Cal Poly's old fire department getting new look

BY BOB BERGER

Amid the bustle of the creation of Cal Poly's new complexion a face lift of an old institution is in progress.

Access to the construction site of the faculty offices is the three engine barn of the Poly fire department.

Almost as old as Poly itself, the Fire Department has been a part of campus life since 1906.

"They used to ring the bell in the clock tower when there was a fire and the volunteers would run down to the tower and grab a hose," said Chuck Branco, campus fire apparatus engineer. He's one of four full time engineers hired to help supervise the student firemen.

Since 1906 the student body has taken an active part in running the fire department.

"It's just been in the last ten years that we've been under contract with the State," said Carmen Johnson, a Fire Captain in the California Department of Forestry. "We're here to supervise and train the students to handle the equipment and emergencies."

The quality of equipment has improved with the increase in the student population at Cal Poly.

The most recent addition to the fire department's staff is the "Little Squirt." The Squirt is a pumper truck with a jet nozzle attached to the top of a 50 foot ladder. The ladder is controlled from the truck and is capable of reaching windows 75 feet off the ground with a powerful stream of water.

The new truck cost $107,000 plus another $16,000 in additional equipment. With the addition of "Little Squirt," the Poly fire department outgrew its old two engine barn. Captain Johnson feels that the improvements are worth it. "This is a city within a city. It just makes sense to have a department that's wholly responsible to the students," said Johnson.

"Little Squirt" the latest addition to Cal Poly's firefighting arsenal was commended for its part in the containment of a Templeton grainery fire in August. Along with two other trucks and 15 men, they comprise the Cal Poly fire department.

People flock to Cal Poly to celebrate Turf Day

BY VICKI MILLER

In a far corner of a Cal Poly parking lot, a group of about 60 people gathered to ogle a one-foot-square patch of grass. Was it a marijuana bust? No, it was the second annual Turf Day, October 2.

Students, teachers and horticulture workers from the San Luis Coastal Unified School District and the Parks and Recreation Department wound their way through the Cal Poly campus between 3:30 and 3 p.m. watching demonstrations and lectures on how to have a "healthy turf." Students and teachers filled every spot next to a demonstration to learn how to water their lawns. Demonstrations covered seed vigor, how to make turf wear and remove a sprinkler head. The emphasis for Turf Day 1980 will be on more turf irrigation, said Dr. Ken Kline, Ornamental Horticulture Department member. There are several big turf shows around the state but he felt only maintenance men go to these shows.

"These are for the men who are out doing the work," he said.

"One advantage of using a willow is that the leaves fall off and no one will know what happened until spring," said Gaskin as he dug an ax in the willow's protruding roots, to the crowd's amusement.

Eugene Haugh, a Cal Poly tractor operator, demonstrated an irrigation head he designed which the state bought for $99. Haugh crouched on wet grass and removed a sprinkler head demonstrating his invention at work.

"There is some effort to it, but I don't get a hernia from it," he said.

Turf Day participants also viewed the results of different fertilizers and the effectiveness of "Lucky," a Dalmation owned by the Department's first woman fire fighter. But when Laura Remsen left, so did Lucky.

"We miss Lucky, but he still comes by to visit us from time to time," said Johnson.
Campus alcohol

The sale of alcoholic beverages on campus is a newly relevant issue in view of the recent change in administrations at Cal Poly. President Watters, commenting on his belief that alcohol on campus does not present a problem unless otherwise be present. People who want to drink, contrary to authorities? drink? Won't it promote disorder and disobedience to campus enforce anti-drinking regulations in the dorms?

This fall. Sacramento just started allowed alcohol for about two years. Where alcoholic beverages are sold to students, said no serious served and consumed in the beer garden—no where else. A few drink could do so without presenting opportunity to under-age multitude of problems. It is true that objections might be raised "wet," in spite of the fact that such a change might bring a administration to protect people from the "outside world." 

Similarly the policy at Cal Poly to forbid the sale of alcohol may invite disrespect toward authority on campus which would not otherwise be present. People who want to drink, contrary to regulations, find a way to do so. The fact it is prohibited can actually create an atmosphere in which rebellion and defiance of regulations on authority is admired. If Cal Poly were to change its alcohol policy to permit consumption on campus, that atmosphere would be eliminated. At least, no problems with disruption would spring up beyond those that already exist. That much has already been seen at those campuses in the California State University and Colleges system that permit the consumption of alcohol. 

