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## $\overline{\text { OPINION }}$

Too bad nuclear weapons aren't like shootin' blanks!

Page 4

Fonum


People are worried about what will happen when the clock strikes midnight, 2000.

SpORTS
Meet Cal Poly's newest
quarterback, Andy Jepson
Page 16

# MUSTANG DAILY 

## Concern mounts over city plan to increase water supply

## By Jose Garcio

Daly Stoff Wirter
A plan to raise the water level of a dam just north of San Luis Obispo could Quck Facts have disastrous Quck Facts environmental thr dam mish according to Cal - The rity counril Poly Biology Professor Phil Ashley.
Ashley led a of environmental ists on Sunday sts on Sunday that could be flood d harming the
d, harming the

## Pakistan to respond to

 India with nuclear tests
## By Kothy Gamon

## ISLAMABAD. Pakistan

 Pakistan will test a nuclear device in response to India's five explasions despite earlier assurances to U.S. officials that no such decision had been made, Pakistan's foreign minister said SundayOther Pakistani officials and top US. envoy continued to deny that the leadership had agreed on whether to conduct its own tests. A US. delegation left Pakistan on Saturday saying the governmen ble" decision had been made
But Foreign Minister Goha Avub said Sunday that Pakistan's Ayosition had since hardened, send ing the stronged simal yet that his country is ready to match India in kind.
It's a matter of when, not if Pakistan will test. The decision has already been taken by Cabinet, Ayub told The Associated Press in a
telephone interview from his rural telephone interview from his rura home in northwestern Pakistan "We have taken in view every thing and discussed what it will coms us and we will go ahead," he said. Pakistan has said its decision hinges on how hard the internation al community cracks down on India for its detonation of the under ground nuclear

Pakistani Prime Minister Nawaz

[^0]Santa Margarita is approved During the three-hour trek Ashley pointed out how raising the dam will impact the rich ecosystem that covers approximately 395 acres below the northern slope of Cuesta Grade
The City of San Luis Obispo has proposed to raise the dam to expand the reservoir capacity by installing a spillway gate at the crest of the existing spillway according to the Environmental Impact Report (EIR) that will be presented before the City Council present
This would raise the dam's maximum water surface elevation from 1,301 to 1,320 feet

A projected population growth of 5,000 to 8,000 in San Luis Obispo is the reason the city has proposed the expansion, Ashley said.
The dam would provide San uis Obispo with about 1,650 more acre-feet of water each year, enough to support an additional 8,000 people, according to a 1997 Telegram-Tribune report

I am absolutely opposed to this," Ashley said. "I want to save the aquatic and terrestrial habitat that shouldn't be inundated. Literally hundreds and hundreds of oaks and stream habitat will be affected - and those are public resources."
The
has just released a final EIR, the second one submitted by the Clyde. The first EIR was reviewed by the City Council in 1997, and sent back for modifications.
The San Luis Obispo Council will now vote on whether the second draft is adequate to accept under the California Environmental Quality Act of 1970.

According to Ashley, the first report was rejected by the San Luis Obispo City Council because it was poorly written. He said he believes the second report is still faulty, just more sophisticated. -They have just hired more biologists to weasel-word (the draft and to weasel-word (the
ments, Ashley said. "There is a lot more data but the conclusions they come to are more ridiculous than the original ones. The report addresses the major environmental concerns of the proposed project.
Anybody opposed to the EIR can present their case before the city council the same day of the vote. Ashley said he intends to make a presentation
The second EIR points out that the primary issues of concern of raising the dam are: possible flooding of three acres of shoreline including sensitive biological resources and habitat, possible

See DAM page 10

America Reads: inspiring kids to do the same
By Jessico Niliond Doily Stoff Writer

Kennedy Library looked more like he opening of a Barney the fternoon, as local children and R pal Poly's first Amer Throughout America Reads event Throughout the building, local celebri ties read books and Cal Poly students told stories to attentive elementary-school-aged audiences. The event was hosted by the liberal studies department, El Corral Bookstore and Kennedy Library.
The readers included KSBY News Anchor John Summer, Marisa Waddell from KCBX FM radio, Judge Donald Umhofer and Sgt. Jerry Lenthall of the San Luis Obispo Police Department.

The student storytellers were part of seech communication professor Susan Duffy's storytelling class. Jim Bailey, liberal studies senior, used a bongo drum to add to his story.
Ive never done this in front of kids efore," Bailey said. "You could see them in and out of paying attention, so it was a chal enge to find ways to bring them back in again as a lot of fun.
America Reads is national program, created August 27, 1996 by the Clinton Administration, hat encourages young people to read. It came in response to testing which showed 40 percent of American fourth graders fail to attain basic read ing levels on the National Assessment of Educational Progress. The program has allotted $100,000 \mathrm{co}$ lege work-study slots for reading tutors Many Cal Poly students have been involved in tutoring at local schools through the program.

Bailey is a reading tutor as part of
America Reads, and said he aspires to

66
I can't think of any better medicine to cure our television based culture. -Jim Bailey
liberal studies se
, tant to promote America Reads is impor-

## home.

was shocked to find many kids weren't being read to at home," Bailey said "I think this is the perfect anecdote I can't think of any better medicine to cure our television-based culture,

See READ page 8

become a teacher some day. He said the program has given him hands-on experirogram has given him hands-on experi-


Getting kids to love books was the goal of America Reads in Kennedy Library, where KSBY's Kisby was on-hand for entertainment
 AGENOA

## $E V E N$ For $\quad$ May $18-$ May 24 <br> $E V E N G \quad$ For $\quad$ May $18-$ May 24

## MONDAY

Ronald Takaki, Ph.D.., will present "The Coming Multicultural Millennium," the concluding chapter of a lecture series on diversity issues sponsored by Cal Poly's ethnic studies department. Takaki is a founding figure in ethnic studies scholarship and an outspoken critic of Prop. 209. The lecture begins at $7 \mathrm{p} . \mathrm{m}$. in Chumash Auditorium.

## TUESDAY

The "Africa: It's our struggle, too!" series is nearing its end. The fifth presentation is today in the Multicultural Center from 5 p.m. to 6 p.m. The topic is Ethiopia, the only nation in Africa that was not formerly colonized. The presenters, Zelalem Bayleyegn and Bemnet Yemesgen, are two Cal Poly students originally from Ethiopia. They will be sharing ancient history and religion of Ethiopia, as well as current culture and life there.

Calling all "re-entry students" (that's you if you're over 25 or have had a break in your education). The Re-entry Club will meet today at 11 a.m. in room 287 of Fisher Science, Building 33. Joan Cirone from the Health Center will speak about services available to students at the center. The club seeks new members. For more information, contact Gary Whitsett at gwhitset@ polymail.calpoly.edu or call 756-6749.

You can make a difference in a kid's life. Big Brothers and Big Sisters of San Luis Obispo County will be holding its volunteer orientation this evening from 6:30 p.m. to 7:30 p.m. at Community Link in Atascadero, located at 5901 E. Mall St. Anyone interested in volunteering their time as an adult mentor to an at-risk child is invited to attend. For more information. call 781-3226.

## Wednesday

The American Civil Liberties Union and the Ethnic Minority Advocacy Network are co-sponsoring an open forum: "The Unz Initiative: What is the Future for Bilingual Education?'' at the commu nity room in the San Luis Obispo City/County Library at 7 p.m. The public is invited and admission is free.

## Thursday

Fiction author Sheila Ballantyne will pay a two-day visit to Cal Poly to read from her work and to talk about how her novel, "Imaginary Crimes," became a Hollywood film. Her talk will begin at 7 p.m. Thursday and her reading, also to begin at 7 p.m., is set for Friday. Both events, free and open to the public, will be in Philips Hall in the PAC's Cohan Center.

## Announcements

Get crafty at the Spring Craft Fair, May 20 and 21, from 9 a.m. to 4 p.m. in the U.U. plaza. It's new and improved, now featuring all handmade crafts from students and community members. Check out the demonstrations on the ceramics wheel, wood lathe and candle-making. You can purchase ceramic drums, vases, bowls, handmade jewelry and tie-dyes, among others. There will also be workshops in the Craft Center, in the U.U.

Now premiering at Cal Poly Theatre: "A Streetcar Named Desire," showing at 8 p.m. May 21, 22 and 23. Go see the Tennessee Williams classic, starring Cal Poly students. Tickets are $\$ 7$ for students and $\$ 8$ for the general public. To order, call 756-2787.

Concert tickets for the Mid-State Fair are now on sale. Some of the bands playing at the fair will be: The Wallflowers (July 31), The Doobie Brothers and Credence Clearwater Revival (Aug. 2), The B52 's and the Pretenders (Aug. 3), and James Taylor (Aug. 5). To order tickets, call any Ticketmaster outlet or go to the fair's web page at: www.midstatefair.com.

The City of San Luis Obispo Parks and Recreation Department invites the public to experience the historical Jack House at 536 Marsh by spending time as a Docent Volunteer. it is a commitment of four hours per month, training is provided, and all ages are encouraged to volunteer. For more info, call 781-7300.

> Mustang Daily Agenda Items: c/o Mary Hodley
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Due to limited space, not all items can be printed. For guaranteed publication, buy an ad.

