

Workshop addresses Bay Area racial issues, sparks protests from students

By DON MCGEE
Spartan Daily Staff Writer

"Racism permeates everything...and it will be around us until we begin to talk (about it)."

Those were the sentiments expressed by Aileen Hernandez, the keynote speaker at Tuesday's "Racism in the Bay Area: Its Scope and Nature" workshop sponsored by SJSU, the City of San Jose and

various members of the San Jose community. The event was held at the First Unitarian Church of San Jose.

Hernandez, after dealing with car trouble and a group of five Latino students who met her at the door of the church to protest her speaking at the event, addressed an audience of over a 100 people on the issues of racism. "We need to learn to talk to

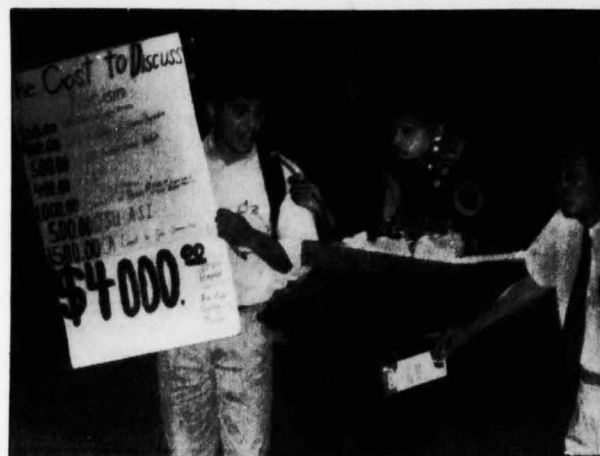
each other on a system of equality," said Hernandez, who currently is a member of the Citizens' Commission on Civil Rights. "We have a chance to change and make the world a different world... (that) is not so strongly hooked on labels of inequality."

"All of us have something to contribute to reach a society of equity for the first time. We need to do all we can to develop diversity," Hernandez said.

The workshop, which was the first in a series of six open forums focusing on racial issues in the Bay Area, brought out a wide variety of responses on the topic of racism.

SJSU Interim President J. Handel Evans opened up the event by saying that there is a need to arm ourselves — through education

See RACISM, Page 6



JENNIFER FEURTADO — SPARTAN DAILY

John Morales interrupts the "Getting Along" seminar to voice his objections about the money being spent on it. See story on page 6.

Brain-wave bio jam

Muscle impulses played into a computer can create the next generation of music

By SEAN COOPER
Spartan Daily Staff Writer

A musician stands poised on stage, motionless against a scattered backdrop of flickering computer terminals and assorted hardware. And while he holds no instrument, as the lights dim, he begins to play.

Breaking into some kind of weird post-modern tai chi, he slowly sways his arms back and forth as waves of ambient tones wash over the audience, getting louder and softer as his muscles tighten and relax.

He wafts his right hand forward, and wind chimes add to the confusion of this one-man "virtual orchestra."

No, this isn't Spielberg's latest flick, and no it isn't Milli Vanilli taken to its newest and most cynical extreme. It's Biomuse, state of the art in man-machine interface and the brainchild of SJSU assistant professor Benjamin Knapp.

"It's something I had been thinking about since I was knee-high to a grasshopper," said



KAREN HANNER — SPARTAN DAILY

See FUTURE MUSIC, Page 3

SJSU Professor Benjamin Knapp sits proudly behind his innovative music-making machine, Biomuse, which turns muscular impulses into harmonies.

Bond money helps change face of SJSU

Pedestrian mall, humanities building planned

By BRIAN WACHTER
Spartan Daily Staff Writer

Though the SJSU administration is struggling to fund the classes it now offers, it will spend more than \$9.3 million for construction and improvement of buildings.

The money will come through Proposition 153, the Higher Education Facilities Bond Act, which narrowly passed in June.

The act authorizes the sale of bonds to pay for facilities.

Because the money is part of the construction budget, not the operating budget, it must be spent on facilities, not classes.

More than \$3.7 million will go to the Seventh, Ninth and San Carlos Landscape Project for schematic design, preliminary and working drawings and construction.

San Carlos Street, closed for a trial period earlier this year, has been a target for permanent closure by the university for years.

Where the money to pay for improvements to the street would come from has always been a sticking point in convincing the City of San Jose to turn it over to SJSU.

Unfulfilled promises

The university did succeed in winning Seventh and Ninth streets away from the city during the 1960s and '70s. But capital improvements promised by SJSU never came.

"The (CSU) system did not meet its obligation to the city," said Alan Freeman, director of space management and facilities planning for SJSU. "I am pleased they saw fit to include the money in this year's

budget." Inclusion in the budget was contingent upon the passage of the bond measure.

"The city provided valuable land — valuable at market value — to the university; for 20 years the promises were not kept."

The city will decide later this year whether to permanently close San Carlos Street, and Freeman thinks this helped convince CSU Chancellor Barry Munitz to allocate funds for the street.

"We told them if we want to have any chance to get it closed, we have to act on our commitment," Freeman said.

The improvements will consist of a pedestrian mall with trees, benches and landscaping, to be designed by Wallace, Roberts and Todd of San Francisco.

Work scheduled for 1993

The one-year construction is tentatively scheduled to begin August 1993. But only drawings will be done before the city decides the closure issue.

"We've discussed doing the work in pieces so as to provide space for the process to take place," architect Steve Wheeler said.

If San Carlos is closed, Seventh Street between San Salvador and San Carlos will revert to being the turnabout it was during the trial closure, according to Wheeler.

The parallel section of Ninth Street will become incorporated into the landscape scheme of the humanities building to be constructed between the Corporation Yard and the Business Tower.

Schematic design and preliminary

and working drawings of the building will be paid for with \$901,000 in Prop. 153 funds. Construction will be financed by a future bond issue.

The CSU attempts to get a bond act passed every two years, as this is the only way it can fund its construction budget, Freeman said.

If the 1994 bond act does not pass, "we'll have some nice drawings on our hands," according to Freeman.

Construction will take two years and is tentatively scheduled to begin in September 1994.

The building, which will replace the trailers on Ninth Street, will unify the five humanities departments and provide state-of-the-art audio-visual facilities.

The project was conceived before the current fiscal crisis brought into question the likelihood of classes to fill the new building.

"The university is supposed to grow to 25,000 full-time equivalent students by the mid-1990s."

But with all the budget upheaval that is going on, the question is will the university keep its promise to itself," said Jack Crane, dean of the Humanities Department.

This semester's full-time-equivalent enrollment is estimated to be between 19,465 and 20,230, according to Jack Williams, SJSU's director of institutional research.

Aging Wahlquist Library will receive about \$3.6 million for the correction of fire code violations as well as heating, ventilation and air-conditioning improvements. Spartan Complex will get \$422,000 in renovation; there will be \$658,000 left for minor and special repairs.

Campus crime rate ranks fifth among reporting CSU schools

By KERRY PETERS
Spartan Daily Staff Writer

Campus crime is just another part of the college experience. But for SJSU students, the reality of crime hits home in a larger perspective than on most other CSU campuses.

Of the 19 reporting CSU campuses, SJSU on average ranks fifth highest in Part 1 offenses which include rape, robbery, aggravated assault, burglary, theft and motor vehicle theft. Other campuses that rate higher are Los Angeles, Northridge, San Diego and San Francisco, according to a recent report.

Each year, crime statistics are compiled by the UPD, and are then sent to the FBI, which in turn compiles the CSU Annual Report of Crime Statistics to be included in its annual publication "Crime in the United States."

Although these crime statistics include only those crimes handled by UPD officers, not San Jose Police, they still accurately represent the crimes that occur on SJSU's campus and its surrounding area.

According to UPD Lt. Bruce Lowe, while SJSU's crime rates seem much higher than most other campuses, it may not be entirely true for several reasons. One is that some police departments on other campuses won't respond to calls from places beyond campus boundaries. SJSU's campus police, on the other hand, answers calls not only on campus, but in the surrounding areas as well, in turn boosting their statistics.

Some of SJSU's crime statistics seem higher than those of other schools because sensitive crimes often go unreported. Rape is a good example. Last year, according to the CSU 1991 Annual Report of Crime Statistics, five of the 20 reported CSU rapes occurred at SJSU. While this number is significantly higher compared to

all other CSU campuses, Lt. Lowe says 20 is not even an accurate number.

"One in three, maybe even one in two women will be raped at sometime; many of them going unreported," Lowe said.

Lowe said the increase in awareness of sensitive issues such as rape led to more crimes being reported. "As Harriet Pila (SJSU director for the Prevention Education Program) and the Rape Awareness program become more successful, people become aware of the crime and are more willing to report."

He suggested that although SJSU may have more rapes reported than other CSU campus, the number of rapes reported is nowhere close to the number of rapes that actually occur on this or any other college campus. The majority of rapes that are reported prove to be acquaintance rapes and can be linked to drug and alcohol use — another reason why this crime may go unreported, the annual report stated.

SJSU's crime rates are also higher because of the number of non-students lured to SJSU's downtown location, Lowe said. Last year, for example, UPD reported 11 instances of weapons possessions, and this year the numbers will most likely increase due to the riots following the Rodney King trial. But according to Lt. Lowe, most of these cases involved people who do not attend SJSU.

Despite the many reasons why crime statistics may seem higher at SJSU compared to other CSU schools, the fact is that crime at SJSU is a pervasive problem. Crimes like theft, burglary and theft from motor vehicles are the most common, but definitely not the only ones.

So what can students do to protect themselves? To protect themselves, students should play it safe by locking their cars and doors, using the UPD escort service or walking with a friend — especially at night.

EDITORIAL

Students need to take voting seriously

Our future depends on the decisions that we make today

Please consider registering to vote.

Yes, we're talking to you: members of the 80 percent of eligible college students in this state who aren't registered.

Look around you. The institution you are attending is in jeopardy.

Your classes are being cut, your teachers fired. And you are the lucky ones.

Your friends and family who want to enroll in the spring are getting the door slammed in their faces. For this you can thank the state legislature and

especially Governor Pete Wilson, who ranks prisons ahead of schools on his budget priorities list. But let's take a look at your priorities.

You were otherwise occupied when California's latest despot was elected. Maybe you didn't care for the likely alternate, Dianne Feinstein. Writing in a candidate didn't appeal to you. You didn't think your one vote would make a difference, anyhow.

About one tenth of one percent of the vote was the margin of victory for John F. Kennedy in 1960's presidential election; a minuscule segment of the voters sometimes can make a huge difference.

A segment as small as, say, those college students who decide to participate instead of vegetate.

Letters to the editor

Brooke bashing

In saying there is only one right way to lead our lives — the way we want to (Family Values, 9-2-92), Brooke Shelby Biggs says exactly nothing.

America, said Lincoln, is dedicated to a proposition. For the pilgrims that meant worshipping the way they thought right. Biggs dedicates America to its desires, and so she tells us the pilgrims sought to worship the way they pleased. What a difference! We can argue about what is right but not about someone's desires. In her scheme (and there are many who talk like her) public debate is meaningless.

Take the abortion debate for example. "It is a woman's choice" is not the answer to "Is abortion right?" Only if abortion is right is it a woman's choice.

From last year's columns it is clear that Biggs is dedicated to some propositions. She should defend those propositions and not try to escape the argument by claiming to support people doing whatever they want. If she doesn't, the world will little not long remember what she says.