Administrators at the Sacramento and Northridge campuses, where alcoholic beverages are sold to students, said no serious problems related to the sale of drinks had arisen. Northridge has allowed alcohol for about two years. Sacramento just started this fall.

But wouldn't the sale of alcohol on campus make it difficult to enforce anti-drinking regulations in the dorms?

If managed correctly, allowing alcohol to be sold at Cal Poly would make it easier to regulate its use. To accomplish this, alcoholic beverages could be sold in a "beer garden." Such an establishment would provide a place where those who wish to drink could do so without presenting opportunity to under-age friends. Beverages would be sold for consumption in the garden only—patrons would not be allowed to take beer outside.

Of course, present regulations barring alcohol from dorms and from other areas of the campus would stand. Alcohol would be served and consumed in the beer garden—no where else. A few local businesses in the city may lend themselves to such use—for example, the patio between the student cafeteria and the Sandwich Plant might be ideal.

Of course, it can be argued that a drinking establishment on campus would present just another distraction to students, especially to those who lack self-constraint where alcohol is concerned. But to protect people from a bad influence is not a good argument against alcohol on campus. There are enough drinking businesses within a few miles of Cal Poly that already can be a distraction to those so inclined. And it is not the business of the administration to protect people from the "outside world."

We believe it is worthwhile to sell alcohol at Cal Poly at least on a trial basis. If unmanageable problems develop it would always be possible to put them on the faucet. We think it is apparent that the potential benefits of selling the dry law outweigh the imagined risks. College is an experience in which people should continue to grow up. If they are given the privileges of adults, students will take responsibility with those privileges—as adults.
Student's opinions of teachers to be published

BY MEG McCONAHEY
Daily Star Writer

Late November has been targeted as the date for publication of the Student Opinion Profile, editor Ted Hannig disclosed yesterday. It will be the second time that Cal Poly publishes a magazine with student evaluations of instructors. The first was released in the fall of 1978.

The opinion profile is a relatively new concept at Cal Poly, although other campuses in the CSUC and UC systems have been releasing similar publications for years, Hannig said.

The upcoming opinion profile, labeled Phase II, will be more comprehensive than last year's Phase I, which was a compilation of faculty responses to questions concerning professor's interests, hobbies, and grading procedures.

Phases II will also include student opinions of various teachers and their performances, how much they learned from the course, how easy were lectures to follow and how fair were grading practices.

Student responses to the survey, distributed last spring, were neither mandatory nor anonymous, Hannig said.

"I was surprised," Hannig said. "I thought they were going to be openly critical of something they didn't like or over-whelmingly in praise of someone they loved. The vast majority considered the question individually and treated it fairly. I was interested to see how much interest they had in doing so.

Hannig, who commissioned two years ago by former ASI president Paul Curtis to come up with a student opinion publication, is concerned that the evaluations be up-to-date, as well as fair and accurate.

To assure fairness, only students enrolled in a particular instructor's course during last fall quarter were allowed to rate that instructor. Because some respondents might or might not have followed the proper procedures, the survey had to be re-checked with admission, registration, and 40 students were enrolled in the instructor's course.

The verification procedure was conducted by computer using the student's social security number. Because respondents accidentally transposed numbers or left off digits, verification was even more difficult, Hannig said. The surveys with incorrect I.D. numbers were discarded in order to assure as much accuracy as possible.

Students were allowed to evaluate up to four instructors of their choice. Even with that kind of freedom of choice, 80 percent of the instructors at Cal Poly were covered, Hannig said, although some instructors got five to six times more responses than others. Most of those instructors who were the most heavily evaluated, were popular with the students.

Faculty response to the survey was poor Hannig said. He plans to re-circulate the questionnaire in hopes that more instructors will contribute.

By computer

Campus to try registration

BY KAREN HOUSTON
Daily Star Writer

A trial run of computer assisted registration will be used at Cal Poly winter quarter to acquaint both students and faculty with the new registration system. Full cooperation from both is needed, said Lottie Labhard, part time CAR worker.

Here is how Registrar Gerald Punches said the procedure will work.

Continuing students will receive a registration through their major departments. Full cooperation from both is needed, said Lottie Labhard, part time CAR worker.

The registration packets are returned by the computer center and receive responses from the students.

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Possible leak from nuke plant

RED WING, Minn. (AP) - Radioactive steam may have escaped from Northern States Power Co.'s nuclear generating plant near Red Wing Tuesday, an NSP spokesman said.