## UC Berkeley to weigh beer's effect on culture

By Charles Burress Associoted Press
SAN FRANCISCO - Beer may be the humblest of the alcoholic drinks, most reason to most reason to
have a swelled have a
head. The
The way beer lovers tell it, nothing else in history has done as much to advance the cause of civilization - not writ ing, not the Renaissance, not even Windows 95.
It was beer that gave us civi lization in the first place, made the Pilgrims land at Plymouth Pock and, with a possible nudge from Shakespeare, pioneered the tudent protest movement in America.
Who gave us this remarkable beverage, not to mention much of our knowledge about its history? Women, most likely.

That's one of themes explored Sunday at a University of California, Berkeley symposium called "Beer and Culture."
"In the anthropology of beer, most of the people who've been looking into this are women," said Rosemary Joyce, director of UC Berkeley's Phoebe Apperson Hearst Museum of Anthropology
it is "quite likely" women discovered beer, said Bettina Arnold,
a niversity of Wisconsin profes-
sor of archaeology. Because women took care of storing and women took care of storing and preparing food, they were probably the first ones to stumble upon
the secret of fermentation, said the secret of fermentation, said
Arnold, who brews her own beer.

Traditionally in Europe and on the East Coast of America, women were the chief home-brewers, said Kathleen Butler, a historian at the Hearst Museum.
The pattern was not the same on the West Coast, where beer followed the mostly male-led Gold Rush, said Butler, another homebrewer, or "brewster," as female brewers were known.

In Europe, beer-making and distribution was largely a monopoly long held by the church until the 14th century, when alewives discovered they could sell their home brews independently to the growing population of that era's nouveau riche, wrote Gregg Smith in his book, "Beer: A History of Suds and Civilization from Mesopotamia
Microbreweries.
Soon towns were filled with taverns and inns. London records of 1309 show a population of 35,000 with one beer-drinking establishment for every 21 residents.

Archaeologists say beer's long record of accomplishments began with our prehistoric ancestors,
ways to settle down in fertile Mesopotamia - the "cradle fertil lization" - the "cadie of civ frow the grain needed for brew ing.
It was beer that made the Mayflower park at Plymouth Rock. They were shooting for the New York area, where they had ecured land but missed and were wandering along the coast when they decided to land at the now-famous rock because, a William Bradford noted in his firsthand account, "We could not take much time for further earch, our victuals being much spent, especially beer."
Occidental College professor Mary Weismantel adds that the Incas made life more bearable for their slaves by giving them a mild corn brew called "chicha," and how their descendants in the Ecuadoran Andes today make similar drink with Quaker Oats courtesy of American foreign aid.
It is apt that the gathering will be at UC Berkeley, whose Free Speech Movement is usually credited with giving rise to student activism. Actually, it wa beer
In fact, beer's pioneering role in this area may be attributable to Shakespeare, who put in a good word or two for beer in his day

## Supporters rally to cause of rejected minorities

Associoted Press

OAKLAND - Government teacher Sheila Quintana tells her students if they do well in school and study hard for their college entrance exams, they can make it to the University of California.
So, she was more than a bit distraught to discover that in the first freshman class admitted since race-based admissions were banned, UC Berkeley turned away 808 blacks

Hispanics and American Indians who had GPAs of 4.0 or better and median SAT scores of 1170 .
"They have worked so very. very hard and some of them are coming from adverse environments," she said

The Oakland teachers union, of which Quintana is an officer, has held a news conference demanding the admission of the 808 and also have organized marches in support of the rejected minorities.
"We were told that affirma-
tive action wasn't necessary because fit was allowing in) students who weren't qualified," she said. "How do you handle the uper-qualified students who are till not getting in?"
not getting in?
Berkeley officials say they regret the loss of the students, ut there is nothing they can do The UC Board of Regents oted in 1995 to stop using race as a factor in admissions and increased the number of students taken on grades alone.

See 209 page 3

## WILLIAMM. MERCER <br> BENEFIT ANALYST OPENINGS

William M. Mercer is a world leader in the field of employee benefits, actuarial, compensation, communication and other key human resources consulting services. We currently have several entry-level Analyst openings in our Health Care \& Group Benefits Practice for our Los Angeles, Orange, and San Francisco offices.

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ANALYST JOB DESCRIPTION
for Healith Care \& Group Benefits Practice

## Key Responsibilities:

As a member of varied profect teams, the analyst conducts benefits comparisons, plan performance evaluations, vendor comparisons, cost and utilization analyses and other assignments associated with medical, dental, life and disability benefits. The analyst will coordinate with vendors and with other team

## Required Competencies:

-Strong analytical skills.

- Excellent oral and written communications.
- Demonstrated exceilence standards.
- Ability to weinitiative, work independenty, and prioritize among competing time demands.
- Highly motivaled to leam and cate within a team structure


## Required Technical Skills:

-Bachelors degree (Math, Economics, Business degrees preferred), minimum 3.0 GPA

- Human resources or benefits experience a plus.
- Excel, Word required; Access preferred.


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 If you are interested in applying for this position, please send/fax your cover letter, resume, and a copy of your transcrWilliam M. Mercer, Inc. / 777 South Figueroa St., Ste 3020 / Los Angeles, CA 90017 Aftn: West Unit Recruiter / Fax: 213-346-2336

## First victory in fighting cancer

 by attacking genetic flawsBy Damiel Q. Honey Associcited Press
LOSANGELES - In the first success of an entirely new approach to fighting cancer, sci entists have shown they can lengthen the lives of some termi nally ill breast cancer patients with a medicine that thwarts the defective genes causing their disease.

Attacking cancer at its genet ic roots has been a goal of science for two decades, but researcher said Sunday that this is firm evidence at last they can actually do this.
Experts predict that the new drug, called Herceptin, will come on the market next fall and could quickly become a standard treat qunt for the one-quarter or mor f breast cancer patients whose umors are driven by multiple mors are driven by HEP- I opes of a gene called her-2. blantialy boor the power rdinary chemotherapy and car es none of the usual cancer dru ide effects, such as nausea an air loss.
But perhaps even more important, doctors say, is that thi treatment works at all, since it shows that one of the hottest areas of cancer research is likely to pay off.
This proves the paradigm. I we understand what is broken in the malignant cell, we may be able to fix it," said Dr. Dennis Slamon of the University of

California, Los Angeles.
Dozens of other drugs in earlier stages of development are aimed at sidestepping a variety of genetic flaws that make tumors grow uncontrollably, and several of these could be available in the next few years.

This is not the end of the story. It is the beginning of the story," said Dr. Allen S. Lichter of the University of Michigan, incoming president of the American Society of Clinical Oncology.

Results of the first large studies of Herceptin were presented Sunday at the society's annual scientific meeting, attended by about 18,000 cancer specialists.

Doctors tested it on women with invariably fatal advanced breast cancer that had spread to other parts of their bodies. When added to standard treatment, they found it lengthened their lives an average of three months. While this may seem modest, researchers said it represents a major impact in such a late stage of the disease.

Researchers are unsure of the treatment's ultimate impact on survival, but a few cases suggest it could be substantial in those with the HER-2 defect. Typically, such women die within 10 to 18 months after the cancer spreads; however, one of the earliest patients to get Herceptin is still

See CANCER page 11

209
This year there were 13,696 applicants with GPAs of 4.0 and up, said Bob Laird, director of undergraduate admissions at Berkeley in all, 7,200 student Berkeley. in all, 7,200 student were denied who had those kind of grades, including the 80 "underrepresented minorities
"The truth is they were par of a very large number of good but not really great students who didn't meet the competition at Berkeley," he said

Some students may be admitted for the spring semester and others have been offered places at other UC campuses.

Students have always been able to appeal rejection and one student who successfully did that this year was Jamese LaGrone, whose case was highlighted by the Oakland teachers union.

LaGrone, who is black, had a GPA of 3.4 on UC eligible acade mic courses and an SAT score of 1,390 . She also had worked on her yearbook staff and was junior class president.

University officials said the only reason LaGrone was rejected was because she had failed to submit required SAT II supplementary test scores.

Quintana said she was happy for LaGrone. But she said she still worries about the message sent by the rejection of the other underrepresented minorities.
"My students ... always ask me, 'Well, what should I do to make myself desirable to the colleges," she said. "At this point, I don't know what to tell them."

Sugimura \& Associates
Architects

P
rogressive, design-oriented firm in San Jose area will be at the Cal Poly Springboard Job Fair Tuesday, May 19.

We are looking for full-time staff and a summer intern to work specifically on an airport noise abatement project as well as other exciting projects in healthcare, theme parks, schools and public agency facilities.

## NEWS triefs $^{2}$

Human Powered Vehicle Club wins big
Cal Poly's Human Powered Vehicle Club drove its semi-recumbent bicycle to victory at a national competition sponsored by the American Society of Mechanical Engineers.

The club, driving its two-wheeled vehicle named Prestissimo, took first in the women's and men's sprints and finished third in the 40 -mile road race
Teams from more than 25 American universities and colleges entered the competition held in Denver.

Two Poly students take first at statewide research contest
Engineering graduate student Rick Burnes and physics senior Dustin Froula both took home cash prizes and first-place honor after this year's California State University Student Research Competition at Chico State
Burnes took first in the graduate-level engineering and computer science category for his project titled "Investigation of Ten Degree Axisymmetric Thrust Vectored Nozzle Exhaust Plume Angles for Axisymme
the F-15." matical sciences category for his project titled "Ultra Fast matical sciences category for his pr
Diagnostics of Sonoluminescence."
Diagnostics of Sonoluminescence.
About 200 students competed, submitting papers and making or presentations to juries of experts from major California corporations, foundations, public agencies and universities.

