

Spartan Daily

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Serving the San Jose State Community Since 1934

Tuesday, September 29, 1981

U.S. history and constitution classes come under review

Courses that formerly satisfied the state's U.S. history, U.S. institutions and California government requirements are undergoing review by the Academic Senate Board of General Studies.

While under review, the courses have been granted only conditional approval for state requirement fulfillment, said Brett Melendy, associate academic vice president for undergraduate studies.

Academic Vice President Robert Burns issued the temporary approvals, Sept. 17. The approval applies to this school year.

Two factors brought about the re-evaluation of the courses, Melendy said.

In spring 1979, the Academic Senate created a new general education policy and formed the board of general study, giving it authority to review, solicit and evaluate all general education courses.

In fall 1980, the California State University and Colleges Chancellor's office issued executive order 338, which changed the minimum general education requirements, Melendy said.

The new state-wide policy increased the minimum number of units necessary to satisfy general education requirements from 40 to 48.

traditional History 17 A and B and Political Science 1 and 101 are being looked at," Melendy said.

Two courses under examination, Afro-American Studies 1A, 1B and Asian-American Studies 19, were "withheld" from conditional approval at the end of last semester by interim Academic Vice President Robert Sasseen.

The courses were granted interim approval by Burns along with the others earlier this month.

Developed as alternatives to History 17 A and B the Afro- and Asian-American Studies classes have received general education approval since 1975.

Steven M. Millner, Afro-American Studies professor, described the 1A course as a "standard historical treatment of important patterns of American society and Constitutional issues."

SJSU senior Robert Higashi, who completed Asian-American Studies 19 last semester, said, "The course was of educational value for myself in learning what part Asian-Americans had in the development of the United States."

The Academic Senate's general education policy goes up for review again in the 1983-84 school year.

Courses under review granted only conditional approval

Because of these shifts in policy, the board began reworking customarily approved American

institution courses and accepting proposals for new courses last year.

"All courses, including the

"Approval was withheld until the departments could amplify the course descriptions" Melendy said.

"Sasseen was uncertain, and felt the descriptions required more depth than the one- or two-page statements issued from the departments" he added.

New eligibility requirements overload Financial Aid office

By David Flemate
Staff Writer

(GSL) applications under newly revised eligibility requirements that take effect Oct. 1.

plicants from families with incomes over \$30,000 will have to fill out an additional form to determine financial need.

the total number of SJSU applicants for GSL reached 2,800. Since late last spring, the total for this year has already reached 2,800.

During the first days of school, "our offices were processing nearly one hundred applications a day," said John Bradbury, associate director of Financial Aids.

"Right now it's slowing down to about 40 to 50 a day," he said.

With President Reagan's latest nationally televised announcement of proposed budget cuts, the possibility of more cuts in financial aid remains a concern for those dependent on it.

"It's too early to tell if they will have an effect," Bradbury said. "At this point it would only be conjecture as to whether the cuts would be approved.

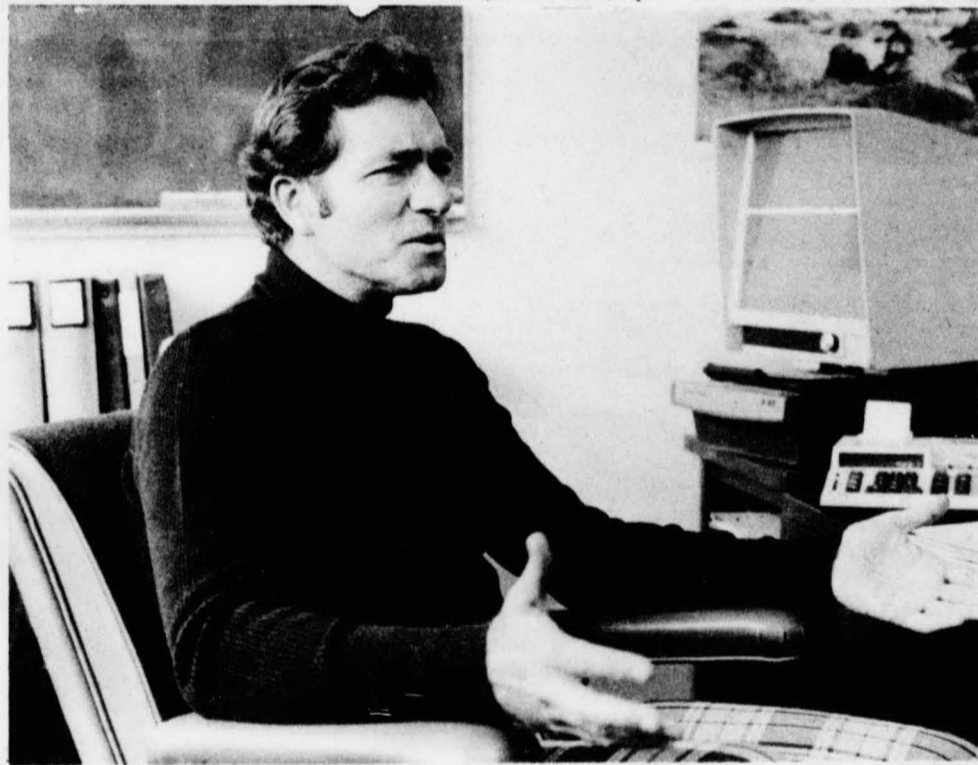
"I think education has had some strong support (in Congress) in the past."

There are still no more available funds for the work-study program, and according to Bradbury, this may not change until at least late November.

Since Sept. 18, the Financial Aids office has been processing all new Guaranteed Student Loan

Under the bill approved by Congress this past summer, ap

During the 1980-81 school year,



John Bradbury, SJSU's associate director of financial aid, discusses the limit in available funds and the chances of cutbacks proposed by President Reagan.

AFI cuts 20 percent off Environment Center budget

By Jayne Ash
Staff Writer

Working with a budget cut by 20 percent, Gerry Fong, director of the SJSU Environmental Information Center, wonders how she "will run a library without any books."

Last semester A.S. approved a \$6,020 budget for the center.

Now the budget has been sliced to \$4,700 because of passage of the Automatic Funding Initiative (AFI).

AFI was an initiative passed by student voters last spring to allocate a percentage of their student fees to six specific campus groups.

These groups include the Music and Drama departments, Spartan Daily, KSJS, Radio-TV news center, and the art gallery.

According to A.S. Controller Angela Osborne, less money was made available to groups such as the information center because funding was directed to AFI groups.

The Environmental Information Center supplies information on environmental issues. Students and staff can check out books, also.

The center is absorbing the cuts by eliminating and drastically cutting programs.

In the budget the center submitted last spring,

\$1,300 was allotted for operating expenses. This figure had to be cut to \$700 when the center received the new budget allowance. The \$700 is supposed to last the entire school year.

Operating expenses included magazine subscriptions, book purchases and clerical supplies, such as stamps and pencils.

Magazine subscriptions now cost the center \$450 annually.

Fong is concerned with how she will be able to supply information to students and teachers when the money is not available.

Publicity budget for the center has been cut from \$445 to \$75 and special programs from \$250 to \$25.

The only budget item not cut is the amount allotted to salaries.

"I didn't cut salaries because people have to be here to keep the center open or there is no use in having it at all," Fong said.

None of the groups whose budgets were cut were able to appeal to the A.S. Board.

"I couldn't fight for the budget before withdrawal, so now I'm going to try to go through the Special Allocation Committee. We will have a low priority though, because we are already funded by A.S." Fong said.

Campus crusade



Photo by Steve Pandari

With a choir of approximately 4,000 in the background, Billy Graham delivers his opening day message Sunday.

Billy Graham brings crusade to San Jose

By Julie Levy
Staff Writer

"Let's all say it together," Billy Graham called to the near-capacity crowd at Spartan Stadium Sunday.

