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SPORTS



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SPARTAN DAILY

Volume 105, Number 7

Published for San Jose State University since 1934

Monday, September 11, 1995

Pub is brewing something new

Underaged students are target audience for changed menu

By Shawna Glynn
Spartan Daily Staff Writer

The San Jose State University Spartan Pub is no longer a spot on campus reserved for patrons old enough to drink. A new 18-year-old and older policy at The Pub provides a younger clientele and a "hang out" type of atmosphere with emphasis on the menu.

The decision to petition the Alcohol Beverage Control Department to change the former 21-year-old and older license came after recognition that The Pub was continuously turning people away because of their age.

"So many of the students on campus are younger, and The Pub

is a nice meeting place," said retail operations manager Nina Kalmoutis. "By changing the age to 18 and up, we are able to accommodate more people."

Ron Duval, executive director of Spartan Shops, said much of the recent change coincided with a trend toward more control in alcohol consumption.

"Alcohol sales had been declining, and changing the age to 18 was a financially sound decision," Duval said. "We are now de-emphasizing The Pub as a party place and promoting it as a place to eat."

Although the petition to change See **Pub**, page 5

Engineering clubs expand network

By Elaina Medina
Spartan Daily Staff Writer

Despite the sweltering heat, SJSU engineering students gathered on the lawn in front of the Engineering building from 10 a.m. to 4 p.m. on Wednesday and Thursday for Engineering Rush '95.

The event, put on by the Engineering Student Council (ESC), was the first engineering rush in the history of SJSU.

"This is the first time we've done something like this, we are trying to bring all the (engineering) clubs together. We want to make sure everyone knows what's going on with other clubs," said Robert Kusters, vice president of ESC.

Fourteen of the 22 engineering clubs participated in the event. Emily Sklar, president of ESC, said the clubs would like to recruit more members because clubs pro-

vide a good social network for students. This year most of the clubs met or exceeded the goal of signing up ten or more new members.

Gregory Appel, a representative of the American Society of Mechanical Engineers, said they signed up 31 new members this year.

Appel said it is often difficult to sign up new members because engineering students have such a heavy course load and often do not set aside time for extracurricular activities.

"Getting involved with clubs gets them more involved with social events," Appel said. "A lot of people join because it looks good on a resume and for professional contacts. Once we get them, we get them involved in social events like picnics, industry tours and softball games."

See **Engineering**, page 5

CAMPUS FOCUS

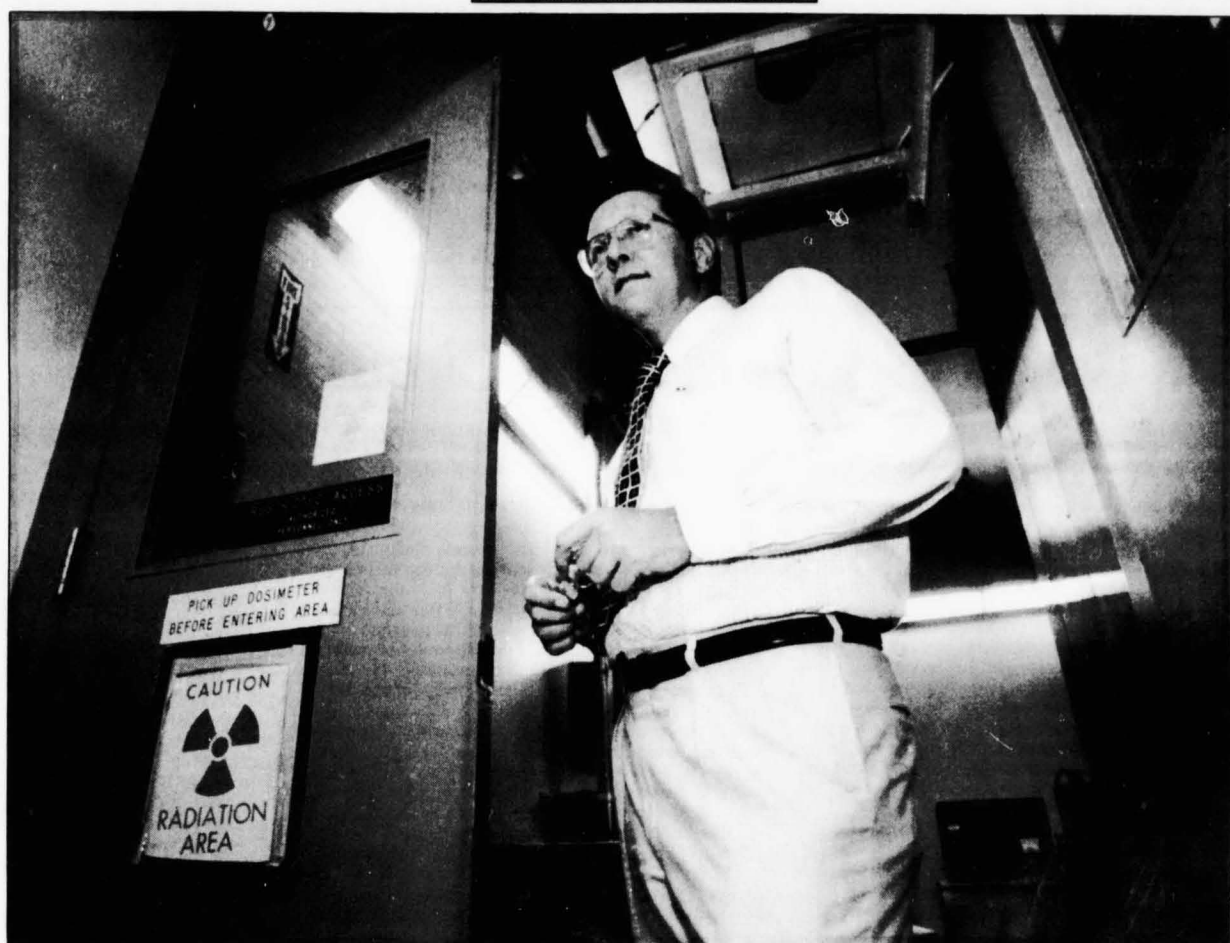


PHOTO BY JAY L. CLENDENIN — SPARTAN DAILY

Radiation safety officer Norman McElroy is in charge of maintaining safe radiation levels in the teaching facilities beneath Duncan Hall.

Secrets of Duncan Hall

Nuclear lab and tropical greenhouse buried within building

By Julie A. Galvan
Spartan Daily Staff Writer

To the casual passerby, Duncan Hall is just the building between the Seventh and Fourth street garages. To others, it's the science building, with nothing more interesting in it than bugs stuck to boards on pins and stuffed animals in glass cases.

"It's so quiet, it's like a morgue," said Michael Spino, an athletic training major. "And the elevators never come down or up. You always have to walk."

The truth is that with a little patience, the elevators eventually arrive and travel from top to bottom — from the greenhouse on the roof to the nuclear science facility underground; two relatively unknown places on the SJSU campus.

"I had no idea we had those facilities here," Spino said. "It's actually pretty cool that there are things like that available on campus."

Spino, who takes a chemistry class in Duncan Hall on Fridays, See **Secrets**, page 5

Hey ... is this my locker?



PHOTO BY JAY L. CLENDENIN — SPARTAN DAILY

Michael Spino does inventory of his locker supplies for his Chemistry 30A class on the sixth floor of Duncan Hall, Friday. Spino, a junior, is an athletics training major taking an introduction to chemistry class in order to prepare himself for physiology next semester.