## CFA endorses Gray Davis

California Faculty Association (CFA) President Terry Jones announced Tuesday CFA's endorsement of gubernatorial candidate Gray Davis.

The Democratic candidate also announced his desire to rebuild California's higher education system. Among the issues Gray would like to address: deteriorating buildings, the faculty salary gap and the system's lack of funding for an anticipated influx of students who are the children of Baby Boomers.



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is a world leader in the design and manufacture of vacuum electron devices and transmitter/MPM products used in radar, satellite communications equipment, and the power industry. The rapid growth of the Traveling Wave Tube Division has resulted in the need for the following positions:

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Electrical Engineer (BSEE/MSEE)
Mechanical Engineer (BSEE/BSME)
RF Engineer (BSEE)
Accountant (BS/BA)
Summer Intern - Materials/Logistics Analyst (BS/BA)

## Opinion

## On the up and up? <br> There's a new drug out that eviden ly treats impotency for men, like no <br> Put up your nukes!

 other before it. You know, it s intle,blue, different. So different in fact, th it carries a $\$ 15$ per pill price tag. Although Viagra has unknown lon term side effects, it's had the fastes consumer response to a prescrib pharmaceutical since Rogaine Television commercials are heralding it for some men as the best news they'v
heard in a long time.

| $a=1$ |
| :--- |
| $\square$ |Evidently there are high risks for women who take Viagra, but word on the street is that women are beginning to experiment with it anyway. Just

Bryan Ridley what
up?
$T$

This drug supposedly Column treats impotency, right? Well, men with normal to are taking the drug anyway to enhance their prowess in the realm. All I can hope for is that those realm. All can hope for this trug and people who are torg this drug, and houldn't be, get hing this drug. perhaps the develophent permanent
wood
What's the deal? Don't people under stand? This drug is for men with partic ular problems, people with a " Y " chromosome, and not for women who characteristically do not have erectile problems.

Since stupidity isn't a controversy in this country, the media has come up with another dispute to print all over the place. It seems that insurance companies are paying for diagnosed men to receive Viagra, yet the companies won't pay for women to receive birth control. So here we have an apparently severe case of gender bias and discrimination. However, a woman being fertile is not really the same as a man not being able to perform his duty. (One is to fix an ailment; the other is to counteract nature by preventing unwanted births. So there is quite a difference and this is So there is quite a differend this not a case of gen
totally different.

Yet I'm not sure we need more men getting it up anyway. Seriously, don't we have enough problems with testos terone-driven jerks? If more men couldn't do what they do, there would be less violence, less horsepower in automobiles and less football. What a better world this would be. Plus, as an added bonus, there would be fewer contributions to overpopulation.

Maybe this is an over-generalization, much of the target age group is well over 50 , but I seriously think that there are way too many children in this country. In our land of the free (enterprise), many are neglected and left without love and nurturing. We cer tainly don't need any extra kids. So if someone is dealing with impotency and wishes to have children, the least selfish thing they can do is to adopt a ish thing.

But then again, Bob Dole uses it, so how bad could it be?

Bryan Ridley is an architec ture sophomore.

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India went overboard trying to prove its nuclear capabilities are up to par with the big guns By Alan Dunton

the wrist for a very big and serious international breech of treaty. U.S. sanctions have been in place on Pakistan since 1990 because Pakistan simply had an atomic weapon. Pakistani officials have chosen to ignore these sanctions saying they must detonate their own bombs so they don't appear inferior and vulnerable to India. Making matters even more complicated, China may now be enter-
ing the nuclear ring in
 week, two neignIndia and Pakistan, have been involv in a oneupmanship contest with implica tions reaching far outside their own borders. India detonated five nuclear bombs under-
ground last week choosing to ignore
the two-year-old international treaty not to unleash any more destruc tive atomic energy into the environment. France tried the same thing years ago and received lots of negative feedback for it.

The problem with India is a little more complex. This isn't a nation that merely wants to conduct scientific experiments of nuclear blasts. Although Im not a rocket scientist, I could tell you without hesitation that nukes blow a lot of stuff up. Are more Probably not. Probably not.
India's motiva India's motivations have been called into ques
tion by the media, other media, other nations governments and ratio-
nal people worl
By detonating not one but five bombs, India has sent the message that it has the ability to wage a nuclear war. The "tests" were immature demonstrations of force, force that should be nipped in the bud before things get out of hand

India's tests have left Pakistan "little choice but to go ahead with their own nuclear test," a Pakistani official said. Pakistan also believes that India's recent actions fall under the category of acts of war. Great, now there are two big countries which are setting off nukes relatively close to one another-the ramifications are frightening. Suppose some fallout blows over into India's airspace. Already fired up, the country's response could be catastrophic.

The U.N. Security Council's response to this turmoil consists of bringing about economic sanctions and verbally condemning the nuclear tests. This sounds like a teeny slap on
"These two nations, above all else, have demonstrated they can't play fair. They need to be sent to their rooms and have their toys taken away from them until they can prove that they will play responsibly."

The Cal Poly bubble
Editor;
The scenarios and letters that have occurred this week past, have made me think about how long well last.
First it started off that it was okay to smoke pot the next day they said that maybe it was not.

Friday we learned maybe we should all masturbate, then Mr. Pontious mentioned how to properiy urinate.

There was alse a column about Baker the man behind the golden smile and Zingg taking a walk in the canyon for a very long while.

But now these things seem trivia after all, India tested the bomb and we sat watching Seinfeld nine years too long.

Oh , what a mess this is this place we call our world now more things to worry about a meteor, towards us it hurls.

And yet we still decide to chug along at our regular pace and make it seem in our minds that this is such a wonderful place.

So to all that are living, in this Poly Bubble,
don't ask too many questions, don't look for trouble, just close your eyes and think about what the Daily writes and keep on truckin to partie and get wasted ... tonight.

Miguel Valenzuela is an ag engineering junior:

Like sands through the hourglass ... so are the days to write letters.
Mustang Daily welcomes and encourages contribu tions from readers. Letters should be submitted complete with name, major or department, class standing and telephone number. We reserve the right to edit grammar, spelling errors and length without changing the meaning of what is written. Letters sent via email will be given prefer ence and can be sent to: iborasi@polymail.calpoly.edu. Fax your contribution to 7566784 or drop letters by Building 26, Suite 226.


## MUSTANG DAIIX $_{\text {Suff Box }}$



## Forgon

5 MONDAY, MAY 18, 1998

# Striking chaos at midnight of the $2 \mid(0 \mid$ ( $) \mid(0)$ millennium 

 \begin{tabular}{l|l|l|l|}\hline 1 \& 0 \& 0 \& 0
\end{tabular}

## 2000 unprepered com-

petars Mopiona
By Brad Davis

MLEETHNGA

Five ... four - the countdown nears completion. What lies ahead is a future of uncertain ty. Billions of people, dressed in their millennium best, await the moment with bated breath. Postmodern humanity's greatest achievements are being put to the final test - time.

Three ... two - hopes and dreams are being challenged. Pulses, already high, race even faster against the speed of the clock. The dawn of a new age is brimming. People are shouting.

One - the ball drops, corks are popping, people are cheering. Just below the ball and above the crowd, a Times Square stock market marquee in New York City flashes the words "system failure" one nanosecond before shorting out. Life as we know it will be forever changed. Fait accompli.

## Houston, we have a problem.

According to predictions, on that day - 01/01/00 - crowds of people may sit stranded at major international airports, in cities across the country and around the globe, with literally thousands of flight cancellations. Highways and byways may transform into parking lots - gridlocked. Banks and businesses may close for reasons extending way beyond the holiday. The world, as it grinds to a halt, will be experiencing what may be known as a post-millennium hangover.
 processors (chips which use time and date codes), are found in almost every electronic device from calculators to programmable cof fee makers to traffic signaling devices to military defense systems - all of which are said o be susceptible to having break-downs relat
ing to the change of the millennium.
The problem, commonly referred to as Y2K (year 2000), stems from outdated computer programming and architecture - input and built incompatibly with time as it runs past the new millennium. The Y 2 K issue is rel-
atively simple in nature
Most of the original programming and architecture, still used today, wasn't meant to last this long
"I would have thought something would've been done to correct (the Y 2 K ) problem by now," said William Payson, a retired power systems engineer at Leos, a division of Lockheed Martin which constructs spacecraft

He continued,
"In all truth, people didn't want to think about it. People stick their heads in the sand and think it'll go away ... but it didn't. Then of course they let it go until it became a really bad problem ... somebody dropped the ball..

## Correcting the prohlom,

 RACNG ACANST THE CLOCK
## "Around the world there are so many bil-

 lions of lines of codes written ... and to look for all the date-handling codes and to fix them ... that's a lot of material to go through in a imited amount of time," said Paul Dunton. PG\&E information technology directorIn other words, since the brink of the com
puter age (about 20 to 30 years ago), a phenomenal amount of infrastructure has been built up all over the world. Now practically all of this technology has to be reconfigured or updated within approximately a-vear-and-a-half's time

According to a report posted on www.y2 kegypt.com, the 12 K problem, also called the millennium bug, is the result of a space-saving technique used extensively by programmers in the 1970s and 1980s. The system uses only two digits rather than four to store the year of a date. For example, 05/18/98 rather than 05/18/1998.