Ken Riker
Community member

Write to Gov. Wilson

I've heard a lot of people complain about the situation in Sacramento, but they don't know what to do about it. I suggest that they send a note to their representative in Sacramento. Below is a letter that I wrote on a postcard to the Governor and Assemblymen in Sacramento. Postcards are cheaper than a letter, and will get the point across. If everyone who feels that the tax cuts are hurting them could write to Sacramento, our representatives will get the message.

Dear (Your representative in Sacramento)

Because of the uncertainty concerning the budget and the cuts to educational funding, the classes at San Jose State University have been severely reduced. I am a senior, hoping to graduate in May. However because of reduced classes, I have not been able to register for the classes I need to graduate. These classes will not be offered again until next Fall. This means that it will be another 6 months before I can be hired for the position I've been prepared for, and can contribute to the tax revenue base for the State of California. Cutting funds to education is short sighted. The future tax payers of California will be the children in the public schools and the young adults in the State Colleges. If they can't get the training for skilled labor, they will be earning less, and paying lower taxes. Is that really what you want for the State of California?

(Your Name and Address)

Addresses to write to:
Gov. Pete Wilson
State Capitol
Sacramento, CA 95184

Hon. Bill Jones
State Capitol
Room 2114
Sacramento, CA 95184

Hon. Ken Maddy
State Capitol
Room 305

Hon. Willie Brown
State Capitol
Room 219

Hon. David Roberti
State Capitol
Room 205

Roxanne Aid
Senior, Business Administration

SPARTAN DAILY

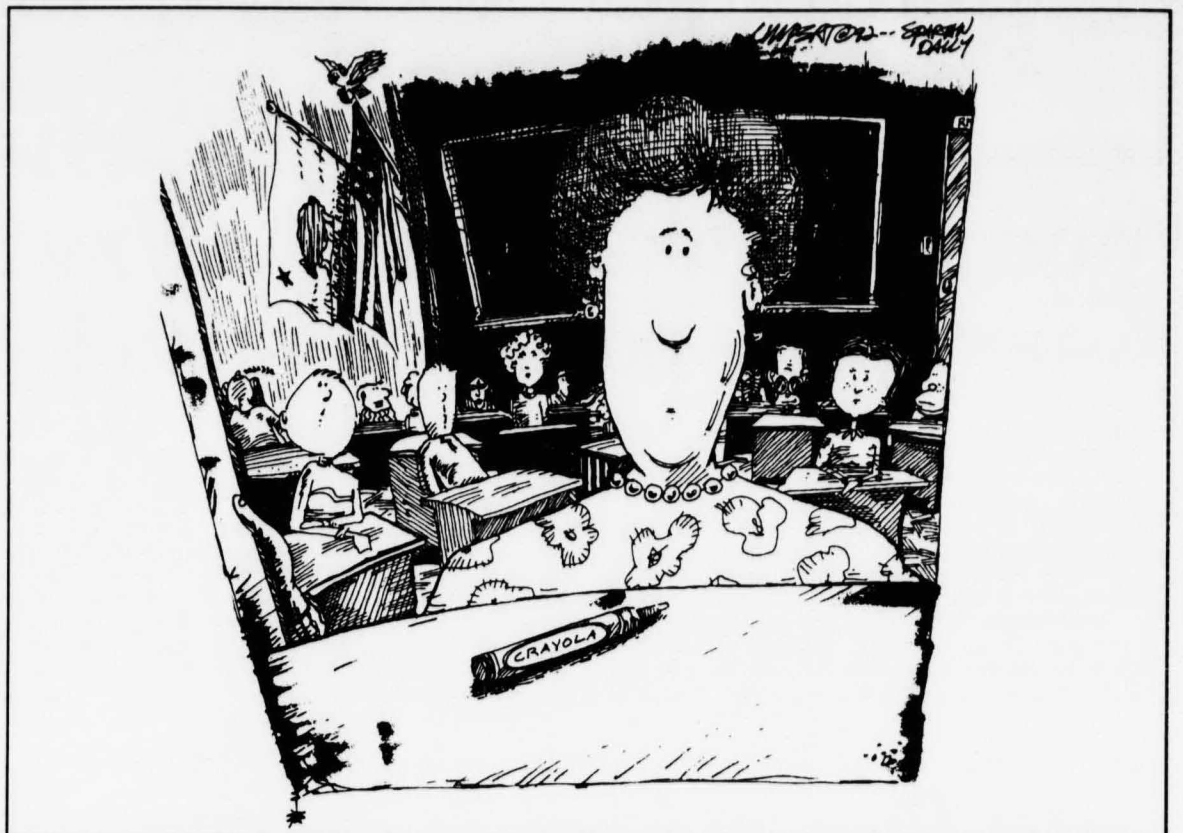
SMITA PATEL executive editor

ADELE GALLUCCI city editor
ROBERT W. SCOBLE production & design editor
SCOTT SADY photo editor
MARCIO J. SANCHEZ chief photographer
JOHN VIEIRA forum editor
BRIAN HARR arts & entertainment editor
JOHN PEREZ features editor
JIM SILVA sports editor
LES MAHLER chief copy editor
ATOOSA SAVARNEJAD national & foreign editor

GREG CAMPBELL advertising director

RAMIL G. RAMIREZ retail advertising manager
AARON CALILAN advertising art director
NEELAM PATEL national advertising manager
LIONEL R. CARREON advertising production manager
CHRISTINA MION advertising marketing manager
JIM BUTLER advertising downtown manager
RYAN CASE advertising co-op manager
SUSAN GAMBERG

REPORTERS: JIM BATCHO, STEVEN CHAI, SEAN COOPER, RICHARD ESPINOZA, AMOS FARIAN, KARA GARCIA, DON MC GEE, ERIK HOVE, RACHEL LUTHER, VICTOR MARKOVICH, JR., ELAINE MEITZLER, JANE MONTES, DEBRA MYERS, KERRY PETERS, MARIA ROSE, NICOLE SINI, MATT SMITH, JON SOLOMON, BRIAN WACHTER.
PHOTOGRAPHERS: PATTI EAGAN, JENNIFER FEURTADO, MARVIN FONG, KAREN HANNER, DAVE MARSHALL, TARA MURPHY, RICK WACHA.
ADVERTISING ACCOUNT EXECUTIVES: BILL BEEMAN, JEFFREY BREDEK, CHRISTOPHER JETER, ADAM RUBENSTEIN, AARON THATCHER, JEANNE MARIE WAGNER, DOUG WALKER, KELLEY WELSH.
ADVERTISING PRODUCTION ARTISTS: WILLIAM CHEN, AVELINO POMBO, RICK RODERER, BOB STONEBURNER.



FRED LIMPERT — SPARTAN DAILY

Victims need to place the blame correctly

Are you poor? Come from a dysfunctional family? Battling early-childhood trauma? Oppressed by the intolerant world? Disregarded by an insensitive government? Barred from the mainstream of society?

It's time for you to start training. To survive in this world, you've got to learn to effectively and efficiently lay blame. You may then call yourself an official victim and join the ranks of the exalted.

Victimhood is a tricky and conditional hobby, like finger-painting; we can all do it, but if we do it too well, it isn't finger-painting anymore — it's art.

There are simply too many advantages to being a victim, and too few incentives to extricate ourselves. Victimhood is safe and luxurious — as long as we are official victims we can complain and whine and lay the backs of our hands dramatically across our brows. We are allowed to be angry, to throw things, to snarl at people. All in all, we are excused from civility and responsibility.

But to maintain these privilege, we must be sure to lay blame correctly. There are several ways to do this, not too

well and not too poorly. First, choose your target carefully.

Make sure you do not blame the wrong people for your ills. Make sure they don't know you, or if they do, that they cannot defend themselves. Good examples are massive governments, or your parents in Boise.

Use these hypothetical situations for practice: If your folks happen to attempt to justify the spanking when you were 3 years old that scarred you for life and has precluded you from finding gainful employment, explain this away as deep-rooted subtle hostility aimed at tearing you down further. Now you still don't have to get a job, your parents feel guilty, and your friends still pity you. Ask them to loan you money.

Inanimate objects or conditions make fine blame targets. No one will argue when you blame your foul mood on generalized, time-cemented social standards. Make sure you cannot meet these in some way. If you are not a straight, white, rich male, this should not be difficult.

Another example: If you are a college-educated woman and make minimum wage and get

kidded by your peers for it, point out the glass-ceiling theory. Ask them to loan you money.

One thing to remember: make sure nothing of which you accuse someone or something can be redressed. Childhood trauma has already happened, so no one can attempt to fix it. You may, therefore, use this excuse over and over. Social inequity is too big, so few people will attempt to tackle it. Except politicians, who don't actually intend to do anything about it.

Official victims know all about this. They are all registered Democrats (which is not to say all registered Democrats are professional victims). They will vote for Bill Clinton in November. Know why?

Bill Clinton appeals to the downtrodden. He has reached out to every non-white, non-straight, non-rich and non-male in the country. He makes promises to do away with social inequity. Hooray! But we all know he can't do it. No one can, least of all a rich white male. That's why we like him.

We'd all have to buckle down, accept the uncomfortable and fend for ourselves if there really were justice in the



Brooke Shelby Biggs

So ... What's Your Point

world. If we all had equal opportunities, the real inequities between people would be obvious. On a level playing field (adjusted for all disadvantages), those who fell behind would not deserve any pity, nor have anyone to blame.

So the Official Victims of America endorse Clinton on the assumption that he will fail. After all, it would be a shame to let these well-honed blame skills go to waste.

Brooke Shelby Biggs is a Daily staff columnist. Her columns appear every Wednesday. It did not appear yesterday due to the Barry Munitz interview.

You got the right one baby uh-huh, uh-huh

Just Do It. Reeboks let you be you. Mazda just feels right. Pepsi: Got to Have It. We Know What Guys Like. Why ask Why? Why is commercials are telling me who I'm supposed to be.

I just want to be who I am. Just look around and it is not hard to figure out. We are told what to wear, who to look like, what kind of jobs we are supposed to have and even what are armpits are supposed to smell like.

What the heck is raise your hands if your Sure. Does that mean if I wear Speed Stick I am not supposed to raise my hands; or I am not supposed to raise my hands if I'm not sure.

This bad breath thing bothers me also. The only bad breath I can think of is no breath at all. Sometimes my breath may stink but it has

never been bad to me. In fact it has been reliable for my whole life. Now these commercials for breath freshness tell us that we need them all the time. Yeah it gives you a minty fresh taste, but 10 minutes later your breath is back to it's old stinky self.

And, why is it that all athlete's foot remedy commercials make athletes foot sound like it is a life and death disease. Yeah it can really itch and burn sometimes but I've never know of any case of a person dying because of a heavy dose of Athlete's foot.

I guess there is a lot of truth in "It's gotta be the shoes." I might be going out on a limb, but Mr. Jordan can probably still slam dunk a basketball barefoot, and I can't with Nike shoes on.

Life is not like a commercial, especially beer commer-

cials, and those Bugle Boy commercials.

I have worn Bugle Boy jeans and my social life didn't improve.

And, the thing about becoming more attractive after drinking a beer is false. Yes, after a few beers I have been know to pick up on some people (I'm only following the commercial's advice) and have my incredible lines come out like "yoooulooksgood (slobber) Whhattssyourrnaaaame-hhhoneey."

To those women who I've said that to, I'm sorry. Maybe, I'm just sick of commercials.

I know there are many products out there and they are all competing for my dollar but I am sick of them telling me who I'm supposed to be.

If I want to be an unshaven, overweight, natural smelling



Jason Rothman

Blah Blah Blah

person. that is my choice. Just be who you are. That's my motto.

Jason Rothman is a Daily staff columnist. His column, Blah Blah Blah, appears every other Thursday.