Life itself turns inspiration for artist

Ceramic show centers around roles women play in patriarchal society

By Chris Morris
Spartan Daily Staff Writer

Four ceramic figures standing upright in a dim gallery in the Art building are the sculpted work of Tessie Barrera-Scharaga, a senior majoring in fine arts.

"Body of Knowledge" is the title of her display, which centers around the roles women have performed in patriarchal societies. "(I'm) talking about traditional roles women have had in society," Barrera-Scharaga said.

The process of creating the

ceramic figures started about a year ago, with her researching the origin of the different roles women have played.

"(I) try to figure where these roles come from," Barrera-Scharaga said. "Where certain sections of population are geared to one role, while other sections are geared toward another."

Life itself was Barrera-Scharaga's inspiration for the ceramic figures. She drew upon what she has seen, observed and lived, as well as what other people have gone through,

she said. The ceramic figures weren't sculpted from one inspiration, instead they came from the many different inspirations she received while working on the them.

Barrera-Scharaga's reason for sculpting the ceramic figures in vertical fashion was to have pieces in a room where people can walk around, and to have them close to the height of people.

Three of the four figures are wrapped tight in light-colored See **Secrets**, page 5

Student's electronic access purged over summer

Efforts to clear clogged database backfires

By Justin Carder
Spartan Daily Staff Writer

San Jose State students who use the university computer system returned from the summer break to a startling surprise.

"We've purged every one," said Carl Vigil, director of Computer Operations and Support at SJSU. "All student accounts have been cleared."

The student accounts, which

allow users to access electronic mail and other resources on the campus VM and UNIX mainframes, were reset by Information Systems and Computing during the summer to clean up cluttered databases and eliminate dead weight.

"We had accounts that hadn't been used in a year," Vigil said. "We need to clear that kind of stuff out."

"Our database was just so loaded and clogged," said Rich Sol, interim associate vice president. "There was no way to clear up who had a

valid account."

According to Vigil, it had been standard practice to cancel student accounts every summer. Last summer, however, the accounts were not deleted because control of campus computer operations was restructured.

"The resources were just not in place," Vigil said.

This summer the university was able to execute the process that will now occur every year.

But last spring nobody told users See **Grant**, page 5

SPARTAN SPEED READ

20 million on net

It appears that the actual number of people on the internet has reached 20 - 30 million depending on who is being counted.

— Page 3

Population growing

After years of decline, school enrollment is on the upswing in the Golden State. More than 5 million students are enrolled in public schools.

— Page 3

Spartans suspended

Starting defensive backs Maurice Simpson and Wardell Crutchfield and reserve DB R.B. Bonner didn't play in SJSU's loss to USC Saturday.

— Page 4

Tournament loss

The San Jose State University men's soccer team finished fourth out of the four teams who competed in this weekend's Diadora Classic.

— Page 9



—The Other Side—

The Grand Old Three Ring Circus

Ladies and gentlemen, boys and girls, step right up and enter the big top where we have assembled some of the most incredible sights and sounds for your entertainment. You won't believe your eyes and you won't believe your ears! Step right up!

In the center ring we present Senator Bob Dole who will try to juggle as many public opinion polls as he is old! That's 72 opinion polls!

He says he's not too old to do it, he has even had advice from one of the greatest jugglers, President Richard Nixon. Even though Nixon retired from the presidency to avoid certain impeachment, Dole believes Nixon's coaching is going to help him achieve this great feat. We can only wonder what other tips Nixon gave to Dole.

Now, ladies and gentlemen, boys and girls, let me introduce you to another of our big top entertainers, Pete 'Flip' Wilson! Pete, you don't mind if I call you Flip do you?

"Of course not."

"Why don't you tell the boys and girls out there exactly how many flips you have done."

"Oh, I couldn't begin to tell you. I've done so many flips throughout my long career I've lost count."

"Do you think you could do a flip for us today?"

"I'll do my best."

"Say, didn't you tell us you were going to do some trapeze stunts for us today?"

"Well, no I did not."

"But I have a recording here where you tell us you are going to do some trapeze stunts for us."

"Well, that was not what I meant. I meant that I would if I did not change my mind."

"And?"

"And I have changed my mind. I will not do a trapeze stunt."

'Ladies and gentlemen, let's hear it for Pete 'Flip' Wilson!'

"Ladies and gentlemen, let's hear it for Pete 'Flip' Wilson!"

"Now, ladies and gentlemen, boys and girls, if I haven't given you enough reasons to step inside the big top, this will surely entice you to enter. You've heard of Houdini, you've heard of Copperfield. But here, in our big top, we have one of the greatest magicians of all time. He makes Houdini look like a trickster. Copperfield an over-tanned charlatan.

"We present for your entertainment Senator Phil Gramm."

"Not only can he make extremely competent Surgeon General nominees disappear without a trace, but in 1979 he helped a two-time convicted felon escape from prison with nothing more than a stroke of the pen, even when the parole commission told him that 'further incarceration is appropriate.'"

"Ladies and gentlemen, boys and girls, that is only a small part of our great show in the big top. If the big top isn't for you, please don't forget about our side show with Lamar Alexander, Arlen Specter and Dick Lugar and their great flea circus!"

"And be sure not to miss our nationally acclaimed snake oil salesman Ross Perot!"

"Step right up!"

A. J. Nomai is a
Spartan Daily
Columnist.

His column will appear every alternate Monday.

—Newsroom Voices—

WWI revisionists can't pass judgement

He was barely 18 years old when he traded in his high school graduation cap and gown for army fatigues and a rifle. His life was not his own as he dutifully enlisted in the army to fight for his country in the Great War.

He didn't know where he would be assigned or if he would ever return alive. When the war was finally over, he did return to live a full life, and became a husband, father and grandfather. This man is my father.

I was born 17 years after World War II ended. I grew up hearing stories about the war and what it was like in Europe from my dad. My mother would tell me about how much the country feared Hitler and the Japanese.

It was a different time then. The U.S. was not considered a superpower and the atomic bomb was something new. It was also brutal. But I also disagree with the argument of revisionist historians on the decision to drop the atomic bomb on Hiroshima.

Some revisionists say the atomic bomb was an immoral act, and that WWII veterans merely want to feel good about their war, and will justify the bomb.

No war is moral, and I believe you won't find any servicemen wanting to feel good about the killings and atrocities of any war. But I also believe that these revisionists have no idea what it was like to live through that war, or if so they have forgotten.

Many men lost their lives fighting for our country. Like my father, many men did not fight so they could say 50 years later they "feel good about their war."

I'm not saying that incinerating

a city is okay. In fact, I'm against the use of atomic weapons and warfare. However, the bombing of Pearl Harbor was not okay, the brutal atrocities that took place in the Pacific were not okay. None of the brutal fighting and attacks from Japan were okay. We need to remember that Japan was not merely a victim of the war, but they were also an aggressor.

I don't see veterans taking pride in a bombing that left a city in ashes. I just think they were thankful that the war was over and there would be no more killing and dying for either side.

It is too easy for revisionist historians to sit in their 90s living room, surfing through hundreds of cable stations while sipping their microbrewed beers and judge a decision that was made 50 years ago.

It was the responsibility of the United States to protect themselves from an enemy, and doing it with the least amount of American lives lost.