When devices - not just computers - but electronic controls for timed machines like eletems, encounter ariad of other electronic sys confused whiter " $01 / 01 / 00$," they may ge This could spell disaster and the consequenees may be severe.

For example: Computerized electric power plants are programmed to shut down machinery that has gone too long without

See FORUM page 6


QUITE POSSIBLY, THE WORDS SYSTEM ERROR OR MALFUNCTION COULD APPEAR ON COMPUIER SCREENS ALL ACROSS THE WORLD IF THEIR INDIVDUAL CHMP IS NOT ALIERED BEFORE 01/01/00. NOT ONLY PERSONAL COMPUTERS WIL BE AfFECTED, hOWEVER. IT IS POSSIBLE THAT LaRGE SYSTEMS UKE THOSE CONTROUNG NAVGATION AND SIGNALING OF TRANSPORTATION COULD GO MAYWIEE AS WELL

## FORUM

from page 5
routine maintenance. So if the controller thinks the last maintenance was done in 1999 and it thinks the year is now 1900 , it may shut down a power system component as part of its built-in, fail-safe safety procedures. It may then be difficult to get that power system back on line. Put the Y2K problem an a ala the implications of such an occurence scale become monumental

I think the implications are in several areas," Dunton said. "Some software development tools that aren't year 2000 compliant ... we're starting to see some problems
now," puters that may have problems. Any device with micro processors may be affected. These "Embedded Systems" include:

- Credit card processing systems
bank ATMs and point-of-sale devices
- Elevators, security systems and environmental monitoring
- Automated pumps, flow meters, timers, valves and filtration systems
- Telephone systems and switches
- Medical diagnostics, monitoring, dispensing and life support
- Automobile onboard computers (some cars tested failed to start under Y 2 K simulations)
- Pharmaceutical manufacturing
- Airplanes, traffic control - plus ships, buses and trucks
- Energy, water, gas and fuel metering

Navigation, scheduling and signaling of trains and ships

- Traffic lights

And the list goes on
Theyre finding problems in elevator control systems ... balancing and timing when elevators arrive, scheduling," Dunton said. "They did some tests ... artificially set the clock ahead to midnight 2000 . The whole system broke down. This is why it can be sur-
prising when this problem comes out.
Banks are concerned with this," he continued. "You could get a bill that states you're 100 years behind on a payment or you might have 100 years of interest deposited into your account.

Many stock brokerage firms, banks and businesses plan to close for a period of time around the century turn in order to ensure problems are kept to a minimum, according to Dunton.

The greatest concern is centered around whether or not the problem can be controlled in the amount of time remaining.

One of the approaches to solving this: You have to inventory your systems, both software and hardware.

We want to really plan ahead and get things taken care of before it is a crisis.
--Peggy Rodriguez
Information Technology Systems coordinator for instructional applications suppon
$\qquad$ 99

Prioritize which (systems) are mission critical which ones are gonna put you out of business. Retire those systems that aren't necessary," Dunton said. You really have to evaluate the fallout of each (sys(em) and the impact to your business.
"Many companies are not concerned (with Y2K) until next year and they budget for it then. The probem is, are they going to have enough time? If you underestimate the scope of time youll get stuck. A lot of companies are trying to figure that out right now, what the options are .... There will be disruptions, I an guarantee it," he said.

## What's hoppeming et Ged Paly?

So far, the full-scale effects of Y 2 K haven't been felt on campus, however glitches are beginning to surface. "On our mainframe information systems (problems) are already happening." said Pegzy Rodriguez, a ITS (Information Technology Systems) coordinator for instructional applications support.

When people first start thinking about the year
See FORUM page 7

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FORUM
from page 6
2000 problem they think mainframe, not just computer desktop and software...," she added
A recent notice from the CSL Chancellor's Office pointed ou areas where its 23 campuses should have concerns, which include:

- Plant operations
- Irrigation svstems
- Heating ventilation and air conditioning systems
- Anything on a timer or embedded chips, including lab equipment, medical equipment, bookstore equipment, security sys tems, police systems, telephone systems and fire systems
Problems in these areas will be solved separately by the individual campuses.

Cal Poly is currently in the development stages of a plan to deal with oncoming issues associated with the millennium bug, according to Rodriguez

We want to really plan ahead and get things taken care of before this is a crisis," she said. "Around the rest of the campus there's been so far less attention to this problem. Fve been working on a study group that's been composed of six members of the campus community. We've come up with a plan that's been submitted for review to the administrative advisory committee on computing.
That meeting is scheduled to be held this week.
The plan outlines a basic strategy for the campus to tackle the Y2K problem.

What we're recommending, in part," Rodriguez said, "is a time table for the campus where well go through certain steps to inventory systems ... to bring attention to sys. tems to people who may not have thought them to be vulnerable -

Departments may have to take responsibility to remedy their own systems and equipment
"According to the plan, the committee is recommending solutions resting with individual departments," she added. "TTS is taking an advisory role
Again, Cal Polys Y2K plan has not yet been finalized, thus the solution strategies arent yet final either

Part of what we need to do, aside from making ourselves safe from the problems, is prepare contingency plans to guard against what we may have overlooked, Rodriguez said. "If we have problems at that time, well also have some plans in place to prepare for whatever happens.

Regardless of what's done on campus, problems can still arise
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not only from within the campus but from outside as well
"Say we have our act together," Rodriguez continued, "we depend on PG\&E. They better have their act together. Any of those service suppliers - we should be concerned that theyre doing what they need to be doing

Although there's much work to be done, Rodriguez said her committee is optimistic about having the situation under control.
${ }^{-}$We are looking toward doing all the work that we need to do in the second half of this year," she said. "We hope we will know where we stand with our systems by Dec. 31 of 1998. We'll have a firmer idea when this proposal is accepted."

## Persenal Solvitions

Students, faculty and staff who own privately-owned workstations, will have to solve Y2K problems themselves. A quick query via the Internet will provide a multitude of businesses offering technical support for users needing to make the Y2K upgrade. An individual can type "Y2K" into one of the various search engines to retrieve an almost overwhelming number of helpful websites.

PG\&E's Dunton suggests that individuals begin conducting tests to discover how equipment will operate past the turn of the century.
"Program in the time 10 min utes before the year 2000," he said. Turn off the computer and reboot it a while later."

By doing this, individuals will be able to assess whether there's a problem or not.
"Be sure to have all files and software backed up," Dunton added.

In addition to the aforementioned advice, Rodriguez said Cal Poly's plan recommends making technical support information available on and off campus.
.Any information that's potentially helpful to people will be given," she said. "We're creating a publicity plan to raise awareness. We're also building a website. We want to offer process guidelines basic information. We will be developing and offering information about the most commonly used systems on campus which ITS supports ... Providing resources for the rest of the (campus) community and raising awareness on inventory and where people need to make assessments.

Highlights \& Haircut for $\$ 45 \mathrm{w} /$ Lou
Kim \& Company Solon
$\begin{array}{rlll}541 & 1 & 4 & 4\end{array}$

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## 66 <br> I would have thought something would've been done to correct (the Y2K) problem by now.

-William Payson retired power systems engineer at Leos, a division of lockheed Martin

MULTI WARNING SYSTEM:


Forum photo by Joe Johnstor
9

Clocks like this one in the dash of a car could possibly be one of the contused many at the turn of the century.

Derhaps a Chance Encounter


I could have been juss a glance or a small sigh than caught Inv anention that remarkable momine, but she did Sming n perfecth posernd enctiness tis soman happenelt to be placed directly across from me by some faneful gesture she was wail. but not taller than myelf and was perfectly pro. portioned to be described as "aticeticall stender "With hair of sun-streaked high lights rumning throuyboun lieft brown locks and eyes so thoughtuf you covid tell We was not womed aboul todey's notes. We had our eyes meet ont for a fraciom
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``` Agribusiness Junior
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ammes smile I had eere felt. The thin lips of perfect color and bngige stive leeth

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b) The third most prestigious career in the US*
c) Educated right here at Cal Poly
d) All of the above

Correct Answer: d
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Now they've been shown the money, lawmakers

## get to work on budget

## By Jennifer Kerr

Associoted Press
SACRAMENTO - The governor has shown them the money $\$ 4.4$ billion of it. Now lawmakers are squabbling over the dough like relatives after the death of a well-heeled uncle.
The frantic season is beginning in the

## Legislature hundreds

hundreds
bills hit bills hit

State Senate floors and pressure builds to fin
ish the budget by the
June 15 constitutional deadline.
"Now, more than ever, we should have a budget done on time," Assembly Speaker Antonio Villaraigosa, D-Los Angeles, said after Wilson announced the unusually large surplus of revunusua
enues.
nues.
But the Legislature's record is abysmal in passing the budget by the deadline, or even by the July 1 start of the new fiscal year. Since 1977, the Legislature has met the June 15 deadline four times, and passed a budget bill by July 1 on 10 occasions. The last time was in 1993.
Last year's spending plan wasn't approved until Aug. 11.
The fact that this is an election year makes it both easier and harder to pass the budget on time. Lawmakers want to look good to voters and justify the huge raise they're getting in December (from \$78,624 a year to

## READ

from page 1
Liberal studies professor Judith Gish said all CSUs were requested to participate in the requested teads program and she America Reads program and she
and others involved decided to and others invol
put on the event.
"We've been trying to decide where we wanted to go with this program and what we could do in the community and decided an event like this would be a good way to promote reading," Gish said, adding that the response from the community response from the community
has been overwhelmingly posihas been overwhelmingly posi-
tive.
tive.
Local businesses donated money and gifts, she said. Each child received a goodie bag filled with stickers, coupons and bookmarks. Children were also given free books for attending.
The number of people who wanted to read at the event was high as well, Gish said.
"We have about 20 people reading stories today, but we reading stories today, but we
could have had 40 , there was could have had 40 , there was
such a huge response," she said. such a huge response," she said.
"We're finding out what is workable this year so we can plan for next year."
San Luis Obispo Police Sgt. Jerry Lenthall read a book appropriately titled "Deputy Dan" to a group of youngsters.
"I'm not even a very good reader, so these kids are in for reader, so these kids are in for
it," Lenthall said. "I think anyit," Lenthall said. "I think any-
thing you can do to encourage thing you can do to encourage
kids to read is a noble act so that's why I'm here."

