GSLs will not be available for summer quarter

By Rob Lopez

Cal Poly students who rely on loans to get them through school had better look for alternative sources of money for summer quarter 1988.

Representatives of the Financial Aid Office said Cal Poly will be unable to process applications for summer quarter 1988 Guaranteed Student Loans. In past summers the GSL has served as an important resource for eligible students. This will be the second summer that GSLs will not be available.

By the time students actually get their loans this quarter, it would already be August. The summer quarter would almost be over," said Mary Ann Hinkle, GSL adviser.

She said the Reagan Administration has made technical changes regarding financial aid laws which have had a negative impact on the availability of loans.

"There are changes in the law about every other month with financial aid," Hinkle said.

She cited last year's Oct. 17 ruling which takes into account age, family assets and the student's income. According to Hinkle, the new law made it more difficult for students to qualify for a GSL.

"The (Reagan) Administration we have is not favorable toward education," Hinkle said. "It's debilitating; that's what's right now."

Hinkle said most students will not be affected by the non-existence of summer GSLs. She said two-thirds of the students at Cal Poly do not attend school in the summer quarter.

Hinkle said Cal Poly is not in a position to reinstate summer GSLs because the new computer system, OASIS, is on operational yet. The system can not be seen LOANS, back page

Hospital receives care from students

Interior designers consider thought process of elderly for 'homey' feel

By Hope Hennessy

Two teams of Cal Poly interior design students are renovating the War Memorial Hospital in Paso Robles into a medium-care facility for the elderly called Villa Terrace.

The purpose of the project, which is part of an advanced interior design class, is to give students a chance to be in a real office situation and to incorporate the 'learn by doing' theory, according to Steven Smith, professor of interior design.

One team is doing a remodeling of the existing facility, which is called adaptive reuse. The other team is tearing down 75 percent of the hospital to establish a new facility and redesigning the remaining structure.

"In essence what I was trying to do was to create a little competition between the two teams and also allow the client to interact with both teams through various phases of the design process," said Smith.

The project has four phases. In the first phase the class worked as one large team collecting data about the client and the users. They consulted with architects, engineers, gerontologists and professional designers and researched building codes.

The second phase called for a division into teams and subteams based on the students' interest and individual expertise. During this phase they studied the elements and principles of design and implemented them in relation to the data collection.

Phase three allowed the students to synthesize the data with specifics.

"They may have mentioned a general shape of a piece of furniture," said Smith. "Then they get into a specific shape. Is it historic? Is it modern? Colors and textures would be more defined. Manufacturers come into play."

"Throughout, the students do a set of drawings including plans, elevations, and perspectives to show the client more detail and get them really involved in the space and what's really happening," he said.

Smith said he tries to get students to "minimize" themselves and put themselves into the plan and into the users' situation so that they have a better sense of what is happening. This allows them to evaluate the good and bad points of the space they have designed.

The last phase is a culmination of a long process of consulting, designing and refining. In this final phase working drawings and written specifications of the components used were presented to the client.

"Components are furniture, accessories, and signage systems as well," said Smith.

Smith said the project is on hold until funding can be secured. But he said the two project options the students came up with are being considered by the client.

A few students are interested in following through with the project as freelance designers, Smith said.

He said both teams came up with "eclectic" themes, which incorporate either old architecture with new furniture or the architecture with old furniture.

The ideas of both teams were turned into a lake. See DESIGN, back page

Funding approved to remodel courtyard

By Cindy McAndrew

The ASI Student Planning Commission has approved $600 for the student-directed revamping of the Engineering West courtyard.

The quad has needed repair for a long time," said Andy Herrick, chairman of the Engineering West courtyard.

"The problem was not enough people were interested in doing anything. A lot of people were dragging their feet."

The finished area will resemble an amphitheater and will include a new stage and more seating. The rebuilt stage will be on a platform off the ground, making it more stable and safer.

The new courtyard will create more open space and greater accessibility for the students, Herrick said.

The courtyard has been used for different things in the past years. Mark Molini, an industrial technology senior, said the courtyard has been used during Poly Royal. One year the area was turned into a lake.

Herrick, an architectural engineering senior, said the courtyard has not been removed for the past 10 years.

"The quad has become a sandbox for architecture," said Herrick. "They use it as a place for their students to work."

The project was begun fall quarter 1987 with an initial See QUAD, back page

Student Senate agenda

Wednesday, March 9:

• Resolution regarding the student-engaged grading system.
• Resolution adding priority listing.
• Resolution regarding ASI fee increase for programming and services.
Letters to the editor

Dry image is Cal Poly

Editor: I read your editorial "Policy begins beer" on March 2 with a furrowed brow. Were you trying to say that by serving alcohol on campus you would change the policy? Or were you saying that because Cal Poly has some beer on campus it is clean, dry image, we can continue to do so into the future?

