Professor dies over Christmas holiday

By Diane Zundel

Donald R. Mash, a mechanical engineering professor known for his unwavering friendliness and dedication to his students and colleagues, died last month of a heart attack. He was 63.

Mash died on Dec. 17, 1986, in a San Luis Obispo hospital. He had been a faculty member at Cal Poly for the past two years.

"He had a good relationship with everyone. He made it a point to be friendly and he never walked by without smiling or saying hello. There are over 150 faculty members within the engineering department, but he really stuck out," said Theresa Pitaway, a clerical assistant in the engineering department.

Bernice Glnski, the mechanical engineering department secretary, said that Mash was a great instructor and students really loved him. At the end of fall quarter, three students whom Mash had for a senior project class baked him a big heart-shaped cake to show their appreciation, said Glnski. When students heard of his death, she said, many wrote letters to Mash's wife to express their sympathy.

"He was such a nice and thoughtful man. And he was always happy. He wanted all of us to do well. When I would go to his office hour, he would explain things over and over again if I didn't understand. He would never turn you away," said Christopher McNairy, a junior agricultural engineering student who had a class with Mash last quarter.

Mash was born Nov. 21, 1923, in Greensburg, Pa. He received a bachelor of science degree in metallurgical engineering in 1944 at Carnegie Tech in Pittsburgh, Pa. He served in the U.S. Army.

State budget cuts may force tuition up $45 in spring

By Carmelia Herron

A proposal for a student fee increase to be effective spring quarter is strongly opposed by California State Student Association members and various ASI representatives for the California State University. They claim that a mid-year registration surcharge is illegal under existing state legislation.

The surcharge, or one-time fee, is part of a plan to cooperate with Gov. George Deukmejian's $27 million reduction of the CSU system budget. The surcharge will be proposed Thursday to the CSU Board of Trustees.

Deukmejian will make a decision on the proposed reduction plans this week. It is not certain whether or not he is in favor of the surcharge.

If approved, the surcharge will be approximately $45, according to Sherry Skelly, CSSA staff member and legislative director for the CSU. The fee will be charged only spring quarter.

An approximate $13.5 million of the $27 million reduction could be generated by the proposed surcharge. The other $13.5 million may come from administration budget cuts, early retirement programs, possible system savings and unallocated funds, said CSSA liaison for the CSU and Board of Trustees Kerri Johnson.

Both the CSU and UC systems are being asked to pick up 63 percent of the $100 million reduction Skelly said this type of fee increase has a history of becoming a permanent fee, and that it is possible the $45 will be added to the scheduled 10 percent registration fee increase for the upcoming fall quarter.

Johnson said, "Our main concern is that the CSU is operating on a 'shoe-string' budget. . . . We have no money in reserves because the governor doesn't want to deplete state funds."

According to Johnson, the CSSA opposes the surcharge because within Senate Bill 195, it is not legal to impose a mid-year student fee increase without 10 months advanced notice and further declaration by Deukmejian of an existing fiscal crisis. Neither has been announced, said Johnson.

Skelly pointed out that SB 195, made effective last January, was pushed through by students and administrators so that students could plan their finances.

"The reasoning behind State Senate Bill 195," said Skelly, "is to take the power away from the Board of Trustees, and put it back in the hands of the methodology. It allows for planned, predictable fee increases, and is a way of insuring that sporadic increases, like mid-year surcharges, will not surface."

ASI President Kevin Swanson, who attended the CSU meetings during the weekend, also opposes the surcharge.

"When a student pays his or her registration fees, that is considered a contract. We expect nothing to be changed," he said. "The fee comes without warning; it leaves little time for planning and administrators so that students could plan their finances."

Although the surcharge is a "quick and easy way" to generate funds, Skelly said this type of fee increase has a history of becoming a permanent fee, and that it is possible the $45 will be added to the scheduled 10 percent registration fee increase for the upcoming fall quarter.

Swanson said an average of 90 percent of the $45 surcharge would be returned to ASI, leaving only 10 percent for the Board of Trustees.

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Education for political literacy

GUEST COLUMNIST
Donald Lazere

SECRETARY of education William J. Bennett's recent report calling for greater emphasis on social studies in elementary schools articulated a growing consensus among educators that the abysmal level of political literacy in America poses a serious threat to the survival of democracy.

