Poly perfects tomato power  
Researchers dispose of agricultural waste and create lucrative method for producing energy

By Carolyn Duvall  
Staff Writer

Waste disposal is an ever-present problem in our society, and agricultural waste is no exception. If waste can be used constructively, then part of the disposal problem is solved. New research at Cal Poly is turning waste into energy and solving several problems in the process.

“One of the biggest issues the food processing industry faces is what to do with waste,” said Douglas Williams, agriculture engineering associate professor.

Tomatoes unfit for the market shelves are being used to generate methane gas that will eventually replace natural gas in tomato processing plants. Using tomatoes to generate methane is of great value to growers and packers as it provides an easy, money-saving disposal method for the excess tomatoes. Normally, packers must pay $1 per ton and truck fuel costs to haul away the bad tomatoes. If they use the methane-generating system to replace the usage of natural gas for heating needs, the bad tomatoes produce $3 per ton in energy costs.

A small scale model of the process is set up in the food processing lab. It consists of ground tomatoes mixed equally with water and put into a large flask immersed in warm water. Then, a little sewage sludge is added to the mixture because it contains the bacteria needed to digest the tomato mixture. The bacteria convert the sugars to methane.

The temperature of the water around the flask must be held at 35 degrees Celsius (about 102 degrees Fahrenheit). Tomato puree is added daily through a top feeder tube to produce a continuous flow of methane.

“A tomato is 94 percent water and 6 percent solid. The solids give the methane, but the bacteria work best in the slurry,” said Williams. “Some things are really neat, and some things are a bear to get through,” said Scott Larwood, aeronautical engineering major. “The temperature of the water wasn’t quite right, and we didn’t happen, -at- least - not -Satur--

Nutritional info to hit Dining Hall

By Kristie Kuechler  
Staff Writer

Dining Hall eaters who wonder what is in the food they are being served don't need to wonder anymore. Foundation Food Services, the Health Center and nutrition peer educators are working together to provide students with practical nutritional information. Every Wednesday from 5 to 6:30 p.m., a booth staffed by nutrition educators will be set up in the Dining Hall.

The nutrition educators are upper-division dietetic majors who have taken courses to become more informed about all aspects of nutrition. They are there to help the student choose the right foods. See NUTRITION, page 4

Co-ppter club members can't get a rise out of their experiment in Long Beach

By Joan M. Halpin  
Staff Writer

“Some things are really neat, and some things are a bear to get through,” said Scott Larwood, assistant project manager of the Cal Poly American Helicopter Society.

Members of the club packed up their human-powered helicopter this weekend and transported it to the McDonnell Douglas aircraft hangar in Long Beach for testing.

The club members were hoping the craft would be the world's first documented human-powered helicopter to lift off the ground, but it didn't happen, at least not Saturday. Sunday's results were not available at press time.

Copter club members can't get a rise out of their experiment in Long Beach

By Lynne Hasselman  
Feature Writer

The University Union soon could be receiving its new fitness center to take the place of the bowling alley next quarter.

The plans for the project were approved by the state fire marshal on Nov. 6 and are now going to the Chancellor's Office for final approval.

“It took a long time to get through the fire marshal's office, but he determined that we did not need to include sprinklers, which would have been an expensive addition,” said Ann Nebiker, the Union recreation chairman on the Union Executive Committee. “We expect the project to go through on schedule now.”

The design and conception of the project were done by architecture and construction management students.

“There was a lot of students and staff input on the project design,” said Nebiker. “There is a real need for a facility like this on campus and I think it will get a lot of use by the students.”

Roger Conway, executive director of ASI, said, “Since students did almost all the work, with the exception of the heating and electricity, we cut about $75,000 of our budget.”

The estimated cost of the remodeling is more than $198,000 and will be used to renovate three areas.

“There will be a small office complex that will house the Rec Sports coordinator and student staff,” said Conway. “The second area will be used for weight training and there will also be a dance studio to be used for aeronautics, cheerleading and the martial arts.”

Love shopping

Looking for a date? Maybe the grocery store should be your next stop — you just might get warmed up in front foods. See COPTER, page 4

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EDITORIAL
We may be slow, but at least we’re trying

Our campus may soon be released from the enslaving grip of CAR registration. The Student Senate on Wednesday, after months of discussion, decided that campus telephone registration become a reality by winter 1989. It can’t come too soon for us.