The idea of serving/selling alcohol to campus function is a troubling one for at least two reasons. First, you give remarkably short shrift to the problem of intoxicated driving. You may not have considered that alcohol is the number one killer on our highways. It shows an unusual insensitivity to the community at large to consider selling/serving alcohol at any campus function where transportation is not provided in light of this fact.

Another point we agree on is that being "rowdy" and "having fun" are part of the football spirit (other sports too). But, as you also say, intoxicated fans can be "unpleasant" — especially when they're showing obscenities, spilling beer or barf­­ing when they're shouting "squeaky clean," and numerous allegations of electoral fraud and false claims remains unanswered, slowly drifting away with the passage of the years.

Students from the schools of Engineering and Agriculture make up the largest blocks of the Cal Poly student population, with some 4,000 students apiece. Cal Poly has been in charge from the very beginning, and the ag students have been in charge from the very beginning. They still are, even though they are now slightly out­­numbered by engineering students.

Last year's ASI president, mechanical engineering major Kevin Swanson, was the first president from the entire School of Agriculture science major John Holley in 1973. In the past 15 years, AG alone has seated four presi­­dents. With a few leadable exceptions, most engineering students couldn't care less about the daily machinations of ASI, although they frequently complain about fee increases. Any student who does care should demand that they have the time to get involved. Victory in politics goes to the motivated and the organized, and the aggies are both.

Heathen suds

Editor: I considered writing in response to the Friday, Feb. 26 article about the "alcohol on campus task force." First, I'd like to ask whose interest was the focus of the article, yours? Here? The beer companies? Some individual alcoholic-football ad­­dicts? It certainly isn't the stu­­dents' interests. Besides the meaningless monetary gain, what good will come to our school if beer and wine is allowed at football games?

John Moons (a man who ap­­parently supports the move) belongs to the long-range plann­­ing committee. He, before I, should realize and see that one thing is leading to another. He started in the article that trying to change the campus policy to fulfill a "wet" campus is "too big a bite to swallow." I contend that it is possible to change the policy if you take one small bite at a time. Thus, in turning, lowering our school from exceptional to merely average. In other words, we feel that our school is considered "dry." Because we are proclaimed to be a "dry" campus. The allowance of alcohol at beer parties was the first small bite and, now, the allowance (or selling) of beer at football games will be the se­­cond bite. I shouldn't prophesy about the third bite, but would it be outrageous to say that it would be a bar on campus?

I realize that people have had the extensive research on the advocacy of drinking crowded down their throats for long enough so I won't mention any of it here. However, as a Christian, it is my duty a verse of scripture (2 Corinthians 6:10): drunkards shall not inherit the Kingdom of God.

— Jeff Coffman

Political brotherhood

Editor: I would simply like to draw at­­tention to your in­­sinu­­tivity in the March 2 Mustang Daily. An article concerning a recent a!tercation was printed on the front page news. Hopefully without my doing more harm to that in­­div­­idual, I question this paper's motives.

Where drunken driving arrest reports might illustrate drunken driving, what is this article supposed to inhibit? Or is this an im­­formative article? Or is this an in­­formative article? It is a personal vendetta against the individual? I can seriously consider the last case because while individual has many problems ahead, you chose not to consider the ramifications of your article but chose to go for the headline.

I am embarrassed at this issue of the Mustang Daily, and the insensitivity to this unfortunate incident.

— Phillip Knight

Automobiles

O n the way into campus from California Boul­­levard, visitors pass to view of the Alpha Gamma Roku agricultural fraternity, with an an­­tique plow proudly displayed on its front lawn. Guarding the south entrance to the campus since 1969, AGR's location is highly symbolic, for it maintains an unshakable dynasty of power in Cal Poly student government.

First of the past 12 ASI presidents at Cal Poly have been recruited from the fraternity. No other frat, no other group on campus even comes close. Its members have been heavily represented on the Student Senate and various committees. Both ASI President Stan Van Vlck and Vice President Donald De Jong are members of the fraternity, as are four out of the five student senators currently repre­­sent­­ing the School of Agriculture. Both of the cur­­rently serving student members on the Foundation Board of Directors (appointed by Cal Poly Presi­­dent Warren Baker) are members of the frat.

Recently I spoke with Van Vlck and asked him to account for AG's remarkable political success at Cal Poly. According to him, it's because the fraternity habitually recruits leadership types, particularly Future Farmers of America high school leaders.

"One tends to look to people who will be leaders for our house," he explains. "Someone out there would probably raise a stink," he says.

Van Vlck hinted at my suggestion that Baker prefers to do business with AG in student govern­­ment, and that this was reflected in Baker's appointment of student members to the Foundation Board of Directors. Last year, Baker appointed then-AG president Frank Cran to a second term on the board. He also appointed another AG member, Dave Smith. While both men are doing a good job, the coincidence of their fraternity membership cannot be ignored, especially in light of AG's massive presence elsewhere in student government. It will be interesting to see how Baker fills the positions this year.