A public that is ignorant, apathetic and gullible about basic political facts and ideologies is easy prey for demagogic manipulation. Our schools must serve as a counterbalance to the miseducation we are swamped with every day from politicians, advertisers and special interest groups. Unfortunately, civic education has in recent decades been one of the feeblest segments of elementary, secondary and college curricula.

In the college composition course I teach, students analyze recent political statements such as the 1984 Reagan-Mondale debates or President Reagan's State of the Union address.

Many of the students, who range from sophomores to seniors, cannot understand much of the elementary political vocabulary in such texts.

One sentence that gives them trouble, for example, is found in the president's 1985 State of the Union address: "This administration will meet its responsibilities to help those in need. But policies that increase dependency, break up families and destroy self-respect are not progressive; they're reactional."

The students do not know what "progressive" and "reactional" mean in this context, where progressive is synonymous with liberal and reactionary synonymous with ultra-conservative. Few students even have any understanding of what "conservative" and "liberal" mean—which is not surprising, considering how inconsistently these terms are used by our politicians themselves.

Even after these words are explained, some students still do not fully understand the quote because their reading skills are not developed enough to grasp its ironic, between-the-lines meaning: "Liberal Democrats claim that we conservative Republicans try to impede progress for the poor, but some programs which in theory would help the poor have actually harmed them."

If the brightest of American youth cannot understand this or other key passages in a presidential address, it is difficult to imagine that the average TV audience, we are in big trouble.

The problem is compounded by the regrettable fact that statements by politicians of both parties are filled with rhetoric that is vague and evasive at best, deceptive and manipulative at its worst. Rhetoric flies so fast in the television age that neither the nation's news media nor the public has time to catch up, and we are left with a lot of doublespeak for exactly this reason.

Today's managers, teach that high school requirements in civics seem to be too great a burden for most students. And those seniors, cannot understand much of the elementary political vocabulary in such texts.

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American asks Soviets delay trial

MOSCOW (AP) — An American businessman accused of defaming the Soviet government newspaper Izvestia has asked a Moscow court to delay the trial on the newspaper's lawsuit.

Izvestia's editorial board filed the defamation suit against Raphael Gregorian in December, but the newspaper has not released details about its charges.

Gregorian's Los Angeles attorneys said they needed time to prepare a defense and asked Moscow City Court to delay a trial that the lawyers said was set for Monday. However, an official at Moscow City Court said Monday the trial had not yet been scheduled.

A copy of the lawyers' request was sent by telex to The Associated Press in Moscow.

Gregorian sold medical supplies in the Soviet Union for 15 years before being forced to leave the country in 1984. Izvestia printed allegations at the time that Gregorian was a spy and he went to court in the United States charging libel.

Neither the newspaper nor the Soviet government responded to the charges, and Gregorian won his U.S. lawsuit by default in August. In November, U.S. marshals seized about $5,000 worth of property from Izvestia's offices in Washington.

In their message to the Moscow court, Gregorian's lawyers said their client had not been served with a summons or statement of claim in the Izvestia countersuit, and that the scheduled trial would violate Soviet civil procedures that give a defendant "sufficient time to prepare a defense."

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Weinberger justifies higher defense spending

WASHINGTON (AP) — Higher defense budgets are necessary to meet the continuing Soviet military buildup and because there is "no prudent way to scale back American interests around the world," Defense Secretary Caspar Weinberger told Congress on Monday.

Weinberger's familiar message came during his first appearance on Capitol Hill before the new 100th Congress in support of President Reagan's request for a 7.7 percent increase in military spending at a time when the administration has proposed to cut many domestic programs.

The requested $312 billion defense budget would amount to an actual 3 percent increase after inflation, the smallest hike sought thus far by Reagan as part of his program to "rearm America."

"Over the years, I have made much the same kind of plea," Weinberger noted to the Senate Armed Services Committee as he reviewed U.S. global defense agreements and the Soviet Union's military capability.

Much of the hearing dealt with U.S. military strategy rather than specific items in the defense budget. Sen. Sam Nunn, D-Ga., the new committee chairman, has called a series of hearings to try to outline overall U.S. defense strategy rather than debate specific weapons.