"For God so loved the world that He gave His only

Son," they chanted back, "that whoever believes in Him shall not perish, but have everlasting life."

Some believers raised their faces, eyes closed, to the warm, sunny sky as they spoke. Others held their hands and watched the

evangelist shake his outstretched arms as he led the crowd. Young children repeated the verse from memory, eyes glued upon the man on the platform.

"Someone once said this was the Bible in a nutshell," he said. "Someone else said this is

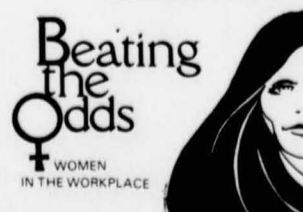
the Bible all wrapped up in 25 words. And, surely it is."

Graham preached his message of sin and salvation, heaven and hell, at the first of eight sermons he will deliver during his San Jose crusade through Sunday.

see page 3

SJSU's radiation laboratory up close

see page 4



Four-part series continues today

see page 5

Movie price correction

The A.S. Program Board has raised the admission price to campus movies only 25 cents, not 50 cents as stated in Monday's Spartan Daily.

The current admission price to evening movies is \$1.75.

forum

Editorial

Who gets who?

There are three kinds of lies: lies, damn lies and statistics - Disraeli.

SJSU President Gail Fullerton exercised that third option when she manipulated statistics last week to deceive students and faculty about the funneling of Instructionally Related Activities (IRA) funding into athletics.

"The IRA funds don't constitute the largest proportion of the athletic budget. Only 20.083 percent of the athletic budget came from the IRA funds last year. Viewed in terms of their total budgets, athletics get less," Fullerton said at a press conference.

Athletics get less?

Intercollegiate athletics received \$215,000 in IRA funds (or approximately 85 percent of the IRA pie) out of a total IRA budget of \$252,268.

Five dollars of every student fee paid goes to the IRA fund and students have a right to know where their money is going.

Fullerton also said at her press conference that she interprets each student attending an SJSU football game as a vote for continued support for athletics.

If this is the case, then the athletic department should not receive a penny in IRA funds next year, considering the dismal attendance at most SJSU sporting events.

She also said that she believes support of the IRA referendum at last year's Associated Students election wasn't representative of the student body's sentiments.

The referendum, passed by an overwhelming margin, called for an increase in IRA funds to be spent on instructionally related programs other than athletics.

But Fullerton did accept the Automatic Funding Initiative as being representative of the students when she demanded the A.S. include that initiative in their budget.

You can have it one way or the other, but certainly not both. Which is it?

Molding reality to fit personal goals and ambitions is both dangerous and naive. So is hiding behind statistics.

Fullerton has a responsibility to inform the student body and campus community truthfully and not fit statistics to her way of thinking. Her "creative" use of statistics doesn't ring true.

The students and staff of this university deserve more from a university president.

Good nutrition is a necessity



By
Tamera Casias
Staff Writer

For many students living off-campus, breakfast is non-existent, lunch is a Mrs. Fields cookie and dinner consists of boiling a pan of water and adding macaroni noodles.

When a student does allow time for breakfast, it's usually the ever popular cereals like Apple Jacks or Sugar Smacks.

These colorful boxes are not only filled with a delightful toy surprise, but they are also 56 percent sugar.

Add to that the amount of preservatives used to keep the sugar fresh, and a student will find he's not pouring much nutrition into his bowl.

The variety of breakfast foods fills an entire aisle at Safeway or Fry's. Aside from the "sugar cube" cereals, there are many other breakfast options available.

Grape Nuts, Shredded Wheat and Oatmeal contain no sugar at all.

Not only are bran cereals great for those looking to lose a few pounds, they also help to prevent many of the common digestive, kidney and bowel problems some students are faced with.

A nutritious diet can mean the difference between falling asleep in class and being able to accurately remember the answer on a test.

We weren't taught the four food groups in grammar school as a spelling lesson but rather to prepare us to be able to take care of ourselves.

Man - nor woman - cannot live by bread alone, not to mention Twinkies.

How can SJSU students expect so much from their bodies and give so little in return?

After M/M's, Ding-Dong's, "kegger" parties, Big Mac's and gallons of soda, we expect our body,



brain and soul to help us ace (or at least pass) another class.

Isn't it enough that our lungs go on breathing and our hearts keep on beating?

The SJSU Health Center has an available nutritionist who can help students learn and re-learn what to put in their bodies.

There are also classes open to

the laymen, dealing with nutrition.

Our bodies have gotten us this far, don't we owe it to ourselves to insure they'll be around a little longer?

Daily Policy

The Spartan Daily would like to hear from you - our reader. Your ideas, comments, criticisms and suggestions are encouraged. By listening to our readers we feel we can better serve the campus community.

Letters to the Mailbag, opinion articles and press releases are gladly accepted.

Our policy for accepting such material is as follows:

Letters

- Letters should be submitted to the Spartan Daily office (JC 208) weekdays, or by mail to the Mailbag, c/o the Spartan Daily, San Jose State University, 125 S. Seventh St., San Jose, CA 95192.

- All letters must include the writer's signature, major, class standing, address and telephone number. Only the name, major and class standing will be printed.

- The Spartan Daily reserves the right to limit the number of letters on a given topic after a sufficient amount of comment has appeared.

- Letters should not exceed 350 words.

Opinion

- The intent of the Spartan Daily Forum Page is to present a variety of viewpoints of interest to the campus community.

- Editorials reflect the position of the Daily. Opinions express the views of the writer or organization and will appear with a byline attributing the article accordingly.

- Comments, columns and editorials will discuss local, state and international affairs.

- The Daily encourages reader comments regarding editorials, opinions or news stories.

- Guest opinions are encouraged, but will be printed at the discretion of the Forum Page editors.

Releases

- Releases should be submitted as early as possible to the City Editor at the Spartan Daily office, or by mail. The sooner the release is received, the better coverage the topic may receive.

- All releases should include a telephone number in case more information is needed.

Daily Policy

'Reaganomics' rapes the nation



By
Les Mahler
Staff Writer

America's elderly, disabled and poor citizens are being raped through Reaganomics.

Example: Social Security cuts, \$6.7 billion, aid to families with dependent children (AFDC), \$3.9

billion; school lunch programs, \$4.5 billion; student loans, \$2.7 billion; Comprehensive Employment Training Act, (CETA), \$3.8 billion; Food Stamps, \$6.5 billion.

Note that all the cuts have been made to programs that benefit the elderly, disabled and poor.

Sure, Reagan says these are hard times and everyone must tighten up. But what's good for the goose isn't always good for the gander.

While the nation has to tighten up, Reagan and his troop of cavaliers spend, spend, spend.

For his inaugural suit, Reagan spent \$1,250.

To refurbish the family living quarters of the White House, Reagan spent \$736,000.

And try this one on for size. Nancy Reagan has her hairdresser, Julius Bengtsson, fly out from Los Angeles at least once a month just to maintain the highlights in her hair.

The suffering she goes through when she tightens up!

And let's not forget about the China she ordered: \$1,000 per piece. That's got to be some fancy food.

How many people could be fed, clothed, educated and helped if she decided to give the money away instead of buying so luxuriously?

Even Sen. Barry Goldwater, R-Arizona, complained about the cost of the Inaugural ball: \$2,000 for a limousine-\$500 a day, four-day rental required; \$7 for car parking and \$2.50 for checking his coat.

But not to worry, at Reagan told a group in Denver; he is taking good care of the nation.

It's just the people he's screwing over so royally.

Thursday night he found it in his heart to put off cutting social security again. No, what he'd like to do is delay a cost-of-living increase for three months.

Reagan's reasoning—think what sort of effects it would have on the future.

Well, think what sort of effect it has on people who depend on Social Security?