The spokesman said radioactive steam has escaped from a ruptured tube on one of the plant's generators. Ed Wath, in charge of security and radiation procedures at the Prairie Island plant, said the break was a small one and the Nuclear Regulatory Commission was not immediately notified of the incident.

Workers were taking a reading of radiation levels near the plant Tuesday afternoon, said the spokesman. NSP has twin 52-megawatt nuclear generating plants at Prairie Island, about 4 miles southeast of Farmington-St. Paul.

The company also has a nuclear power plant at Monticello, Minn., north of the Twin Cities.

Okay for Philippine nuke plant

WASHINGTON (AP) - Carter administration officials say preliminary approval has been granted for the export of a key part of a controversial, $1.2 billion nuclear power plant in the Philippines.

The export license still must be approved by the U.S. Nuclear Regulatory Commission, which is supposed to consider environmental issues.

The State Department said it has approved an export license for the stainless steel vessel for the reactor, which is to be built about 50 miles west of Manila.

Environmentalists have charged the plant will be unsafe because of the possibility of volcanic eruption.

State Department officials said they did not pass judgement on the environmental question. Their job was to determine whether the reactor would add to the possibility of nuclear weapon proliferation. They decided it would not.

HEARING ON OPEC PRICE FIXING

LOS ANGELES (AP) - Evidence alleging domestic fuel costs are linked to OPEC price increases may be reviewed by the federal judge who dismissed an anti-trust suit against the cartel.

District Judge A. Andrew Hauk said Monday he will rule on a motion to reopen the case Oct. 15 and hear evidence on price-fixing policies.

Davis also claimed the I AM now has evidence that OPEC makes deals in the United States.

Davis said the evidence that OPEC makes deals in the United States means the cartel should not be exempt from U.S. anti-trust laws.

MEXICO CITY (AP) - Citing U.S. refusal to pay Mexico for the sailing of the Mexican Valley, President Jose Lopez Portillo says Mexico "will pay nothing" for the damage to the Texas coast from the runaway Ixtoc I oil well.

"I told the government of the United States - and I tell the people of Mexico - that if the U.S. government did not pay for damage to the Mexican Valley, Mexico will not pay for damage in the Gulf of Mexico," Lopez Portillo said Monday.

Lopez Portillo spoke to an estimated 100,000 Mexicans in downtown Mexico City. "We want justice. The U.S. government is responsible, it will pay."

The Foreign Ministry also announced that the U.S. General Attorney in Washington was appointed to represent Mexico.

The Foreign Ministry denied a report in the New York Times that Lopez Portillo in his meeting with Carter agreed their governments would discuss Mexican payment for damages caused by the oil well spill.

The Mexican president also said he had talked with Carter about his efforts to rebuild the environment of the Mexican Valley.

The Foreign Ministry said references to the payment of damages were deliberately excluded from the talks in Washington.

Animators defect from Disney

HOLLYWOOD (AP) - Disney officials said Wednesday that Don Bluth Productions has signed a deal with the studio's animation department.

Disney officials said the move could create a six-month delay in the release of the studio's current animation project, "For Pete's Sake.

The artists felt hampered by the corporate structure of the studio. He had also been director of animation at Disney.

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Nancy Lee takes the risk first, crossing a bridge her team has just improvised. Each team had to meet the challenge of this simulated "blown-out bridge."

Members of the Cal Poly ROTC unit stand by to help as Bill Skeehan goes over the edge. About 25 participants rappelled down the sheer face of the cliff.

New skills, challenges taken in at ROTC fun day

BY MARY ANNE GILPATRICK
Daily Star Writer

I backed over the cliff and fell. My legs turned to rubber as I dangled from a rope. The wind howled through my ears and filled my lungs. The sun dazzled over my eyes. I was 55 feet in the air. The sound of my heart sounded like a car engine. After an ROTC climber pulled me back to the top, I went down the rock face again, this time more careful of my footing.

Once at the base of the cliff, I stared in disbelief at my accomplishment. I had conquered my fear, using newly acquired skills to rappel down a slick mountainside.

Mary Malt Witter

This feeling of accomplishment and confidence was what the Cal Poly ROTC fun day was all about. A group of ROTC members organized the Sept. 29 event to acquaint Cal Poly students with their program.

Students learned mountain climbing knots, safety tips, commands and rappelling. Students rappelled down a 15 foot cliff, then went over a 55 foot cliff. With each trip down, fun and games paused briefly while newcomers looked over army equipment and learned a little about the Cal Poly ROTC program.