General Patton once told a group of soldiers not to die for our country, but let the other guys die for theirs. We should not deny the gruesomeness of the atom bomb, but we also should not deny what was really going on at that time in history.

It is good to look back at history and learn lessons from it, to understand how horrible a war like this can be. But I don't think it is fair to say to the veterans who lost their lives and to the

It was a war, and there are over 100 of them going on in the world today. What will be said about those 50 years from now?

men who returned alive, "we think what you did was wrong."

It was a war, and there are over 100 of them going on in the world today. What will be said about those 50 years from now?

If the war had continued on the same path, many more men would have died. Many of us wouldn't be here today because our dads and granddads would never have had the chance to become a father.

I'm glad that 18-year-old soldier was not killed. I'm glad he survived the Great War—I wouldn't be here today if he hadn't.



Danielle Costa is a
Spartan Daily
Staff Writer

Attention, Artists!

The Spartan Daily is actively recruiting San Jose State artists interested in drawing political cartoons.

Political artists should have good drawing skills, keep up with current events and have a strong position on issues.

If you are interested in becoming a Spartan Daily political cartoonist, submit your cartoons at the Spartan Daily office in Dwight Bentel Hall, room 209.

Submissions should include the artist's name, address and phone number.

The cartoons will be reviewed by Spartan Daily editors and artists will be notified by phone if their cartoons are to be published.

SJSU is like a cruise ship

Despite all of the negative remarks I hear from other students about how unhappy they are at SJSU, I can honestly say choosing to attend this institution may prove to be one of my wisest decisions.

Don't get me wrong, I've had my share of problems, mainly parking tickets and incidents with a few faculty members who should really consider a career change, but overall, the benefits of attending this school outweigh the drawbacks.

Colleagues from all over the world meet on our campus, people from many different economical, political and social backgrounds. Students, who would be fighting one another if they were in their home countries, sit with each other in our classrooms.

With over 95 nations represented on campus, I am learning more about culture and history through my classmates than any textbook could give me. These experiences have schooled me in the true meaning of international relations. I think learning to interact with people from different parts of the world is an essential part of a good education.

Over the summer, I went on a cruise to Mexico. The people that I enjoyed hanging out with while on board were not the supplied passengers drinking themselves into oblivion on the Lido Deck every afternoon or the sun-dried men drenched in bad cologne staggering from club to club hoping to find that special someone who's had one too many. Instead, I spent the days we were at sea talking to the people who worked on board the ship.

The ship's crew resembled the culturally diverse community at SJSU. The ship had over 500 employees on board, most of whom were about my age. I found I had a lot in common with many of them and I could communicate easily with them. I talked to them about my life in the United States and what it's like to go to school here. In exchange, they told me about their life's journeys.

Their stories of hardship and instability made my life look like a Disney movie. Many of them told me they would give anything to be able to attend a university in the United States. I met a 25-year-old

doctor from Rumania who worked in the dining room. Dr. Damian said he had attended a university for five years in Rumania and earned a degree in medicine, but when he tried to leave the country the government twice denied him passage. He had to lie to get out of the country and earned more money as a busboy on the cruise ship than the meager \$300 equivalent he would have earned as a doctor in his own country.

My cabin steward, Sumschit, shaped my towels into little origami animals every morning when he came in to clean my cabin. He told me that his mother back home in Thailand taught him how to make the frogs, lobsters and fish that appeared on my bed each day.

My favorite bartender was from Colombia. He was a dancer and he could dance across the deck while balancing a tray of drinks. He made me a rose out of a straw and a grenadine-stained napkin. By the time we docked in Mexico, I had met and gotten to know most of the dining crew and bartenders on board the ship.

The first stop, Puerto Vallarta, in the state of Jalisco, was the closest I'd get to my own ancestors in Michoacan, which is just south of Jalisco. I wanted to walk the city and try to discover my roots. Other than knowing my father and his parents were from this part of Mexico, I knew nothing of my heritage and family in Mexico. I craved knowledge about my own family's history and reasons for coming to California in the 1940's.

I discovered a city rich in historical beauty and a culture struggling with widespread poverty and sickness. The cobble-stoned streets are crumbling and the gutters overflowing with sewage. Despite the harsh environment, I felt a connection to the people and the land.

The Mexican people greeted me with warmth and friendship. Everywhere I went, little children that had my facial features and my eyes followed me through the city. The people I encountered were hard-working mer-

I have immense respect for my classmates who have overcome great odds to attend college.

chants and artists who had to depend upon tourists for their income to survive.

I met an 11-year-old boy named Juan working barefoot in the warm rain, selling gum and wilting flowers. He had to work to help his family survive. Juan hoped to someday be able to attend school every day. His favorite subjects were math and English. Juan was a good little salesman, and I bought all of his little packets of gum.

The people I met in Mexico and the people I met on board the cruise ship affected my attitudes towards some of my colleagues I go to school with.

I have immense respect for my classmates who have overcome great odds to attend college. I welcome those who have traveled from other parts of the world in search of a better life for themselves and their families.

If only every university in the world could give students the understanding that no matter what race, religion or social class your classmates may belong to, we are all here to get an education.

Students who say things like "this school sucks" and constantly complain about the education they are receiving should realize that an education is only as good as what you put into it. If they are unhappy with the campus environment, why waste everybody's time? Give their seat to someone who wants to learn.



Elaine Medina is a
Spartan Daily
Staff Writer

Opinion page policies

The Spartan Daily is committed to sharing broad range of opinions with the community, and readers are encouraged to express themselves on the Opinion page with a Letter to the Editor or Campus Viewpoint.

A Letter to the Editor is a 200-word response to an issue or point of view that has appeared in the Spartan Daily.

A Campus Viewpoint is a 300- to 500-word essay (two double spaced pages) on current campus, political or personal issues.

Submissions become the property of the Spartan Daily and may be edited for clarity, grammar, libel and length. Submissions must contain the author's name, address, phone number, signature and major.

Submissions must be typed or submitted on a 3.5" disk using Microsoft Word on the Macintosh. Always provide a printout of the piece.

Submissions may be put in the Letters to the Editor box at the Spartan Daily office in Dwight Bentel Hall room 209, sent by fax to (408) 924-3237 or mailed to the Spartan Daily Forum Editor, School of Journalism and Mass Communications, San Jose State University, One Washington

Square, San Jose, CA, 95192-0149.

Editorials are written by, and are the consensus of, the Spartan Daily editors, not the staff.

Published opinions do not necessarily reflect the views of the Spartan Daily, the School of Journalism and Mass Communications or SJSU.

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J. Martin Nysted
Alumna

SPARTA GUIDE

SJSU's Weekly Calendar

TODAY

Alpha Kappa Delta Phi
Info Nite 7p.m. Sweeney Hall
Rm. 411. Call 792-2359.

Alpha Kappa Delta Phi
Rush Week Activities
Call 792-2359.

Career Center
On-Campus Interview
Orientation 3:30p.m. Student
Union, Almaden Rm.
Call 924-6033.

Chi Pi Sigma
Open House, AJ majors &
minors 1p.m.-4p.m. 230 S.
10th St. Call 998-8433.

Ice Hockey Club
Practice and tryouts for season
6:30p.m. Ice Centre of San
Jose. Call 223-9840.

Kappa Sigma
Continuing Recruitment
anytime, 168 S. 11th St. Call
294-5334.