Two years ago, agriculture management major Mike Wendel was AG president, and AG member Bob Court served as vice president. Together they presided over The Great Crime, also known as the re­­center referendum. President Baker made no secret of his desire for the facility and most of our student leaders fell all over themselves to deliver it to him. Two stu­­dent senators resigned in protest over ASI's han­­dling of the vote. Mendels called the referendum "squeaky clean," and numerous allegations of electoral fraud and false claims remain unanswered, slowly drifting away with the passage of the years.

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Mustang Daily — Wednesday, March 9, 1988

State

Banana slug sliding its way closer to state mollusk title

SACRAMENTO (AP) — With jokes about escargot and slime, an Assembly committee decided Tuesday that the banana slug should be the official state mollusk.

The bill, AB3007 by Assemblyman Byron Sher, D-Mountain View, slid out of the Governmental Organization Committee to the Assembly floor by a 12-2 vote.

She introduced the bill at the urging of the Dynamic Blue Bird troop of Redwood City. The troop's six members testified and brought along six banana slugs.

The state has several official mascots, such as the California gray whale as the marine mammal, and has no mollusk, which is a large phylum of invertebrate animals that includes octopi, abalone, mussels, snails and slugs.

Blue Bird Susanna Farley said the banana slug should be the state mollusk because "they're native to the West Coast and live in redwood forests, which is the state tree, and also they eat poison oak and that's very helpful."

Youngsters arrested trying to sell stolen Garfield dolls

LOS ANGELES (AP) — Five youngsters were arrested for allegedly bagging dozens of stuffed cats and peddling them in a shopping center parking lot.

Police believe the five alleged thieves, aged 10 to 13, stole dozens of Garfield the Cat dolls from a toy store inside a Panorama City mall Sunday. The youths were spotted outside the shopping center selling the $20 dolls for $2 to $3, police said.

In recent months, there have been numerous reports of Garfield thefts, mostly from car windows, where the dolls are attached with suction cups.

"It's some kind of fad," said Lt. Rico Castro of the San Fernando Police Department. "I don't get it. It seems pretty silly."

Meanwhile, an orange and black Garfield belonging to Los Angeles County Deputy District Attorney Pamela Davis-Springer was cat-napped Monday from the attorney's pickup truck in a San Fernando Municipal Court parking lot.

Chevron considering a joint venture with Soviet Union

SAN FRANCISCO (AP) — Chevron Corp., the country's fourth largest oil company, is discussing joint petrochemical ventures with the Soviet Union, it was reported Tuesday.

The San Francisco Chronicle said Chevron officials have confirmed that Nikolai Lemayev, the Soviet minister of petroleum refining and petrochemical industries, made joint venture proposals in a recent meeting with company executives here.

Lemayev, on a 10-day trip to the United States, also met with William Martin, deputy secretary for the U.S. Energy Department in Washington on Monday.

While in California, Lemayev and others with the Soviet team inspected control panels installed by Combustion Engineering installed at Chevron refineries in Richmond and El Segundo.

The Soviet Union is the world's largest oil producer and has vast, untapped natural gas reserves, but is badly in need of cash.

Princess' behavior in America criticized by the British press

LONDON (AP) — Two British weeklies have accused Princess Andrew's wife, the former Sarah Ferguson, of brash and vulgar behavior during the couple's recent 10-day visit to California.

London's Sunday Times said that after seeing the Duke and Duchess of York, Americans will likely "retreat to their more refined dinner parties, there to cap each other with anecdotes about the awful vulgarities of the British..."

The Observer, a liberal weekly, in a profile of the 28-year-old duchess, commented, "Something appears to have gone away with the royal fairy story."

The newspapers were particularly critical of the duchess' quip, "I'll see you later," to a man who yelled out, "I love you."

She also drew criticism for the playful breaking of a fake bottle over her husband's head, and what the newspapers saw as generally failed attempts at humor.

S. Korean Assembly passes election law with voice vote

SEOUL, South Korea (AP) — President Roh Tae-woo's ruling party rammed its version of a new election law through the National Assembly on Tuesday with an impromptu voice vote, clearing the way for crucial legislative elections.

After the law was passed during an unruly assembly session that drew shouts of outrage from opposition lawmakers, officials of the ruling Democratic Justice Party said National Assembly elections would be held about April 20.

The two sides squabbled over the legislation for hours while Vice National Assembly Speaker Chang Sung-man, protected by guards, went to the podium, called for a voice vote and quickly declared the bill passed.

Opposition lawmakers tried to block the move but were caught off guard. Some rushed the podium but were stopped by guards. A brief scuffle broke out between ruling and opposition lawmakers, but nobody was hurt.