It's bad enough that the amount they get is so small, (average \$300 to \$500 a month), but now Reagan would like to delay giving them a cost-of-living increase.

Sure, he can delay the increase Social Security recipients receive, but can he also delay the cost-of-living increase that's bound to hit them every time they go shopping?

Oh, the Reaganites are going to scream on that one. "Reagan is just

trying to get this country back into economic shape," they'll scream.

Or, "We have to control inflation before our beloved nation falls flat on its face."

How near-sighted can anyone be?

Look at the world. This nation is not the only one that suffers from inflation. It's a world-wide catastrophe.

Does anyone think because the U.S. dollar says "In God We Trust," this nation is immune and that the U.S. has the blessing of His Holiness?

Even Adolf Hitler imprinted "With God," on belt buckles of uniforms worn by his Nazi storm troopers.

Granted, we are suffering. Times are hard for everyone, but in these times of hurt, why can't everyone be a little bit more compassionate towards his fellow human?

Perhaps it's too much to ask.

Last thought. Why is it that while Nancy and Ronnie ride off into the sunset on white stallions, the rest of us must follow on foot, picking up the droppings?

the mailbag

Casias' article was misleading

Editor:

To get straight to the point, Tamera's Casias' article "SJSU Greeks Divided Along Racial Lines" was a disappointing, biased and misleading article. It hurt me to see that a person who is probably embarking on a career in journalism did not have her facts straight.

I was offended by the article for several reasons. First of all, I am a member of the Alpha Kappa Alpha Sorority on this campus; secondly, we are a predominately black sorority. I say this because there are females of other ethnic origins in our organization.

The third point I would like to make is that not one black sorority member was quoted in the article. Consequently both sides of the issue were not presented.

The most obvious reason of all was that your assessment of why black fraternities are formed came from a white fraternity member.

Creating black unity is not the only thing black fraternities and sororities do. This was a very biased statement. We are involved in many activities on campus, as well as in the community.

Some activities include blood drives, canned food drives, working with the under privileged kids and visiting rest homes.

Tamera, the next time you take it upon yourself to write an article of this nature, make sure you present a more balanced picture.

Nina R. Smith
Business Management
Senior

Should Liedtke leave country?

Editor:

I was disappointed to find Mike Liedtke's Sept. 18 column, "Stop the Merry-go-Round," in the Spartan Daily, a student newspaper of reputable quality. It detracted from the professionalism the Daily normally exhibits.

Mr. Liedtke was using his column to attack the presidency in a vicious manner. This was hardly what I'd call an educated opinion. It was simply a jumble of complaints from a man who hates Reagan politics.

Mr. Liedtke wasn't enlightening anyone. There was an evident lack of responsibility in what he said,

and, to some degree, a dearth of thought to what he was writing.

He failed to realize that Mr. Reagan is doing his best to fulfill a mandate given to him by the American people. Mr. Liedtke, if you really want to change the country, you should stop complaining and start acting. You don't offer any solutions.

I really think the best thing for Mr. Liedtke to do, according to what he wrote, would be to leave the country. It's obvious he has nothing positive to contribute. I'm sure he'd discover that the United States, with all its shortcomings, is still the best place to live.

Chris J. Borden
Journalism
Senior

The Forum page is your page. The Daily encourages readers' comments on any topic. The viewpoints expressed in opinion articles are those of the author. Editorials appearing on this page are the opinion of the Spartan Daily.



"LOWER YOUR EXPECTATIONS... LESS IS MORE... THIS IS AN ERA OF LIMITS... HOLD IT RIGHT THERE! THERE'S A MEDFLY ON YOUR HEAD!"

Evangelism continues at Spartan Stadium



With the sun in his eyes, evangelist Billy Graham brings his message to Spartan Stadium.

Photo by Steve Pandori

continued from page 1

The message was simple and direct: Accept Jesus or perish. Good works or money would not earn someone a place in heaven.

If the message was single-fold, the crowd was diverse.

Teenagers came with T-shirts printed with fish and Christian slogans, parents brought their babies and toddlers while elderly believers clutched canes as they walked.

Deborah Johnson took a week off work to attend the sermons.

"I was a kid," was her recollection of hearing Graham speak at the Cow Palace.

Johnson sat on the grass of the football field with her six-month-old niece. She was there to "hear the word of God," she said.

Behind Graham sat a choir composed of 3,000 local singers. Ready were hundreds of donation collectors, counselors and ushers, all carefully trained to play their part in the event.

The crowd estimate was placed at 25,000.

The message was delivered through simple stories, Scripture verses, analogies and personal testimony.

"I was with my small son in North Carolina," Graham began one story. As they were walking they stepped on an ant hill. He showed his son the destroyed home of the insects, the dead and wounded ants, and asked him, "Wouldn't you like to help them?"

"Yes, but we're too big," Graham said his son answered.

"Well," the preacher said as he looked over the faces in the stadium, "it's the same with God. He's too big, so he became man."

Then, he said, Christ died for the sins of humankind and arose three days later.

All a person has to do, he added, was accept Christ as Lord. Then one would be saved from eternal damnation.

"I do not offer you today a dead Christ on a cross," Graham shouted at the crowd. He stepped from behind the podium and strode to the edge of the platform.

"I offer you a living Christ, right now," he continued, pointing a finger at the audience.



Photo by Steve Pandori

"Oh, yes, I'll bet almost everyone in this audience goes to church," but, many are alienated from God, he said. "There's something wrong in the hearts of men. We've all broken the Ten commandments.

"The hardest people to reach are the religious," he said and compared religion to a cholera vaccine. "You get a little bit of religion and it makes it so you can't get the real thing."

Graham spoke for more than an hour in the raised and lowered speaking style of an evangelist. As he finished the sermon, clouds covered the sky.

Then, in a much quieter, soothing voice than he used earlier, he called on the audience to come forward and accept Christ.

As "seekers" approached, they were met by trained counselors who read from the Bible and prayed with them. Some hugged each other and cried. Some prayed on their knees.

While the choir sang softly, Graham urged the hesitant to come forward.

"There are hundreds of people out in the audience who God has spoken to who haven't come," he said. "We are going to wait for you."

"You get up and come," he urged in a hushed voice.

"The night I came they sang two songs," he recalled. "It was on the last verse of the last song that I came. And I was always glad they waited for me. We're going to wait for you."

Counselors and ushers circulated among those who did not come forward and encouraged them to join.



Photo by Steve Pandori

Evangelist Billy Graham, above, speaks to an estimated crowd of 25,000 at Spartan Stadium. Left, the crowd prays after reacting to Graham's calling to come forward.

The hardest to reach are the religious; A little bit of religion makes it so you can't get the real thing--Graham

There were hundreds who did answer Graham's call. Many were already believers, carrying their worn Bibles with them.

"I just felt really inspired," said Bruce Curtis, a minister at Holy Spirit Fellowship Church in Saratoga, after the sermon.

"He's a great example. He lives what he preaches," Curtis said.

Curtis came with his wife Kimberly and 2-year-old daughter Adrinah who was perched on his shoulders.

He will be leading some of the "nurture groups," or Bible study groups formed of the new Christians. Counselors fill out cards on them so they can be channeled into groups and possibly a church.

Susan Bagly will return for all but one of the sermons Graham is to

deliver, she said. She has to teach in her church at the time of one of the speeches. Bagly has been working on the crusade for a year as the congregation leader for Calgary Chapel of Santa Clara Valley.

She spent months organizing follow-up teams and prayer groups, helping with finances and working with the ushers, counselors and choir members from

her church. "Beautiful!" was the first thing Steve Smith, a veteran of Graham's crusades, said about Sunday's sermon.

"I first came forward at a crusade when I was 17," he said. "I was going into my senior year in high school."

That was in In-

dianapolis in 1959. Since then he sang in two crusade choirs and plans to sing at this one later in the week.