KSJS 90.5 FM
Public Affairs Programming
Radio Drama Hour 12noon-
1p.m., Diagonally Speaking
5p.m.-6p.m., Radio Aztlan
Public Affairs 7p.m.-7:30p.m.
Call 955-4831.

Phi Delta Theta
3 on 3 Basketball/Monday
Night Football 6:30p.m. Phi
Delta Theta House. Call 920-
8015.

School of Art & Design
Gallery Shows
Ted Fullwood, Ceramics; Terry
Pirtle, B.F.A. Show; Helen
Wood, Painting; Suzy Mitchell,
Painting; Po Zhou, Ceramics
10a.m.-4p.m. Art Building.
Call 924-4330.

Sigma Phi Rho
Bud/Rhose Informational
4:45p.m. Business Classrooms
Rm. 103. Call 924-7946.

Sigma Nu
Monday Night Football &
Pizza in the Bleachers 6p.m.
Sigma Nu House. Call 286-
2248.

TUESDAY

Alpha Kappa Delta Phi
Luau Nite 7p.m. Student
Union, Council Chambers.
Call 792-2359.

College Republicans
General Meeting 4:30p.m.
Student Union, Pacheco Rm.
Call 881-8819.

**Human Resource Management
Association**
Orientation Meeting 4p.m.
Student Union, Costanoan
Rm. Call 448-0382.

International Studies Office
Information Meeting for
Spring 1996 Semester in Bath,
England, 12noon-1p.m.,
Business Classroom, Rm. 3
Call 924-5530.

Kappa Sigma
Rush Continues, anytime in
p.m. Kappa Sigma House, 168
S. 11th St. Call 279-9860.

KSJS 90.5 FM
Public Affairs Programming
Radio Drama Hour 12noon-
1p.m., Prime Audio Soup
5p.m.-6p.m., Radio Aztlan
Public Affairs. Call 955-4831.

**Library Donations & Sales
Unit**
Ongoing Book Sale -
Donations also welcome.
10a.m.-2p.m. Donations &
Sales Unit, Walquist Library
North, Rm. 408 & Clark
Library Lobby. Call 924-2705.

Phi Delta Theta
Ben & Jerry's Ice Cream Social
6:30p.m. Mett at Phi Delta
Theta House. Call 920-8015.

School of Art & Design
Gallery Shows
Ted Fullwood, Ceramics; Terry
Pirtle, B.F.A. Show; Helen
Wood, Painting; Suzy Mitchell,
Painting; Po Zhou, Ceramics
10a.m.-4p.m. Art Building.
Call 924-4330.

School of Art & Design
Tuesday Night Lecture Series:
Craig Nagasawa 5p.m.-6p.m.
Art Bldg. Rm. 133 Call 924-
4330.

Sigma Lambda Mu
Informational Meeting 3p.m.-
5p.m. Student Union, Council
Chambers. Call 295-6754.

Sigma Nu
Go Karts on Monterey Highway
6p.m., Meet at Sigma Nu
House. Call 286-2248.

Society of Women Engineers
General Meeting 12:30p.m.-
1:30p.m. Engineering Bldg.
Rm. 335. Call (415) 965-4879.

**Student California Teachers
Association**
Organizational Meeting &
Welcome Members 12:30p.m.-
1:30p.m. Sweeney Hall,
Rm. 332, LRDC. Call (415)
345-6046.

Sparta Guide is free!!! And available to students, faculty & staff associations. Deadline is 5pm two days before publication. Forms available at DBH 209. Entries may be edited to allow for space restrictions. Please print clearly and fill out a separate slip for each day the event will take place.

Internet tops 20 million

(AP) — The Internet may finally be as big as its hype.

Although figures of as high as 30 million users have been banded about for the last couple of years, it appears that the actual number of people on the net has reached 20 million to 30 million, depending on who is being counted.

Basing their figures on a survey of Internet hosts done last October and projecting forward, Internet demographers at Matrix Information Services in Austin, Texas, have arrived at a figure of 20 million interactive users for July 1995.

Interactive here means not just logging in to America Online or Prodigy, but jumping out onto the Worldwide Web or using another, Internet-wide resource.

"They now all permit their users Web access, but how many actually use it? If you say it's 25 percent of their users, we get 22.6 million Internet users. If you're real generous and say 'Let's count them all,' you get 29 — and that's 20 to 30 million Internet users," said Matrix' John Quarterman.

The Internet is actually only a piece of the global network of computer networks that can exchange electronic mail, Quarterman is quick to point out.

The number of people worldwide who can e-mail to each other — what Quarterman calls 'the Matrix' — is 35 million. People who are part of the Matrix but not the Internet don't have live interactive access to the rest of the net, but they can send mail.

However you count them, it's a lot of people.

Now that the net's gotten as big as everyone's been saying it was, it's also becoming a little congested in places. One "totally cool thing" (in the parlance of the net) that MIDS has put up on the Web is a way to see what's happening to all those

“ It's possible to clearly see usage patterns cross the continent from east to west, time zone to time zone,

John Quarterman
Internet demographer

packets which make up traffic on the net.

The MIDS Internet Weather Report is a kind of radar scan of the Internet as traffic ebbs and flows over the course of a day. Think of those time-lapse satellite weather maps they show on the news at night and you'll get the idea.

It's available at <http://www.mids.org/mids/weather.html>.

The weather report "pings" about 5,000 Internet sites around the world six times a day. Ping is a UNIX command which stands for "Packet Internet Groper," though it probably really got named for the sound a submarine's radar makes. The command checks a network host to make sure it's online and responding.

MIDS then boils all that information down into little movies which show round-trip times from their Austin office to the rest of the online world.

The Web page shows three maps, for Europe, the United States and California (the most plugged in of the states). Even without viewing them through the MPEG movie viewer, you can still see how long it took packets to get to each place (by size) and how many host computers are in a given area (by color). "You can see the latencies (times) changing with the time of day. In other words, you can see the Internet weather going off," said

Quarterman.

The European map shows the most amazing amount of detail. It's possible to clearly see usage patterns cross the continent from east to west, time zone to time zone.

"I'm almost convinced that I can see lunch hour in Madrid. The circle gets bigger, which means usage is going down — they've all gone home for lunch," he said.

The weather report also showed a distinct surge of activity in Moscow in the middle of the night, which as first didn't make any sense.

Quarterman tracked down a system operator in Russia who said, "Oh, sure." It turns out that most systems there run batches of file transfers late at night when their antiquated phone system is less stressed because no one's making calls, making it more likely that the messages will get through.

MIDS also posts what they call "theme" presentations, based on interesting tidbits of data, like a look at Internet traffic before and during the 1994 Northridge earthquake in Southern California.

In the future they plan maps of individual Internet backbone system, something like looking at an up-to-the-minute traffic map for the entire Interstate highway system, as well as adding interpretation and analysis as they go along.

Fate of L.A. beaches tenuous

County wants to regain control of costly coast from state

LOS ANGELES (AP) — The financially teetering county wants to take back control of eight beaches only four months after it turned them over to the state in order to save millions of dollars in operating costs.

"Why on earth would the county want to take on this long-term financial responsibility," said state Assemblywoman Debra Bowen, D-Marina del Rey. "Long ago I gave up trying to make sense of it."

The Santa Monica Bay beaches, which include Malibu, Manhattan and Redondo, are state-owned. Los Angeles County had managed them for decades — at a cost of \$4.3 million annually. After two years of failed discussions about being reimbursed, the county in May turned over the job to the state Department of Parks and Recreation.