The new system would let students know their exact schedule during the course of a simple phone call; not just the schedule they requested, but the actual class list. If a class was “filled with classed capacity” the student can choose a backup class instead. This instant ability to make schedule changes will not only benefit the first week of every quarter.

But it also presents a problem: students may not be prepared to suddenly change their schedule when they call, and thus tie up the phone lines. The solution to this is simple. When students call in, they just need to be ready with a couple of classes to substitute in case one of their selections is full.

In truth, this is all just a dream now. This simple-saving system is normal for some CSU campuses. But for the CSU campus most well-known for its scientific and engineering activity, this simplicity is high-tech stuff. At least it’s a dream that our ASI is making a high priority. And we think their priorities, for once, are right on target for the student body of this university.

Letters to the editor

Facts smack of information lack

Editor: I would like to respond to Helen Sanjume’s article which appeared Nov. 16. Opinions can only be as strong as the individual’s statement. Intellectuals will write every argument she states is unfounded convinced by Sanjume’s statements. Almost majority of the world believes? Helen, you haven’t made any statement that would counteract my claims.

By talking over the phone to a human being in front of a computer, for the first time students will actually participate in the selection of their own course. If a class is “filled with classed capacity” the student can choose a backup class instead. This instant ability to make schedule changes will not only benefit the first week of every quarter.

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Convoluted logic wounds integrity

Editor: The already questionable integrity of the Mustang Daily has been further damaged by the Nov. 18 Associated Press article “Ignorance about geography growth.”

Asking students to locate “… Columbus landed, the world’s third most populous country and the United States’ leading trade partner” is not the same as asking “locate the eastern Caribbean Sea, the Soviet Union and Canada.” What was William Pazo (the Fullerton professor who administered the test) testing the students on? Geography? Or history, social science and economics? All he needed was a multiple choice question to make his game of Trivial Pursuit complete.

This type of convoluted logic put those questioned in a manipulated double jeopardy: if they didn’t know the leading U.S. trade partner, they therefore didn’t know where Canada was. Mr. Pazo’s questions are as relevant for a geography test as reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter is in order to get a reading on their gas meter 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State

Officials: AIDS antibody test error-prone and inconsistent

SAN FRANCISCO (AP) — An AIDS antibody test being used by a private clinic is error-prone and incapable of determining for certain whether a person has the virus which can lead to the fatal disease, according to health officials.

A clinic run by Dr. Timothy Sankary offers same-day results of the ELISA antibody test for $49. Most people are told they are free of the HIV virus and are sent away with a "Security Certificate" to offer as assurance to potential sex partners.

The rest, however, are told their lab results are inconclusive and that additional testing and counseling at a cost of another $140 will be required.

"This guy gives one test," and a person testing inconclusively "automatically assumes they are positive," Evans said.

California's garlic growers smelling trouble from Japan

GILROY (AP) — Growers in the garlic capitol of the world smell trouble.

Dr. Saiki's Odorless Garlic from Japan looks the same, tastes the same and smells the same as ordinary garlic.

"Garlic without the smell is like going to bed with your shoes on," said Valentino Filice, a chef at the annual Gilroy Garlic Festival's Gourmet alley.

"It kind of muddies the water," said Bonnie Campbell, chairwoman of the Democratic party in Iowa, where the first caucuses will be held next February.

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Nation

Newest shuttle's launch date is months behind schedule

CAPE CANAVERAL, Fla. (AP) — Manufacturing delays and testing problems have slowed delivery of hardware for space shuttle Discovery, and some engineers say NASA could miss its scheduled June 2 launch date by several months.

The biggest bottlenecks could be the delivery of the primary propulsion units — the three large main liquid-fuel engines and the segments of the solid fuel booster rockets.

"Given those current delivery dates are met, and given that we do our job the way we expect to do it, the June (2) launch is still makeable," said Bob Steck, shuttle launch director at the Kennedy Space Center here.

The booster rocket segments, which originally were due from the Morton Thiokol plant in Utah in December, are to reach here a month late.

Cuomo's undefined intentions muddy Democrats' strategies

WASHINGTON (AP) — Persistent speculation that New York Gov. Mario Cuomo will be a late entry into the presidential race is making it difficult for the six declared Democratic contenders to expand their own support, according to a variety of party officials.