Forum Page Policies

The Spartan Daily provides a daily Forum page to encourage a "marketplace of ideas." Contributions to the page are encouraged from students, staff, faculty and others who are interested in the university at large.

Any letter or column for the forum page must be turned in to Letters to the Editor box in the Spartan Daily newsroom, Dwight Bentel Hall 209.

We are open most days from 9 a.m. to 5 p.m. They may also be mailed to the

Forum Editor, The Spartan Daily, Department of Journalism and Mass Communications, San Jose State University, One Washington Square, San Jose, CA, 95192.

Or they can be FAXed to (408) 924-3282. Articles and

letters MUST contain the author's name, phone number, address and major (if a student).

Letters to the Editor should be around 200 words responding to a certain issue or point of view.

SpartaGuide

The San José State calendar

Today

BETA ALPHA PSI: Pledge Orientation, 3-4 p.m., SU Almaden Room, call 298-6749.

CALIFORNIA FACULTY ASSOCIATION: Legislator's Day, 1-3 p.m., SU Guadalupe Room, call 292-0323.

CAMPUS CRUSADE FOR CHRIST: Nightlife, 8 p.m., SU Almaden Room, call 293-5897.

CAMPUS LEFT: "The war in Yugoslavia; U.S. Hands off," an eyewitness report, speaker Natasha Terlexis, 8 p.m., SU Costanoan Room, call 629-3528.

CAMPUS MINISTRY: Homemade dinner and discussion, "Rethinking Columbus and Reflecting on Christianity," 300 S. 10th at San Carlos, call 298-0204.

CONCERT CHOIR: Auditions by appointment, Music Building room 262, call 924-4332.

DELTA SIGMA PI: Meet the Chapter, 7:30 p.m., SU Umunhum Room, call 773-9189.

EXECUTIVE COUNCIL OF BUSINESS STUDENTS (ECBS): Business Fair, 9 a.m. - 2:30 p.m., Business Quad, call 924-3430.

GAY, LESBIAN AND BISEXUAL ALLIANCE: Guest Speaker Wiggys Sivertsen, 4:30 - 6:30 p.m., SU Guadalupe Room, call 236-2002.

HISPANIC BUSINESS ASSOCIATION (HBA): Weekly Meeting, 7:15 p.m., Guadalupe Room, call 365-2879.

SpartaGuide is available to SJSU students, faculty and staff organizations for free. Deadline is 5 p.m., two days before publication. Forms are available at the Spartan Daily, DBH 209. Limited space may force reducing the number of entries.

News Room 408 ~ 924 ~ 3280
FAX 924 ~ 3282
ADVERTISING 924 ~ 3270
CLASSIFIED 924 ~ 3277

USPS 504-000 POSTMASTER: Please send address corrections to Spartan Daily, c/o San José State University, One Washington Square, San Jose, California, 95128-0149. Second class postage paid at San Jose, California. Member of the California Newspaper Publishers Association and the Associated Press. The opinions expressed in the Spartan Daily are not necessarily those of the Department of Journalism and Mass Communications, the University, or any other student or faculty organization. Mail subscriptions accepted on a remainder of semester basis. Full academic year, \$25. Each semester, \$15. Off-campus price per copy, 15 cents. On-campus delivery paid through the Instructionally Related Activities Fund at 50 cents per full-time student. The Spartan Daily is written, designed and edited by students during the regular school year.

State Assembly rushes to restore school funds vetoed by mistake

SACRAMENTO (AP) — The state Assembly swiftly approved a bill today that would restore nearly \$500 million in school funds vetoed last week by Gov. Pete Wilson.

A vote of 53-0 sent the bill, which lawmakers said would fix a misunderstanding, to the Senate. The upper house scheduled an afternoon session.

"Without this measure, districts will commence to shut down classes and lay off people," Assembly Speaker Willie Brown, D-San Francisco said.

The Republican governor on Tuesday had predicted it would take lawmakers about 20 minutes to fix what he says was a mistake by lawmakers who wrote the budget bill.

Wilson made the comment to school superintendents attending a conference. Legislative leaders late Friday ordered lawmakers to return from adjournment to

resolve the issue.

State Superintendent of Public Instruction Bill Honig accused Wilson of deceitfully vetoing the money, most of which is linked to increases for inflation and growth. Honig said he could not legally disburse the money, which would force schools to trim another 2 percent. Wilson, however, said he did not veto the funds, but instead set them aside until technical corrections could be made in legislation when lawmakers returned in December or January. The money could be released to schools in the meantime, he said.

The controversy flared last week after the governor and lawmakers finally ended the longest fiscal stalemate in state history with Wilson's middle-of-the-night signing of a \$57 billion budget.

Wilson said Honig caused "needless concern" among school officials.

Future Music

From Page 1

Knapp, invoking cliché if only to amplify the intensity of his invention, "to be wired directly into a musical instrument."

Knapp, 30, who teaches electrical engineering, developed the Biomuse with former Stanford Medical Center research associate Hugh Lusted.

The gizmo was originally only a side project for Knapp, who at the time was finishing his graduate studies research on cochlear prosthesis — the bionic ear. But it has become almost a second job since the first prototype was produced and patented in 1987. The two took the Biomuse public in 1989, forming Biocontrol Systems Inc. (BSI), and have attracted the attention of everyone from lab technicians to virtual reality buffs to, of course, musicians.

"Basically, everyone's really excited about it," Knapp said, "but no one really knows what to do with it."

In fact, the degree of confusion they were met with seemed to reach its most absurd when the San Jose Mercury News reported that the two could get music from the dead!

The Biomuse actually works by harvesting and translating bioelectric signals — living ones, such as brain waves and nervous system impulses. Biomuse maps these transmissions, gathered by overlying electrodes, and sends them to a processor that can be used to either create music or run computer software.

The machine, a black box resembling a regular stereo amplifier, can differentiate between eight different impulses.

Thus it can be programmed to translate biceps impulses into guitar, triceps into drums, brain waves into xylophone, and on and on for eight different inputs.

Muscle tension and position can also be programmed to control volume and tone, and the

musician can even control which speakers sound by a simple turn of the gaze.

This last possibility of eye controlled movement prompted development of Knapp's latest creation, the EyeCon. Tapping into muscle and brain waves in charge of eye movement, the EyeCon plugs into a standard computer mouse port and allows the user to position the cursor on the screen just by looking.

Another function, such as clenching the jaw, can be programmed to correspond to a double-click, allowing for completely hands-off computer use.

"It would be just a godsend to the disabled community," said BSI co-founder Hugh Lusted.

Dave Warner, a researcher at Loma Linda University Medical Center, used the EyeCon with an 18-month-old quadriplegic paralyzed from the neck down and was significantly impressed.

"The applications will be explosive," Warner said. "It gives (the disabled) an opportunity to interface in a productive manner, and the boost in motivation is phenomenal."

Applications in virtual reality technology are also being explored. Ordinarily, use of a data glove, which only registers hand position, is necessary to manipulate virtual objects. Knapp has applied aspects of the Biomuse to allow users to move more realistically through virtual landscapes.

"We've been able to attach an armband at the elbow to measure muscle tension. So if you were to pick up a virtual Coke can, you could actually crush it," Knapp explained.

Despite the breadth of the applications and the excitement they've created, Knapp and Lusted have had some problems attracting investors. Initially, the two figured they could just design the prototype, patent it, get a grant, and license the design out

to specialists in the field. But it hasn't been quite that simple.

"Marketing, sales — I'm not into all that stuff," said Knapp rolling his eyes. "I'm an academic. I really want to get out of boxes 'r' us."

But, as Ben Delaney, editor of the VR newsletter Cyberedge, notes, Biomuse isn't your average piece of new technology.

"It's not like coming up with a new car and saying 'Here's this car,' and everyone already knows what a car is. It's really just waiting for people to know what to do with it," Delaney said.

As might be expected, Knapp hasn't had a shortage of requests from the Defense Department wanting to appropriate his ideas for weapons guidance systems.

But as Knapp succinctly put it, "I'm a product of the '60s and '70s, man. I don't go for that crap."

Hitachi Maxwell develops invisible bar codes

TOKYO (AP) — Bar codes, one of the most visible signs of the computer age, may be going underground.

A Japanese company, Hitachi Maxwell, says it has developed bar codes that are invisible — or just slightly visible, if users prefer.

"We can make bar codes so they don't intrude on the packaging of products like cosmetics, where they can detract from the design," Hitachi Maxwell spokesman Hideyuki Noda said Wednesday.

The new bar codes are printed with a special ink containing a hard-to-duplicate phosphor made of rare earth compounds, Noda said. By varying the mixture, the visibility of the codes can be changed.

GO NU'D



RUSH Sigma Nu Fraternity

155 S. Eleventh Street
(Between San Antonio and San Fernando)

Recent Achievements

- IFC Soccer Champs (Spring '92)
- Voted Best Parties by readers of the Spartan Daily
- Highest grades of all fraternities (Spring & Fall '91)

Upcoming Events

Today
Sept. 10
Sigma Nu
Open House
All Day

Friday
Sept. 11
Reggae Party
w/ Delta Zeta
7:30pm

Saturday
Sept. 12
Breakfast
9-11am
Go-Carts
6pm

Sunday
Sept. 13
Softball
Game & BBQ
12pm

279-9473

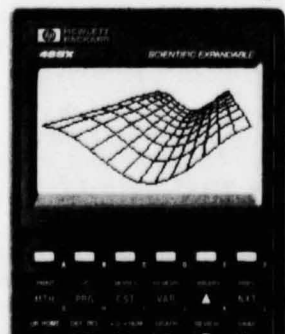
Meet at Sigma Nu 1/2 hour before each event

Call for more information Ask for Dan or Troy

It's also hard to believe that you get free software when you buy HP 48 calculators.



There's a lot more than a great calculator waiting for you when you purchase an HP 48SX or an HP 48S between June 1, 1992, and October 31, 1992. You'll get



a bonus book that's good for free software, a free PC link cable and hundreds of dollars back on applications — like electrical and mechanical engineering — memory cards, training tools, games, and HP's infrared printer.

It's a really big offer. Worth more than \$500. And it's going to make your HP 48 calculator even more valuable to you. The free serial cable lets you exchange information with your PC. And the free software disk lets you enter and plot equations easily, do 3D plotting, and analyze polynomials.

Beyond all the bonuses, you'll have the right calculator for your most challenging classes. HP 48 calculators have over 2100 built-in functions and offer a unique combination of graphics and calculus.

Head over to the campus book store now. After all, you don't see this kind of deal every day. HP calculators. The best for your success.

hp HEWLETT PACKARD

©1992 Hewlett-Packard Company PG12203B

Robaloo

Robert Carroll



No rest for the wicked.

Robaloo will appear on Tuesdays and Thursdays.



Daniel Touchette rehearses bungee ballet under the Cirque Du Soleil big-top tent.

SALTIMBANCO

CIRQUE DU SOLEIL

Imaginations run wild at Cirque du Soleil



Sonya St. Martin and Vincent Cotnoir loosen up for an evening performance.

PHOTOGRAPHS BY RICK WACHA—SPARTAN DAILY

Vocal stylings capture essence

BY DEBRA MYERS
Spartan Daily Staff Writer

Talk to Francine Poitras about Cirque du Soleil and within a few minutes she will probably ask, "So, did you like the singing?" or "Do you see me, in this show, as an opera singer?" or "Do you think that it's a confused role?"

The vocal star of this year's performance, Saltimbanco, Poitras captures the essence of the show — confusion, sophistication and imagination — with her voice.