Still, Weinberger defended several budget requests, chiefly the administration's proposals to buy two more aircraft carriers and sharply increase spending for the "Star Wars" anti-missile research project.

The administration wants $660 million as a down payment for the carriers, which would cost $6.9 billion. It also requested $5.78 billion next year for the Strategic Defense Initiative, as Star Wars is formally known, compared with the current SDI budget of $3.5 billion. A separate request would add $500 million this year for the SDI budget.

"You need to order them six to seven years in advance," said Weinberger.

But Sen. Carl Levin, D-Mich., said Weinberger told the panel last year that no carriers would have to be sought until the next decade, a statement Weinberger disputed.

"Weinberger said he supports deployment "as soon as possible," but only if it is the first stage of a full-scale SDI system.

Several Republican senators said the administration should consider deploying elements of a Star Wars shield as soon as possible even if no complete SDI system is available.

"I'm very fearful the patience of the Congress is very thin," said Sen. Dan Quayle, R-Ind.

"Heinberger said he supports deployment "as soon as possible," but only if it is the first stage of a full-scale SDI system.

When Sen. Steven Symms, R-Idaho, pressed Weinberger for a date when a deployment decision could be made, Weinberger would not go beyond saying he hopes it can be within "a very few years ... the sooner the better."

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LET'S BOUNCE

Student workers find that job requires ability to bounce back

Story by Matt Weiser
Photo by Tustin Ellison

I f you were to take the title literally, you might think the job entailed testing new basketballs. But a bouncer deals with people, not equipment, and it is the customer and not the product who occasionally gets tested for resiliency.

Bill Bellamy is a Cal Poly student and head bouncer at Bull's Tavern, and one time he was forced to test out an irate customer against the Chorro Street asphalt outside the bar. He estimates that a belligerent customer had a problem about leaving when he was asked to.

"Two guys had jumped me, and when I pushed one out, the other guy jumped on my back," Bellamy said. "I got clobbered in the back of the head, and the guy kicked me, too. That just happened to piss me off. So when I got the guy off me, I just turned around and caught the other guy with a 'harmaker' and knocked him into the road, and he almost got hit by this van."

Incidents like this are really the exception rather than the rule, according to Bellamy. At 6-feet-6-inches tall and 250 pounds, you can believe he probably doesn't get messed with very much. He has worked at Bull's for a year and a half, and has only had three fights. He said that when an incident does arise, he's got to be very careful about his own reaction.

"You really gotta watch your step," he said. "You're only allowed to use what restraint is necessary to subdue the individual."

"Ninety-five percent of the people who walk in there are super," added Bellamy. "I like 'em. I can look forward to going to work most of the time because I know I'm going to see a lot of friends. That other 5 percent — the hell with 'em basically."

For the other 5 percent, Bellamy usually finds that a few carefully-chosen words are all that is necessary. "You have to be like a diplomat, almost," he said. "It helps to be a public relations major. Most of the time you just use psychology on a drunk and you got it made.

"There was a time I used to love to fight," added Bellamy. "But now, I'm kind of in an age where I would just as soon say, 'Hey, Let's sit down and have a cold one. Why go outside or beat on each other?'

When it comes to apprehending fake-I.D. users, Bellamy said girls are much worse than guys. "Girls go crazy on you," he said. "They'll stand there and call you every name in the book. Guys, I'll probably just choke-out or something. Well, a girl, you find yourself having to hold back. I haven't hit a girl yet, but three or four times I've just wanted to take a chick by the throat and strangle her. But you can't do it."

Verbal abuse seems to be the primary problem with a bouncing job. "Everybody looks at me and goes, 'Wow! What an asshole,' because I'm keeping their I.D.," said Bellamy. "On the other side, they're jealously guarding their job and our bar. I can't worry about what they think because if you're too sensitive about it, you're not going to make it very long."

Dave Miller, an agriculture management major and a bouncer at Rose and Crown Pub, agrees that verbal abuse can be a problem.