Students learned mountain climbing knots, safety tips, commands and practiced rappelling down a 15 foot cliff before attempting the 55 foot cliff rappel. Once they had conquered the higher cliff, most students made the rappel again and again, feeling more confident each trip down.

Fun and games paused briefly while newcomers looked over army equipment and learned a little about the ROTC program. Students practiced rappelling down a 15 foot cliff, then went over a 55 foot cliff. With each trip down, fun and games paused briefly while newcomers looked over army equipment and learned a little about the Cal Poly ROTC program.

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**Consumer**

Brown signs legislation

**Californians to save $500 million under new bill**


That may be the most head-turning bill of dozens whose signings were announced Monday by the Democratic governor's office.

The income tax bill, AB376 by Assemblywoman Marizan Bergeson, R-Newport Beach, "indexes" the tax to taxpayers from being forced into higher brackets by cost-of-living pay raises.

The legislative analyst's office says that will save the taxpayers $35 million in fiscal 1980-81 and $31 million in 1981-82, an average of about $52 per return. Brown's office gave different amounts: $18 million the first year and $320 million the second year.

State tax officials predict the measure will save a family of four with an income of $20,000 about $16 when they file a $5900 tax return early in 1981.

A last-minute amendment repealing full indexing after two years unless renewed by the Legislature, was added to the bill after Brown warned that permanent indexing could force a tax increase.

Republican and some Democratic members have pushed for full indexing for several years, complaining that inflation was giving the state a backdoor method of raising taxes. But indexing bills failed for several reasons, including complaints that it would give most relief to higher-income taxpayers and limit state revenue in future years.

Brown also signed AB66 by Assemblyman Bill Lockyer, D-San Leandro, removing the last vestige of the tax debt and other business levies.

It also repeals a litter tax on business, providing about $3 million a year from the state general fund to make up for it.

Critics complained that the inventory tax was, controlled by California jobs by enacting a tax on businesses. The inventory tax was, 5 percent of all the lost $1 million inventory tax by raising other business levies.

The AP drew up a random list of three companies, customers who purchased a food store, and found and checked the total rise in grocery prices.

The marketbasket total went up at September at the start of the new year to over 6 percent, one-third of the total rise for the first three-quarters of the year, was the third year in a row that saw price increases,怨ning the 7 percent in 1979 and the 9 percent in 1978.

The increases were sharper than normal price hikes and on an overall basis, the marketbasket bill rose by four-tenths of a percent during September. That compared with an average of increase of one-tenth of a percent in August.

Since Jan. 1, the marketbasket bill has risen by an average of 9 percent at the checkout store. Food prices generally have been rising about 2 percent faster than non-foods.

During September, several non-food items, for example, non-foods accounted for only 8 percent of the increase, but meats, they represented 21 percent of the items on the list.

Coffee prices down, meat up in survey

Choose the Texas Instruments calculator that's right for your major

- **Texas Instruments technology** bringing affordable electronics to your fingertips.

When you're working in a specialized field, you need a specialized calculator. That's why Texas Instruments designed the **Slimline Business Analyst-II** for business and finance and the **Slimline TI-50** for science and math. Each provides the tailored power and the reliability you'll need as you learn to solve the problems that may be the most demanding.

**Slimline Business Analyst-II**

Sleek LCD calculator with versatile business capabilities.

Solving financial problems with the **Slimline Business Analyst-II** can make working with your old calculator seem like pencil and paper arithmetic. The functions required to perform many common business, financial and statistical calculations are built in to help you make quick, accurate evaluations of your testing and business situations.

Special financial keys are used to handle time and money problems such as compound interest, annuity, mortgage payments, investment yields, amortization schedules and more.

Statistical and linear regression capabilities provide the power you'll need to boil down data and automatically handle problems such as sales and earnings forecasts.

Profit margin calculations, cost, selling and price margin can be performed quickly when any two of the variables are known. Other features include a four-function data register with Constant Memory feature that retains its contents even when the calculator is turned off. Two miniature batteries provide up to two years of operation in normal use. And TI's APD** automatic power-down feature helps prevent accidental battery drain.

The **Business Analyst-II**, with detailed owner's manual and slide-rule vinyl wallet with perforated for notes. $45.95.

The **Slimline TI-60** packs 60 powerful functions into a handsome, compact package.

The pocket-sized **Slimline TI-60** is a remarkably powerful LCD slide-rule calculator. Yet it's as thin as a pencil and weight only three ounces. Its 60 versatile functions can help you handle a wide range of college math problems. Capabilities include common and natural logarithmic, trigonometric operation that can be performed in three angular modes (degrees, radians or grads). Two constant memories that retain their contents even when the calculator is turned off. And more.