The state Senate has approved the transfer back to the county, and the Assembly is scheduled to take up the matter as soon as Monday.

Opponents fear the county will try to commercially develop the

fragile beaches to raise money.

But county Supervisor Deane Dana, whose district includes the beaches, and county lifeguards support the change, calling it a safety measure. They note that the county lifeguards are connected to a 911 system, unlike their state counterparts.

Members of the lifeguards' union have sent a lobbyist to Sacramento and written hundreds of letters in support of restoring county control, lawmakers said.

Retaining the beaches might restore the 91 county lifeguard positions that were lost when they were transferred to the state.

California school population booming

Local economy could be answer, school officials say

SAN JOSE (AP) — After years of decline, school enrollment is on the upswing in the Golden State. This year a record number of students — 5.4 million — are enrolled in California public schools.

The Center for Continuing Study of the California Economy estimates that will rise to 7 million by the year 2000, up from 4 million in 1983-84.

Population experts say immigration patterns as well as birth rates are fueling the boom.

Since 1989, there has been a bumper crop of births — more than 4 million — in the United States, according to the Census Bureau. That number is considered significant because the last time the birth rate climbed above 4 million was during the baby boom.

Some population experts are calling the new surge the "baby boomlet."

Sixteen new classrooms would have to be built every day for the next six years for California to keep up with the burgeoning school population.

Where to put the additional students is only one part of the equation. Enrollment is growing at the

same time that financial support for schools has dwindled.

For certain districts that receive the bulk of their funding from local property taxes, increased enrollment presents another dilemma. While other districts receive thousands in state funding for each additional student, these districts receive only \$120 from the state when they gain new students.

California already has the largest number of students per teacher — 24 to 1 — in the nation. Some in education worry that those numbers will increase as enrollment continues to grow.

More and more districts are sponsoring bond campaigns to finance new construction or expansion.

During the late 1970s and early 1980s it was a different story. Districts were shutting down campuses as enrollments shrunk.

The situation in Santa Clara County is typical of the change, the San Jose Mercury News reported Sunday.

Enrollment is growing in all but a handful of the county's districts. Some school officials say an upturn in the local economy also is fueling the boom.

In the 1970s when Cupertino Union School District was at its peak it had 42 schools, for instance. Today it has only 22 open campuses — but the school population jumped last year, rising by 450 between October 1993 and October 1994.

The situation is similar in other locations, say school officials.

"I see a lot of young families moving to the area, enrolling their kids in our kindergartens," said Larry Aceves, superintendent of San Jose's Franklin McKinley School District. "And when I'm out in the neighborhood, I see lots of babies in strollers. Our future kindergartners."

This year Palo Alto Unified has its largest kindergarten enrollment — about 828 students — in more than two decades. That number is 105 students more than the previous year.

The boom has left many districts scrambling to find space for the new bodies. Libraries are being converted to classrooms.

AFFIRMATIVE ACTION

Panel Discussion

Sept 13, 1995
Student Union: Loma Prieta Room
6:30 p.m.

Moderator: Dr. Jose A. Carrasco
(Chair Mexican American Studies Department SJSU)

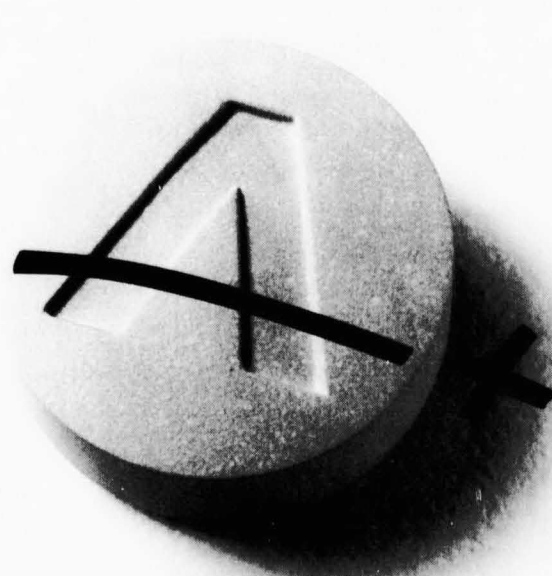
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•Dr. Steven Miller	African American Studies Department
•Mr. Alberto Cabrillo	Human Relations Department of Santa Clara
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Ceramics: Artist's work depicting women's roles dedicated to daughters

From page 1

cloth, like a mummy. Attached to these figures are items that symbolize the roles women have been conditioned to play. Each of the pieces connected to one of the three ceramic figures symbolizes one role women have endured.

One ceramic figure has baby bottles tied to it, which seemed to represent the nurturing-mother role women play. House-cleaning items and products, like a mop,

are tied to a second ceramic figure. This one illustrates women in the traditional role of being a housewife. The pieces clinking to a third ceramic figure highlight the message women receive regarding beauty. Hair curlers, beauty products, mirrors and hairbrushes signify the point.

All these items tied to the ceramic figures seem to help represent her thoughts on how many societies, over time, have bound

women to those roles.

The fourth ceramic figure stands free, having no cloth wrapped around it or items fastened to it. Instead, cloth lies around the base with nothing tied to it, which seemed to symbolize women breaking away from the traditional roles they've been given.

Barrera-Scharaga describes her drive to make the art in a statement posted in the Herbert

Sanders Gallery. "The challenge of making visible that which has been suppressed or silenced, that which is elusive, or that shames in a woman's experience, the need to express those things for which there is no language, the need to question, to resist, to challenge are all part of the motivational force that pushes me to make art."

The displaying of Barrera-Scharaga's art started last Tuesday with a reception. The reception

did well considering it was the first week for art being displayed, and in the past early showings have been typically slow, said Sarah Puckitt, the coordinator of Student Galleries.

The four ceramic figures don't comprise her entire display. A mirror hangs from a wall with four red symbols. Plenty of what appears in the gallery has a lot to do with the mirror's reflection of the four ceramic figures, Barrera-Scharaga

said. The four symbols refer to Jacques Lacan's diagram of human interaction. Lacan is a French writer who has written many theories about feminism.

Barrera-Scharaga's "Body of Knowledge" is dedicated to her two daughters, Amanda and Gabrielle. "You always want your children to learn from what you know, what you have experienced," she said.

Computer: Valuable data left in student files saved before clean-up

From page 1

this year's purge was coming.

"A lot of students were confused," said computer consultant Tommy Chow, who assists users in the Washington Square computer lab. "They were surprised when

they couldn't log in."

"There were a lot of assumptions made," said Vigil. "We thought the students would remember (that accounts used to be deleted)."

Fortunately for users who may have left valuable data in their files, information from the student accounts was moved from the university computers to tape backup before deletion.

"We saved all of the information for students because we didn't announce the plan," Vigil said.

Sol said that such backup measures will be the policy whenever student accounts are erased, part

of what the two officials say is a new dedication to meeting the needs of student users.

"We're trying to be more receptive to the community," said Vigil. "We've been doing a lot of research looking at what other campuses are doing. Most of the CSU campuses and even the UC are having problems."

According to Sol, the problems have one root: money.

"We will try to provide the access students want," said Sol. "If the funding can be provided—we have the technology. Our only limitations are what we can get from the

university."

What the campus will get by Oct. 1, according to Sol, is 60 new modems to complement the 40 that connect hundreds of off-campus users to the university mainframes. Money for the new modems came from a \$90,000 allotment from university funds for improving campus technology, Sol said.