Smith brought his 9-year-old daughter Erica, her friend Nikki, 11, and 10-

year-old twins from Viet Nam, Susan and Debbie.

The twins' family escaped from Saigon five years ago, he said.

"They went forward today," he said.

All the girls were shy and could only squirm with embarrassment and giggle when asked what the crusade and counseling session meant to them.

"One 6-year-old boy came forward and said 'I want Jesus in my heart,'" said Audrey Avanzino, one of the counselors from Peninsula Bible Church who worked with children answering Graham's call.

Children get a booklet with a few Bible verses and a cartoon story about Christ.

"I'll read it with them," Avanzino said. "I try to help them understand sin."

Cards with the children's names and addresses are sent to their church, if they have one, telling the minister the child has accepted Christ. Otherwise the card is sent to the parents, she said.

Avanzino is a Jew whose grandfather read the Bible and became a Christian. Her father was a Hebrew-Christian missionary. She accepted Christ in church when she was 13.

"I've been serving him ever since," she said.

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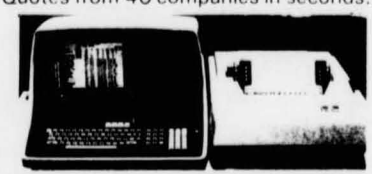
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Come join us on Tues. Sept. 29th at 7:30 p.m. in AB107 or call 262-5215.

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OOPS!

An advertisement in Monday's paper listed **ORDINARY PEOPLE** as scheduled to show this Wednesday night, September 30.

ORDINARY PEOPLE WILL BE SHOWN AS SCHEDULED NEXT WEDNESDAY, OCTOBER 7, AT 1:30, 7 & 10 PM.

We are sorry for any confusion this may have created.

Ordinary People

The Wednesday Evening

Tomorrow
 Wednesday, Sept. 30

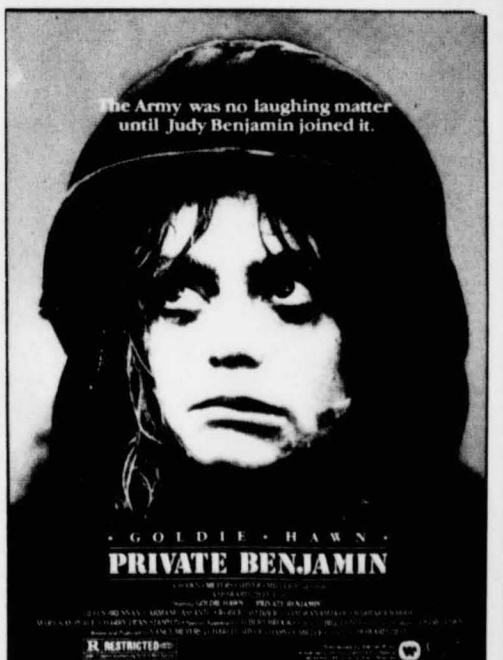
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The Army was no laughing matter until Judy Benjamin joined it.



PRIVATE BENJAMIN

GOLDIE HAWN

FUNDED BY ASSOCIATED STUDENTS

SJSU's 'hidden' lab



Photo by Dave Hitt

Bob Waltman, a chemistry major, measures energy levels of molecules, shot with ultraviolet light, using some of the sophisticated radiation lab equipment in SJSU's nuclear science facility.



Photo by Dave Hitt

Margie Winter waits for gas to cool before proceeding on with an experiment in the SJSU tri-level radiation lab in Duncan Hall.

SJSU lab radiates 'safe' environment

By Barbara Wyman
Special Pages Editor

Behind the oak door marked "Nuclear Science" Bob Waltman works with ultra-violet light while Lori Littleford traces levels of radioactivity in reclaimed sewage water.

The two are using SJSU's tri-level radiation lab. The lab, unknown to many students, is located on the ground and basement floors of Duncan Hall. It is "to the best of our knowledge...unique in the world," according to Dr. Alan Ling, SJSU professor of nuclear chemistry.

The lab is "the only place where undergraduates can get hands-on experience with some of the more sophisticated nuclear counting and monitoring equipment," said Roger Klopping, radiation safety officer.

Where other universities have labs with one or two pieces of similar equipment, Ling explained, SJSU's lab will have "maybe 20." This enables professors to teach classes in the lab while students can follow using the equipment, he said.

Another unique feature offered through the lab is a bachelor of science degree in radiochemistry, Ling said.

"There are almost 2,000 universities that offer a B.S. degree in chemistry," he noted. "But, as far as we know, we're the only one that offers a B.S. in radiochemistry."

Ling has been teaching in the lab for the past six years. The 10,000 square-foot radiation facility was built in 1973 along with the second wing of Duncan Hall.

Equipment, installed over a three to four-year period, cost about \$1 million, Klopping said. The facility includes nine lab areas, various nuclear counting instruments, computers and high efficiency air filters and houses radioactive materials used in experiments.

A \$13,000 budget last year "barely covered" operating costs, Klopping said. Each air filter costs about \$125 and "we go through 20 to 24 each year," he explained.

"That's not to mention costs of materials, equipment repairs" and a 200 to 300-percent increase in waste disposal costs, he noted. (See related story on this page.)

Materials used in the lab are "very low-level," Klopping said. All radioactive materials in the lab have short half-lives (the time it takes for

half the radioactivity to decay) Klopping said.

"We consider short half-lives anything we can store and dispose of by routine methods," he explained.

As an example, he named phosphorous 32 which has a half-life of two weeks. Other materials used in the SJSU lab include Carbon 14, Tritium, and Thallium 204.

Students, Klopping said, are not permitted to use the materials until they have completed a required radiation safety class.

"Roger is very conservative about safety in the lab," said Littleford, a graduate student who works in the lab.

"When I work at another lab I go through all of my safety precautions and everyone looks at me like I'm crazy," she laughed.

All doors to the lab remain locked and few keys to it are issued. As an added safety precaution, every student who enters the lab must sign in or wear a special "film badge" which registers the amount of radiation the wearer is exposed to, Klopping said.

The badges are checked every two weeks.

So far in the lab, the badges have detected "no exposures that would require any investigation," Klopping noted. The highest exposure shown by a badge has been 10 to 20 millirem per month, he said.

"The human body is exposed to 100 millirem per year just from natural cosmic radiation," he explained.

An established maximum amount of exposure for those working with radioactive materials is 5,000 millirem per year. For the general public it is 500 millirem yearly.

Considering that it would take 400,000 millirem entering the human body in a 24 hour period to produce a 50/50 chance of survival, this exposure is minimal, Klopping said.

As for internal exposures from inhaling radioactive fumes, the highest "integral dose detected" was one one-hundredth of a millirem and was "no health hazard," according to Klopping.

In case of spills in the lab, officials at the Student Health Center have been instructed in basic procedures, according to center director Dr. Raymond Miller.

"Probably the most universal agent to clean a spill is plain soap and water," Klopping said.

At the end of each lab period students are required to check themselves for radiation by

either passing their hands and feet through a radiation detector, which sits next to the entrance, or using a hand-held monitor to determine the amount of exposure.

While performing any kind of lab work, students are required to wear lab coats and gloves. If using ultraviolet light they must wear protective goggles, Klopping explained.

Though the lab areas can handle "a fairly large amount of activity," Klopping noted, "We usually limit it to 12 students per lab and have only two labs going at the same time."

Supervision requirements, he explained, designate that a professor must guide each student's research and gauge specifications according to the type and amount of material being used and the experience of the user.

Some 1,000 to 1,500 students use the lab yearly and Klopping may see 100 to 150 in a single day.

The lab is used by the Biology, Chemistry and Physics departments at SJSU. Some 15 research students also use the facility. The lab, according to Ling, has mainly "a biological function."