Seven built-in statistical functions simplify the task of boiling down large sets of data and automatically handle problems that may be the most demanding.

The **Slimline TI-60** includes a detailed owner's manual and a durable vinyl wallet, $49.95.

Make sure your next calculator has the specialized power to handle the problems unique to your major. See the latest listings.

The **Slimline TI-60** is the calculator of choice by colleges and universities today.

**Pole fire caused power outage**

area early Monday morning was due to a pole fire caused by a circuit lockout, said a Pacific Gas and Electric spokesman.

Power went out at 5:23 a.m. Oct. 1 said Dave Vega, PG&E area customer service supervisor.

The outage effected 1,160 customers in the downtown area from Santa Rosa Blvd. to Palm St., Palm St. to Foothill Blvd. and including Cloverdale. Vega said power was restored by 7 a.m. to all but 10 customers, and was completely restored by 10 a.m.

**Don't Miss Talking to the Hughes Recruiter Visiting Your Campus Soon.**

Contact your placement office for interview dates.
Poly health

BY ANDREW JOWERS

Students suffering ill-traits by non-prescription drugs can spare themselves a trip into town plus a fair sum of money by visiting the campus Health Center, said Darrell Bennett, registered pharmacist at the Cal Poly pharmacy.

Because of the buying power of a large public institution such as Cal Poly, the pharmacy, situated in the Health Center at the south edge of campus, can buy drugs cheaply as wholesale. Bennett, said, students pay only a percentage of the cost, the difference being made up from other monies, said Bennett.

"We purchase based upon the quality and efficiency of the product, trying to maintain highest quality at the most realistic price we can," said Bennett.

He added that some nationally advertised drugs fall short of the pharmacy's quality standards, and therefore he often purchases less-well-known but more effective alternatives.

"We avoid products that are charged beyond their therapeutic usefulness—charging for more than the product actually is," Bennett said.

"There's no need to carry 10 different aspirins," he said.

The pharmacy is open 8 a.m. to 5 p.m., Monday through Friday.

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Cal Poly Pharmacy prices

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>house aspirin</td>
<td>$ .70/200 tablets</td>
</tr>
<tr>
<td>Tylenol</td>
<td>$ .75/100 tablets</td>
</tr>
<tr>
<td>Afrin</td>
<td>1.20/15 ml</td>
</tr>
<tr>
<td>Sudafed</td>
<td>1.30/100 tablets</td>
</tr>
<tr>
<td>cough syrup</td>
<td>.30 bottle</td>
</tr>
<tr>
<td>Pepto-Bismol</td>
<td>.70 bottle</td>
</tr>
<tr>
<td>Chlor-Trimeton (allergy)</td>
<td>1.00 bottle</td>
</tr>
<tr>
<td>multiple vitamins with minerals</td>
<td>2.00/30 tablets</td>
</tr>
<tr>
<td>Capsetrol throat lozenges</td>
<td>.40/9 tablets</td>
</tr>
<tr>
<td>Vialene eye drops</td>
<td>1.20/15 ml</td>
</tr>
<tr>
<td>Tinactin Solution (athlete's foot)</td>
<td>2.00/10 ml</td>
</tr>
</tbody>
</table>

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Campus Interviews

Mechanical Engineers

TI Equipment Group

In the Equipment Group at Texas Instruments, Mechanical Engineers apply mechanical engineering principles to the design and fabrication of a broad range of electromechanical systems to meet customer specifications.

**Responsibility**

In the Equipment Group at Texas Instruments, ME's are encouraged to take responsibility from the start. Your realm of responsibility may include not only the total mechanical integrity of a specified segment of a system or the conceptual design, but also the coordination of activities and resources to bring forth the realization of the design.

**Variety**

In the Equipment Group at Texas Instruments, ME's are part of a "Special Team" involved in a variety of job activities:

- Conceptual Design
- Heat Transfer Analysis
- Stress Analysis
- Mechanism Design
- Machine Design
- Vendor/Customer Interface
- Electro-Mechanical Package Integration
- Infrared Detecting Systems
- Missile Guidance and Control Systems
- Airborne & Ground-Based Computer Systems
- Airborne Military Navigational & Tactical Radar Systems
- Air Traffic Control Radar Systems

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TI offers potential for advancement by upgrading your technical expertise through company supported course work and project experience.