"You learn to be very cool-tempered because you could get into a fight any night you wanted," said Miller. "It takes a lot to get me mad. It takes, probably, a personal attack on me. You just have to realize what is an actual personal attack or what's a personal attack on the person that's in your bounce.""Despite his even temper, Miller has had his share of conflicts, but, again, they are the exception. "But the situations where he had to punch somebody only twice."

One instance arose when an off-duty waitress at the Rose and Crown Pub had been followed throughout town by a group of men. "They were just having a good time, but they really scared her, which started my adrenaline going," Miller said. "He decided he had better walk her to her car."

"She started to walk to the car, and a guy reaches over and grabs her, stars to pull her in, and she starts screaming," Miller explained. "He went up to her and took her to the face and just shoved her and knocked her back. My father's put it into my head never to hit a girl, and never to allow for anybody to hit a girl, so I stepped in from there and put him down."

Another time, a man was bouncing on a table and it broke off. Miller asked the man for his I.D. so they could make sure he would pay for the damage. The man decided he was going to leave without giving any identification. The manager went to call the police.

"He goes, 'Who's gonna hold me here until the police get here?' and he starts getting in my face," said Miller. "This guy's going, 'I can take this guy,' and he starts to leave. So, I slammed him up against one of the booths and kept him there, and we didn't have to call the police. He settled down after that and gave me his I.D. and that was all there was to it."

Miller, at about 6 feet tall and 200 pounds, said his size can sometimes be a hindrance. "I'm small enough where smaller people think that they can kick my butt," he said. "And I'm big enough where somebody bigger says, 'I would be picking on somebody to beat this guy up,' so I'm stuck in the middle. Everybody likes to pick on me and everybody thinks they can take me. I may not look like I carry the weight, but I do. I like to walk softly and carry a big stick."

Sometimes, the situation can get to be a little more sticky, as history major Bill Mashy found while bouncing at Tortilla Flats.

Mashy said a man came to the door and wanted to get in, but he didn't have any way to prove his age. He wasn't too happy about being denied admittance.

"He was a little bit irrational," Mashy said. Ten minutes later, they caught the man and one of his buddies breaking in through the back of the building.

"They were going through one of the employee's purses and we didn't know what they had taken, so we went after them," said Mashy. He said that the man who was originally giving him trouble was going crazy, and the bartender said, 'Make sure that guy doesn't leave cause I don't want him to get away.' We left to call the cops. I went towards him and he pulled a knife. I just put my hands up and said, 'I don't get paid enough for this, man!' It ended up the guy was wanted for armed robbery in L.A."

Despite his brush with danger, Mashy feels that the worst is yet to come. "I'm sure my time will come," he said. "One bouncer had to ask a guy to leave. He wouldn't leave and ended up biting into the guy's chest and broke the skin."

Working the job around school hours

See BOUNCERS, back page
By Catherine Hernandez
Staff Writer

A Cal Poly economics student has organized an eight-day trip to New York that offers students the opportunity to experience things they could not in nearby Los Angeles and San Francisco.

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New York City
Shows, shopping and celebrities await in the Big Apple

By Jon Scofield

Staff Writer

After a hard winter quarter the Cal Poly student may feel the need for a change of atmosphere. A Cal Poly economics student has arranged an eight-day trip to New York that offers students the opportunity to experience things they could not in nearby Los Angeles and San Francisco.

The first trip was arranged in spring 1985. Scofield admits he decided to do it because it was a way to afford a trip back to visit his friends in New York. But he decided to plan this year's trip primarily because the first trip was so much fun.

"Sure it was great to see my friends, but I had a wild time with all the people who came along," Scofield said. "It was a real reward for me to be there with people who had never seen New York before."

Scofield says the trip can be whatever students want it to be. Those who decide to take the trip are not forced to follow a planned agenda. "You have the freedom to do what you like," he said.

"New York is just a different life. It's a different place and I enjoy showing it to people," Scofield said. He said that in New York there is no guessing what will happen next. "Famous people are walking on the same side of the street as you and going to the same delis. Last time some of the people saw stars such as Woody Allen and Rod Stewart just walking the streets," Scofield said.

"The main thing about New York is that it's a real paradox with the extremes of everything. I was down to 18 dollars and starving at one time while I lived there so I know you don't have to spend a lot of money to have a good time," he said, but added that there are also ways to spend $400 in one night.