Undeniably talented, Poitras nonetheless questions her vocal ability.

"This morning I woke up, I listened to two songs on the album and I thought I was horrible. I just thought, 'Oh well, do I ever have a long way to go.' But if I look at ten years ago when I wasn't even singing, I've come a long way," she says.

Originally from New Brunswick, Canada, Poitras studied classical vocal training and earned her bachelor's degree at Quebec's Laval University. Two grants gave her the opportunity to study in the United States, first in New York City and then in Santa Barbara.

Poitras began working on Saltimbanco in January, but recorded the previous album, "Nouvelle Experience" after declining an offer to star in the previous Cirque tour. "It wasn't time," she says. "I wasn't ready to pack my bags and leave again. This one show is for two years. It's a big contract, a big investment in your energy and time and being."

In addition to the Cirque album, Poitras sang on the soundtrack to the 1989 American movie "Primary Colors," a story about a nun who also worked as an artist during the time of Martin Luther King, Jr.

Though her training and most of her theatrical work has been classical, her roots lie in folk. "I like Joni Mitchell's stuff. That's my kind of music. I'm still not to the point where I'm doing that, but that's where I come from — folk, blues, jazz, soul music."

She likes blues singers with an edge. "I wish I would have had a voice like Melissa Etheridge," she says. Poitras concedes that the life of a blues singer

does not appeal to her. "I don't want to sing blues in a bar, so I opt for this kind of job."

Throughout the current run of Saltimbanco, Poitras has questioned who her character is. "I was trying to figure out 'What am I doing in this show?'" With each performance, her character has evolved and transformed, and she now has an idea of what she's doing.

"Part of me is a bird, part of me is a mother," she says. "I watch everything. I can be an angel, too. It depends on where I go. It depends what number. But what keeps the unity is the costume. I mean I'm probably the only one that keeps the same costume during the whole show."

Despite the occasional confusion about her character, Poitras says, "I think it's working out well. It's just sometimes you have a creativity crisis."

The lyrics that Poitras sings do not lack creativity. The songs rely solely on her ability to convey emotion and are composed using "invented words," combinations of sounds from different languages and different words.

"It's like learning another language," she says, "you learn new sounds and then figure out what they mean." One song is a combination of an African lullaby and the name of a janitor at the group's rehearsal space.

The lyrics and music are written down and if other performers miss a cue, Poitras says they make up for it by returning to a certain pattern in the music.

"There's a lot of things you can try out during the show," Poitras says. "Every show is a place to try things."

Change and evolution are evident throughout this "work in progress." "The finale is definitely going to change because the opening is much more precise and much more clear and much more beautiful than the finale," she says, "so we need to get the finale just as intensely beautiful as the opening."

All questions aside, Poitras seems pleased with the adventure. "Overall, it's good. It's a great, great, great experience because it's so intense. It's like living five lives in two years."



Vocal star Francine Poitras captures the essence of this year's show—confusion, sophistication and imagination—with her voice

Circus of the sun feeds the hunger of the soul

BY RACHEL LUTHER
Spartan Daily Staff Writer

"Ooh," the audience collectively moans as a six-year-old boy's legs are pulled behind his head in to what seems an inhuman position.

The six-year-old boy is Anton Tchelnokov, a contortion acrobat from Russia, who along with his father, Nicolai Tchelnokov and his mother Galina Karableva, perform in Cirque du Soleil's sixth original production, Saltimbanco.

Including Anton and his parents, Saltimbanco is performed by 40 artists from Canada, the United States, Germany, Portugal, Poland, Russia, Cambodia, and China. Cirque du Soleil features only people—no animals—in its productions, and has only one ring instead of three.

The audience on opening night didn't

seem to miss the animals or the other two rings. Instead all attention was focused on one death-defying act after another.

The spectacular agility of the contortion acrobatics in the first act set the tone for the entire show. From one breath-holding gasp to another, Saltimbanco left the audience exhausted but exhilarated.

This year's production features a new attraction, singer Francine Poitras. This is the first time Cirque du Soleil has used a person's voice to sing throughout the show. Her score includes only one opera in 13th century Low Italian. The rest includes words, phrases or just sounds taken from Arab, Swedish or the Germanic languages.

The lyrics make no sense and are only words or parts of words put together

because they sound good. That sound is sometimes haunting and other times ethereal. She feels her character represents different things during different acts. "Sometimes I'm a fairy godmother and other times I'm an angel," Poitras said.

There were 14 acts in all that took the audience on a roller coaster ride. Acts that displayed great strength, like the Chinese Poles, the tightrope act by Sun Hongli, and the Alexis Brothers' "Hand to Hand Balancing," brought roars from the audience. Each act took the audience to a new pinnacle and then down for a brief moment only to accomplish it once again.

René Bazinet of Germany displays his talent by playing five different characters that resemble the clown of traditional circuses. In the opening scene he is "Le

Baron," the master of ceremonies and ringmaster. He returns after an act to play a boyish clown and then reappears from time to time and fascinates the crowd with his original acts. In one of these original acts he takes a person from the audience and leads him through a maze of imaginary mimicry.

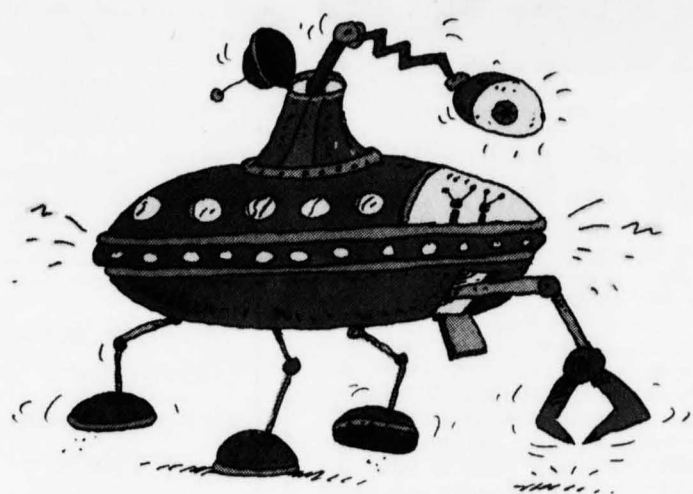
The creative team of costume designers have brought to life the style of the circus along with vibrant colors. Every color imaginable adorns the stage as acrobats are flung from people, to people, between people and through the air. The Chinese Poles act, for instance, would not be as spectacular without the collage of matching body suits.

Along the same lines as the creative costuming is the unusual band; unusual in the sense that the music being played is sort of rockish, urbanistic, punk and

sometimes operatic. "Anybody in the audience will like it," said Jennifer Dunne, press attaché. Drummer Alain Bergé beats out a tempo to each climactic act of the show. Along with Bergé are Jocelyn Drainville, saxophonist and percussionist; Guy Kaye, guitarist; Brigitte Larochelle, m.c. and keyboard player; and Jean-Francois Lemieux, bass player. They have the task of keeping tempo through any mishaps.

Cirque du Soleil is a circus for the soul. It feeds the hunger of every adult who ever thought they wanted to run away with the circus.

Tickets range from \$12.50 to \$35.50 for adults and \$6.00 to \$23.50 for children, but there are student discounts available. It is located on San Fernando and Third Street and will run through Sept. 20.



"You know, it's so ridiculous. If I don't call my parents every Sunday at exactly 5 o'clock, they think I was kidnapped by aliens, or something. Anyway, one Sunday me and Mark, we decide to take-off and check out the city. So we're hanging out and I look at my watch. 5 o'clock. Alright, so my calling card and I head down to the local pool hall. (which I happen to know has a payphone) And I tell the folks the Martians send their best."

No matter where you happen to be, the AT&T Calling Card can take you home.

It's also the least expensive way to call state-to-state on AT&T, when you can't dial direct. With the new AT&T Call and Save Plan, you'll get special discounts on AT&T Calling Card calls.* And once you have



your card, you'll never need to apply for another.

If you get your Calling Card now, your first call will be free.** And you'll become a member of AT&T Student Saver Plus, a program of products and services that saves students time and money.

All of which makes the AT&T Calling Card out of this world.

To get an AT&T Calling Card, call 1 800 654-0471 Ext. 850.



© 1991 AT&T. *Pending FCC approval. Please call above 800 number for details. **You'll receive one \$1 AT&T L.D. Certificate equivalent to 25 minutes of call or direct dial, credit to your right and weekend calling based on rates effective 6/9/91. You could get more or fewer minutes depending on where or when you call. Offer limited to one certificate per student.

Racism forum interrupted by students angry at cost

By MARIA C. ROSE
Spartan Daily Staff Writer

A small group of Latino students stormed the first "Getting Along" forum, Tuesday afternoon, demanding student fees be returned, and that Latino leaders of their choice be the ones to speak at the forum.

John Morales, a 22 year old undeclared senior, demanded all SJSU money donated to the forum be reimbursed to SJSU.

But the forum, held at the First Unitarian Church of San Jose, was funded completely by private donation, said John Galm, an SJSU English professor who helped organize the workshop.

In a letter to the U.S. Federal and Santa Clara County grand juries, Morales also wanted the "San Jose Chicano Community be allowed to self-identify how they view racism focused toward the Chicano Community."

"No filtering out of any views," Morales said in the letter.

The multi-cultural forum was designed to raise issues of racism as it affects everyone, said Galm.

"We don't want to represent a particular point of view. We want a forum not for anyone, but one to help open dialogues," he said.

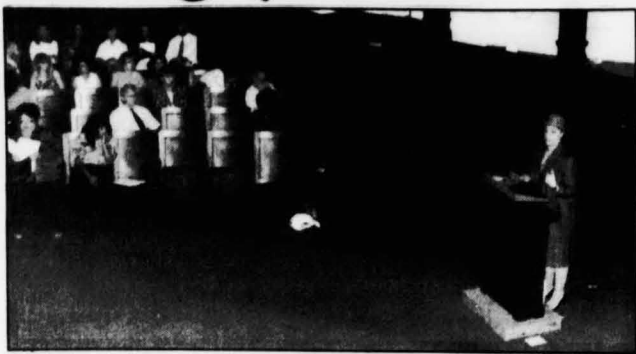
While some members belong to the SJSU political group MEChA (Movimiento Estudiantil Chicano de Aztlan), the protesters did not represent a particular group said Morales.

As Nettye Goddard, a SJSU professor emceed, made opening comments at the afternoon forum, five protesters rushed in.

As Goddard gave Morales the floor, he said the keynote speaker Aileen Hernandez, "doesn't respect the Chicano community and has sold our community short," Hernandez, a member of the Citizens' Commission on Civil Rights and the first woman on the EEOC, is African-American.

"They misunderstood the ethnicity of the speaker," said Galm.

When Hernandez arrived at



Aileen Hernandez addresses audience at "Getting Along" seminar.

the forum, Morales presented her with a silver crown he called "Reina de vendidos" symbolizing a queen of the sellouts.

"I disagree with you and I'll be delighted to talk to you afterwards," Hernandez said as she walked into the forum.

The protesters did not attend the forum. Instead, they distributed fliers outside and left before it had finished.

According to a flyer passed out by protesters, Hernandez testified in favor of Senate Bill 797 which would "create a new structural scheme to disempower all minorities...A regional government will deprive Chicanos/Latino in San Jose of public benefits that we would have received if power remained local." The bill was defeated.

Some students said SJSU is not doing enough to end racism.

"We're behind. San Jose State is a racist institution," said Margaret Ota, a first year master's student in English. "We talk about issues but there is no change."