Advancement into a supervisory management role is encouraged through TI's internal training programs by:

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- Upgrading Technical Knowledge

**Environment**

TI lets you show how good you are. If you want a move-up environment, a place to show what you can do, there's no place like TI.

The TI Job Opportunity Bulletin, published weekly, lists openings at all TI locations and gives TI people first crack at them. You determine your career path.

You are needed right now. Our project teams are seeking good college graduates who can grab hold fast.

**Interviewing on Campus**

October 17-18

If unable to interview at this time, send resume to: College Relations Administrator, Equipment Group/Texas Instruments, P.O. Box 226015, M. S. 222/Dallas, Texas 75266

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Texas Instruments INCORPORATED

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Randy Hansen's Machine Gun Invades the Central Coast Theater tonight with two shows at 7 and 10 p.m. Tickets for his "Tribute to Jimi Hendrix" are $10,250 on File — All Academic Subjects

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MOPEDS U.S.A.
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Grover City, Calif.
The Moped Specialists on the Central Coast

OAKLAND (AP)—Limited rail service for some Bay Area Rapids riders—mummers—the first in more than a month—has been promised to begin Thursday.

Randy Birch, an NBC-TV cameraman and crew member, said early today:

"It wasn't a case of anything being wrong," Birch said.

"The four crew members were taken to St. Rita's Medical Center in nearby Lima where Vera Siemens, only woman aboard, was treated for a broken leg. She was listed in fair condition. The three other members, including Fred Hyde of Providence Village, Kan., were not injured, authorities said.

The balloon flight.

"It was a case of the weather clearing up," Birch said. "We got within 1,000 feet of the ground and the thunder and lightning were taking it over. No sense prevailed."

"Every one of the people here spoke with one of the crew members," said Lesley Edwards of Weather Service Corp., the command post in Bedford, Mass.

Earlier, the DaVinci's flight command post in Bedford Mass., said it believed the balloon had gone down northwest of Spencerville, near Van Wert.

"We were taking the balloon over the state line and itnaditation," Birch said. "It's just didn't look good. There were a lot of mixed reactions about what ought to be done. Common sense prevailed."

The four crew members were

JET

MOPEDS U.S.A.

Sunday, October 7, 1979

Chumash Auditorium
BY PIPER PARRY
Daily Trojan Writer

Consistent, diligent, and determined are the kinds of adjectives used by his coaches and fellow players to describe Mike Daum, Mustang offensive tackle.

"I feel I can play against anyone after playing with him. He's the player I've ever had. He's just a mass coming off the line," said Daum's father, "I admire him, but no, I don’t play like him.”

The Wisconsin born tackle started his parents as his idol, it would have to be Conrad Dobler, who also played from Twenty-nine Palms High School, said Daum.

"I admire him, but no, I don’t play like him.”

"I just want to get there and play in one preseason game. To say I played in one preseason game would be a realistic goal. "

Gilmartin said about Daum, "My goal is just to have a letter grade high enough to make the team and work toward the March 1981 draft. The 6'6" tackle, schooling left, Daum is here actively seeking Computer Science and Electrical Engineering majors and CA is expecting its greatest growth in the years yet to come that’s why we are here actively seeking Computer Science and Electrical Engineering majors and CA is expecting its greatest growth in the years yet to come.

You Were In The 3RD Grade When We Started...

COMPUTER AUTOMATION!

The year was 1967. You’ve changed quite a bit since then. Where your attention was once focused on baseball cards and the next recent, now your concerns are finishing college and looking ahead to a career.

Microcomputers remain the backbone of our business but of late we’ve directed a strong and significant effort into industrial products commercial services and the international marketplace. There is much happening in the world of computers, and CA is expecting its greatest growth in the years yet to come. That’s why we are here, actively seeking Computer Science and Electrical Engineering majors.

Even a third grader could tell you this adds up to a wide range of challenging career opportunities. Our small group environment creates an ideal setting for you.

You can find out more about the opportunities at Computer Automation. Contact your Placement Office for further information.

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By Pied Piper

BY PIPER PARRY
Daily Trojan Writer

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Cal Poly runner has found his place in the country

In this mad sprint to the finish, left to right, Manny Bautista, Roy Kissin of Stanford, Eric Huff and Terry Gibson go by Coach Steve Miller, who urges them on. Huff outleaned Bautista, while Gibson cruised by Kissin. The finish line is about 20 yards in front of them.

BY GREGOR ROBIN
Daily Sports Editor

Terry Gibson has moved from first man on Glendale Junior College's cross country team to fifth man on Cal Poly's team and he couldn't be happier.