World

Basque president makes first official visit to United States

BOISE, Idaho (AP) — In the first official visit to the United States by a Basque president next week, Jose Antonio Ardanaz Carrero will arrive in Idaho, the largest enclave of Basques outside of Spain and France.

The 47-year-old leader of the Basque government will arrive in Boise on Tuesday and spend three days meeting with state and civic leaders, said Roy Eiguren, a Boise attorney who helped coordinate the visit.

After leaving Boise, Ardanaz will travel to Reno, Nev., and San Francisco before heading to Washington D.C., where he and officials at the U.S. Commerce and State departments will discuss trade relations.

"It's a historic occasion for the U.S. and for Idaho," Eiguren said. "Those of us in Boise should be particularly pleased."

Boise is the center of the largest Basque population outside of Euskadi, the seven-province area that straddles the Pyrenees Mountains in Spain and France, Eiguren said.

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Computers can help environment's woes

By Kristi Penniman
Staff Writer

"It took us a long time to gear up for this kind of irrigation," he said. Water management is one of many areas focused on at Cal Poly. "We people understand what's happening in production agriculture," said Jensen.

Artificial seeds, growth regulators and seed primers are some of the new technologies Jensen noted. Crop management through remote control and computer systems are other new-age developments currently in use, according to Jensen.

"Computers are not the entire answer, but if used correctly they can be very effective," he said.

Biotechnologists have developed new varieties of plants that do everything from controlling pests to pleasing consumers, said Jensen. As an example, see EARTH, page 6

LONDON STUDY SUMMER '88
Information Meeting 11am
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'Going' in style

Hearse owner says his unusual mode of transportion is 'just a car'

By Dianna Callesen
Staff Writer

Some people say you can tell a lot about a person by the kind of car that person drives — especially if the car is a little out of the ordinary. If it has — how do you say — character?

But this isn't always the case. Sometimes someone can have a really out of the ordinary car and be perfectly normal in all other aspects of life.

This is apparently the case with Cal Poly freshman Tim Louis.

If you were to meet Louis around campus he would probably seem like an average Cal Poly freshman. He is a Staff Writer of the ordinary. If it has — how do you say — drives — especially if the car is a little out of the ordinary freshman Tim Louis.

But more likely it's because the car Louis drives is a hearse.

That's right — a genuine 1963 Cadillac hearse. It even came with the coffin. And his personalized plates that say MORBID 3.

The "Body Inspector" sign is Louis' addition.

Louis said he really doesn't think anything about driving MORBID 3. "It's just a car — it gets me from one place to another.

"It doesn't bother me to drive a car that dead people were carried around in, but someone refuse to ride in it at all. My girlfriend doesn't really like it but she'll ride in it if she has to. I don't force people to ride in it," he said.

"But more often is than not people want to ride in it," he said. "It all depends on your point of view. Some people thinks it's wild. Some people really trip. 'That's morbid,' they say."

MORBID 3 was a hit during WOW, Louis said. "My counselor didn't believe me when I told him I drove a hearse. When we saw it he thought it was great. We went all over in it. Everyone in our group took turns riding in the coffin."

Louis said he gets many of different responses from people who see him driving around. "Some people just give me the thumbs-up. They think it's really cool. Other people don't really like what it represents. But either way it gets a lot of attention. Almost everyone looks twice."

"The first question people ask is, 'What's in the coffin?' They're really curious. When they find out it's empty they start giving me ideas about what to do with the coffin," said Louis. "Some of the better ones are: Use it as a speaker box, a hot tub, or a beer chest," he said.

The coffin is a little famous by itself. "Once I let someone from the Cal Poly Theatre use it. They left a note on the car asking if they could use the coffin. I figured why not," said Louis.

Although he's never been pulled over while driving MORBID 3, Louis said he thinks it might be interesting to see the police officer's reaction if it ever happens.

Louis said he ended up buying the hearse because his pickup stopped running a couple of months before he came to school. "I needed a car and my dad had seen this one in a parking lot back home. I went to a party, I checked it out and it was a good looking and running car. So we bought it," Louis said.

"My dad thinks it's great. My mom doesn't really have an opinion. But the car doesn't bother her," he said.

MORBID 3 was used as a funeral car for 20 years before someone bought it. Louis said it's a classic automobile. "That's one of the things I like most about it — it's unique," he said.

Although parts are sometimes difficult to find, Louis has a lot of effort into restoring it. He repainted the inside and painted the outside gray. He also put chrome molding on the sides.

"Next I'll probably replace the curtains, they're a little old," he said about the original curtains.

He doesn't know how long he'll keep MORBID 3. "If someone wants to buy it for a decent price I'll sell it to them."