SJSU Interim President J. Handel Evans disagreed. "We are very aware that changes need to be made — where best but in a university," Evans said who delivered the opening remarks at the forum.

"Anything that will bring down racism is important. If this was a restricted forum, I would not have given it my or the University's

sponsorship," Evans said. "No one would say this world is free of racism. Education is the major access to be free of this terrible thing."

According to A.S. Controller Shannon Roberts, no A.S. fees were used to fund the forum. Nor were any general funds used, Evans said. Students were disturbed at Morales' claim that "our chosen leaders were not present."

"I am an individual and have my own point of view. Just because I am Latin doesn't mean I agree with everything they say," said Alfonso Apu, a senior majoring in art.

With a crowd of over 100 from various backgrounds, forum organizers were confused by the students' claim that Latinos were not included in the forum planning which included people from various ethnic backgrounds, Galm said.

Those in attendance said the forum was a good starting point.

"Nothing is going to happen at the beginning of a dialogue," said Queen Ann Cannon of the Santa Clara Valley Urban League. "It's just a beginning."

"Racism is like an alcoholic's problem. We deny that it exists," said Genaro Barajas, junior, political science, and a member of C.U.R.E. (Coalition to Undo Racism Effectively).

Judge rejects California's attempt to block Channel One

(AP) — A judge Wednesday rejected the state's attempt to ban Channel One from a school district, but ordered school officials to make clear that watching the commercial classroom news show is optional.

The decision in the closely-watched case followed victories in New Jersey and North Carolina for Channel One, which has come under fire because the 12-minute public affairs and news program includes two minutes of advertising for things like candy bars.

About 7.1 million students in some 12,000 public and private schools in 45 states watch the Channel One broadcasts each school day. In return, the program's operator, Knoxville, Tenn.-based Whittle Communications, provides schools with expensive video equipment.

Proponents say Channel One programs teach students about

current events and stimulate them to read newspapers. Critics say the students are a captive audience for advertisers. Whittle Communications has said it would scrap the program without the advertising, which earns the company about \$630,000 a day.

The California Department of Education had sued to get the program out of San Jose's East Side Union High School District because of the advertising.

Judge Jeremy Fogel of Santa Clara County Superior Court denied the state's request for an injunction.

"The court is not persuaded that the mere presence in public schools of commercial advertising, even the type of advertising shown on Channel One, is illegal per se," Fogel ruled.

And he said the Department of Education had not proved that students were coerced into watch-

ing the commercials.

But Fogel ordered that students, parents and teachers be advised that watching the channel is optional, and that the district provide a supervised alternative to Channel One, such as silent reading. He also reserved the right to designate someone to evaluate the advertising's impact on students, and to appoint a referee to monitor compliance with his orders. Whittle Communications spokeswoman Jami Warner called the ruling a victory.

"What (Fogel) is asking the school and school district to do is to formalize a policy they have in place, to notify students, teachers and parents of their options in regards to Channel One," Warner said.

State Education Department spokesman William L. Rukeyser said: "It's clearly not a total victory for either side."

San Jose State University's award-winning **Access** magazine is looking for talented writers, artists and photographers to contribute to its Fall 92 issue.

WRITERS

Submit all article queries to the attention of the editor by September 16th at 2 p.m.

BE AWARE. BE INVOLVED.

DE fine the **90s**

PHOTOGRAPHERS/ARTISTS

Show your portfolio on either September 21 at 4:15 p.m. or at 3 p.m. on September 23.

Access
Dwight Bentel Hall Rm. 213
(408) 942-3260
call for details

Racism: Forum attacks inequities

From Page 1

— against the pervasive fear that he believes to be at the heart of racist thought.

"I believe it is absolutely mandatory that we fight bigotry, and its corollary — poverty, with education," Evans said.

Aldon Nielsen, a SJSU English professor and contributing speaker at the workshop, said racism is not the problem it once was, rather it's a different problem. Nielsen went on to add that the failure of political institutions is one reason why the issue of racism is still spoken of today.

"We live in a political climate where racist rhetoric is disguised in egalitarian discourse," said Nielsen, who has written a book on the nature of racial discourse in American writings. "The major responsibility to destroy racism in this nation lies with white people."

Both speeches presented by Hernandez and Nielsen registered great opposition from Dale Warner, who immediately rose to his feet during the question period of the program.

Warner, who practices immigration law and who represents The Irish Task Force and European study group of San Jose, said he felt secluded and unwelcome at the event.

"I felt slapped in the face," Warner said. "Professor Nielsen has a warped view of how to solve racist problems in this society... he told people like me to go away."

In response to Warner's comments, Nielsen said his remarks were misrepresented and that he did not ask people like Warner to leave. Rather, Nielsen said that he invites white people to participate in the discussion of racism.

"I am sorry he felt that way," said Hernandez in reference to Warner's remarks. "We were dealing with racism and the victims of racism. We need more time and more dialogue."

Despite Warner and the student protesters, John Galm, a SJSU English professor who

helped organize the workshop said he was glad to see people from different ethnic backgrounds come together and talk to another.

"I hope people will continue to come," Galm said. "We can't solve the problem today, but we can participate to get something started."

Lori Bartels, a Psychology professor at SJSU, feels that events of this sort are beneficial.

"(They) can heighten people's awareness of racism which is the first step in combating it," Bartels said.

SJSU student Craig Matsumoto, who attended the program as part of a class assignment, said he has experienced racism in the form of social stereotypes.

"It is good (the workshop), better than not to say anything," Matsumoto said.

Marjorie Craig, a counselor at SJSU, thought the workshop was a good beginning but said a lot of people in America don't know their history and how it relates to racism.

"We need to study our history," Craig said. "We must get beyond stereotypes and begin to relate to people at the human level."

Other contributing speakers at the workshop were Jay-Sang Rhee, a grocer and columnist for the Korean Daily, and Joe Rodriguez, who is a Community Arts Development Officer for the Office of Cultural Affairs in San Jose.

The next workshop is scheduled for October 12 and will deal with the topic of immigration and racism.

Spartan Daily Staff Writer Maria C. Rose contributed to this report.

RESERVE OFFICERS' TRAINING CORPS

BE A LEADER IN A HIGH TECH FIELD.

While signing up for your high tech courses, sign up for Army ROTC too.

ROTC is a college elective that develops in talented students the skills and confidence to lead and become an

officer in today's Army. An Army that's on the cutting edge of high technology.

ROTC provides hands-on leadership training. Valuable training that prepares you for a military or a civilian career.



ARMY ROTC

THE SMARTEST COLLEGE COURSE YOU CAN TAKE.

Contact Major Mark Backer
MacQuarrie Hall, Room 308
(408) 924 2920

HARRISON FORD IS **BLADE RUNNER**™ THE DIRECTOR'S CUT

THE ORIGINAL CUT OF THE FUTURISTIC ADVENTURE



JERRY PERENCHIO AND BUD YORKIN PRESENT
A MICHAEL DEELEY-RIDLEY SCOTT PRODUCTION

STARRING: HARRISON FORD

IN BLADE RUNNER WITH RUTGER HAUER SEAN YOUNG

EDWARD JAMES OLMOSS SCREENPLAY BY HAMPTON FANCHER AND DAVID PEOPLES

EXECUTIVE PRODUCERS BRIAN KELLY AND HAMPTON FANCHER VISUAL EFFECTS BY DOUGLAS TRUMBULL

ORIGINAL MUSIC COMPOSED BY VANGELIS PRODUCED BY MICHAEL DEELEY DIRECTED BY RIDLEY SCOTT

R RESTRICTED
UNDER 17 REQUIRES ACCOMPANYING PARENT OR ADULT GUARDIAN

TECHNICOLOR

DOUBLEDAY

A LADD COMPANY RELEASE

IN ASSOCIATION WITH SUE RUN RUN SHAW THRU

WARNER BROS. A TIME WARNER ENTERTAINMENT COMPANY

© 1992 Warner Bros. All Rights Reserved

STARTS FRIDAY VARSITY, PALO ALTO



MARCO J. SANCHEZ — SPARTAN DAILY

Slip, slide and away

During the slip 'n' slide competition on Saturday by the Aquatic Center, Darwin Dumlao smeared his body with soap. The event was sponsored by the Joe West Hall staff.

Bus, light-rail lines to be cut under proposed plans

By AMOS FABIAN
Spartan Daily Staff Writer

Service changes to late bus and light rail trips, sought by the Santa Clara County Transportation Agency, could directly affect SJSU students, especially night students, effective January 1993.

At the first of nine community meetings scheduled around the County, SCCTA staff members outlined the proposed cuts and the reasoning behind them. The final approval, by the Transit District Board of Supervisors, will take place on Tuesday, November 3, at 9 a.m.

Mike Aro, SCCTA's Service Development Manager, described the categories of cuts they proposed, dividing them into three.

Under discontinued changes category, Aro said that lines will end earlier, start later, or be eliminated entirely. Bus lines 63 and 65 which arrive at SJSU from Almaden Valley and Almaden Light Rail Station respectively are among those to be cut.

According to the new proposal, Line 63 will end southbound services at 9 p.m., instead of at 10:05 p.m. Line 65 will stop southbound trips that start at 7:11 p.m. instead of those that start at 9:34 p.m.

Under trip deletions, Aro cited trips that would start at later locations, end at earlier ones, or trips which have been eliminated entirely.

Finally, under route changes, he cited eliminating service duplications and restructuring two overlapping routes into one. Aro gave lines 123 and 124 as an example. Currently, line 123 runs from East San Jose, while line 124 runs from Eastridge, both arriving at Lockheed/Moffett Park.

Aro said under the current proposal, line 123 will be discontinued, while line 124 will serve line 123 customers.

County transit is operating on a deficit for the first time in its history, according to Mike Rancer, the agency's manager of budget, operations analysis and purchasing.

He said that while administrative expenses constitute 10 percent of SCCTA's total budget, they took 40 percent of the cuts. This still means, however, cutting services as well.

According to Rancer, the agency is trying to cut services which have fewer passengers per bus because at 90 dollars per hour per bus, operations are too expensive.

Rancer said passage of measure "A" by the voters in November will pay for services required by the Americans with Disability Act. If the measure doesn't pass, the agency will still have to provide those services by cutting other areas, he said.

According to Peter Fournier, from the Citizens' Coalition for Traffic Relief, measure A "is an initiative that expands rail transit and mass transit bus services and also improves highways and roads

in Santa Clara County."

All the proposed changes will be subject to extensive public review, according to Bill Capps. The Agency's Senior Service Development Specialist said that after the public input, the staff will review the service change proposals and present a final proposal at

three different meetings.

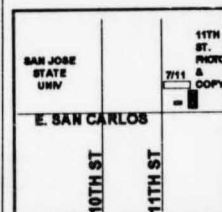
This proposal is a worst-case scenario, and will affect virtually all routes, directly or indirectly, according to Bruce Kosanovic.

The transportation aid to County Supervisor Rod Diridon's said that while the proposal calls for a 12.5 percent cut, "the board

will cut 10 percent only."

"What will actually be cut will be determined mainly by the public's reaction, via meetings or written comments," Kosanovic said.

The proposed service change brochures are available on all buses and light rail vehicles.