"The shopping there is intense," Scofield said. "There are expensive stores and then there are little shops with little trinkets. You can spend a million or you can spend a dollar."

Scofield said the 1985 trip did include some unplanned excitement when a large drug deal took place in the subway car that some Cal Poly students were riding. "Things like that can only happen in New York," he said.

"The trip is fun because you do what you want to do. I had one girl who saw eight Broadway shows and others who did not see any," he said.

"New York is the highest, the lowest, the fastest, the slowest, the smartest and the dumbest," Scofield said. "New York is a great place to visit because it offers something for everyone."

The $435 trip will include round trip air fare from San Francisco to New York and seven nights of hotel accommodations. Scofield will hold a meeting and slide show to talk about the details of the trip at 7 p.m. Wednesday in University Union Room 219.

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Jeffrey Crovitz, a graduate student specializing in civil engineering, received a one-year $1,500 fellowship award from the Central Coast Chapter of the American Public Works Association. Crovitz will teach a laboratory course in the strength of materials while working toward a Master of Engineering degree under the fellowship.

Charles W. Jennings has been named chairman of the art and design department. He succeeds Robert G. Reynolds, who has returned to full-time teaching.

Jennings had served as interim department head since March, and teaches courses within the department such as design fundamentals, fundamentals of drawing, illustration, water color and professional practices.

The Cal Poly chapter of the Society of Photo-Optical Instrumentation Engineers (SPIE) won a $2,000 grant from its national parent organization to develop its programs. The funds will be used to expand the chapter’s electro-optical lecture series and develop technical videotapes for outside distribution.

Cal Poly students were the first in the nation to form an SPIE student chapter. Additionally, the Cal Poly grant was the only one issued to a student group.

Computer science professor Emile E. Attala was named recipient of an award from an international society for his outstanding service to the organization. He received the Joan Laser Hayes Award from the Association for the Development of Computer-Based Instructional Systems.

Attala served as head of the computer science department from 1978 to 1983 and as interim associate provost for information systems in 1983-84.

Cal Poly’s computer science department is among the first undergraduate computer science programs to receive national accreditation.

The Bachelor of Science degree program offered by the department was one of 22 programs nationwide to be accredited by the Computing Sciences Accreditation Board.

Three metallurgical engineering students recently received scholarships totaling $2,500.

Senior Carol Ann Baer won two national societies’ awards — the $500 Mary Norton Scholarship given by the American Society for Testing and Materials and a $500 American Society for Metals Undergraduate Scholarship. Senior Robert Haus was awarded an Aloha Foundation Scholarship for $1,250.

Junior Johnathon S. Fish received the Greg Stines Memorial Scholarship for $250.

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Parking revenues, campus citations examined

Portion of Cal Poly revenue goes to CSU parking fund

By Anna Cekola

Although some students may find parking permit rates high, revenues made not only serve Cal Poly, but the entire California State University system.

Assistant Budget Officer Debbie Marple estimates that Cal Poly will generate $638,465 from parking permits this year. Of this figure, approximately 60 percent will be allocated to Cal Poly, with the remaining percentage going to a parking fund that benefits the CSU system.

Within the 60 percent figure left to Cal Poly, specific guidelines set by the State University Administrative Manual mandate three major areas to receive parking revenues. These areas are financial operations, logistical services and Plant Operations.

"This is a completely self-supported system based on an estimated number of permits to be sold," Marple said. "Anything to do with parking is paid by the parking fund.

Receiving the largest budget allocation logistical services. This primarily covers salaries and benefits received by Public Safety and clerical employees involved in parking matters. This allocation is also responsible for such details as parking permit printing costs.

Plant Operations receives the next largest allocation, which includes groundswork and receiving the largest budget allocation logistical services. This primarily covers salaries and benefits received by Public Safety and clerical employees involved in parking matters. This allocation is also responsible for such details as parking permit printing costs.

This is a completely self-supported system based on an estimated number of permits to be sold," Marple said. "Anything to do with parking is paid by the parking fund."
Mustang ruggers kill Pomona Broncos, 40-0

By Jim Hawkins
Staff Writer

The Cal Poly Rugby team opened its winter schedule Saturday by crushing rival Cal Poly Pomona 40-0 in a non-conference match.