Until then he plans on having fun with the car. "I'll be great for Halloween. And also for Graffiti Night in Modesto. Once a year people get out their old cars and cruise the street where American Graffiti was filmed. I plan on doing it this year," he said.

Another good thing about driving a hearse is there is a lot of room for cargo and people, Louis said. "Once I had 15 people in the car, all at the same time. We went to a party."

Louis said he can just pack everything into the car and take off if he has to. "It also gets pretty good gas mileage — about 18 miles per gallon," Louis said.

"And it handles really good."

Even though he has fun driving MORBID 3, Louis said he still just views it as a car. "I just live my life. All I see it as a car, an unusual car, but just a car."
City policy prohibits domestic animals for experiments

By Caroline Boullon

University laboratories use mostly rodents for experimentation, harm them as little as possible and find animal research to be an asset to developing cures to disease, according to many involved with the process. Thirteen research animals were seized from the University of California at Irvine's kennels.

"They were used in a variety of experiments," said a director of public information for UCI.

Eleven of the stolen beagles were being used in air pollution research. "Dogs are used because their respiratory systems are similar to humans," said Linda Granell of UCI.

"There is no way to experiment without animal use," she said.

When queried as to whether animals experience any pain during the experimentation, Granell responded, "They experience no more pain than you or I driving down the freeway.

Rather than terminating, or killing, research subjects after their "careers," UCI beagles are given away as pets.

Robert Phalen, UCI research scientist, owns several beagles which were used in his experiments. "The vast majority of animals used at UCI are rodents — greater than 90 percent," said Randy Black, UCI medical school public information informant.

There are two animal research committees at UCI, one for the School of Medicine and the other for the general campus. These committees oversee experimental protocol. This means the committees must approve any experiment before it is carried out, thereby ensuring the animals will not be mistreated, Black said.

Cal Poly's Animal Welfare committee is overseen by William Stansfield of the biological sciences department. He said all universities follow the same guidelines in monitoring laboratory animal care.

Stansfield reinforced Black's statement and said all experiments done in the name of university research must first be cleared by an animal welfare committee. For example, he said the committee oversees tests being removed from a male rat, but the same project is done routinely to agricultural animals, such as bulls, for agricultural purposes.

Cal Poly uses only mice, rats and guinea pigs for experimentation. No domestic animals are used, as San Luis Obispo has a law prohibiting this type of animal experimentation.

For important research, Cal Poly purchases "highly inbred rodents" from Simonsen Laboratories in Gilroy. This eliminates any genetic variation which may occur in street rodents.

Although the committee doesn't want to permit "unnecessary pain," inevitably some pain is experienced during the experiments, Stansfield said. Certain experiments "may be impossible without the introduction of some pain."

In most cases, Cal Poly research animals are terminated after use, but in others, they are reused for other projects. One method of termination is to inject an overdose of an anesthetic into the animal.

"There is now a celery with no strings attached," said Jensen.

Jensen said there is a critical labor shortage in the United States, further heightened by the new citizenship laws. Mechanization should help reduce this strain.

"Look out John Deere, if you don't want to mechanize our industry then we'll go to the industry that does," he said.

Rob Benoul, a researcher also at the School of Agriculture, said, "We can't give up on this area of the future."

"If a bird goes to peck the seed, it pokes its eye," said Jensen. Tomatoes have been developed that take less time to boil down for canning, and carrots are available with smaller stems.

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Camp on the shuttle

Scientist tells views on space program

By Jill Gregory
Staff Writer

"My trip to summer camp" was how a research scientist who flew aboard the space shuttle Challenger as part of the Spacelab 2 mission described his unique experience.

Loren Acton of Lockheed Palo Alto Research Laboratory presented a lecture combining opinion, slides and a film presentation titled "Working in Space" to a group of students and faculty Monday night.

Acton described the activities aboard the manned space flight as well as offering opinions and comments about NASA, the Challenger explosion, the United States space program and where things will go from here.

The physicist and astronomer was emphatic about his support of America's space program and opinionated about the role bureaucracy and NASA should play in space. He said during preparations for the mission he participated in, he was aware of problems in the decision-making process but he didn't foresee the Challenger disaster.

"There is a lot of bureaucracy that affects launching decisions," said Acton. "There was little or no communication flow, and knowledgeable and qualified people were excluded from important briefings. However, I didn't think these problems would result in a disaster of the magnitude of the Challenger explosion."

He added that astronauts and civilians involved in space flight are prepared for the risk of the job and therefore he didn't feel deep grief for the loss of the crew. Instead, the grief he feels is for the loss of the space program.

"The crew is trained for the uncertainty of this business; it goes with the territory," he said. "My feeling is — what a way to go. However, what I weep for is the reaction of the nation and its leadership, and the abandonment of the space program altogether."

Acton added politics are keeping the space program from rebounding from the disaster and he has no idea what the future will hold.