"I've found my niche," the 20-year-old landscape architecture major said Tuesday. "I found the program to develop my talent, plus the people I like to run with. I'm on the team and now it seems like I'm going somewhere."

After taking second in the 1978 Junior College State Meet; Gibson said he realized running for a junior college can only attract statewide recognition. There is no national junior college meet.

Now that he is at Cal Poly and running for the National Champions, Gibson said he is enjoying the competition more.

"You really enjoy it when you've got something to work for," he said. "The challenge here are totally insurmountable."

And that they are. The four men in front of him have all received national recognition in both cross country and track. The runner doesn't look at this as a hindrance. He said it is what he needs.

"A coach can give you something to do, but if you don't have guys like Jim Schaudt, Danny Aldridge, and Manny Bautista, then you can decide how much you want to get out of practices. With those guys they present a challenge."

The Cal Poly team is sure to challenge anyone they face in cross country competition, and Gibson said he sees a repeat of last year.

"We can give just about anybody a run for their money," he said. "I think we'll be national champs again."

Gibson earned his spot on the team with his seventh place showing at the Fresno State Invitational on Saturday, Sept. 29. His time of 31:24 was one second behind third man Eric Huff and even with Manny Bautista.

He said the last 200 yards were the high point of the race for him.

"I had three people in front of me. I started kicking and got two of them. Roy Kissin of Stanford and I came up on top of Manny and Eric and then we all kicked like mad," Gibson, who lives in Grover City, said he likes his situation in San Luis Obispo, and will be here awhile.

"It's the best place I've ever seen to live," he said. "And considering the team I'm on, I have enough competition locally."

In order to provide improved service to students and campus personnel, the Foundation cashiering hours have been extended. Effective immediately the hours will be 7:30 A.M. to 4:30 P.M., Monday through Friday.

The Foundation Cashier is located adjacent to University Union, Room 212.

The Foundation will continue to have a $20.00, per day, per person check cashing limit.

O P TAKES SUMMER BACK TO SCHOOL

So you've traded your surfboard for the book pack. H2O for chemistry. Ocean Pacific keeps the sun on your shoulders with go-for-it activewear. The indispensible knit shirt in cotton/polyester, $22. Sport short with two front cargo pockets, $14.
**Sports**

**Angel manager not feeling playoff pressure**

**BALTIMORE (AP)**—California Manager Joe Fregosi says it’s not a life-or-death situation for the Angels in the opener of the American League playoffs against Baltimore, and the Orioles’ most recent postseason performance bear him out.

"I don’t feel we have to win the first game," Fregosi said of the Wednesday night game that is the best-of-five series. "It’s a very big advantage to win the first one, but if you lose it’s not over.

The Angels, winners of the AL West Division title for the first time, will be meeting a team that is in the playoffs for the sixth time in 11 years and holds a 12-4 record in league championship play.

But the Orioles, East Division winners with the major league’s best record of 102-57, have lost six of their last eight playoff games and have dropped both of their last two series—each time after winning the opener.

R Balboni, alongside an arm trouble much of the season, will start for the Orioles against another veteran righthander, Nolan Ryan.

Palmier, who finished 16-4, was picked over 25-game winner Mike Flanagan to start the opener because Manager Earl Weaver wanted the benefits of his experience under playoff pressure. The three-time Cy Young Award winner is 2-1 in post-season competition and says his arm "feels great. It feels just like it used to feel."

Flanagan, scheduled to pitch Game Two here Thursday, heads a staff that led the league with a 3.27 earned run average and maintains Baltimore’s tradition of strong pitching.

In the Angels, the Orioles’ pitchers will be challenged by a group of heavy hitters who averaged .281 as a team with 154 home runs.

"We’ve really been a high-hitting team until this year," he said. "Pitching and defense were always the Angels’ strong points before. We made up for it this year, though.

The Orioles, who won the season series from the Angels 5-3, go into the playoffs with a good physical shape except for outfielder Gary Roenicke. Roenicke was on the left elbow by a strike on the left elbow by a strike in post-season competition.

Fregosi said the Angels also are in a good shape, particularly among the pitching staff, and holds a 12-6 record in post-season competition.

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If you’re a junior or a senior majoring in math, physics, chemistry or computer science, the Navy has a problem about you.

It’s called the Nuclear Propulsion Officer Candidate-Collegiate Program (HUPOC-C) for short and if you qualify, you can earn as much as $73,000 a month sign-up bonus before you even enter Officer Candidate School. You’ll receive an additional year of advanced technical education. This would cost $120,000 or more at a civilian school, but in the Navy, you pay. And at the end of the year of training, you’ll receive $25,000 cash bonus.