"It's kind of muddy the water," said Bonnie Campbell, chairwoman of the Democratic party in Iowa, where the first caucuses will be held next February.

"If it's his intention not to go through the process but to be available for a draft, that's fair game. But I think it does cause problems for the candidates who have been campaigning in Iowa and New Hampshire and the South and working very hard," she said.

"Yes, he is muddling the field," said Joseph Grandison, chairman of the New Hampshire Democratic party.

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Only full-time, tenured faculty members teaching during this academic year who have not previously won the award are eligible. Nomination forms may be submitted at the University Information Desk or the Information Desk at the Kennedy Library.

* The supporting statement is essential for the nomination to be considered seriously. Please state clearly why you believe this professor deserves such an award.

World

Iranian commander claims navy scared off U.S. copters

NICOSIA, Cyprus (AP) — Iran's navy commander claimed Sunday his forces fired on four U.S. helicopters that tried to stop a gunboat from intercepting a Greek freighter in the northern Persian Gulf.

U.S. Navy officials in the gulf denied the attack. But shipping executives, speaking on condition of anonymity, said an Iranian gunboat fired on the 29,188-ton Greek vessel Jimilta and searched it for suspected Iranian boarding ramps on Iranian tankers. Iran announced its latest attack Saturday night, but it has not been confirmed.

An Iranian gunboat attacked the 63,953-ton tanker Andromeda in the southern gulf early Sunday. Rocket-propelled grenades damaged the Andromeda's hull but caused no casualties, the officials reported.

In Saturday's attack on the Jimilta, IRNA said an Iranian warship fired on the Greek freighter because it ignored an Iranian radio message to drop anchor for inspection.

"Then a voice from an unknown station radiated to the Greek ship to sail on and four U.S. helicopters appeared in the skies," Commodore Mohammed Hussein Malekzadegan, the Iranian commander, was quoted as saying.

He said the Iranians then opened fire on the helicopters but the helicopters hovered above the freighter "and dispersed them after two hours."

He did not say whether the helicopters returned fire.

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Deaf student teaches native language to Poly

By Dawn Jackson
Art. Managing Editor

Glen Parkers classroom is silent in words but not in action. Not counting the students around the table. He asked each of them what they did the night before and each responded slowly, much like one learning a foreign language.

"I worked from seven to nine early," one student mentioned, questioning if she had "said" it right.

As the teacher, Parker patiently showed her the right way to speak, ready to repeat himself as often as necessary.

Parker teaches sign language — a class he takes to heart because its his native language.

Sign language is the second language of communication for the deaf. And for Parker, who's been deaf since a high fever took his hearing at age 2, teaching the language is his way of educating Cal Poly students, faculty and staff about the deaf.

"Some people think its hard to learn sign language, but its not," Parker said. "You don't know English 100 percent. I don't know sign language 100 percent.

"When you just learn to read, you can't jump to read the Wall Street Journal. You just learn to sign by step, sign by sign," said Parker in a pen-and-paper interview.

Parker is not a faculty member, he's a student who teaches part time.

He moved to San Luis Obispo in August after attending Ohlone College in Fremont for two years to study administration of justice. He wanted to be a park ranger.

"I heard about Cal Poly last May. I've been dreaming of being a cowboy since I was 6," said Parker. 25. "Its hard to find a 'cowboy school,' where you can have hand-on experience.

He's now an animal science major and hopes to use his degree to become a ranch manager or work in animal husbandry.

He said his deafness is not a problem in his hands-on major classes. He has an interpreter and a notetaker around his lecture with him.

"I, like to have a notetaker along because sometimes the classes go so fast that I can't write and look at the interpreter and the teacher at the same time. Sometimes need another pair of eyes," he said.

Because he is totally deaf, he can't lip-read well. He said some people can lip-read, but they are usually people who have read, Parker resorts to his old friend — reading.

"We have to, because it's so hard to sign or lip-read," said Hurwitz.

"I worked and went home early," one said to the teacher. "What do you do with a horse that's allergic to hay? It made the students laugh and me.

He said he meets people more easily at the hospital, where he volunteers.

The small size of the city and Cal Poly also makes it hard to meet people.

Parker said the bigger cities always have a large deaf community. "Fremont, where I grew up, is a great deaf community. But I had to leave the comfort zone to come here, where there are few deaf people. I'd rather have a happy lifetime career than stay around deaf people and do nothing.