505 E. SAN CARLOS
AT 11TH ST.
SAN JOSE
2 BLOCKS FROM
SAN JOSE STATE
PHONE 287-1111

PHOTO DRIVE-UP'S

11TH ST.
PHOTO &
COPY

FULL SERVICE COPY CENTER
FEATURING XEROX 5090, CANON COLOR

FILM DEVELOPING
OVERNIGHT ROLL SERVICE

FAX SERVICES
SENDING & RECEIVING

11TH ST. P & C COUPON

FILM DEVELOPING & PRINTING SPECIAL
GRAND OPENING SPECIAL

BRING YOUR 110, 126, 135 OR
DISC COLOR FILM TO 11TH ST.
PHOTO & COPY, ANY NUMBER
OF EXPOSURES (12, 24, OR 36),
AND GET 3 1/2" PRINTS BACK
AT ONE LOW PRICE

\$2.99
ANY SIZE ROLL

OR GET 4" PRINTS BACK WHEN
YOU HAVE YOUR ROLL DEVELOPED
AND PRINTED FOR ONLY

\$4.99 ANY
SIZE
ROLL

GRAND OPENING SPECIAL GOOD ONLY AT
11TH ST. PHOTO & COPY - EXPIRES 9/20/92

5 X 7 ENLARGEMENTS
FROM YOUR 110, 126, 135 OR DISC COLOR NEGS
8 X 10 ENLARGEMENTS
FROM YOUR 126 OR 135MM COLOR NEGS

\$1.29

\$2.49

NOT VALID WITH OTHER ORDERS - MUST ACCOMPANY INCOMING ORDER - EXPIRES 9/20/92

COPIES

11TH ST. PHOTO & COPY OFFERS YOU
THE LATEST TECHNOLOGY IN COPIERS -
XEROX 5090 -- 130 COPIES PER MINUTE,
BINDING AND MUCH MORE!

2¢

EACH

8 1/2 X 11 - WHITE - 20#

SELF SERVICE COPIERS
AVAILABLE

EXPIRES 9/20/92

COLOR COPIES

MAKE QUALITY COLOR COPIES FROM YOUR COLOR
PHOTOGRAPHS, CHARTS, DRAWINGS AND MORE.
GREAT WAY TO MAKE PROFESSIONAL PRESENTA-
TION TRANSPARENCIES!

99¢
8 1/2 X 11 - 20#

FAX SENDING & RECEIVING
SECOND PAGE
SENT OR RECEIVED

FREE

EXPIRES 9/20/92

Your school could give you a lot of credit for taking our classes.

If you can't get the classes you need at your school, don't give up. Take them from us. We have a wide range of undergraduate classes available, many of which will transfer back to state and community colleges. Your counselors have a complete list for your school.

At Golden Gate, we keep our classes small so you don't get lost in the crowd. We've streamlined our registration and admissions procedures to help make it easier to enroll. We offer a deferred tuition plan and financial aid programs. We have classes during the day, at night, even on weekends. And we have campuses throughout Northern California.

Call now for complete information on class availability, how to register, and for a copy of our Fall schedule.

| | |
|------------|--|
| Acctg 1A | Introductory Financial Accounting |
| Acctg 1B | Introductory Managerial Accounting |
| Acctg 100A | Intermediate Accounting I |
| Acctg 100B | Intermediate Accounting II |
| Adv 100 | Introduction to Advertising |
| Adv 124 | Copywriting and Creative Evaluation |
| Anthro 1 | Principles of Anthropology |
| Anthro 110 | Applied Anthropology |
| Arts 105 | Contemporary Arts and Culture |
| Econ 1 | Principles of Microeconomics |
| Econ 2 | Principles of Macroeconomics |
| Econ 101A | Business Economics I |
| Econ 101B | Business Economics II |
| Econ 103 | Money and Banking |
| Engl 1A | Expository Writing |
| Engl 1B | Research Writing |
| Engl 120 | Advanced Business Writing |
| Engl 135 | Introduction to Journalism |
| FN 100 | Financial Management |
| FN 102 | Financial Analysis |
| FN 103 | Capital Budgeting and Long-Term Financing |
| FN 109 | Cases in Financial Management |
| Hist 3A | History of Western Civilization |
| Hist 17A | History of the United States (1607-1865) |
| H&R 110 | Introduction to the Hospitality Industry |
| H&R 115 | Front Office Management |
| HRes 40 | Organizational Behavior and Management Principles |
| HRes 173 | Human Resources Management |
| HRes 174 | Labor & Management Relations |
| Hum 143 | The Dynamics of Civilizations |
| Hum 165 | East Asian Civilizations |
| InfS 1 | Computer Concepts and Software Systems |
| InfS 10 | Small Computers for Business |
| InfS 100A | Spreadsheets (Micro) Lotus 1-2-3 |
| IntM 176 | Introduction to International Business |
| IntM 80 | International Banking and Finance |
| Lit 25 | World Literature |
| Lit 150 | Literature and Business |
| Mgt 100 | The Manager as Communicator |
| Mgt 145 | Law of Contracts, Sales & Commercial Transactions |
| Mgt 149 | Law of Property, Agency and Business Organization |
| Mgt 156 | Management Policy and Strategy |
| Mgt 178 | Small Business Management |
| Mkt 100 | Principles of Marketing |
| Mkt 102 | Consumer Behavior |
| Mkt 191 | Marketing Management |
| Math 10 | Introductory Algebra |
| Math 20 | Intermediate Algebra |
| Math 30 | College Algebra |
| Math 40 | Statistics |
| Opns 105 | Principles of Transportation |
| Opns 108 | Business Logistics |
| Opns 114 | Legal Issues in Logistics |
| Opns 160 | Operations Management |
| Opns 164 | Purchasing and Materials Management 3 |
| Phil 2 | Introduction to Logic |
| Phil 120 | Critical Thinking |
| PS 1 | American Government |
| PS 100 | Issues in American Government & Politics |
| PS 121 | United States Foreign Policy |
| PS 132 | Introduction to the American Legal System and Practice |
| Psych 1 | Principles of Psychology |
| Psych 100 | Theories of Personality |
| Psych 111 | Abnormal Psychology |
| Sci 121 | History of Scientific Thought |
| Soc 9 | Introduction to American Culture for the International Student |
| Speech 30 | Accent Enhancement |
| Speech 32 | Public Speaking for Multi-Lingual Students |
| Speech 35 | Speech Communication |
| Telc 10 | Telecommunications Technology I |
| Telc 20 | Telecommunications Technology II |
| Telc 110 | A History of Telecommunications Development |
| Telc 115 | Introduction to Data Communications |

415/442-7800

Golden Gate University is a private, nonprofit institution with a wide variety of undergraduate degree programs, including Accounting, Business and Humanities, Finance, Management, and Political Science.

GOLDEN GATE UNIVERSITY

Bachelor's, Master's and Doctoral degree programs for the business professions, public service and law, since 1901.



Pete Borello

49ers made a good move in placing Joe on IR list

Since a lot has happened in the sporting world over the last few weeks, and this being my first column of the semester, I figured it would be best to address all the major issues:

1. Joe Montana — The Niners made the right move in placing Montana on the injured reserve list. Otherwise, Joe — being the competitor he is — would have likely overworked his arm in order to start against Buffalo this Sunday.

These next three weeks should be a good indicator of whether his career is over or not.

2. The Jose Canseco Trade — A great deal for the A's if they can resign Sierra this winter. Ruben is as talented as Jose, isn't a regular at traffic school and is a more durable athlete.

The last season Canseco played in more than 130 games was 1988. But if Sierra finds a new home this off season, general manager Sandy Alderson should find a new job.

3. The 49ers Season Opener — It shouldn't have been that close. The Niners stopped themselves too many times against a Giant team that's average at best. After Bono's solid performance, I'm convinced that coach Seifert is starting the wrong Steve. But if Ricky Watters can consistently run like he did against the Giants, the Niners offense will be so powerful that it won't matter who's lined up behind center.

4. The Charles Haley Trade — I'm one of the few people not critical of the deal which sent the disgruntled linebacker to the Cowboys.

So the Niners didn't get a star player or a first-round pick for Haley, a two-time pro bowler. But this trade did not center on what San Francisco got, rather on what they got rid of — a headache. A throbbing, migraine headache.

In the week leading up to the trade, according to a report in the Times Tribune, Haley urinated on the car of teammate Tim Harris. He then told Seifert to "F__ off" and made comments to players about their wives' sexual habits.

I hope Cowboy coach Jimmy Johnson stocked up on Anacin — ol' Chuck was in Dallas less than a week before getting into an altercation with quarterback Troy Aikman.

5. Fay Vincent's Resignation — The commissioner of baseball, now former commish, seems to have a lot in common with California Governor Pete Wilson.

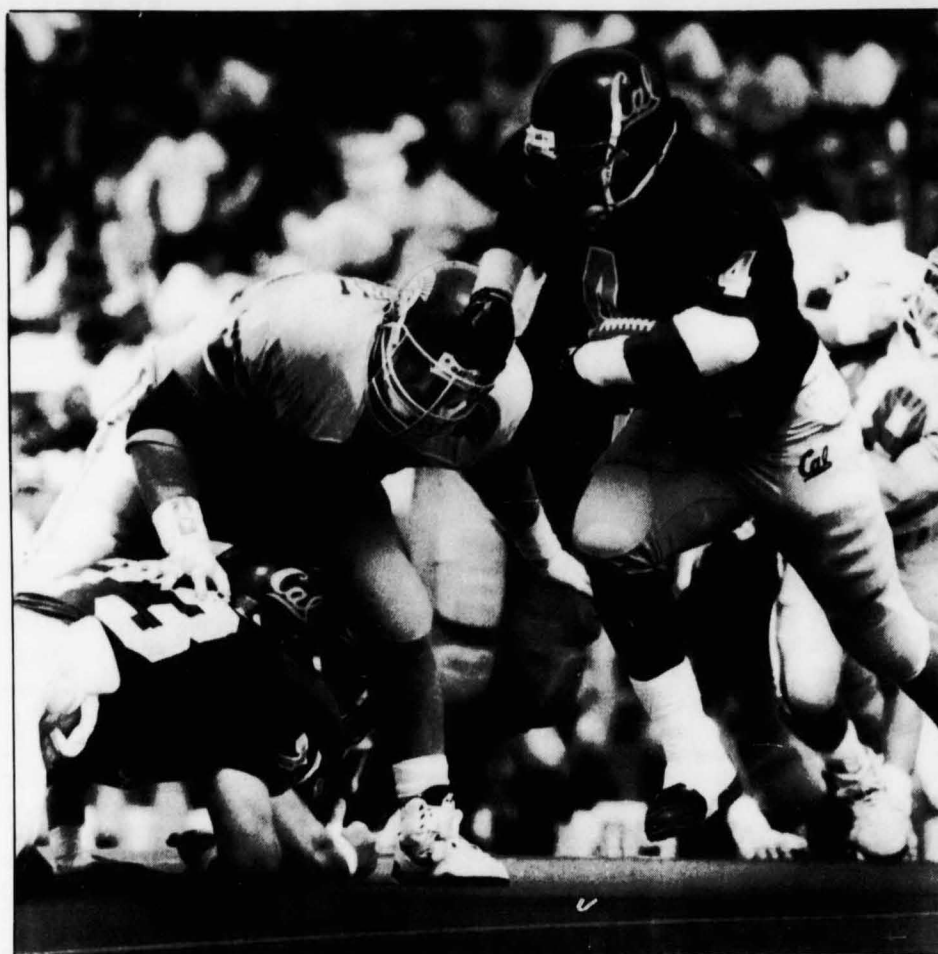
Not long after being elected, both Vincent and Wilson angered their electorates with their unfavorable decisions which caused the electorates to take action to remove them from power. The main difference between the two is that at least Fay knew when it was time to get out.

6. The S.F. Giants Pending Move — It's hard to tell whether San Francisco Mayor Frank Jordan is just going through the motions — looking as though he's making a valiant attempt to keep the club in order to improve his rather tattered image — or is earnestly doing all he can to keep the Giants in the Bay Area.