Radioactive materials are used as tracers in biological experiments, he explained.

For example, a substance like carbon dioxide is hard to measure in small quantities, Klopping said. With a radioactive tracer, however, a student may count the units of carbon dioxide taken in by plants.

Lab areas are enclosed by thick cement walls which measure up to three feet in high level radiation areas (such as the basement where waste is stored.)

The high-efficiency air filters produce six air changes hourly to insure all radioactive particulates are exhausted from the air.

The air filtering system is checked by Klopping and other campus officials once a week and the State Bureau of Radiological Health makes periodic inspections of the entire lab.

Frequency of the bureau's investigations are based on a set priority system. Depending on the amount and levels of radioactive materials and usage of the lab, a facility may fall under priority levels ranging from one to 10.

Chet Mott, a senior health physicist for the bureau, suspects SJSU's lab falls into priority level two or three, which would call for inspections every two to three years. Drop-in checks are also made by

the bureau.

The inspections involved checking air filtering systems, waste storage and packaging, time students spend in the lab, and wipe tests of counters and benches.

"The basic issue is, of course, exposure of people working in the lab," Mott said.

Materials are imported into the lab by means of a monorail track which runs along the basement ceiling. Materials arrive enveloped in lead casing which blocks atmospheric radiation. They are then dropped into a well where they wait to be diluted for use in the lab.

Four supplied air packs stand ready in case an emergency entry must be made after a spill or fire. The 30-minute air supplies have only been used once, according to Klopping.

"That was a few years ago when we had a problem with cabinets falling off the wall," he said. "One fell in a Biology classroom and some containers of formaldehyde broke," he explained.

"They're just a safety precaution," Klopping said. One thing this facility is designed to do is emphasize and re-emphasize safety precautions," he said.

SJSU radioactive waste a 'tremendous problem'

A 200 to 300 percent increase in the cost of radioactive waste disposal from SJSU's radiation lab has created a "tremendous problem," according to Roger Klopping, SJSU radiation safety officer.

The lab, located on the ground floor of Duncan Hall, stores only "low-level" radioactive materials, Klopping said. That is, he explained, "anything we can store or dispose of by routine methods."

Klopping noted a more than five-fold increase in the costs of waste disposal over the past five years.

"For example, if we had one barrel of solid waste that cost us \$23 to dispose of in 1976, it will now cost us \$140 to dispose of the same barrel," he said.

Klopping cited increasing transportation and licensing costs, stricter packaging standards and inflation as reasons for the increase.

The fact that SJSU now has no choice but to ship its waste to a Washington State disposal site also plays a major role in the cost hike, Klopping said.

An alternate disposal

site in Nevada has, in the past few years, "economically excluded" any out-of-state traffic, he said.

Another factor contributing to the price increase is stricter packaging regulations, Klopping noted.

Wastes which were previously packaged in paraffin-impregnated fiberboard boxes, which cost \$2.70 each, now must be packaged in 55-gallon metal drums at a cost of \$23.50 each he explained.

Though "we can fit almost twice as much waste in the drums," Klopping said, "that's still an enormous cost."

Packaging now consists of layering viles of liquid wastes in the drums with "superfine," a sandy absorbent material. If the viles break in transport, the superfine should absorb all of the spilled liquid. The drums are then gasketed and sealed.

Wastes are shipped from the SJSU lab just once a year for "economical reasons," Klopping said.

From 1979 through 1980 the Washington disposal site was closed "on and off" so SJSU's waste was held for two years, he added.

By Greg Garry
Staff Writer

The radiation labs on the campuses of SJSU, Stanford and the University of California at Berkeley all face similar strict precautions for safety and procedure, according to officials on all three campuses.

People coming into the radiation labs for any length of time are issued film badges, said Roger

Klopping, SJSU radiation safety officer.

"We also check air samples in the lab from time to time and, depending on the nature of the experiments, we will also do slide tests," he said.

Klopping said students working in the lab will use, among other things, Carbon 14 and phosphorous isotopes.

"I divide the system into two classes of material, wet chemistry and sealed sources," he said. "The wet chemistry material can be diluted,

but the sealed sources, material which is encapsulated inside a container, cannot," he explained.

An official of the radiation lab on the Berkeley campus of the University of California said he wasn't aware SJSU even had a radiation lab.

According to the of-

As far as we can find out the lab is being run very well."

Sheila Smith, of the Health Physics Department at Stanford, said waste disposal costs can become very high over a period of time.

"For every shipment of drums, 32 55-gallon drums per month, we spend \$4,000 just for shipping and burial," she said. "This doesn't include the purchase of the drums and the packing material."

The drums themselves cost \$1,000 for 50 and enough packing material for the 50 drums costs \$3 million to \$6 million. "We also supply powdered material which is used to solidify liquid waste. Six bags of cement cost \$50," Smith said.

The lab disposes of dry waste in test tubes at a cost of \$16.35 per two cubic foot

Drums cost \$1,000 for 50

fical, the Berkeley lab spends about \$10,000 per year on waste disposal.

"We have about 30 drums a year left over from medical research," he said. "We don't have any high-level radiation projects here."

The radiation lab on the Stanford University campus, is not a source of concern to students, according to Sam Howe of the Stanford Daily.

"We looked into the lab once but it's not a major issue here," he said. "We've never had any vigorous complaints about it from the students here."

box, she added.

"We also have to dispose of animal carcasses from experiments and that costs \$2.70 per pound," she said.

She said the site chosen for disposal is up to the vendor doing the disposing.

"We've been using the Washington disposal site because Nevada has such strict rules regarding any out-of-state waste," Smith said. "An inspector makes sure the drums are in good shape and then the state of Washington tacks on a surveillance charge of 30 cents per cubic foot."

Nuclear radiation lab hidden in Duncan Hall?

By Kris Eldred
Staff Writer

Although it is in plain view, it is hardly ever noticed. A large poster of Albert Einstein on the wall draws the eye away from the door marked "Nuclear Science" in gold letters.

Located on the ground floor of Duncan Hall, near the elevators, SJSU's radiation lab is practically hidden from sight. "I never noticed it (the

door) before," said Carol Callaway, SJSU occupational therapy junior. "I did read about (SJSU) President (Gail) Fullerton not wanting to cut back on the nuclear waste budget, but I didn't know where it (the lab) was."

Dirk Rinker, an SJSU advertising senior, said he didn't have "any idea it (the lab) was on the premises."

Yet the lab is used by 1,000 to 1,500 students a year, according to Roger Klopping, SJSU radiation safety officer.

"This place is slow now, but in November we will get several classes down here doing experiments," Klopping said. "It's rushed at the end of the semester because none of the classes teach nuclear science until then."

The lab is not open to students "just wanting to get a look at the lab," according to Klopping. The lab is restricted to three floors in Duncan Hall, including the basement. All doors to the lab remain locked.

"The material used is not enough to cause a disaster, but why have people who are not knowledgeable coming

in?" Klopping reasoned. "Besides, we need to have a controlled area with restricted access for our university license."

Klopping added that, as in other departments, people could "change or foul the control systems on the equipment. "Of course, there is also the possibility of something getting stolen too," he said.

feature

Half the governor's cabinet are women

Press aide melds politics, public relations

Editor's note - This is the second in a series of four articles on women and their careers. This and the following stories focus on SJSU graduates who have achieved some of their goals.

By Julie Levy
Staff Writer

Cari Beauchamp, a 1971 SJSU graduate, saw a picture five years ago of Gov. Edmund G. Brown Jr.'s press secretary, who was a woman.

At a time when women were still breaking into careers, "I remember thinking how great it was the governor had a woman press secretary," Beauchamp recalled.

She now holds the \$45,000 post she remembers from the picture. Nor is she a lone female in the governor's office; half the governor's Cabinet members are women, which is "close to a revolution in terms of government," she said.