"Sixty (modems) in the long run will just be a drop in the bucket," Sol said. "But it will help increase access and connectivity."

"I'm looking to add more lines, to add more servers, to add disks,"

he said. "I'm hoping to be able to give everyone and anyone a UNIX account in the spring."

Sol said he must discourage the average user from getting a UNIX account because of the lack of resources currently available on the system.

Presently, student UNIX users must have a professor validate their academic need to use the system. VM requires only a student application.

Sol said the VM system is adequate for students that only intend to use the network for e-mail leaving the UNIX environment for

programming and more advanced users.

Possible cooperative efforts with the engineering department may garner the university a grant from IBM and lay the groundwork for improving the campus network. A derivative of the improvements may be UNIX access for all student users and Internet instruction in the classroom.

"You can't require that you use a facility if we can't provide the facility," Vigil said. "It all comes down to money."

Event Center convenience store turns employee credit union

Editor's Note: In Friday's edition of The Spartan Daily, Danielle L. Costa's story on the SJSU credit union began on the front page, but was never continued in the rest of the paper. We apologize for the error.

By Danielle L. Costa
Spartan Daily Staff Writer

San Jose State University students will have to start toting their own thirst-quenching beverages to

the Sport Club when they workout.

Where the convenience store once stood in the Event Center, students and faculty will now find the Washington Square Federal Credit Union and the California State Employees Credit Union, tentatively scheduled to open on Sept. 18.

According to Cathy Busalacchi, executive director of the Student Union, Spartan Shops decided to discontinue their store in that location because it was costing them more money to operate than they were making.

The employees credit union has been trying to establish a branch on campus for many years and when space in the Event Center became available, California State University administrators felt it would be a good match. The employees credit union then decided to share the space with the students credit union.

According to Bruce Cochran, associate professor of finance and the chairman of the Supervisory Committee for the employees credit union, the students credit union was established in 1987 and has always been located off campus. It is completely run by students, from the tellers to loan officers up to the CEO. It is overseen by two faculty advisors, Cochran and Francene Feldbrugge, a lecturer

Cal State Credit Union is a full service credit union. We have known the faculty and staff for many years.

Jennie Meehan
CEO, employees credit union

er with the school of business.

The students credit union offers students a variety of financial services, including loans for automobiles, computers and day care. Students can become a member by opening a share account, which is like a traditional savings account. According to Cochran, the local credit union industry financially supports the students credit union by underwriting some loans, and offers guidance to the student employees.

The employees credit union serves employees of the state of California, which includes the faculty and staff of SJSU.

"Cal State Credit Union is a full service credit union. We have known the faculty and staff for many years," said Jennie Meehan, CEO of the employees credit

union.

According to Busalacchi, the faculty and staff are very excited to have their own credit union on campus. They have always had to travel off campus to handle their business needs.

"We've had nothing but a positive response to it," Busalacchi said. The purpose of the two credit unions on-campus location is to provide a more accessible service for faculty, staff and students.

An automated teller machine, already in operation, is available to anyone who is a member of the employees credit union or on the Star* Network. Users will be charged a small fee if they are not members of the employees credit union. The ATM is located outside the entrance to the Event Center.

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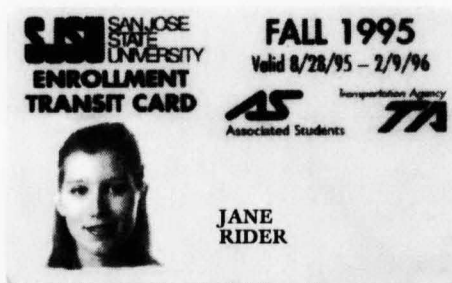
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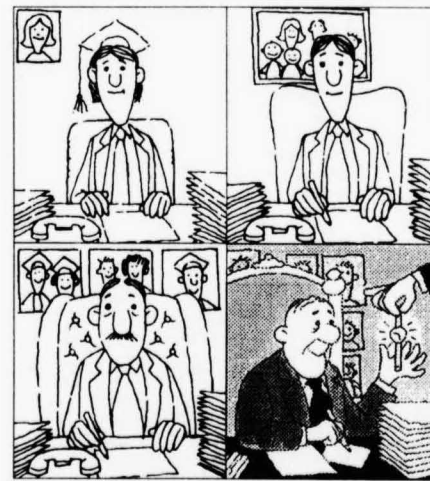


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Student Union

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Secrets: A rooftop garden

From page 1

is one of many students who didn't know the two existed, though both have been part of the building since it was built in 1975.

SJSU's nuclear science facility is tucked out of sight beneath the towering structure of Duncan Hall in a basement laboratory. Radiation safety officer Norman McElroy swears no student has ever left Duncan Hall's nuclear science facility with the ability to glow in the dark.

"Our purpose here is to teach people how to use radiation safely," McElroy said. "Of course, if you're working with radioactive chemicals, you're going to be concerned about contamination. But it really is a very safe industry."

He said a radiation safety commission reviews each experiment and determines the amount of radioactive material to be ordered from a supply company. "We actually control the amount of hazardous waste by controlling the

amount of material that comes into the lab."

SJSU is the only school in the California State University system that has extensive undergraduate, graduate and outreach programs in nuclear science. Who said?

"It's unique in the United States," McElroy said. "Most teaching universities do not have the instrumentation and lab facilities we have here."

McElroy said manufacturers use radiation to gauge the thickness of products such as newspapers, aluminum foil, plastic wrap and steel as they are being made. "This may not sound very exciting, but it's an example of how radiation is used every day."

After experiments are completed, the droplets of waste generated is dumped in a basement storage facility, located in the basement of Duncan Hall. As late as 1972, SJSU shipped waste to Hanford, Washington, home of the Manhattan Project.

"But they no longer accept

waste from outside Oregon and Washington," McElroy said. "California does not have a radiation disposal site; so we're holding everything. But we generate such small volumes it's not a problem."

McElroy emphasized that students worried about radiation exposure would be in greater danger if they moved to Denver, Colorado. "The natural radiation of the mountains is greater because of the elevation," he said. "That mile of air missing means people there are less protected from cosmic radiation coming from the sun."

Seven floors above the nuclear lab leafy plants and hothouse flowers take the place of the hazardous radiation signs and contamination warnings.

"The greenhouse is used for two things," said David Bruck, a biology professor who has taught at SJSU for eight years. "It's for providing specimens for courses and for growing a wide variety of new world and old world cacti,



PHOTO BY JAY L. CLENDENIN — SPARTAN DAILY

desert plants, orchids and wetland plants.

"I didn't really think it was a big secret," he said.

The sunny rooftop is home to rows of lush greenery and potted plants as well as a lily pad pond, where tadpoles and frogs find refuge among the tall rushes and reeds.

The greenhouse plants are care-

fully tended by botany technician Carol Salter. "She takes care of it tremendously well," Bruck said. "She's very protective of it."

Bruck said in addition to money the greenhouse receives from the department, the botany club and greenhouse staff hold plant sales about twice a year to raise money for plants and equipment.

The greenhouse sits high above the campus on the seventh floor of Duncan Hall. David Bruck, a biology professor who has taught at SJSU for eight years, said, "It's for providing specimens for courses and for growing a wide variety of new world and old world cacti, desert plants, orchids and wetland plants."

Pub: Drinkers of age allowed glasses only, no more pitchers

From page 1

the license was filed during the spring '95 semester. The Pub was in no hurry to implement the change. It wanted to wait until the fall '95 semester to begin its new policy.