But let's face it, this deal with George Shinn and company is too little, too late.

It will be a sad day when the Giants leave for St. Pete in '93 and even sadder to see yet another team move into one of those awful domes.

Pete Borello is a Spartan Daily Staff Writer



RICK WACHA — SPARTAN DAILY

Cal's Heisman Trophy candidate, Russell White, bolts past SJSU defensive lineman Kevin O'Connell during the Bears' 46-16 win last Saturday. The Spartans hope to have better luck this Saturday when it plays Minnesota.

Spartans look for revenge against Golden Gophers

By JIM BATCHO
Spartan Daily Staff Writer

As the Spartan football players head into their game against the University of Minnesota this Saturday, at least two prevailing thoughts will be on their minds — improvement and revenge.

After last season's heartbreaking 26-20 loss to the Golden Gophers — a game in which the Spartans gave up a 20-9 third-quarter lead — last year's players will be seeking retribution.

"I can't wait to get back there," said senior nose guard Kevin O'Connell. "That's a game we should have won."

"It's amazing that a game can turn around so fast. You know, they had some things happen and got some momentum going. It just shell-shocked us," O'Connell said.

Sophomore tailback Donald Lindsey agreed.

"As far as the veterans go, they know what happened last year," Lindsey said. "I think they can take that as a confidence boost for this game."

Considering Saturday's punishing opening loss to the University of California at Berkeley, confidence is one thing the Spartans need.

According to Head Coach Ron

Turner, some of the younger players were intimidated by the magnitude of the game.

"I saw some (players) looking up at the stands, looking at the TV cameras," Turner said. "And after a while they won't do that anymore. But when the ball was snapped, we had a lot of people thinking and not reacting."

Turner said he wants to focus mainly on improving the team's performance from game to game.

"What we have to do is we have to improve every game and progress," he said. "If we do that the record will take care of itself."

"We're trying to base our team on improving each week," Lindsey said. "We have to come out and do better each game than we did in the previous one."

Minnesota finished the season last year at 2-9 with a 1-7 Big Ten Conference record. This year the Golden Gophers are welcoming in first-year coach Jim Wacker.

The Gophers will use a wide open offense with an emphasis on the passing game.

Their defense is based on physical, aggressive play with multiple looks.

"Offensively they're wide open, with four receivers a lot of the time," Turner said. "They'll show one back, no backs. They do a little of everything. They really try

to spread the defense out."

The Spartans will take on Minnesota at the Metrodome at 5 p.m. on Saturday.

Cal players named to All-Pac 10 team after Bears blow out Spartans 46-16

WALNUT CREEK (AP) — California cornerback Isaac Booth and California kicker Doug Brien were named Pacific-10 Conference players of the week, it was announced on Tuesday.

Booth, a junior from Indi-

anapolis, Ind., intercepted two passes and had three pass deflections to lead the Golden Bears' 46-16 victory over SJSU.

Brien, a junior from Danville, Calif., made three of three field goals for 23, 25 and 50 yards.

The Princeton Review and LSAT Intensive Review are Now Teaching

ANCIENT LSAT

The Roman Numerals question format, sometimes called the Triple True/False, has not appeared on the LSAT since February 1991.

At Kaplan, we caught the change. And we updated all our LSAT materials. So we prep you for this year's LSAT.

At the Princeton Review and LSAT Intensive Review, somebody's napping. They're using the same old course materials. So they prep you for yesteryear's LSAT.

Prepare with Kaplan. The others are history.

For more information on Contemporary LSAT prep, call:

1-800-KAP-TEST

KAPLAN

The answer to the test question.

KAPPA SIGMA RUSH GIVES YOU TWICE THE FUN

WEEK ONE

TODAY 9-10



Siesta's Macho Taco
Fiesta

Starting time: 11am.

Go Go Speed Racer!
Go-Cart Racing

Meet at the Kappa Sig house @ 6pm

FRIDAY 9-11

DAD'S 'OLE TIME
BBQ

The fun starts @ 2pm.
See you there!



SATURDAY 9-12

RAGING WATERS
& ALL DAYS
SPORTS BBQ

(Meet at the Kappa Sig house at 10am.)

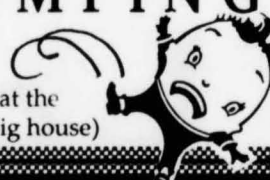
For more info, call: Kappa Sigma- 279-9860
J.T. (Rush Chairman) - 732-5517
Tony Commendatore (President) - 287-8807

WEEK TWO

SUNDAY 9-13

BUNGEE JUMPING

(Details at the Kappa Sig house)



MONDAY 9-14

Broom-ball

MEET US AT
THE KAPPA
SIGMA HOUSE
@ 9:30 pm.

THURSDAY 9-17

FORMAL STEAK DINNER @ 7pm.



FRIDAY 9-18.....*

PARTY

WITH...

THE RAGE
* INVITE ONLY

Need a Mac at Midnight?

24 Hour Mac & IBM Rentals

Need to work late?
Come in anytime -
count on us.



\$2 OFF MAC RENTAL

Valid from 12 to 6 a.m. \$2 off self-service Macintosh computer time with this coupon. Does not include laser prints. One coupon per customer. Not valid with any other offer and only at this location. Expires 9/30/92

kinko's
the copy center

93 E. San Carlos St. • 295 - 4336 • FAX 408 - 279-0655

Belideau leads Spartan soccer

By DON MCGEE
Spartan Daily Staff Writer

During SJSU soccer games this season, you'll hear Head Coach Gary St. Clair calling out the name, "Spence. Spence. Spence."

"Spence" is 19-year-old sophomore Spencer Belideau, the throttle of this year's team. "When Spencer is out there he has the ability to produce a little bit of magic," St. Clair said.

Keeping Belideau on the field may be the Spartans' biggest challenge this season.

Belideau enters this season fresh off of knee surgery which was performed just prior to the summer. Early this season, Belideau also had problems with his right hip, which has limited his playing time.

"They're (the injuries) slowing me down," said Belideau, who earned All-CIF honors during his senior year at Semi Valley High School.

"After these injuries it's going to take a while to get back to pace, but pretty soon I'll be back on track."

If the Spartans' first two matches are any indication, Belideau is getting closer to doing just that. After scoring a goal from his forward position in the Spartans' 2-1 victory over UC Santa Barbara last week, it looks as if Belideau is well on his way to being back on track.

Belideau, who stands 5-foot-10 and weighs 160



Spencer Belideau

pounds, is hoping this year's team can rebound from last season's disappointing 5-13-1 record.

"I see a lot of improvement," Belideau said. "This was a good game to set the pace for the season. The difference from this year's team is that we have a positive attitude and we believe we can win."

The Spartans ability to win, and win consistently, is going to depend on Belideau's ability to stay healthy. "We need him around the ball," St. Clair said. "We are a lot better team with Spencer healthy. He means an awful lot to us."

While Belideau realizes just how valuable he is to the Spartans, he keeps it all in perspective. "There's always room for improvement," Belideau said.

Belideau and the Spartans take on Notre Dame of Belmont Friday night at 7:30 p.m. at Spartan Stadium.

National League president allows SF to present a proposal to purchase Giants

ST. LOUIS (AP) — San Francisco will be allowed to present a proposal that will enable it to keep the Giants from moving to St. Petersburg, Fla., National League president Bill White said Wednesday.

White said he would receive the proposal from a San Francisco group and present it to NL owners to be considered equally with the offer from Florida investors.

"All we're doing is giving the people of San Francisco an opportunity to keep their team," White said.

Giants owner Bob Lurie, angered with the conditions in windy Candlestick Park and frustrated by voter rejection of four ballpark proposals, announced Aug. 7 that he had reached an agreement in principle with a group of Tampa Bay investors led by Vincent J. Naimoli.

The deal is believed to be valued at \$111 million.

San Francisco Mayor Frank M. Jordan has spent the last month attempting to put together a counteroffer.

Charlotte Hornets owner George Shinn heads that group.

"I expect a bid," said White, who met Tuesday with Jordan in New York.

Any deal needs approval from 10 of 14 NL owners and eight of 14 AL owners. White said the counteroffer "must be competitive."

The city of San Francisco sued Friday, requesting preliminary and permanent injunctions that would keep the Giants in Candlestick Park through the expiration of their lease in 1994.

Asked if that was a factor,

White said: "There's always litigation."

Fred Kuhlmann of the St. Louis Cardinals, chairman of baseball's eight-member ownership committee, said his group needed additional information on the Florida group.

"We're not in a position to make a recommendation to the National or American leagues,"

Kuhlmann said. "We need to receive additional information, and there will have to be another meeting."

"We're all very conscious that this is a live issue," Kuhlmann said.

"It's not in the best interests of anyone, certainly not in the best interests of the communities involved, to put this off any longer

than necessary."

Kuhlmann's committee examines all ownership groups seeking to buy teams, and technically only makes a recommendation on the owners, not the move of the team.

"It is not our function to decide whether the club should move," Kuhlmann said.

"But the two are integrally related."

BACK TO SCHOOL SALE

Visit our stores and see for yourself why FLAX art & design is considered the best. We have thousands of new and unique products... plus all the basics, for your shopping convenience. FLAX features the largest selection in Northern California at the lowest prices, everyday! Every item we carry is always at least 20% to 50% lower than list. Lots of FREE PARKING, too!

The Back-to-School Savings Sale will mean savings as much as 70% on these essential items:

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Niji Stylus Super 0.2 pens Choice of 7 colors | 18" x 24" Newsprint Pads 100 sheets | #1 Knife | FLAX Swing Arm Lamp | #4 Watercolor Sable brush |
| .59 ea List \$1.49 | \$3.99 ea List \$9.95 | .99 ea List \$1.95 | \$8.99 ea List \$29.95 | \$4.92 ea List \$16.30 |

Come to our Back-to-School Savings Sale and learn what low prices are all about!

FLAX art & design 1699 MARKET STREET • SAN FRANCISCO 94103 • 415.552.2355
510 EAST EL CAMINO REAL • SUNNYVALE 94087 • 408.736.6400

THERE'S MORE TO COLLEGE THAN JUST THE COMMUTE!



Get involved in the over 40 committees and positions on campus which allow students an active role in shaping SJSU.

WHO: The Associated Students

WHAT: Student Government

WHEN: Immediate Openings For

- Student Union Board of Directors
- Judicial Branch
- Spartan Shops Board
- Communications Director

Where: Stop by the Associated Students Office, 3rd Floor Student Union, or Call **Liberty Miller, Director of Personnel** at 924-6240.

WE KNOW YOU NEED THE DOUGH



Fee increases, new books, lab fees, and parking costs can drain a student's budget fast. You are low on money, but you still need to eat!

Domino's Pizza eases your budget crisis with pizza specials priced just for Spartan pocketbooks.

Call Today for Fresh, Hot Pizza Delivered to Your Door!

298-3030



•New Late Night Hours
Fri-Sat until 3AM
Sun-Thurs until 2AM
•Located nearby at
576 E. Santa Clara at 13th St
•New Owner!



DOMINO'S PIZZA WELCOMES YOU BACK WITH SPARTAN SPECIALS



CALL NOW! **SUPER SAVER**
PEPPERONI PASSION
FOR **\$6.99** Medium Pizza Loaded with Pepperoni
2ND FOR **\$4.00** More
NOBODY KNOWS LIKE DOMINO'S Mention coupon when ordering. EXPIRES 9/25/92
Valid at participating stores only. Not valid with any other coupon or offer. Customer pays sales tax where applicable. Delivery area limited to ensure safe driving. Our drivers carry less than \$20.00. Our drivers are not penalized for late deliveries. © 1992 Domino's Pizza, Inc.