Beauchamp, who has a B.A. in political science, worked on several campaigns before she joined the governor's staff. She worked for 1968 presidential candidate Eugene McCarthy, and helped run campaigns in San Jose for Mayor Janet Gray Hayes, Assemblywoman Leona Egeland and then-City Councilwoman Susanne Wilson.

Before moving to California in August 1980 to take the job in the governor's office, Beauchamp ran a public relations firm in Washington D.C.

"I think there is a natural affinity between PR and politics," she said. "I'm one of those people who think of absolutely everything as political."

A typical day in her office is long and busy. She answers perhaps 50 phone calls a day and organizes



Cari Beauchamp, an SJSU graduate, with Governor Brown.

Photo by Stephen Blakeman

press conferences for the governor. She also writes press releases - more than 350 so far this year - on virtually every action Brown takes, whether he signs or vetoes a bill, makes a statement, gives a speech or goes to a meeting.

A good day on her job, according to Beauchamp, is when the papers say Brown said something; a bad day is when they say Cari Beauchamp said it. It is her job to publicize Brown's actions and words.

Part of her job is knowing newspaper deadlines. The Eastern papers have earlier deadlines than those in the West, so she has to be ready with information when they need it. The governor can always be reached if an emergency develops and he has to make a statement, Beauchamp said.

Although her job may sometimes put her at odds with members of the media, she said "Some of my best friends continue to

be reporters." Beauchamp is almost always with the governor while he travels throughout the state to deliver speeches and appear at various events, so she cannot count on a five-day, 40-hour work week.

During state crises or important news events, her job becomes even more demanding. She cited the days of Interior Secretary James Watt's off-shore oil exploration campaign as an example of the hectic pace of the job.

It began one night in March when she heard Watt was about to announce expanded leases for oil exploration off the California Coast the next day.

She woke up the next morning at six and dressed quickly, intending only to check the newspaper wire service machines in her office for news and return home to finish getting ready for work.

When she got to her office, she said, "The phones were ringing off the hooks" with demands for an immediate response from Brown to Watt's announcement.

She stayed in the office until eight that night.

While the job may be grueling at times, it has its payoffs too. She described the space shuttle's landing in April at Edward's Air Force Base as "thrilling."

"The bottom line and reason I like the job," Beauchamp said, is because she finds herself on the same side as Brown on so many issues.

"I didn't know how much I was going to agree with him," she said.

She found they not only agreed on women's issues, but also about nuclear power, off-shore drilling and foreign policy.

"He's one of the brightest people I know," she said.

Beauchamp, who is single, said her job would be extremely stressful for a married person; "I can count on a hand the number of times I've been able to be home for dinner," she said.

"My women friends remain a real ballast for me, a real mainstay," she added. "I think in some ways this job is harder on my friends than me."

Her education at SJSU and her participation in San Jose politics helped prepare her for the job, she said.

said. For a woman, "It was something to fall back on if it was absolutely necessary."

Some of her friends

for it. Brown chose her instead.

Beauchamp has not run into many problems being a woman in a job

Beating the Odds

WOMEN IN THE WORKPLACE



Political science professors Terry Christensen and Faunel Rinn were especially encouraging, she said; "Terry Christensen is still a very good friend."

"I've never been one to career-plan," Beauchamp said.

"I was raised not to think about careers," she

find it hard to believe how she seems to fall into jobs without much effort.

She first heard about the opening at a party from a friend, she said. Then she talked to another friend who helped her get an interview with the governor.

Someone else had been tentatively selected for the position when she applied

usually held by a man.

"If I don't view it as a problem," she said, "I think that's half the battle."

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sports

Host team plays doormat

Spartans stumble in tourney

By Michael Liedtke
Staff Writer
SJSU's volleyball team alternately fizzled and fizzled in the fifth annual Spartan Shops Tournament last weekend.

After turning in their peak performance of the

season in the opening day of the tournament, the Lady Spartans' play degenerated, resulting in a seventh-place finish in the eight-team tourney.

On Friday, SJSU dropped its opening match to the eventual tournament champion, Cal Poly-San Luis Obispo, and then rebounded to dump the University of Oregon, 15-12, 15-7.

That set up a confrontation with conference foe Stanford to determine which team would advance to the championship round of the tournament.

Stanford, ranked No. 9 in the nation and the eventual runner-up in the tourney, waltzed to victory over the Lady Spartans earlier in the season, but found themselves engaged in a slam-bang match Friday.

In an epic battle dripping with tension and tenacity, Stanford squeaked past SJSU 17-15, 17-15.

It was a match earmarked with remarkable rallies featuring resounding spikes and saves.

"That was some of the best volleyball the team has played all year," assistant coach Dave DeGroot said. "It showed them they can play very well when they get aggressive."

Before the Stanford match, head coach Dick Montgomery, dissatisfied with his team's play against San Luis Obispo and Oregon, gave the Lady Spartans a pep talk which obviously may have instigated their inspired performance.

"He told us to play more aggressively," middle hitter Jodi Breeding said. "And he told us very sternly."

"He told them what he used to do to get ready for a match," DeGroot said. "He really emphasized how important it is to be aggressive in a match."

SJSU's intense game against Stanford seemed to have a demoralizing effect on the team on Saturday, the final day of the tournament.

"That loss took a little something out of them," DeGroot admitted.

"It's hard to give so much in a match like that and then have to come back and play the next day," Breeding noted. "It was physically draining as well as emotionally draining."

A 15-4, 15-10 victory over Oregon was sandwiched by losses to New Mexico (9-15, 10-15) and Pepperdine (15-6, 15-7), dropping the Lady Spartans' season record to 6-7.

"I really don't think we're a very good tournament team," DeGroot said. "They (the Lady Spartans) have not learned that killer instinct yet and that's what they're working on."

"Dick is really pushing for that," Breeding said. "He is making us mean."

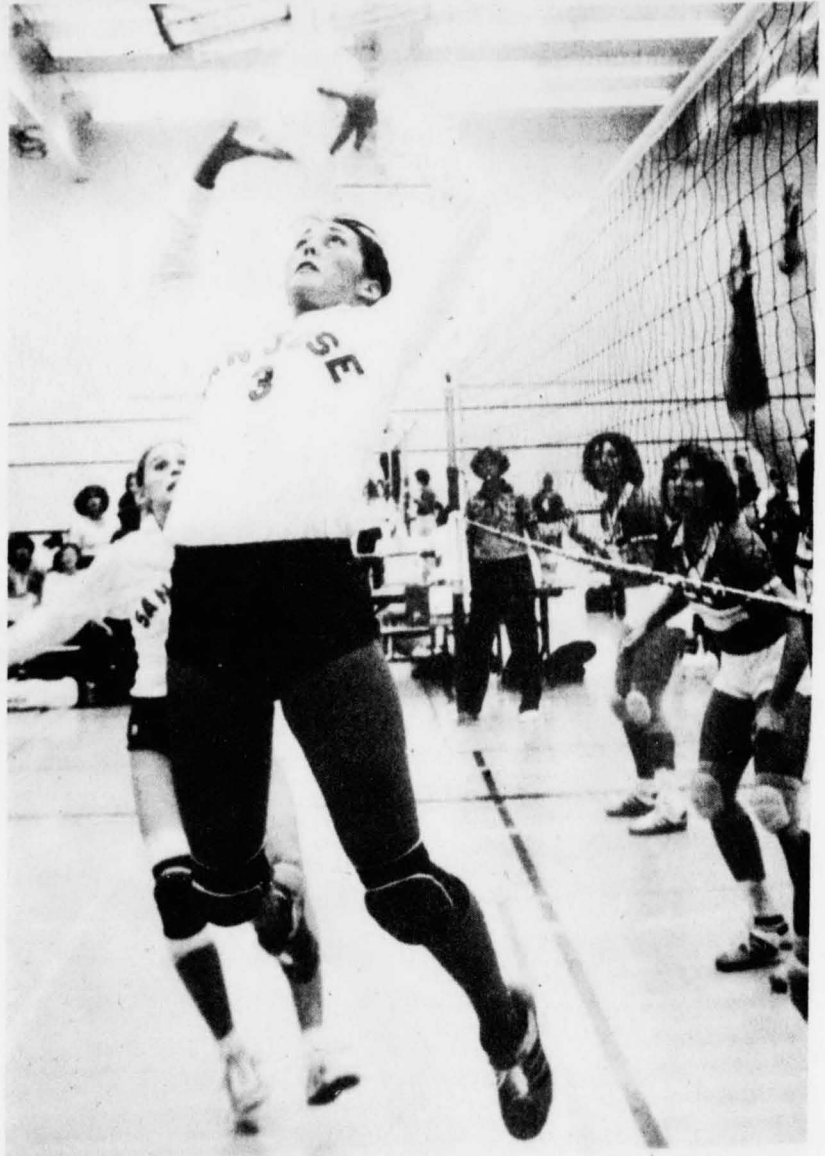
SJSU will have some time to lick its tournament wounds before opening competition in the Northern California Athletic Conference Oct. 6 against the University of San Francisco.