"America is letting (the space program) be stopped by the political risk of failure, and it is now practically impossible to explore in space," he said. "We turn this around, but it will depend on the new administration and the direction that is determined."

Acton also narrated a slide show that provided an inside look at the function and operation of a space mission and shared anecdotes about the activities on the eight-day mission.

On the flight, he acted as a payload specialist, which is a civilian who doesn't work for NASA but is selected as a specialist on the particular payload of the mission going into orbit. Acton's area of expertise is solar physics and his work on the Solar Optical Universal Polarimeter enabled him to be chosen for this mission.

The Spacelab 2 mission included a variety of experiments designed to investigate solar, astronomical and biological phenomena, and thus involved a little bit of everything.

"It was a remarkable mission in that we were a test bed for multi-disciplined sciences," said Acton. "From a crew point of view, it was great because we got to experience so many different things."
Guess Who?

Poly student earning cash with his own limo service

By Karen Bonham

Another young Cal Poly entrepreneur is striking it big. Randy Bernard, a junior agricultural management major, is making his mark in San Luis Obispo with his limo service — Guess Who Limousines.

After realizing just how big tourism is in San Luis Obispo, Bernard thought starting up a limousine company would be both profitable and beneficial to a county with more than 45 hotels, several wineries, and an enormous number of college-aged students.

Also, with the drunken driving laws getting so strict, more people are realizing the advantage of renting a limo to eliminate the worry of being pulled over, Bernard said.

"Thanks to the stricter laws, we're getting a lot of business, because most people feel that it is worth the price to rent a limo than to risk having to pay a ticket," he said.

With all of these favorable factors, Bernard, with the help of his sister, got a loan and started up his increasingly successful business.

After starting the business a year ago January, Bernard found out how difficult it can be to juggle both school and a new business. He finally resolved to hire a secretary.

"Without my secretary, my grades definitely would have begun to suffer, simply from burnout," said Bernard.

Although business was booming, Bernard admitted that all of his time spent working and going to school put somewhat of a damper on his social life.

"Basically, my social life was nonexistent. Sure, I'd run into my friends at school in between classes. But I just didn't have the time to go out and do things on the weekends," said Bernard.

With a brand new office located near The Graduate, life has become a little less hectic, said Bernard.

"I originally worked right out of my home, but things just really got out of hand — mainly with the amount of phone calls that I was receiving. People would call at three in the morning to make reservations," he said.

He isn't complaining though. So far, the business has doubled every month since January, and it is still on a steady increase.

"I couldn't be more pleased with the progress that I have been able to achieve and the direction that we are headed," he said.

"The one aspect that has really helped tremendously in getting the business off the ground is by just meeting the right people at the right time," said Bernard.

After graduation, Bernard does not intend to continue with the business.

"I'm starting to realize that there are so many other things that I'd like to do. Sure, it's been a fantastic learning experience, but with every new quarter, I find another new class that intrigues me," said Bernard.

"If I didn't have my own business, my classes in labor relations and computers would probably put me to sleep in a second. I have learned to appreciate my classes more than ever, because they are applicable to all of the kinds of business situations that I'm faced with everyday."

"I'm able to go right out into the field with the information I received in class and apply this knowledge to my own business," Bernard said. "It's a perfect example of learning by doing."

Bernard has applied what he has learned in school straight to work, especially in dealing with his own employees.

Working with his sister, Tammy, who is a part owner of the company, Bernard has made a point of hiring college-aged employees to please all of his clientele. He said that with a younger crowd, the chauffeurs can communicate better and also have a professional attitude with local business people.

Bernard does not like to see his employees having to miss any classes, and if absolutely necessary will chauffeur a limo himself to prevent somebody else from having to miss school.

Meetings with employees are scheduled frequently to get everyone involved and do discuss new ideas about how to handle problems that arise.

"We all work as a team," he said.

Chauffeurs are worn everywhere by both Bernard and all chauffeurs to ensure the utmost accuracy and prompt service for last-minute limo requests.

"It's a sort of a problem in my classes, when my beeper is constantly going off, but all of my teachers have been incredibly understanding," Bernard said.

"Unfortunately, skipping classes and answering unexpected requests is often unavoidable for the chauffeurs."

"Surprisingly, most of the teachers are pretty flexible and understanding about my situation. However, the teachers, I think I have really pushed it to the limit, and have already had some pretty stern lectures from my teachers," said chauffeur Paul Amrhein, a Cal Poly student.

Although the chauffeurs said driving a limo is exciting and often glamorous, they admit that they have had their fair share of unusual requests and incidents.
Warship gives chance to sail around America

By Karen Bonham

Cal Poly students will soon have a chance to sail around America through the Panama Canal for six months to a year aboard a full-scale replica of a 16th century British warship. The Golden Hinde is now accepting applications to fill two positions as permanent crew members.