Rick Graves, coach of the San Luis Obispo Swim Club, read from a book of poems called "A
$\$ 99,000$ ).
However, their need to stake out certain issues to stress in the fall campaigns can make it harder for them to compromise.

Gov. Pete Wilson last week released his revised $\$ 75.8$ billion spending plan. It spends about $\$ 2$ billion of the $\$ 4.4$ billion surpius on programs, including $\$ 500 \mathrm{mil}$ lion for public schools; puts nearly $\$ 1$ billion into a car tax cut; and ly $\$ 1$ billion into a car tax cut, and
uses the rest to beef up the state's uses the rest to beef up the

The Senate and Assembly budget subcommittees have been working for nearly three months on Wilson's original budget released in January. This week they will take his new figures and proposals and come up with rival spending plans to present to the governor.

Both houses will also be busy with bills for the next two weeks. The deadline for 1998 bills to be approved by their first house is May 29. Both houses will be meeting almost every day to try to push through hundreds of bills on every subject from sex educa tion to school bus seatbelts.

The main budget fight is shaping up to be school funding vs. car tax cut.

On one side are Wilson and Republicans of both houses. The governor has proposed $\$ 500 \mathrm{mil}$ lion of the surplus for schools, but specified that it must be spent for math textbooks, school library and laboratory supplies, remedial

See BUDGET page 11

Pizza the Size of the Sun."
"I chose a book with fun, silly. whimsical poems, because I know when I was first introduced to poetry I didn't like it very much," Graves said. "It went great. I had the kids join me on the chorus of a poem and they were really into it."

Liberal studies senior Katie Nelson was on the committee that helped plan the event. She said she thought America Reads was a success.
"It went even better than we had hoped," Nelson said. "There were about 150 kids here and every one of them seemed to have walked out with a smile."

Ursula Bishop, director of Access to Health Careers through the College of Science and Math, got her entire family into the act. Her sons Cooper Johnson, 12, and Crockett Johnson, 9, helped read books aloud.
"We're just glad to spread the books around," Cooper said. "We brought all of our favorites."
-Ive never done that before. It was a lot of fun," Crockett said.

Dolores Virgil, liberal studies senior, brought her children, Edward and Ruby, to America Reads.
"My daughter loved it," Virgil said. "She is only in first grade and she can already read. Reading is very important in our household, so this was a fun afternoon for us."

## NUCLEAR from page 1

Sharif said Sunday that Pakistan needs only 12 hours of preparation to explode a nuclear device
-We will be forced to test ... and no one can stop us from doing so," if the international community's response to India is weak, he told reporters outside his home in the Punjab provincial capital of Lahore.

Sharif did not say whether the government had decided on tests. On Friday, he told a U.S. delegation On Friday, he told a U.S. delegation led by Deputy Secretary of State Strobe Talbott that Pakistan was in no hurry to conduct nuclear tests.
Pakistan's information minister, Mushahid Hussain, said the country was still waiting and watching.
"Pakistan has not taken any definitive decisions," he said from Pakistan on CBS "Face the Nation. There is tremendous popular pressure in Pakistan for a test:
Longtime rivals, India and Pakistan have fought three wars since 1948 and still engage in frequent border skirmishes.

Bill Richardson, the US. ambassador to the United Nations, also said Pakistan has not made a decision.

He reiterated U.S. appeals to Pakistan to avoid tests. "If they take this positive step and not test, then the U.S. is willing to look at ways to help them." Richardson told ABCTV.
The United States has been hinting at concessions and a lifting of longstanding sanctions, including
the blocked sale of F-16 fighters, if Pakistan shows restraint on tests. Pakistan has been increasingly critical of the international reaction to India's tests.

The leaders of the world's industrialized nations were divided over U.S.-led sanctions against India on Sunday as they wound up their summit meeting in Birmingham, England.

France, Russia and Britain refused to sign on to sanctions.
Ayub called the sanctions iirrelevant" and said the muted response only reinforced Pakistan's decision to test.

In a broadcast interview from the Birmingham summit. President Clinton warned he would have no choice but to implement tough financial sanctions against Pakistan if it does test.

Pakistan has been under some sanctions since 1990 , when the United States cut off $\$ 650$ million in military and humanitarian aid, saying Pakistan had a nuclear bomb.
U.S. spy satellites have reportedly picked up evidence that Pakistan is preparing a test site in Chagai in southwestern Baluchistan province, barely 30 miles from the border with Iran.

Meanwhile, Pakistani Foreign Secretary Shamshad Ahmed left Sunday for China - Pakistan's long-time ally and the country Washington says has helped devel op Pakistan's nuclear program.

China has denied the charges.

## Summit: World leaders urge Pakistan not to follow India's lead

## By Moureen Johnson

 Asscocoted PressBIRMINGHAM, England Beset once more by threats of a nuclear arms race, leaders of the worid's most powerful nations ended their annual summit Sunday with a plea to Pakistan not
kind to India's five nuclear explosions.

President Clinton
called the tests "a nutty way to $\mathrm{g}_{0}$ " and British Prime Minister Tony Blair described "a sense of frustration" as Pakistan signaled it would conduct its own test blast.

Despite disagreements over imposing economic sanctions on India, the leaders appeared to find common ground elsewhere
In a final communique, they pledged to step up efforts to provide debt relief so that all the world's poorest nations will qualify for special assistance by the year 2000 . and sounded united over environmental targets
"Of course we did not go as far as many would have liked us to go

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but I think we did make very considerable progress," Blair, referring to debt relief, told reporters at the close of the Group of Eight meet ings.

The leaders insisted on demanding economic reforms and evidence of official probity in exchange for aid. The most important thing is to convince our people that if more money is going, it is going to benefit those countries directly," Blair said.

Clinton gave Russian President Boris Yeltsin, admitted for the first time fully to the group, his G-8 lapel pin as a memento of the event, and most others made a point of praising him.

Clinton also weighed in on Blair's most immediate challenge referendum Friday in Northern Ireland on a peace accord providing for Protestant-Catholic power-sharing.

Clinton made two big appeals in TV interviews for a yes vote on the agreement, brokered by the British and Irish governments.

Deputy Secretary of State Strobe Talbott arrived here from Pakistan empty-handed, unable to extract a promise from Pakistani leaders not to match neighboring India's nuclear tests.

The fear of where it all might lead was pervasive.

The answer is not for India to become a nuclear power, and then for Pakistan to match it stride for stride, and then for China to be brought in...and for Russia to come
in and to recreate in a different con ext the conflicts of the cold war, Clinton said in a BDC intervi "It is a nutty way interview. added.
However, Russia, France Germany, Italy and Britain blocked efforts by the United States, Canada and Japan to get a coordi nated program of economic embar goes against India.

I don't think that we would have achieved anything with the announcement of sanctions," German Chancellor Helmut Koh German Chancellor Helmut Kohl
said.
Canadian Prime Minister Jacques Chretien was unhappy about the sanctions rift. The position of Canada has been we should have gone much farther," he said warning of a new arms race. "Everybody is worried about it."
On broader issues, differences among the eight were papered over Criticisms by the Europeans of Ue United States for foot-dragring the United States for foot-dragging on outright dissolved in the gas missions dis in communique into a pledge to cooprate on reduction targets.
While Blair sought to focus the talks on a jobs, debt, high-tech crime and Asia's financial crisis, the 10 -page communique covered a host of old favorite issues and some new ones, too: a malaria reduction program, cooperation over adapting program, cooperation over adapting computers to the year 2000, and pledges to push ahead with rem

## Valley Fresh Foods, Inc. is seeking qualified people for management positions in the poultry industry.

## See VFFI's booth at the

 Springboard Job Fair in the Chumash Auditorium, Tuesday, May 19. The IPM Company is a leading manufacturer of cable assemblies and wire harnesses for original equipment manufacturers (OEMs) in the computer, telecommunications networking sectors of the electronics industry.Our mission is to be the supplier of choice for the manufacture of cable assemblies and related products in the global markets of our customers. We currently have the following positions available in our San Jose facility:

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BS degree with stockroom and/or shipping experience and supervisory experience

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## Go all out for Mustang Daily's 2nd Annual Gonzo journalism contest

"True Gonzo reporting needs the talents of a master journalist, the eye of an artist / photographer and the heavy balls of an actor. Because the writer must be a participant in the scene, while (s)he's writing it ... Probably the closest analogy to the ideal would be a film director/producer who writes his own scripts, does his own camera work and somehow manages to film himself in the action, as the protagonist or at least the main character."
-Hunter S. Thompson The Great Shark Hunt

In the spirit of the Duke of Gonzo, Mustang Daily is proud to present the second-ever Gonzo Journalism Contest. Everyone can enter, and winners of the contest will get to see their names in print for the Gonzo Issue, June 1. Entries must be factual (sort of) narratives and no longer than 801 words.