With the change in age came a change in menu. Unlike most pubs that sell beer by the pitcher, The Pub will only sell it by the glass.

Kalmoutis said they had to insure the underage patrons would not drink alcohol.

"We did not want to card customers at the door so we decided on a one patron, one glass of beer system. If patrons want beer, it may be purchased at the bar where they will then be carded," Kalmoutis said.

People who frequent pubs often know that buying a pitcher of beer is more eco-

nomical than buying the equivalent amount of beer by the glass.

"The change is not to bring in more revenue but is purely for monitoring purposes, just a way to make sure the only people with beer are old enough to be drinking it," Kalmoutis said.

The Pub has future plans to bring stand-up comedy, video night and live music to its

customers. Kalmoutis said that by allowing a younger clientele, The Pub would also offer younger folks the opportunity to perform.

The Pub now stays open until 10 p.m. Monday through Thursday and is located in the old Cafeteria building across from the Student Union.

Engineering: Freshman learn from experienced students

From page 1

Anthony Mays, vice president of Black Alliance of Scientists and Engineers (BASE) set up a table to raise membership and support the ESC.

"We currently have about 15 members," Mays said, "we would like to have all African-American science and engineering students."

In addition to social activities BASE has a

precollege initiative program, an outreach group that visits high schools and counsels students about getting into technical fields like science and engineering.

Mays said high school students relate better to young adults who dress like them and share the same interests.

"Seeing someone just a few years older than them going to college motivates kids to care," Mays said.

Kingsley Leon, an SJSU computer engineering freshman from Yerba Buena High School, was walking by the Engineering building when he stopped to see what was going on. When asked about possibly joining a club, Leon said, "Maybe, I always put work before social activities. I might join to help find a job or to enhance my area of study. If I can get a scholarship, sure I'll join."

Vimal Chudasama, an electrical engineering freshman from Oak Grove High School, said he might join a club to meet juniors or seniors who have been through the Engineering program. "I would consider joining to find out about a paid internship that would provide me with good experience."

SJSU receives \$25,000 grant

By Danthanh Huynh
Spartan Daily Staff Writer

A \$25,000 grant has been awarded to the San Jose State University protective packaging research program to increase the use of post-consumer recyclables.

"Recycling is so important that we're finding professionals with more materials available to enhance packaging," said Don Betando, coordinator of the packaging technology program. "We know that corrugated materials, which most people know as cardboard materials and paper materials, are being recycled. We're using the recycled materials to do things to help cushion-packaged products."

The research, which began in June, is being conducted at the packaging lab in the San Jose State Industrial Studies building. Betando is confident the work will be completed within a year.

"We've visited pulp plants, recycled centers, and gotten background information (for the research). We're in the process of identifying and testing materials," he said.

Betando will head the research team, with Jorge Marcondes, associate professor of packaging technology, as the principal investigator. Marcondes is in Belgium presenting a paper on packaging and was unavailable for comment.

Marcondes and Betando wrote the grant proposal during the 1994 fall semester. The award was received from the city of San Jose, through its Green Industry Partnerships Grant Program.

Environmental technician Ann Dege, was one of five members on the selection committee. "We were interested in proposals that have the potential to

improve manufacturing processes and increase local demands for recyclables," she said. "The applicants (Marcondes and Betando) showed that they were qualified, based on their resume, to complete the proposal."

There are no existing shock-absorption or vibration-transmissibility standards for the molded pulp material used in packaging. The research team will help determine standards by creating situations to see how the packaged products stand up to the simulated shipping and handling conditions. To get reliable results, they must also standardize the egg carton-like pulp used for the test. Students will be the beneficiaries of the hands-on materials testing experience.

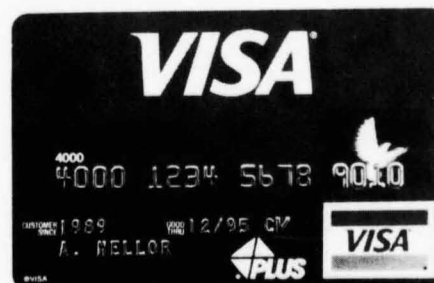
The team is primarily interested in packaging electronic components, but the technology will be adaptable. "It's going to expand," Betando said. "This (research) could be useful for any products that have to be packaged, shipped and handled: electronics, wine bottles, perfume bottles, etc."

Betando said packaging is the third largest industry in the world, and there are many career opportunities in the field.

"The packaging department receives many requests (from potential employers) and is loaded with jobs," Betando said. "There are about five positions per graduating students and the starting salary is in the low 30s. But students just don't know. Everything needs to be packed and students' expertise is needed."

The packaging department was started in 1982 by Betando. It has 30 students enrolled and has no graduate program.

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Clash against Trojans ends in Spartan defeat

USC wears down tough SJSU defense

By Eddie Zacapa
Spartan Daily Staff Writer

University of Southern California's wide receiver Keyshawn Johnson kick started his run for the Heisman trophy with his ninth consecutive 100-yard performance last Saturday against the Spartans.

"Me and Kyle (Wachholtz) would throw one up with pressure and he would come up with the ball," said USC quarterback Brian Otton. "He's our big play guy, our marquee player."

Johnson, who snatched 8 completions for 124 yards, paved the way for the Trojans 45-7 licking of the San Jose State University football team in front of a crowd of 50,612 at Memorial Coliseum.

"I've been concentrating all summer long," Johnson said. "I'm here to play football... I'm not worrying about what is going on outside of football."

But the 6-foot-4, 210-pound receiver sure gave the Spartans plenty to worry about during Saturday's game. In only 12 games as a Trojan, Johnson has made USC's all-time top 20-list with his 74 career catches for 1,486 yards.

"Sometimes I'd look up and there were 3 guys on me," Johnson said almost unbelievably.

And when Johnson got away, he had nice reads from quarterbacks Otton and Wachholtz, who combined for 244 yards passing in their season debut.

With three seconds left in the first quarter, Otton, who went 14 of 20 for 182 yards, threw a 35-yard strike to Johnson, who made a sideline catch with one foot in bounds to set up the first score.

"I just wanted to put it up almost out of bounds and give Keyshawn a chance to jump for it," Otton said. "He made the play."

Johnson had two sideline catches, the other for 27 yards.

"It was bad," Spartan head coach John Ralston said of the game. "When you're licked, your licked. They have a strong physical football team and they beat us

football

up today."

Maybe so, but the Spartans put up a gallant effort against the seventh-ranked Trojans.

Trojan head coach John Robinson said, "They didn't give us anything easy. In most games when you have a team that is probably physically superior than the other one, touchdowns start to come easily and the touchdowns were hard for us."

The Spartans' defense held the Trojans scoreless on their first two drives and escaped the first quarter with a 0-0 tie. At one point the Trojans found themselves in a fourth down and 41 situation on their own 23-yard line. They had three penalties, one fumble, and were held by the Spartans to minus four yards on their first ten plays.

"We got off to a horrendous start," Robinson said. "But, then two long drives of 85 and 95 yards were what you have to do to develop an offensive team."

Once that developed, the Trojans established a running game gathering 205 yards on the ground to the Spartans' 70 yards.

Spartan quarterback Carl Dean contributed to those 70 yards as he squiggled for a 1-yard touchdown keeper scoring the Spartans' only points in the second half. Dean, who made his first starting appearance, completed 14 of 22 for 131 yards.