In full 16th century costume, the ship's crew members will be firing cannons, climbing the rigging and stowing the sails as the ship arrives in Morro Bay, on the southside of the rock. The ship will be in Morro Bay from March 11 to April 13.

Sue Quinn, public relations director for the Golden Hinde, said applicants need not have any experience to be considered for a crew position.

"We have our own complete training program that the crew members go through," said Quinn.

Crew members will be compensated with free board and lodging, and a weekly salary of $75.

"Right now, we're still in the process of going through resumes to find people to give guided tours of the ship, while we remain in ... Morro Bay," she said.

"We're looking for students who are fairly outgoing, who enjoy working with children, and also have some interest in the history of the ship," said Quinn.

Since her first launching in 1973, the ship has already circumnavigated the world and appeared in several films, including the television mini-series Shogun.

After attending EXPO '86 in Vancouver two years ago, the ship visited 17 ports of the West Coast of the United States during 1987 at the start of her three-year tour of the country.

The wooden galleon was built in England in 1973 to commemorate the 400th anniversary of Drake's historic voyage around the world during which he claimed part of California for Queen Elizabeth I.

Hugging the coastline, the ship will stop at numerous seaports along the California Coast. The ship will then eventually sail up the East Coast of Canada and into the Great Lakes before sailing back to England.

At the end of this voyage, this educational floating museum will have been accessible to as many American school children and members of the public as is possible with a full crew.

"The Golden Hinde provides an ideal opportunity to excite the minds of school children in a historic-type atmosphere," said Quinn.

The three-masted square-rigged Golden Hinde will be open from 9 a.m. to dusk.

For more information on guide positions, write: The Golden Hinde, Box A151, 2030 Dexter Ave. North, Seattle, WA 98109.

Applications are now being accepted for the University of Pittsburgh-sponsored Semester at Sea. Each fall or spring 100-day odyssey aboard the American-built S.S. Universe literally offers you the world.

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For full information, including a catalog and application, call 1-800-854-0195/1-412-648-7600 in PA. Or write Semester at Sea, Institute for Shipboard Education, University of Pittsburgh, 2E Forbes Quadrangle, Pittsburgh, Pennsylvania 15260.

Then prepare for the learning adventure of your life.

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Video Presentation, March 9, 7 p.m.
Room 247, Computer Science Bldg.
Information Table in the University Union Plaza, March 9 and 10.

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**LIMO**

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"...One of the disadvantages of the one-way window located behind the chauffeur's seat is such that you have absolutely no idea of what's going on in the back seat with your passengers," explained Amrein.

On one occasion, Amrein's passengers thought that it might be pretty fun to take a little stroll onto the roof of the moving vehicle, and proceeded to climb out of the sunroof. With some tips ranging to $220 for a single run, the chauffeurs don't seem to mind the unusual requests from passengers.

"It's a great way to meet girls," said driver Danny Miller, a Cuesta College student. "I'm a real people-person, so I absolutely love this line of work."

Some of Guess Who's more well-known clients have included Ted Turner, The Beach Boys, Kenny Rogers or some big star to step out. So when they see the limo, they say to themselves, "One of the disadvantages of being famous." They all always want to know who's in the limo. Everyone

**ANIMALS**

From page 6

...introduced to the bloodstream. With mice, a guillotine "ensures instantaneous decapitation," said Stansfield. These two methods are within the guidelines set by the federal government.

The California Biomedical Research Association reported studies using dogs, pigs, rodents and pigs are underway at the University of California at San Francisco, U.C. Los Angeles, and UCI to learn more about the pancreas and its relation to diabetes.

"Dogs, because of their similarity to humans, are particularly important for transplant and angiostudy studies. Recent research has been so successful that pancreas transplantation...is now possible in humans, and components of an artificial pancreas are currently being tested in dogs."

Tests on mice provide new evidence linking nutrition and diabetes containment," CBRA reported.

Researchers at UCSF, UC Davis, and USC currently explore lung disease on animals. In addition, dogs and monkeys are being studied to devise new ways to control asthma and AIDS pneumonitis, a new disease, said CBRA.

The Animal Welfare Act, a federal law, sets standards for treatment of research animals, including housing, feeding and cleanliness specifications. The law also mandates use of anesthesia for painful procedures and post-operative care. Also, the U.S. Public Health Services requires institutions receiving research grants from the National Institutes of Health to abide by the Animal Welfare Act.

**SLO county's first independent TV station premiers this month**

By Kristie Kuecker

Staff Writer

This month San Luis Obispo County is finally going to get its own television station. The new UHF (ultra high frequency) television station 15TV will be premiering within the next week and a half, according to Chuck Holdridge, a member of 15TV's core management team.