"We're really looking to finish in third place (behind Pacific, ranked No. 5 in the nation and Stanford)," DeGroot said. "We're hoping we might be able to slip in front of one of those two teams."

"But, at the same time, we can't look past Cal and some of the other teams. San Francisco is supposed to be one of the easier teams in the conference, but they could beat us if we don't play well."

"Judging from the tournament, Stanford is the team to beat," Breeding said. "But I haven't got a chance to see Pacific play yet."

I'm shooting for second (place), but I don't want to limit us. But we gotta come together like we did against Stanford."



Joyce Sprout lofts a set in one of SJSU's matches in the fifth annual Spartan Shops volleyball tournament last weekend. The Lady

Spartans finished seventh in the tourney, compiling a 2-4 record.

Photo by Stephen Blakeman

Spartans on TV (again)

ABC-TV must have liked what it saw in the Spartans' 27-24 victory over California Saturday because the network has decided to regionally televise SJSU's football game again this week.

In a rare move, ABC tabbed the Spartans as part of its football doubleheader for the second consecutive week.

ABC's decision to telecast the Spartans' game against Fresno State Saturday necessitated a change in the scheduled starting time. The PCAA clash, originally slated for a 7:30 p.m. start, will now kick-off at 3:15 p.m. at Bulldog Stadium in Fresno.

Walker wields stick in Washington

Sue Walker scored five of SJSU's eight goals to lead the Lady Spartans' field hockey team to a 1-1-2 record in last weekend's Washington State tournament.

No places were awarded in the tournament.

Walker scored three times in SJSU's lone win, a 6-0 shellacking of Northwest Nazarene.

She scored the lone goal in the Lady Spartans' 2-1 loss to Simon Fraser of Canada and a tie with the University of British Columbia.

The team played a scoreless tie with the host Cougars.

The team will play a home match on Friday on South Campus field against Long Beach State.

In the most recent NCAA poll, SJSU was rated fourth with 33 votes and 13th in the coaches poll with 70 votes, according to women's sports information director Don Meucci.

Willhite, Keeve selected

For the second week in a row, SJSU has swept the PCAA's Football Player of the Week awards.

Last week, following the Spartans' 28-6 win over Stanford, wide receiver Tim Kearse was selected the offensive player of the week, while safety Ken Thomas was honored as the defensive player of the week.

This week, tailback Gerald Willhite and linebacker Damon Keeve has been selected for their efforts in the Spartans' 27-24 win over California.

Willhite tied an all-time SJSU single-game record by cathing three touchdown passes in the second half from Steve Clarkson. For the game, Willhite caught 10 passes totaling 132 yards.

What made Willhite's accomplishments even more amazing was the fact that he was performing with a painful hip pointer injury.

Keeve was picked after recording six unassisted tackles and two assisted tackles. He also had one tackle behind the line of scrimmage.

Killi sets another record

Simon Killi set his second course record in as many weeks in the Fresno State Invitational Saturday, leading SJSU to fourth place in the cross-country team's first big test of the year.

Killi had a time of 30:16 over the 10,000 meter course.

The next highest Spartan finisher was Bret Baffert, who finished 17th with a time of 32:01.

Other finishers included Sal Berumen (25th - 32:43), Stan Ross (28th - 32:48),

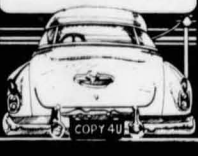
Tom Hussey (29th - 32:50) and Tim Nash (32nd - 33:07).

In last week's three-way meet with Sacramento State and Hayward State, Killi had a 24:28 over the 5-mile Hellyer Park course, leading the Spartans to a 22-36-85 win.

The next meet for the team will be Oct. 10 when they participate in the Stanford Invitational.

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Russo out for season

John Russo, one of only two experienced guards expected to return to SJSU's basketball team this year, will not be able to compete after all due to a debilitated right knee. Russo underwent surgery on the knee last year after injuring it in the Spartans' 80-81 season opener.

The Spartans, now only have one guard with experience at the major college level, sophomore Michael Moore.

Miami (0) joins top in MAC race

Near-upsets were the story last weekend in the Mid-American Conference as Ohio edged Ball State 30-27 and Miami (Ohio) beat Eastern Michigan 18-12.

Miami joins Toledo, Bowling Green and Central Michigan in a tie for the top spot early in league play with a 1-0 mark.

The winner of the MAC will face the PCAA champion in the California Bowl on Dec. 19 in Fresno.

All eight teams in the MAC will be in league action on Saturday, with Ball State going to Northern Illinois, Bowling Green traveling to Toledo,

Eastern Michigan visiting Central Michigan, Kent State taking on Miami and Toledo hosting Ohio.

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"I'm being assigned to a Chinook helicopter unit in Germany as a test pilot and maintenance officer, and I'm proud that I'll be the first woman to have that assignment over there. It's a real thrill for me."

"So was learning how to fly a helicopter. It takes a lot more skill than an airplane. If you think college is demanding, flight school is even tougher. It's not only academically demanding, it's really mentally demanding as well as physically."

"In Germany, I'll have a chance to use some of the leadership and management techniques I learned in ROTC. It's going to be a real challenge having command responsibilities."

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2nd Lt. Anda Strauss was a political science major at Wake Forest and a member of Army ROTC.

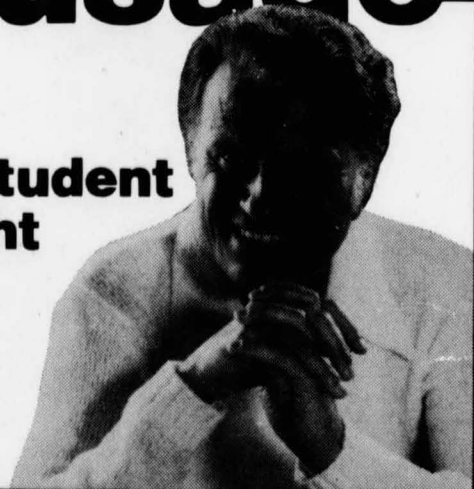
"I got into ROTC really just to see what it was all about. For me, it all couldn't have worked out better."

Army ROTC got Anda Strauss off to a good start. Maybe it can do the same for you. To find out, stop by your Army ROTC office on campus. And begin your future as an officer.

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Guevara, Korner appointed to fairness committee seats

**By Cindy Bundock
Staff Writer**
SJSU students Magdaline Guevara and Dave Korner have been appointed members of the university's Academic Fairness Committee.

might be recommended at Wednesday's A.S. meeting in the S.U. Council Chambers, she added. Guevara and Korner said they applied for the

"I'd like to be in a position to help the students who do have problems and to make sure things are getting done," Guevara said.