The Mustangs got off to a slow start, with Pomona controlling the ball most of the first five minutes. But a little after five minutes into the match, the Mustangs' Rob Lopez scored a four-point try, followed by Jeff Magwood's successful two-point afterkick, and Cal Poly SLO never looked back.

"We played great as a team. We really worked well together out there," said team spokesman Rob Frazier. "In rugby there can't be any O.J. Simpons, no superstars, we have to play well as a team or we won't play well at all." The Mustangs' win gives them a 13-9 edge in the series against Pomona, which has traditionally been one of the Mustangs' most emotional matches. San Luis Obispo also won the match last year by a large score, winning 30-3.

"They (the Broncos) just came back from a trip to Iowa where they beat both the University of Iowa and Iowa State," said Frazier. "I think their biggest weakness is their inexperience."

Mustang coach Roy Berelowitz was also impressed with the way See RUGBY, page 10
Eight members of the Cal Poly football team were named last month to the All-Western Football Conference teams.

Punter Kevin Emigh, defensive back Terrill Brown, linebacker Tom Gallo, and tackle Eric Tautolo received first team honors. Named to the second team were wide receiver Lance Carey, center Don O’Henley and linebacker BOSSelman.

Emigh, a junior, led the WFC in punting with a 43.1-yard average and was ranked among the nation’s best with good passes and strong defense.

Jeff Magwood kicked two field goals, including a 27-yarder, and Tom Smith handed out some of the game’s most vicious tackles, while Rob Swoboda reached the finals of the 100-year-old backstroke.

Almost swimming strong races for the women were Claudia Lynch, who swam the backstroke; and Barbara Carson, who reached the final heat of the 100-yard backstroke.

In the men’s division, it was Rich Swoboda and Steve Schiel who swam well for the Mustangs.

Swoboda reached the finals of the 400-yard individual medley, while Schiel didn’t reach any final heats but was able to better his times.

Kelly Hayes continued her impressive freshman season this weekend by taking a second and fourth place finishes at the UC Berkeley Invitational.

Including qualifying heats, each event consisted of about 100 swimmers from both Division I and Division II schools. Among the Division I schools were UC Berkeley and Stanford.

Hayes was clocked at 25.06 in the 50-yard freestyle to capture second place, and grabbed fourth place finishes in both the 200-yard individual medley and the 100-yard backstroke.

The freshman swimmer also had the top qualifying time in the 100-yard freestyle, though she didn’t compete in the final heat. Hayes, the first Mustang from Berkeley and the qualifier from Stanford each had to swim from the sixth heat.

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his team played. "We still have work to do, but they played excellent, better than I expected," he said.

Frazier emphasized that the Mustangs are still working on the basics of the game this early in the season, and will not be at their best, or at least their most sophisticated, for several more weeks.

Several ruggers had outstanding performances for the Mustangs, who appeared stronger and faster than the outmatched Pomona club, and were able to score almost at will in the second half.

Rourke Schultz scored three four-point tries on some excellent running as well as contributing with good passes and strong defense.

Jeff Magwood kicked two two-point afterkicks, as well handling out one of the game’s most vicious tackles, while Rob Swoboda reached first for the Mustangs to get things started.

Art Tracewell showed blazing speed as he outran several Pomona defenders for a successful try, and Tom Smith contributed a two-point afterkick in addition to showing the crowd some flashy running and passing throughout the match.

The Mustangs will be in action again on Saturday when they travel to Loyola Marymount for another non-conference match. Cal Poly will begin conference play later this month.

Swimmers fare well in Berkeley meet

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NCAA TOP 20
REVENUE
From page 8
mainstays of parking lots.
Parking utilities, costing an estimated $7,500 yearly, are also
purchased through the CSU fund.
Financial operations include
employee positions in financing.

TICKETS
From page 8
spaces available, according to
Rex Wolf of Plant Operations, and
Public Safety has only three.

The current ratio is 1.86 permits
sold for each parking space.

staff parking officers and seven
student assistants on patrol.
"Part of the reason rumors
started," said Whitmer, "is we
do not physically have time
to check for permits on all cars."