The management team includes Steve Urbani, Bob Vincent and Holdridge. Vincent and Holdridge have worked in sales for network affiliates and Urbanz was one of the founders of KCBX-FM public radio.

These men have been putting the station together for the past seven years. In 1980 they won a raffle which gave them the opportunity to start 15TV.

The new station's signal will cover the Central Coast from Paso Robles to south of Santa Maria. It is the only locally owned and operated television station on the Central Coast, as well as the only independent station in the area.

Many of the programs shown on 15TV will be locally produced, including a simulcast with KCBX-FM90 of San Luis Obispo County Symphony. Bert Westphoff, production manager, has planned broadcasts of local high school sporting events.

He said there will be news magazine shows; instead of conventional newscasts they will look at community events and issues. The shows will highlight outstanding local sports figures, local festivals and other cultural events, according to Westphoff.

"People associate us with old movies but we'll be seeing first-run movies like Running Scared and Uncommon Valor," said Holdridge. He said the station bought a movie package from New York which includes first run movies from 1976-1986. CNN Headline News, Showtime at the Apollo and National Geographic on Assignment are among the programs 15TV will offer. The first-run movies will be shown during prime time hours, 7:30-9:30 every weekday. They will also show movies in the 2:4-6 p.m. as of now, no arrangements have been made with the Telegraph-Tribune or other local county newspapers to carry a schedule of programs. The station will be distributing programs around the area. 15TV is negotiating with Falcon and Sonic Cable, which may carry the station for subscribers in the future.

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LOANS

From page 1
used until new software is available and has been tested.
"It's a long drawn out process, as anyone who works with computers knows," Hinkle said.
She said by summer 1989 there is a good chance that summer GSLs will be available once again.
Mike Smith, a senior natural resources management major, said his summer plans have changed since he was informed about the policy.
Smith planned to take 15 units this summer, but now must take a lighter load and work at the same time.
"People don't want to hire you if you can only work part time," Smith said. "They want people who are full time — it puts you at a disadvantage."

Smith said if GSL money was available in the summer he would not have to concentrate so much on getting a job and could dedicate his time more to studying.
"I'm not a great student, but I'm concerned about learning," Smith said. "There is nothing wrong with working while going to school, it builds character. But when it affects your grades you have a problem."
The only financial aid available this summer will be the Emergency Loan, and for current recipients, the Cal Grant. Emergency loans are limited to $200, which restricts the amount of help they can provide. A Cal Grant does not provide enough money to pay for the cost of attendance.

DESIGN

From page 1
well received by the client and a final decision will depend on funding and the feelings of the city.
"I think the users will be very happy with it," said Smith. "If the client decides to go with adaptive reuse alternative, the facility will have an old Southern California look — stucco with flat roof tops. If the client opts for new facility, it will be an entirely modern look," he said.
Smith said that the project was difficult for the students to go through initially, until they began to realize the thinking process of an elderly person.
Then the students decided that the "homey" atmosphere was very important. They wanted to keep the atmosphere somewhat like what these elderly people grew up with so that they will feel more at ease," said Smith. "It becomes more of a foundation for them."
The students considered lighting, acoustics, carpeting and privacy among many other elements in designing the facility. Visibility of the outdoors was also a key factor.
"We wanted them to be able to interact with nature as much as possible," said Smith. "The new facility has a little old and a little new mixed together. The users would have modern technology in a setting they can relate to, which is important, to give them security and stability."

QUAD

From page 1
agreement of the designs for the courtyard. Doug Gerard, executive dean, approved the designs.
Herrick said this was difficult since there are so many departments involved in the project.
The architecture, architectural engineering, construction management and landscape departments are all involved since they all border the courtyard.
Plant operations is expected to replace the irrigation system.
The project is estimated to cost $2,500, with most of the materials being donated by businesses. Herrick said it is important to involve the community.
Ken Brickwedel, a construction management senior, said a lot of people use the area. Professors use it for lectures on nice days and the industrial department holds graduation ceremonies in the courtyard, according to Brickwedel.
The renovation will utilize the resources already in the courtyard and add new materials.
Herrick said the materials used to revamp the courtyard should last longer than the original materials.
A committee consisting of students from each of the departments involved was formed of fall quarter for the actual labor of the project. Brickwedel said the project is not just for the five departments — anyone interested can help.
"The project has given us a good idea of what our major is about," said Bonnie Johnson, an industrial technology senior.
"It's hard to cut through so much bureaucratic red tape."
The upkeep of the courtyard will be provided by the departments involved in the project. Herrick is planning on a group of volunteers from the departments to clean up the area every other week.
"After everyone has put so much time and effort making the place look nice, we want to keep it in good condition," said Herrick.

CALENDAR

thursday
• London Study Summer '88 — There will be an information meeting Thursday at 11 a.m. in U.U. 220. All are welcome.

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