It isn’t easy. There are fewer than 400 openings and only one of every six applicants will be selected. But if you make it, you’ll have qualifications that will open up options to a high-level hands-on responsibility. A $25,000 salary in four years, and gilded credentials for your future. If you decide to stay and the Marine, it can lead to another career opportunity.

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Rendezvous in Spain.
You're a software applications specialist.
When you picked this career, you never dreamed that one day you'd rendezvous in Barcelona, Spain with two Navy destroyers. But when your company is Texas Instruments and one of your customers is the U.S. Sixth Fleet, you learn to expect the unexpected.
The destroyers are equipped with Ti computers and they need new software fast. You come aboard and sail with the Fleet until your job is completed.
Not a bad assignment for a software specialist named Susie. You're glad you got into technology.

The Incredible Talking Chip.
You're an integrated circuit designer at TI. You've helped find a way to make a chip talk. Something no integrated circuit has ever done before.
First application: an electronic telemarketer. The talking chip's potential is mind-bending. The Joy Of Complication.
You're in semiconductor design at TI. You love it when people ask you what you do. You say, "I make complex things complicated." (Pause.) In fact, I got promoted recently for creating some major complications."
What you mean (but seldom explain) is this: the more active element groups (AEGs) you can put on a single chip of silicon, the more the average AEG cost goes down. In short, you make things cheaper by making them more complicated.
Your work made it possible for a Ti consumer product that sold three years ago for about $70 to sell today for $14.95.
Your future looks wonderfully complicated. You're at about 100,000 AEGs per chip now and 1,000,000 is in sight.
You're glad you got into technology.

The Salesman's Dream.
You're a TI sales engineer. You've got what is probably one of the most irresistible selling messages in the history of salesmanship.
It goes like this: Hold this TI-59 Scientific Calculator in your hand. Now, let's compare it to the most popular computer of the 1950s - the IBM 650.
The 650 weighed almost three tons, required five to 10 tons of air conditioning and 45 square feet of floor space. And it cost $200,000 in 1955.
Now look at the TI-59 Calculator you're holding in the palm of your hand. It has a primary memory capacity more than double that of the 650. It performs its principal functions five to 10 times faster. And it retails for under $300.
With a story like this, the hardest part of your job is holding onto your sample. You're glad you got into technology.

Outsmarting Smog.
You've always designed airborne radars for Ti customers. Now, all of a sudden you know your next radar design is going to stay at the airport on the ground.
It's on the ground that traffic controllers at Los Angeles International Airport have a problem. They can "see" incoming and outgoing airplanes on their radar just fine, so long as the airplanes are in the air.
But when the airplanes are on the ground - touching down, taking off, taxiing, parking - they are sometimes impossible to see and difficult to control.
Ground smog obscures them. You believe you have an answer to the smog problem. You dig out the plans for an airborne ground-mapping radar you helped design.
You adapt the design so the L.A. controllers at Los Angeles International Airport have a problem...that's why you're at TI, in Geophysical Service.
Tl explorer ships. Ti photo-geologic aircraft and Ti truck- and tractor-mounted vibrator systems are working all over the world. They're finding oil. And they're identifying areas where no oil exists, thereby saving huge losses in drilling costs.
Also, TI's worldwide computer network and its Advanced Scientific Computer is making 3-D recording and processing possible. This exclusive exploration technique is the only practical way to unscramble "no-record" areas over land and sea.
You're a happy sleuth. You're in on the biggest hunt in history. And your team is out in front.
You're glad you got into technology.

Six stories, one plot:
The Romance of Our Age is Technology.

If you're not in technology yet, think it over.
If you are in technology, talk to Texas Instruments.

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Campus Interviews
Oct. 17-18

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- Advanced Scientific Computers
- Digital seismic data acquisition systems
- Air traffic control radar and Discrete Address Beacon Systems
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- Radar and infrared systems
- Guidance and controls for tactical missiles
- Worldwide geophysical services
- Clad metals for automotive trim, thermostats, and electrical contacts
- Interconnection products for electronic telephone switching systems
- Temperature-sensitive controls for automobiles and appliances
- Keyboards for calculators and for many other products

Send for the 34-page picture story of TI people and places.

Write: George Berryman, Texas Instruments Corporate Staffing, P. O. Box 225474, M. S. 87, Dept. CG, Dallas, Texas 75265

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