ENTRIES ARE DUE THURSDAY, MAY 28 BY 7 P.M.
The rest is up to you.
Submit entries to:
Hebshi-Hadley
Mustang Daily
Graphic Arts Building (26), room 226 ATTN: Gonzo Issue
flooding of recreational facilities at the Santa Margarita Lake and downstream flow reductions.

The proposed objectives of the city for the project, according to the EIR, are as follows

- To increase the total storage capacity of Salinas Reservoir to provide the city with greater flexibility in the use of its water resources, particularly in times of drought or other emergency.
- To allow the city to enjoy the benefits of its water permit and to exercise its existing water rights by installing an operable gate in the spillway of the existing dam.

Holly Sletteland, conservation chair of the Santa Lucia Chapter of the Sierra Club, was one of seven people who hiked with Ashley on Sunday. She said she wanted to personally see the areas that were going to be affected before announcing public comments at the June 2 city council meeting.
"There will be an enormous loss of wetland habitat and a loss of prime recreation area," Sletteland said

The U.S. Army Corps of Engineers has owned the dam since 1942. The reservoir and dam operations are presently managed by the San Luis Obispo County Flood Control and Water Conservation District. If the project is approved, ownership of the dam would have to be handed over the City of San Luis Obispo.

## Litton

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Or send your resume to: Litton Data Systems, 29851 Agoura Road, Agoura Hills, CA 91301, Attention: Employment or apply on line at: www.monster.com/littondsd/. Resumes may also be faxed to (818) 707-4311

## $1 /\left[\iint_{0}^{5}+1 / 1\right)$ <br> NEWS triss

County asks people to remove election signs that are blocking roads

San Luis Obispo County reports it has received many calls complaining about political and advertising signs that are in the public right of way. These signs present a threat to people driving. The County Engineering Department is asking that people responsible for the Engineering Department is asking that people responsible for the
placement of signs that are in the way remove them as soon as possiplacement of signs that are in the way remove them as soon as possi-
bie. Starting today, the Engineering Department will start to remove bie. Starting
those signs.

National Public Works week celebrated
This week is National Public Works week and, to celebrate, the City of San Luis Obispo will be hosting tours of various city facilities Wednesday. The facilities that will be toured are: the Sinsheimer Pool Operations, the Public Works and Utilities Department offices, the Corporation Yard and the Water Treatment Facility. For more information call Larry Tolson at 781-7022.

Understanding mental illness through art
An art show featuring more than 80 pieces of art work, quotations and information about mental illness will be presented at the San Luis Obispo Art Center at 1010 Broad St. from May 19 to May 31. The opening reception will be held Thursday, May 21 from 3 to 6 p.m.

Artists featured in "Opening Minds" tell stories of what it's like to live with mental illness through paintings, poetry, sculpture and photography. The art is for sale and proceeds go directly to the artists.
"Opening Minds" is a joint project of the Mental Health Association, County Mental Health Services and the San Luis Obispo County Arts Council.

## BUDGET <br> from page 8

programs and teacher training. He also wants to cut the car tax by 75 percent. The Vehicle License Fee is the personal property tax that motorists pay, in addition to the $\$ 27$ registration fee, when they register their cars. It is 2 percent of the value of the car.

Wilson wants to cut it to 1 percent on Jan. 1 and to 0.5 percent in 2002 . He will use state funds to reimburse local governments,
${ }^{\text {an }}$ The people of California have

## CANCER

from page 3
alive after almost six years and another has survived nearly four years.

Researchers predict the results could be much more impressive when the drug is given at earlier stages of the disease before it has moved beyond the breast and lymph nodes
"There is absolutely no question that there will be a lot of use of this drug once it's available," said Dr. Larry Norton of Memorial Sloan Kettering Cancer Center in
borne the burden of massive tax increases through the bad times of our worst recession in history," said Senate Republican Leader Ross Johnson, R-Irvine. "Now, during the good times of a spectacular economy recovery, we have a duty to lighten that load" On the other side are Senate On the ore Senate and Assembly Democrats and school and local government groups. They maintain that schools, cities and counties were cut during the deficit budgets of the early 1990 s and should get increased funding from the surplus to be made whole again.

New York City, one of the doctors who tested it.

Herceptin is made by Genentech Inc., which financed two studies presented at the conference by Slamon and Dr. Melody Cobleigh of Rush-Presbyterian-St. Luke's Medical Center in Chicago.

The path of scientific discovery began in the 1980s, when Dr Robert Weinberg of Massachusetts Institute of Technology discovered HER-2. The gene produces a protein on the surface of cells that serves as a receiving point for growth-stimulating hormones.

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## Boat gives crowd favorite Foyt Indy 500 pole

## By Mike Harris <br> Associated Press

Indianapolis - Crowd favorite A.J. Foyt drove his old roadster around the Indianapolis Motor Speedway on Saturday for fun Then Billy Boat gave Foyt an even bigger thrill taking the Indianapolis 500 pole at a speed almost 100 mph faster than his boss.
Foyt, a four-time winner of the world's richest and most prestigious auto race and now a fulltime car owner, got two of the three front row spots on opening day of qualifying for the May 24 race. His other driver, Sweden's Kenny Brack, wound swedens Kenny Brack, wound up
outside of the front row.
utside of the front row.
"It's nice to be the fastest, but all we really wanted to do was get in the race and worry about winning the race," a businesslike Foyt said. "Starting from the pole is great, but I don't think I ever won it from the pole."
Tony Stewart, the defending Indy Racing League champion, topped the speed charts on four of the six days of practice leading to the first of just two days of time trials. His fast lap, 223.797, came Friday.

But it was Boat, seventh last year as an Indy rookie, who turned up the heat in practice

Saturday morning with a lap of 223.836 - the fastest since the rack opened May 10.
The 32 -year-old midget car racing star topped that when it counted, starting his four-lap, 10mile qualifying run with a lap of 224.573 and following it up with laps of $223.725,223.625$ and 222.102. His overall speed was 222.102 .
223.503 .
"It feels good to get that done," Boat said. "Now we can concentrate on getting ready for the race, and I know how bad A.J. wants that first Indy win as an owner.
"The wind was bad in turn one, and really caught the car on the first couple laps. I knew I had a good lap running, so I kind of eased it into turn one on that last eased I just wanted to make sure I could bring it home." The pole, the second of Boat's IRL career, was worth more than $\$ 150,000$ in cash and prizes, including a $\$ 100,000$ check from PPG.

The fiery Foyt slapped Boat on the back and hugged him after the driver emerged from his DallaraAurora.
"He just told me, 'Thank you," said Boat, who bounced back from a crash on Friday in his backup car.

Billy did such a great ride in the middle of the day, as hot as it

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A.J.'s been here 40 years, and he probably knows everything there is to know about this place.

## - Kenny Brack

Driver for A.J. Foyt
99
is," said the 63 -year-old Foyt, whose run in the roadster he drove to his first victory here in 1961 was at about 124 mph . "We knew we could run fast all week. Then we had that little accident, and for him to come back and do what he did today with the heat.
"Turn one is actually really bad with the wind. Probably if we had waited until later this evening, it's very possible we could have run a little faster. But could hay I look at the Indy 500 , it's the way I look at the Indy 500 , it's 500 miles, get in the race and worry about winning the race."
Foyt joked about his own exhibition run.
"That's about 100 mile-an-hour too fast for A.J.," he said.

Stewart was the first of the fastest drivers to qualify on the 2 $1 / 2$-mile oval. His 220.386 was very disappointing for both the

26-year-old IRL star and his elite Team Menard.
"We gambled today," a downcast Stewart said. "With what Foyt's guys were doing, we really had to pull something out of the bag. I told (team manager) Larry Curry I'd rather gamble than be conservative.
"Last year, we got a little conservative and ended up second to Arie (Luyendyk). This year, I thought, well, I'm either going to be quick or I'm going to crash, die trying. So I got the car a little bit too loose where I had to get out of the gas a couple times."

Brack didn't let Stewart keep the top spot long, qualifying at 220.982

He gave most of the credit to Foyt.
"A.J.'s been here 40 years, and he probably knows everything there is to know about this place," Brack said. "He gives you good tips. He knows what he wants and he's got super quick cars."

Second-time starter Greg Ray, who has been surprising people all week with his speed, bumped his way between the Foyt drivers with a solid 221.125 . That also relegated Stewart to the inside of the second row.

With qualifying cut from four days to two this year, there was a sense of urgency hanging over the speedway. The first day saw 42 attempts, and 26 were successful.

That leaves seven more spots in the 33-car starting field to be filled Sunday.