Korner is a graduate student working on his master's degree in Mass Communications. He graduated in May with a degree in Photojournalism.

He was a resident adviser in 1979 at Royce Hall, a campus dormitory, was involved with intramurals, and is now working as an SJSU Community Service Officer.

"I haven't done anything for the school, so I thought I'd get involved," he said.

Being on the Academic Fairness Committee, Korner said he could help the students with the knowledge he has gained as a student since 1977.

"I'm not looking to get any political gain," he said.

After he earns his master's, Korner plans to write and photograph for children's books.

Committee's cases involve academic, curricular grievances

The Academic Fairness Committee reviews grievances and cases involving curriculum or academic matters, according to Connie Magana, A.S. Director of Personnel.

The A.S. Personnel Selection Committee process includes recommending committee choices to A.S. President Tony Robinson. If Robinson approves of the selection, the Academic Senate gives final approval just as a formality.

Magana said there had been seven applications for the four student positions available on the Academic Fairness Committee.

committee positions to become more involved with campus activities.

Now that she is "settled in and used to school" Guevara, a political science junior, wants to participate in campus politics.

Guevara attended San Jose City College and is in her second semester at SJSU.

She is concerned that students confide in only their friends and family about problems with professors.

"They don't know who can help or where they can go," she said.

Guevara also said she wants students to become aware there is the Academic Fairness Committee to help them.

spartaguide

The Organization of Arab Students will hold a meeting at 11 a.m. today in the S.U. Guadalupe Room. For more information, call Ahmed Al-Helew at 298-5531.

Wednesday Cinema will present the film "Private Benjamin" in the S.U. Ballroom. Cost is \$1 for the 1:30 p.m. show, and \$1.50 for the 7 and 10 p.m. shows.

ASIAN will hold a general meeting and workshop at 3 p.m. Wednesday in Business Classrooms room 311. For more information, call Gary at 277-2894, or 295-8106.

Women's Support Group for women in transition, in need of sharing experiences with other women, meets at 12:30 p.m. every Wednesday in the Women's Center, Building U, Fifth Street. For further information, call Nanci Brewer at 262-8018.

The season premiere of the "Tuesday Talkies" will present "The Tin Drum" at 1:30 p.m. today in the S.U. Ballroom. Cost is \$1 for the matinee and \$1.75 for the show at 8 p.m.

Campus Ambassadors Bible Study on Ephesians will hold a meeting at 1:30 p.m. today in the S.U. Almaden Room. For more information, call Chuck Austin at 356-5126.

A translation by Robert Bly of the poems of Rainer Maria Rilke will be discussed by Professor Nils Peterson at 12:30 p.m. Wednesday at the University Club (South Eighth and East San Salvador streets).

Speakers will present information on careers and positions available at Bechtel Corp. at 12:30 today in the Engineering Building, room 230.

The Lady Spartan basketball team is looking for a team manager. Work hours are 1:30 to 4 p.m. daily. For an interview, call Rene Lauerman at 277-3750.

"The Synthesis of Phosphonomethanesulphonic Acid" is a seminar to be given by Lori Takahashi at 1:30 p.m. today in Duncan Hall, room 505. Anyone interested may attend.

The University Committee in Solidarity with El Salvador will meet at 5 p.m. today in the S.U. Guadalupe Room.

Hints on how to effectively present your skills and qualifications in letters and resumes will be available at 1:30 p.m. Wednesday in Markham Hall Lounge.

Legal rights of library employees explained at series of workshops

SJSU library employees are learning about their legal rights in the workplace through Affirmative Action workshops led by Samuel Henry, SJSU Affirmative Action officer.

Last week, Henry presented the second of a series of three workshops for all library employees.

"You try to look at people equitably," Henry said. He said he stresses the importance of accepting co-workers of different races and beliefs.

A former New York City resident who served as director of the federal Race Desegregation Assistance Center, Henry was named SJSU Affirmative Action officer in April.

an Affirmative Action plan here. There has been no Affirmative Action plan for the university since a five-year plan expired in 1980.

"Affirmative Action at SJSU is not particularly good," commented Henry as he addressed the library employees.

One of Henry's duties is to prevent the university from being sued in the even a job applicant with physical disabilities was excluded from a job, or when a female applicant is denied a job because of her sex or marital status.

During the summer, Henry conducted similar workshop for university secretaries and plans to follow through with other departments.



Lois Stuart, Fred Sprate and Jean Aurel-Schneider take part in a panel discussion of "Our Creative Link... Three Generations of Women's Art."

Graduating seniors file by Friday

**By Maureen Keenan
Staff Writer**

Ten dollars and two forms could determine whether or not a student graduates from SJSU this fall.

Friday is the deadline for graduating seniors to apply for bachelor of arts or master's degrees, according to Winona DeBree, evaluations coordinator at the Admissions and Records Office.

According to DeBree, it's "wise to apply early" to determine if any additional classes are needed to graduate.

The process begins by picking up an application for graduation at the Admissions and Records Office. Application fee is \$10.

The application requires basic information such as the student's name, address and current class schedule.

Next, students need to pick up a major form from their department major office.

The only problem that may come up, according to DeBree, is that the major

form, which requires a department chairperson's signature or someone authorized to sign for it, could be delayed.

"If you wait until the last minute it's hard to get major forms approved," DeBree said.

Both forms should then be submitted to the Admissions and Records Office.

If applying for graduation this week, about four to six weeks are needed for a response, according to DeBree.

"Under normal circumstances, it takes three for four weeks," DeBree said.

"Normal circumstances" means applying early.

Admissions and Records has started accepting applications for fall '81 graduation a year ago.

A response involves contacting students by mail, telling them if all is in order or if classes need to be added.

"We tell you what you need," DeBree said. Although the deadline

is Friday Admissions and Records will accept anything that comes in the mail postdated Oct. 2.

DeBree also said students in the schools of Business and Engineering should take their applications to their department office.

The department will then send the application and major form through the mail to Admissions and Records instead of having the student do it.

"It's a large department and they prefer it that way," DeBree said.

The number of students graduating this fall is not as large as the number that graduated for spring, DeBree said.

In the fall, approximately 1,700 forms

are processed with only 1,400 students graduating.

In spring approximately 2,500 students apply with only 2,200 graduating.

"There are a multitude of reasons why some students don't graduate," DeBree said.

Reasons include students not having enough units and waiting until the next semester to graduate, decisions to cut back on unit loads or making up an incomplete.

"There are always 200 to 300 who don't make it," DeBree said.

Professors, artists in panel discussion

A slide show and panel discussion to debate the political and ideological theories of "Our Creative Link... Three Generations of Women's Art" was conducted last week by the Art Department.

The art exhibit, a collaboration of 21 contemporary women artists, their mothers and grandmothers, was the topic of discussion for six SJSU professors and artists.

Panelists talked about area reviewers' comments that labeled the exhibit as

trying to redefine art by combining homemade handicrafts with contemporary work in a three-dimensional format.

Narrated by artist Lois Stuart, the panelists included Erin Goodwin, Lynn Hirshman, David Castleberry, Jean Aurel-Schneider and Art Department Chairman Fred Sprate.

The exhibit, formerly displayed at Works Gallery in San Jose, was disassembled Saturday.

Breaking into business

College students are launching many successful new businesses, according to Brett Kingstone, author of "The Student Entrepreneurs Guide."

Kingstone, 21, will detail the how-to's of starting a student business Wednesday at SJSU.

His talks are set for 8:30 and 9:30 a.m.; 12:30 and 1:30 p.m. in the

Business Classrooms faculty lounge.

Kingstone particularly wants to speak with students who have started their own businesses.

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