Complaints about the lack of
availability of parking on campus are
frequent. Schroeder attributes this to the
fact that the university oversells parking
permits. The current ratio is 1.86
permits sold for each parking
space on campus, he said.

"Because they purchase a
parking permit, students think
about parking space on campus,"
said Schroeder. "If they have
just a license to look for a spot."
MASH

From page 1
from 1944 to 1946. He later received his master's degree and doctorate at Stanford University.

Mash was a registered professional engineer in both California and Oregon. His industrial background included applied research and engineering responsibilities at McDonnell Douglas Astronautics Co., Fannin Metallurgical Corp., Standard Oil Company of California and U.S. Steel Corporation. He began teaching at the University of Portland in 1970, where he developed a comprehensive engineering program emphasizing cooperation with local industry and community colleges.

He later became the university's dean of engineering. In 1976, he taught at Portland Community College until coming to Cal Poly two years ago.

Mash had been a member of the Sigma Xi Scientific Research Society, the American Society for Metals, the American Society for Engineering Education and the National Society of Professional Engineers. He also had more than 25 technical books, contract research reports and journal articles published.

Mash's colleagues agree that he was a loyal teacher and friend. "I enjoyed working with him," said Jack Wilson, a mechanical engineering professor. "Don had a lot of depth to him and students sensed that he cared about them." He added that Mash was also a dedicated family person and the three things that were important to him were his family, the church and his work.

He is survived by his wife, Katherine E. Mash of San Luis Obispo; two daughters, Jane Ann Mash of San Luis Obispo and Susan Elizabeth Mash of New York; one brother, Eugene Mash of Merced and one sister, Vivian Siegfried of Sacramento.

SATellite

From page 1
and associated cabling and controls is $4,000, Tibbetts said. This is a little less than 25 percent of the Audiovisual Services new equipment budget for 1987.

AV Services plans to install the satellite dish on the ground, at the northwest corner of the Business Administration and Education Building. "These types of satellite dishes function better on the ground," he said.

"Audiovisual Services must present the site location plan for approval, due to the aesthetics of having a satellite dish on campus," he said.

AV Services decided to purchase a satellite dish at the request of instructors who use the existing cable system and are aware of the additional programming available through satellite, Tibbetts said. The new system would be an additional source of programming to the films, cassettes and local cable reception already available for instructional purposes.

The existing cable system on campus consists of underground cables connected to each classroom, which are linked to each classroom. This cable system provides 90 percent of the programming used by instructors.

The satellite television receiver would improve the quality of master video tape programs that AV Services tapes off the air for classroom use. A system for receiving off-campus programs will also be available. These programs are interactive and require a television in the viewing room. AV Services will tie this system into the existing campus cable network of classrooms, conference rooms and many laboratories will receive programming directly.

The new satellite dish will also provide viewing of educational programs as they are being aired. The system will be a receiving-only site.

There hasn't been a definite decision made on what type of satellite dish will be purchased, but Chaparral is one brand name AV Services has been investigating.

FEE

From page 1
3,000 students per year drop from school when a mid-year increase occurs.

"The Administration has been put into a tough spot," said Swanson. "They can do one of two things: they can cut faculty and classes, or they can raise fees."

Swanson believes that other methods of saving could be suggested to the Board of Trustees, including utility and special reserve funds, and possible Lottery funds. There are $8 to $10 million in unallocated Lottery funds, said Swanson, but these funds arrive sporadically.

But James Landreth, vice president for Business Affairs at Cal Poly, said that while the administration is open to suggestions, he sees no other way for the CSU schools to abide by Deukmejian's demands for reduction.

It is Landreth's suggestion that the CSSA and the CSU Board of Trustees set an agreement that would ensure that the surcharge be implemented and contain a clause that specifies the retraction of the fee on a certain date.

BOUNCERS

From page 5
All agreed that people-bouncing is a good job, although its much more than hired muscle. "We're dealing with thousands of dollars," Bellamy said. "We've been popped for having minors in our bar and if it ever happened again we could stand to lose our license for like 30 days, and that's a major chunk of money."

"It's been a great school job," added Bellamy. "You make money, you meet people, your hours are good. There's a lot of advantages to it."

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