Among the drivers who made it into the tentative lineup on Saturday were six rookies, including Robby Unser, the 30 -year-old son of three-time winner Bobby Unser. His cousin Johnny, the son of Jerry Unser, who was killed in a
crash at the speedway in 1959 also got in on his second attempt. At least one Unser has made the Indy field in 35 of the last 36 years.

Luyendyk, who won the pole last year with an average of 218.263 and went on to win his second 500 , blew an engine in the morning practice and didn't make $a^{\bullet}$ qualifying attempt until the final half hour. He waved off the attempt after one lap at 214.618 .

There were four crashes on the busy day, with Jimmy Kite and Eliseo Salazar hitting the wall during qualifying attempts and Paul Durant and Tyce Carlson wrecking in practice.

Salazar, whose bruised left shoulder was the only injury, was among the 11 drivers who made qualifying attempts during the hectic final hour. But he stopped the bid after three laps at 216.225 .

The gun to end the first day sounded while Jack Miller was on the track for his second try. Miller was able to finish, qualifying with a solid 217.800

Buddy Lazier, the 1996 Indy winner, qualified in the middle of the fourth row at 218.288 .

Luyendyk, the only other former champion entered in the 82nd 500 , is the biggest name not yet in the field. Others who will try to qualify Sunday include Mike Groff, Lyn St. James; the only woman entered, Stephan Gregoire of France, Claude Bourbonnais of Canada, Joe Gosek and Hideshi Matsuda of Japan.

Once the field is filled Sunday, the slowest drivers can be bumped out by faster qualifiers until the 6 p.m. end of time trials. The slowest driver in Saturday's qualifying was Billy Roe at 215.781 .

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# Cook wins Byron Nelson Classic and \$450,000 

## By Ron Sirak

Associoted Press
IRVING, Texas - John Cook came from four strokes behind on the back nine, helped by a water ball by Fred Couples on No. 17, and won the GTE Byron Nelson Classic on
Sunday with a closing-round 65.

Cook's 15-under-par 265 was three strokes better than Hal Sutton, Harrison Frazar and Couples, who never trailed in the final round until he made a triple-bogey 6 on No. 17
"I just tried to keep my head about me and not make to many mistakes," Cook said "What happened to Fred was a shame but sometimes that's what you need to win a a tour nament."

Tiger Woods, the defending Byron Nelson champion and winner last week at the BellSouth, made a run at the lead early but finished at 272 , seven strokes back.

Couples started the day two strokes ahead of Frazar, his playing partner, and four strokes ahead of Cook. The lead grew to three strokes when Frazar made a bogey on No. 2, three-putting from 25 feet.

Couples was cruising along comfortably when in a matter of minutes a three-stroke lead became one. While Cook, playing in the group in front of Couples, had a gimme birdie on No. 13, Couples' ball was against the lip of the fairway bunker at No. 12.

He popped it out, pitched to the green and missed a 20 -foot try at the par-saving putt.

Cook, who trailed Couples by four strokes when he turned to the back nine, pulled into a tie at 15 under par with a 7 -foot birdie putt on No. 14, his fourth birdie in six holes.

Couples got the lead back on No. 15 when he rolled in a 7 -foot par putt moments after Cook made a bogey when he had to lay up short of the green from the left rough.

Cook wisely played an iron from the right rough on the par- 5 16th, instead of trying to hit a wood. He was then able to play a wedge from the fairway to four feet and made the birdie.

Couples drove into the left rough on No. 16 and tried to hit a wood, pulling the ball into a bunker left and well short of the green, leaving one of the hardest shots in golf - a sand play from 58 yards.

## Byron Nelson Scores

Final scores and money winnings Sunday of the $\$ 2.5$ million GTE Byron Nelson Classic on the 6,924-yard, par-70 TPC at the Four Seasons Resort and the 6,846-yard, par-70 Cottonwood Valley Golf Course:
John Cook
$\$ 450,000 \quad 265$
Hal Sutton Fred Couples Harrison Frazar Steve Stricker Scolt McCarron Phil Mickelson Bob Friend Tim Herron Clark Dennis Clark Dennis
Jim Carter Tiger Woods $\$ 186,667$ $\$ 186,667$ 268 $\begin{array}{ll}186,667 & 268\end{array}$ $\begin{array}{ll}\$ 186,667 & 268\end{array}$ $\$ 100,000 \quad 269$ $\begin{array}{ll}\$ 83,750 & 270 \\ \$ 83,750 & 270\end{array}$ $\$ 83,750 \quad 270$ $\$ 67,500 \quad 271$ $\$ 67,500 \quad 271$ $\$ 67,500 \quad 271$ $\$ 52,500 \quad 272$
He left the ball 25 feet from the pin and ended up making a par on a definite birdie hole.
Cook almost out-thought himself on the par-3 17th, playing safely away from the water to the center of the green. But it left him with a 45 foot putt he hit eight feet past the hole, but he made it coming back to save par.

Couples, meanwhile, was standing on the tee watching. He went right at the flag and watched helplessly as the ball drifted right, bounced off the rocks and back into the water.

The splash was a reminder of the double-bogey 7 he made on No. 13 in the final round of the Masters - also hitting into the water - as he finished second, one stroke behind Mark O'Meara

Woods made four birdies in five holes beginning at No. 7 and got to nine under through 11 holes while Couples was at 14 under through three.

On No. 15, Woods hit a brilliant bump-and-run shot from 183 yards out beneath a tree in the right rough. The ball hit about 20 yards short of the green and bounced and olled within six feet of the hole, seting off a thunderous roar from the massive gallery.

But Woods missed the birdie putt, the first of four consecutive 6footers he missed on the last four holes as he finished with a 67.
"T'm really close," Woods said about his game. "I hit the ball good in spurts and putted good in spurts, but I couldn't do both together."

Woods will play next at the Memorial Tournament in two weeks.


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## USA looking forward to World Cup

Associated Press
San Jose, Calif. - With Tab Ramos and Joe-Max Moore returning to the lineup, the USA National Team is beginning to return to full strength just in time for the World Cup.

Moore, who hasn't played since spraining his left knee on Feb. 21, played all 90 minutes of the USA's 0-0 tie against the Former Yugoslav
Republic of Macedonia on Saturday in an exhibition match at Spartan Stadium.

Ramos, who played 60 minutes, hadn't played sinc Oct. 2, 1997. He tore ligaments in his right knee
"It will take time for Moore and Tab to become

## Macedonia and USA end game scoreless

more familiar with their roles within the system," said USA coach Steve Sampson. "It was very positive that we were able to give them as much time as we did. I take it as an advantage having given them a signifi cant amount of time already."

USA is also expected to get Frankie Hejduk (right hamstring strain), Claudio Reyna (right calf strain) Ernie Stewart (left ankle sprain) and Eric Wynalda (left knee cartilage tear back in time for its next exhibition tear back in time for its next exhibition match 'm looking forward to next week," Sampson said "I'm looking forward to next week,"

USA did lose one player during Saturday's match Brian McBride, with a concussion

Associoted Press
San Jose, Calif. - The USA National Team may have been disappointed in the result, but they were happy with their performance.

After a series of near-misses and nice saves, USA battled the Former Yugoslav Republic of Macedonia to a $0-0$ tie on Saturday at Spartan Stadium in front of a crowd of 23,861 .
"We did everything but put the ball in the back of the net," said USA coach Steve Sampson. "We certainly had many opportunities. We dominated the game and controlled the midfield."

The USA is 8-3-4 over its last 15 games, while Macedonia, who failed to qualify for the World Cup, is 2-$0-3$ against World Cup qualifiers in the past two months.

That was a great test for us," Sampson said. "They are not a weak opponent by any stretch."

Cobi Jones had a chance to get the USA on the scoreboard with less than nine minutes to play, but his shot to the far corner of the net was swept away by Macedonia defender Toni Micevski.

Brian McBride, who suffered a grade one concussion and left the game in the 63 rd minute after knocking heads with Macedonia's Ljubo Milosevic, had a particularly frustrating evening.

McBride missed four headers, three in the first hal from in front of the net. His first miss was an open net shot from six yards out that sailed over the net. The shot from six yards out that sailed
other three misses were barely wide.

Near the end of the first half, Chad Deering took in Thomas Dooley's long ball and fed Joe-Max Moore, in his first game since he sprained his left knee on Feb. 21 against Holland. Moore's left-footed shot just missed.

USA goalkeeper Kasey Keller made a one-handed save early in the first half, then the USA defense made three quick stops afterward
"The mood in the locker room is one of disappoint ment," said USA defender Mike Burns. "We thought we should have won this match. We created enough chances to win."

Tab Ramos made his first appearance for the USA since Oct. 2, 1997 against Jamacia, after which he tore the ligament in his left knee
"I was just happy to be back on the field," said Ramos. "Im just trying to become, again, a part of the group."

The USA has two remaining exhibition matches before World Cup play begins in France in June. The United States, currently ranked No. 15 in the world, will play Kuwait in Portland, Ore. on May 20 and Scotland in Washington D.C. on May 30

## San Jose Clash shutout

 Miami Fusion at home
## Asscione Peess <br> SAN JOSE, Calif - Andy Kirk made the most of his chance, and it resulted in his first career shutout Kirk made five saves and Ronald Cerritos scored two goals the San Jose Clash edged as the San Jose Miami Fusion, 2-0, in a Major League Soccer match Saturday at Spartan Stadium <br> "I feel I can play at this level," Kirk said. "You just have to keep going at it day after day. It's a matter of thinking positive." <br> In its second straight win, the Clash (4-6) scored its first goal <br>  <br> San Jose Clash travel to San Luis Obispo next Monday to take on the Central Coast Roadrunners in Mustang Stadium.

 when Cerritos converted a penalty kick at $33: 35$ of the first half. It was Cerritos' fourth goal of the season.Eddie Lewis had centered the ball into the penalty box, where Miami's Cle Kooiman was called for tripping Jeff Baicher.