CALL NOW! **LOW LOW PRICE**
STUDENT AfforDOUBLES
FOR **\$9.99** LARGE Pizza with one topping
2ND FOR **\$6.00** More
NOBODY KNOWS LIKE DOMINO'S Mention coupon when ordering. EXPIRES 9/25/92
Valid at participating stores only. Not valid with any other coupon or offer. Customer pays sales tax where applicable. Delivery area limited to ensure safe driving. Our drivers carry less than \$20.00. Our drivers are not penalized for late deliveries. © 1992 Domino's Pizza, Inc.

SJSU professor works in tandem with NASA

SJSU received the only non-flight AEM in existence

By DON MCGEE
Spartan Daily Staff Writer

Imagine the depths of space filled with millions of rats orbiting around the Earth.

Well, maybe not.

A joint effort between SJSU's Biological Sciences Department and NASA has produced an Animal Enclosure Module (AEM) which will now make it possible to conduct space experiments involving rodents without ever leaving the ground.

Currently there are only six AEM's qualified to fly on the space shuttle and there is only one non flight AEM in existence, which now belongs to SJSU.

If space-science isn't your forte, you're probably now wondering just what a AEM is.

SJSU's Dan Holley, Ph.D., Professor, Biological Sciences, certainly knows.

Holley was instrumental in the success and completion of the joint ventured project, which was made possible through a grant allocated by NASA.

According to the National Aeronautics and Space Administration, an AEM is a device used to study rodents in space via the space shuttle.

An AEM can hold up to six 350-gram rodents for seven to ten day flights.

It also provides automatic feeding and watering, as well as waste collection.

"This (the AEM) benefits the college of sciences and my students," Holley said. "It's the only non flight AEM and to have it at San Jose State it's really some-

thing."

Holley, who has worked with NASA on projects in the past, believes that SJSU's past record and accomplishments with NASA was the key to being granted the AEM.

"In our past record with NASA we have produced valid research data," Holley said.

According to Holley the university's ability to keep cost down and to do high quality research was one reason why SJSU was chosen.

"It's a prestige thing in that they trusted us and respected our capabilities as well as our abilities," Holley said. "This will assure continued funding to supplement experiments in future AEM programs."

According to Holley, some of those past achievements include developing standardized lighting requirements for rodents and non-human primates to be used on all NASA space vehicles, and the successful raising of three successive generations of rats from a pair of rats, which were kept within a specified lighting environment.

You can bet the addition of the new AEM has made Holley one happy scientist.

"The AEM keeps animals alive in space and then once they get back they can be studied," Holley said. "Animals are very important in the study of space and determining what goes on in space."

"We're going to use our AEM to begin work related to issues pertaining to animal cage sizing and animal density and growth."

Holley added that the AEM will also be utilized to continue analyzing lighting requirements for rodents species, and to begin the development of long term animal marking systems so that crew members can distinguish individual species visually.

The new AEM is unique. It will now make it possible to administer experiments on the ground in a laboratory.

Errol Hayward, a NASA engineer and coordinator of the AEM project, stressed that the main objective was to build a AEM that would be the same as a flight unit and that would have the ability to simulate actual space experiments. Hayward said the AEM



BY PATTI EAGAN — SPARTAN DAILY

Tony Barracoso, left, Dorothy Connell and Professor of Biological Sciences Dr. Dan Holley inspect the Animal Enclosure Module before it was re-released back to them from NASA.

cost NASA an estimated \$20,000 to construct, "What we have is strictly a ground unit for SJSU," Hayward said. "It's going to come in handy for ground test developments on animals. It looks great, (they) did a great job putting it together."

Credit for assembling the AEM goes to SJSU electric technician Tony Barracoso, who constructed the entire module from 80 sheets of blue-prints and drawings.

Barracoso also had to meet regular inspections concerning the AEM's progress, which were done by NASA officials.

The AEM, made mainly of aluminum and stainless steel, passed all quality checks done by NASA.

"Tony is super," said Dorothy Connell, who is the assistant dean of the college of sciences at SJSU. "We wouldn't have been able to do it, if not for Tony."

NASA engineering technician, Jack Van-

dendiresche, who worked closely on the project was pleased with the results.

"This AEM is a good piece of hardware," Vandendiresche said. "It gives Dan a good test-bed to use in the future to create new concepts were looking to improve."

Some of those improvements will be channeled toward developing a better filter design for the device, and problems associated with noise, according to Vandendiresche.

These are just some of the areas in which Holley is anxious to explore.

"We would like to qualify the AEM for mice and maybe other animals too," said Holley, who expects to begin testing involving the AEM in November.

Next time you see the space shuttle launched off into space, just think of SJSU's AEM and its contribution to the future of space.

Woody Allen—The gag writer Vs. The storyteller

NEW YORK (AP) — Woody Allen didn't begin his long career as a director or a novelist or any other kind of storyteller. He was a gag writer, a great gag writer, churning out 50 jokes a day for comedians and celebrities.

If he'd wanted to, he could have ended up as a writer of satire, poking fun at everything from television commercials to presidential debates. He might have contributed sketches to "Saturday Night Live" or spoofs to National Lampoon.

But Allen did something more enduring: He invented a character, a character of near unlimited comic possibility.

He placed him in the most far-fetched situations and imagined the most far-fetched ways for him to get out of them.

Had he retired from show business 15 years ago, he might have been remembered for that character — whether an urban neurotic in "Annie Hall," a cowardly Russian in "Love or Death," or the nebbish who has a gallbladder operation and wakes up 200 years later in "Sleeper."

Allen, however, didn't want to settle for that, either. As a lover of literature and foreign films, he wanted to tell stories.

Instead of using gags to hold a movie together, he sought to emulate Chekhov and Ingmar Bergman, to create an ensemble of characters and have them ponder the meaning of life.

It's been a bumpy ride. Many fans got bored and turned away. Although some critics praised him as the most accomplished filmmaker of his time, others found him pretentious and self-indulgent, out of touch with the world beyond the wealthy, white neighborhoods of Manhattan.

But while he longs to take on the great questions of his day, the gag writer doesn't go away that easily. Allen remains a funnyman in spite of himself.

He's a pessimist who can't shake his genius for comedy, a moralist who can't get his mind off sex, a philosopher with a weakness for one-liners, an outsider who has become the poet of the urban, cultural elite.

"I was not the frightened little

non-participant as a kid. ... I was not poor and hungry and neglected ... but a little overstatement here and there is not dishonest, I suppose." — Woody Allen, 1969.

Allen was born Allan Stewart Konigsberg on Dec. 1, 1935, the son of Nettie Konigsberg, a bookkeeper, and Martin Konigsberg, who worked at various jobs. Growing up in and around Brooklyn, young Allan was a good enough athlete to be among the first chosen in after-school games, a talented clarinet player, an amateur magician who spent hours practicing tricks.

As a teen-ager he began making up jokes and submitting them under the name "Woody Allen" to show business people.

By the late 1950s, he was on the staff of Sid Caesar's television program and soon after was working for "The Garry Moore Show," earning \$1,700 a week.

The Woody Allen world would come to know — the bespectled, mouselike figure nervously rubbing his hands together, grinning helplessly, cracking one-liners with the sweaty panic of a man trapped in a lion's cage — emerged in nightclubs in the early 1960s.

Reluctantly, Allen had let friends talk him into becoming a stand-up comic, overcoming a case of stage fright so severe he sometimes had to be pushed to the microphone.

He appeared frequently around Greenwich Village, receiving raves from critics and occasionally meeting up with another rising star, Bill Cosby, between shows.

Running scared was probably the best way for Allen to hit the stage. His personality was based on terror — of women, death, violence, insurance salesman. Out of this terror came an assembly line of jokes, delivered in a style that was a mix of Mort Sahl, Bob Hope and Groucho Marx.

"The FBI decide to lob in tear gas. But they didn't have tear gas. So several of the agents put on the death scene from 'Camille.' Tearfully, my abductors give themselves up."

"I have an intense desire to return to the womb, anybody's."

"I was in analysis for years

because of a traumatic childhood. I was breast-fed through falsies."

His act quickly caught on. Dubbed "The Samson of the Sad Sack" by one writer, he was a wallflower with wit, a nerd who could crack wise with equal skill about Russian novelists or having no date on Saturday night.

Allen worked in the tradition of the great New York humorists: George S. Kaufman, S.J. Perelman, Robert Benchley. He juxtaposed clichés about life and death with advice he could have learned from his own Jewish mother.

"God is love, and you should lay off of fatty foods," was a typical one-liner. "I don't believe in an afterlife, but I'm bringing a change of underwear just in case," was another.

What he said may have been unconventional, but Allen took a conventional route to stardom: stand-up bits on Ed Sullivan, guest-hosting for Johnny Carson, even a series of vodka ads.

Soon, comic pieces for The New Yorker and the plays "Play it Again, Sam" and "Don't Drink the Water" followed. During one of his stand-ups, he was spotted by a producer, Charles Feldman, who thought he had potential in the movies.

"Film is the common man's way to intellectualism." — Woody Allen, 1969.

Feldman asked Allen to write the screenplay for "What's New Pussycat?" The 1965 psychiatric farce, starring Peter O'Toole, was

a commercial success, but Allen was unhappy with how the film turned out and promised to have more control next time.

"Take the Money and Run," released in 1969, was the first real Woody Allen movie. He not only wrote it, he starred and directed. The film was a mock documentary about a bumbling bank robber, Virgil Starkwell, who longs — unsuccessfully — to be public enemy No. 1.

The question was never if Virgil would make a fool of himself, but how.

In one memorable sequence, he approaches a teller with a note that's supposed to read he has a gun, but his handwriting is so garbled the teller thinks "gun" is "gub."

Woody Allen's career as a film director and actor has been one mixed with critically acclaimed films to box office bombs.

SPECIAL OFFER

WANTED 77 PEOPLE

We will pay you to eat anything you want and lose up to 29 pounds in the next 30 days...and

KEEP IT OFF!

•NO DRUGS-100% NATURAL
•DOCTOR RECOMMENDED
•100% GUARANTEED

WE WILL HELP YOU LOOK AND FEEL GREAT!

Call Julie
(408) 236-3754
OFFER EXPIRES 9/12/92

MIDNIGHT MUNCHIES!

FREE FISH TACO
w/ COUPON AND PURCHASE OF BURRITO

ROCK N' TACOS
AUTHENTIC MEXICAN FOOD

OPEN LATE
TILL 3:00 am
Thurs, Fri, and Sat

131 West Santa Clara St.
next to Pizzzo A Go Go
993-8230
ext. 3130

Rock'n Happy Hour!
4-7pm Mon. - Sat
1/2 price off Nachos!

Turn to page 11 and find out what's going on in the world around us.

Sigma Chi Fraternity
In A Class Of Its Own
Fall Rush 1992

This Week!

Thursday
September 10

A's vs. Seattle Mariners

Baseball with the Bro's

Off to the game at 5 p.m.

Friday
September 11

GO MAN GO

After class, rock with the Bay Area's HOTTEST band!

Kicks off at 3:30 p.m.

Saturday
September 12

the **gyrO**

The ride of all rides!

Be there at 4 p.m....sharp!

ΣX Rush Chairman

Ki Hong • 749-0201

284 S. 10th St. • 279-9601

Clearly Canadian
Sparkling Mineral Water