"I'm very proud of our football team, coming from 21 down to put together that drive," Ralston said. "I was really impressed with the Trojans overall. They're wondering about their quarterbacks... But both did well out there today."

For the Trojans, Otton also got involved in the rushing with a quarterback keeper for an 8-yard touchdown in the third quarter securing the Trojans lead to 35-7.

"He looked like a Giraffe trying to run through Jurassic Park," said Robinson jokingly. "With Brad running so daintily and finesse fully into the end zone, we might put in quarterback draws and options that feature the running ability of these two quarterbacks."



PHOTO BY JAY GLENDENIN — SPARTAN DAILY

Three Spartans break curfew

Spartan Daily Staff Report

Starting defensive backs Maurice Simpson and Wardell Crutchfield and reserve defensive back R.B. Bonner of San Jose State University's football team were suspended from last weekend's game for violating team curfew rules last Friday night.

"It's always disappointing and its human nature," Ralston said. "But this is what you're required to do in a position of management. No one appreciates individuality more than I do, but there comes a time when you have to sacrifice that for the team."

Marcus Galbreath, a senior who starter at free safety last year, replaced Simpson and freshman Omarr Smith replaced Crutchfield at cornerback.

Simpson, a junior, started in the season opener against Stanford University and grabbed the team's only interception.

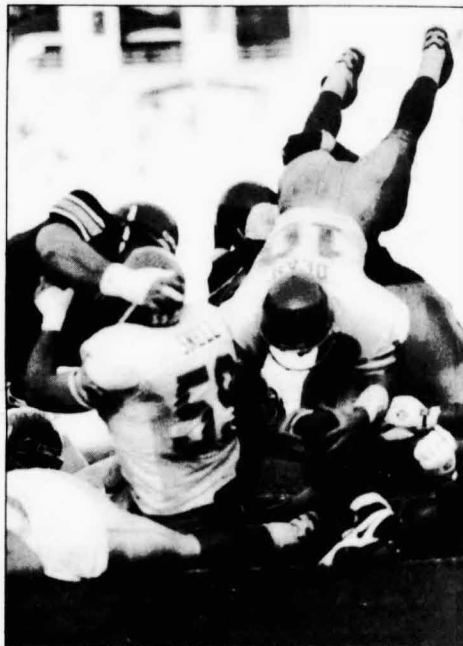


PHOTO BY JEFF CHIU — SPARTAN DAILY

Above: Coach John Ralston lowers his head after the Trojans score their sixth touchdown at the end of the fourth quarter on Saturday.

Left: Spartan Quarterback Carl Dean leaps for a one-yard touchdown in the third quarter for the Spartans' only score in a 45-7 loss to USC.

Largest football grant in school's history can't be traced

Officials can't agree where money is and how it will be used

By Kamilah A. Boone
Spartan Daily Staff Writer

Early this summer Spartan football received \$500,000 in matching grant funds, the largest amount ever given to the team, to be used specifically for approximately 75 student athlete scholarships for the 1994-1995 season, said Director of Athletics Tom Brennan. No two parties, however, can confirm how the money was

spent.

The Hofmann Foundation, a private non-profit public benefit corporation, awarded \$250,000 to the Spartan Foundation Scholarship Fund. Alumni and friends of San Jose State University football brought the total up to \$500,000 in a matching gift program.

"(The president of the Hofmann Foundation) specifically stipulated that the grant funds would be used for scholarship purposes for student athletes only," Brennan said.

Head coach John Ralston, however, said the bulk of the money was going to women's sports, specifically women's soccer.

"Very little of the money is going to football," Ralston said. "The bulk of the money is going to women's sports and helping out women's teams."

Brennan, however, said that Ralston was wrong. Philippe Blin, head coach of the women's soccer team, said he had no knowledge of this grant.

"You can't track individual grants," said Rose Lee of the SJSU Budget and Analysis department. "The Athletics Department has a multisource budget, and there is no direct relation between where the money comes from and how it is spent."

"It's as if you've received \$2000 from your parents to be spent on school tuition and books," Lee said. "Now pretend that

\$200 of that money was given to you by Uncle So-and-So. If a few months later your parents call you up and ask exactly how that \$200 was spent, you wouldn't be able to tell them."

Ken Hofmann, co-owner of the Seattle Seahawks, and Ralston have a long-term relationship, according to Brennan. In 1989 Hofmann personally hired Ralston to be his consultant in reviewing the Seahawks' football operations according to The Sporting News.

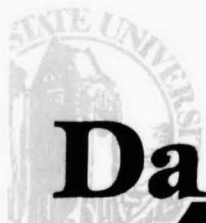
The Hofmann Foundation makes grants primarily within Northern California for wildlife preservation and conservation, medical/scientific research, community services, and religious and

educational purposes. The foundation rarely provides gifts to higher education programs, university officials said.

"John (Ralston) and Ken (Hofmann) have a professional association with one another," Brennan said. "Ken (Hofmann) would like to see us do well."

About a year ago, former SJSU President J. Handel Evans, Brennan and Ralston had a meeting with Hofmann. Brennan submitted a proposal for a matching grant program which Hofmann accepted.

Brennan characterized the grant as a leadership gift, or a lead gift to help inspire others to donate money.



DaiLyCoMiCS

OFF THE LEASH BY W.B. PARK



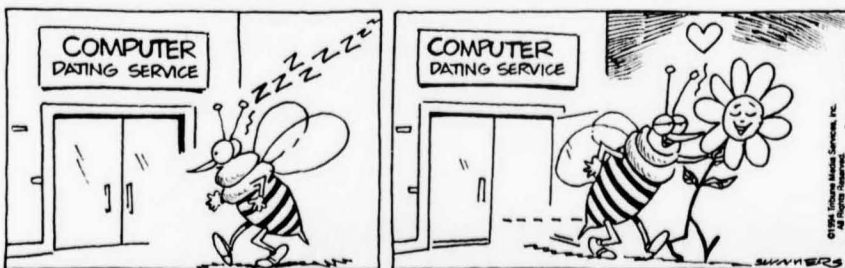
"It's the farmer. Wants you to meet him at the stump for a short meeting. Says he has an ax to grind with you."

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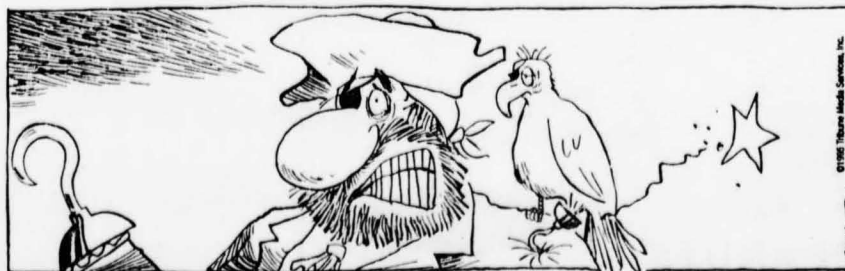


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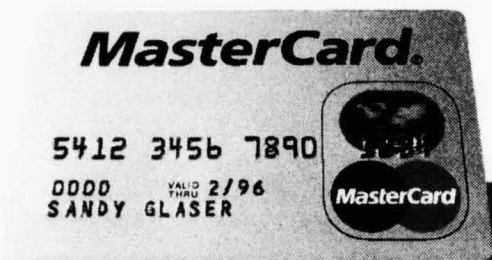


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