Cerritos shot the ball into the left side of the net past Fusion goalkeeper Jeff Cassar, who had gone right.

Cerritos added his second goal at 80:41. He dribbled into the penal ty area, and was able to shoot the ball into the left corner of the net past Cassar.

The Fusion (5-5) had two good chances to score in the first 15 min utes. Henry Gutierrez had a point blank shot blocked by Kirk in the 11th minute, while Pablo Mastroeni shot the ball over the net in the 15th minute.

Kirk also made a fine save on Dan Stebbins' free kick from just
outside the penalty box in the 23 rd minute.

In the 53rd minute, Kirk was able to tip a shot by Miami's Leo Cullen over the net.
"When he first came to the team, he understood his position was backup (to David Kramer)," said Clash coach Brian Quinn. "But it was easy for me to give him another chance."

Cassar made two saves on Cerritos in the second half. In the 66th minute, Cassar came out to challenge Cerritos and made a sliding stop.

In the 67th minute, Cerritos dribbled free into the penalty area, but Cassar again met the challenge with a sliding stop.

In the 71st minute, Cassar came out to challenge a Baicher shot, but missed. Baicher had an open net, but Cullen was able to get back in time to sweep the ball free

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Young said Jepson, who has only practiced with the team a little more than 10 times, is doing a good job of adjusting to their game, but he still has plenty of work to do. Jepson said he plans to work on it. "I'm going home for a little while during the summer," said Jepson. "Ill keep training with my dad. But he's going to have to do some adjusting too. He's going to have to give me pointers, not from his coaching style, but from the style Cal Poly would use."
Jepson said in order to help his dad help him, he will bring some tapes of Cal Poly football games home for his father to review.

Coach Welsh is confident Jepson's abilities
"He's got great potential," Welsh said. "He's still getting used to our system of playing.
Welsh said that Jepson did not play as well as expected during the Green and Gold Game, but not all of that was Jepson's fault.
"The weather conditions and the fact that he has not played with us that many times made it difficult

Sophomore runningback Craig Young, half of the Cal Poly football team's offen sive dynamic duo, has only practiced with Andy Jepson about 10 times so far.
places where I've seen people play
for themselves and not for the team. Here they play for the team. 66 It's great to be a part of that."
Young agreed that a team's Young agreed that a team's
quarterback keeps the players united.

## "You

a decent quarterback "Youn a decent quarterback," Young said
"You need a quarterback that's going to be a good thinker out there, that can make the right calls. It's not just about throwin the ball, he has to be a leader and he has to be in control of our offense and that's what we need of need someo
Jepson said he'd like to take on hat role and has no doubts in his abilities.
"Not only am I here to play,

Andy's a great guy, and a pretty levelheaded person on and off the field. We just need someone to step up and play the role as our starting quarterback and take control of our offense.
-Antonio Warren
Cal Poly runningback
"Not only am I here to play"
Jepson said. "Im

Daily photo by Dovid Wood

Junior runningback Antonio Warren, the other half of the dynamic offensive duo, will be at the other end of the hand off from Andy Jepson this season.
 t's great to be a part of that We need someone to be in control said I didn't want to start. I do. That's what I am here for."

Jepson said no matter who starts, he loves the feeling he gets from the team.
"They're all great guys," Jepson said. "I've been

## QUARTERBACK

from page 16
"It's been hard leaving my family, especially my little sister," Jepson said, "but they have all been very supportive in my decision because they want me to do what is best for me.
Jepson said it was not hard to get used to the SLO life, but that he is still trying to adjust to the changes he has to make on the field.
"It's different," Jepson said. "I haven't quite got everything down yet, but I am practicing hard."

Antonio Warren and Craig Young are both supportive of Jepson's efforts to become the starting quarterback, but pointed out that he has some big shoes to fill.

LLast year we had a really good quarterback, two good quarterbacks, in Ali and Nate and this year we are trying to find someone to step up and take their place," said Young. "Football-wise you know, both Andy (Jepson) and Chad (Henry) are trying to learn everything right now. They're trying to learn the system as a starter and not a backup player."
of the best friends
for Jepson," Welsh said.
But he said it will be a long time before he gives up on Jepson. He's still in a position to take over on the field.
"Andy's a great guy and a pretty level-headed person on and off the field," Warren said. "We just need someone to step up and play the role as our starting quarterback and take control of our offense."
"I think he's got the ability to do it," Young said. "But it's more like he has to learn all the routes with the receiver, when they break, how many yards. He has learn how to start reading the defense, and he'll be all right."

Jepson said he's pleased with the support he gets, and expects to live up to those expectations.
"Chad is a great quarterback and a good guy," Jepson said. "He's probably one of the best friends I

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## SPORTS

## SPORTS $_{\text {BAR }}$

Sports Trivia
Friday's Answer:
The new World Golf Hall of Fame is located in Ponte Vedra Beach, Florido. Among the 64 nominated for induction are Greg Norman, Mark O'Meara, Nick Price and Payne Stewart.

Congrats Travis MacAlister! Today's Question:
Name the los Angeles Dodgers' cotcher who was just troded to the Florida Morlins. submit your answer to: kkaney © polymail.calpoly edu

Dally Poll
What is your favorite
Cal Poly team to watch?
Cost your vole on the web.
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## SCORES

Central Coast Roadrunners
Roadrunners
Cruisers

## BRIEFS

Galaxy crush Crew
COLUMBUS, Ohio - Martin Machon scored three goals to lead the undefeated Los Angeles Galaxy past the Columbus Crew 4-2 Sunday.

Machon's first goal came in the first minute of the second half and tied the game at 1-1. Machon headed a rebound into an empty net in the 75th minute and came back 10 minutes later with another header that gave the Galaxy (9-0) a 3-2 lead. Summer Soccer Series Doily Stoff Report

The Cal Poly men's and women's soccer teams are teaming up to present the Cal Poly Summer Soccer Series. Five daycamps will be offered for boys and girls ranging in ages 5-17.

Each camp costs $\$ 75$ and spans four days

The camp offers local children a chance to get away from the television, into the sun and work on their soccer skills.
"We have the finest facilities on the Central Coast and we saw a need for a quality day camp, as a result Wolfgang (Men's head soccer coach) and I decided to combine our efforts to help develop young soccer players," stated women's head soccer coach Alex Crozier in a press release.

The first camp, June 22-25, is for co-ed children ages 5-12 at the Cal Poly Rec Field.

The second camp, July 6-9, is for co-ed children ages 5-12 at the Cal Poly Rec Field.

The thind camp, July $13-16$, is for girls only ages 5-17 at the Cal for girls only ag

The fourth camp, July 20-23, is for boys only ages $5-17$ at the
Cal Poly Rec Field.
The fifth camp, July $27-30$, is for coed children ages 5-17 at the Los Osos Middle School.

## Jepson set to throw the distance



## 66

It's been hard leaving my family, especially my little sister, but they have all been very supportive in my decision because they want me to do what is best for me.

Andy Jepson
new Cal Poly Quaterback
99

Junior Andy Jepson traveled across country to join the Cal Poly football team. He has big shoes to fill and more than 60 team members to connect with in time for the season opener in Sept.

## By Joime Zuffoleto Doily Stoff Writer

Moving from one small town to another may not seem like such a big deal, but it was the opportunity Andy Jepson Lhad been waiting for
"I talked to a few colleges my senior year in high school, but none of them were what I wanted,"Jepson said. "I thought that I had the potential to get more than they were offering, so I decided to play football at lowa Central.

At Iowa Central Community College, Jepson played under the direction of his father, head coach Mike Jepson. Jepson said his father has always been helpful and supportive in his football career. Jepson's reputation at Iowa Central drew the attention of Cal Poly Head Coach Larry Welsh
"We told him that we were interested in him," Welsh said. "He was our No. 1 recruiting choice and we were glad to see him decide to play ball for us."

Jepson, a business junior, said Cal Poly made a good impression on him. He said he was appreciative of the respect and the intentions presented to him during the recruiting process.
"I really appreciated the recruiting style that Cal Poly had, it was one reason I decided to transfer here," Jepson said. "They were very honest with me and let me know everything right from the start.

One of the things they offered him was a full scholarship to attend Cal Poly. Jepson said he could not turn it down.
"Cal Poly has a great reputation," Jepson said. "Everybody knows that Cal Poly is a great school academically, and that is my No. 1 priority. When I came out here to meet the guys, it was a great feeling from the start."

Jepson said that feeling secured his decision to enroll at Cal Poly Jepson transferred to Cal Poly at the beginning of spring from Indiana, more than 2,000 miles away.

See QUATERBACK page 15



[^0]:    See NUCLEAR pog" ${ }^{9}$

[^1]:    and provides recommendations accordingly.

[^2]:    Typing of: Sr. Projects / Thesis \& Typing of: Sr. Projects / Thesis \&
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