In Fremont he attended the California School for the Deaf in Berkeley, which has about 500 students from kindergarten to 12th grade, for most of his education. The school moved to Fremont, and he graduated.

He would live at school during the week and travel home to Marysville on the weekends.

Monday through Friday from 9 a.m. to 2 p.m. Students can also sign up at the front desk Health Center.

The nutrition educators can advise the student on healthy eating habits as well as diet and exercise.

"Exercise and nutrition work together," said Hurwitz.

The nutrition educators also host workshops in the dorms and in some classes. They address the same aspects as the displays in the dining hall.

"Exercise and nutrition work, to emphasize that the food in the Dining Hall is not bad for the student, but he just needs to learn how to eat it right.

The Foundation is concerned with its reputation because students view the food as fattening and starvy. The Foundation tries to prepare the food as attractively and healthy as possible, but the students must ultimately choose from the selection available.

"This program is to let people know how easy it is to eat sensibly," said Hurwitz.

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Wine Street Inn

In the cellar of The Network

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From page 1

are needed to keep up with the changing, more advanced building fabrics available. Which materials to use in the construction of the helicopter is just one of the decisions the work crew must predict to influence a successful flight. Materials that are lightweight and durable are a part of the combination for which the work crew looks. Carbon graphite, fiberglass, and kevlar are a few of the ones used.

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From page 1

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Students are finding romance in the vegetable section

By Leigh Rubin

Next time you’re in the supermarket pinching peaches or poking the garlic lettuce, you’d better be prepared. Glancing at you over bunches of bananas may not seem like the ideal place for a first date, but according to employees and customers of the major supermarkets in San Luis Obispo — Lucky, Williams Bros., and Safeway — local markets are a place for many students to see friends or to ask a fellow shopper for a date.

While the supermarket may not seem like the ideal place for a romantic meeting, it poses several advantages:

• Everyone has to shop for groceries, so there’s bound to be someone there to suit your fancy if not your pocketbook when you see them buying generic chips.

• You’ve seen that special someone there once or twice, and didn’t get up enough guts to approach him — never fear. Most people always shop at their favorite market so they may be back.

• The pleasantly casual atmosphere is perfect for meeting new people. You can stop in for hours and no one will know how long you’ve been there since new people are forever filing in.

• Any time of day will do. Shoppers invade grocery stores at all times of the day and Safeway is open 24 hours.

• You can pretend you have no clue about shopping or anything else and ask the shopper you’re eyeing if he or she knows the whereabouts of the popcorm. If you’re a guy you can ask your fellow female shopper about laundry detergent or bathroom cleaner. If you’re a girl, you can hang around the motor oil and ask any macho-looking mechanic-type who would be the best kind for your car (you can pretend you don’t already know).

• Whether or not you noticed such events on your last trip for groceries, they do occur.

One Williams Bros. box boy said not only do customers pick-up fellow shoppers, but he and other employees have been asked out several times.

"It’s a pretty good place for that," he said. "There’s a lot of college kids in a relaxed, young atmosphere. Half the fun is watching people hit on people when they come in."

Cluade "Jay" Joseph, a Cal Poly political science major and member of the football team, said he has heard people talking about people they met at the market.

"I’ve heard of guys who, maybe they don’t come for that reason, but while they’re here they have ulterior motives," Joseph said.

Although Cuesta student Darla Pfeifer hasn’t had such an experience, she said, "I guess it’s a place to come and say ‘Hey, you have the same groceries I have!’ or something stupid like that. Not only is the grocery store in general a good place to meet people of the opposite sex, but according to speech major Spencer Abbott, there are specific aisles where the best prospects hang out.

"It hasn’t happened for me yet, but I’ve gone home and told my roommate it’s a good place," he said. "The vegetable section is the best. I don’t know why, but the people that turn heads are getting produce."

One civil engineering major wouldn’t admit to picking-up girls at the market, but said his roommate makes it a common practice.

"My roommate comes here when he’s bored, but he’ll go out with anyone," he said. "We call him Wizard. That’s his nickname, short for Passion Wizard."

A Safeway checker named Delilah said she sees a lot of action in the checkout line, and sometimes gets involved.

"Yes, people meet in here. They talk to each other," she said. "I’ll talk to them sometimes. Like if the girl is cute and the guy likes her I’ll say, ‘Is this next order yours?’ and he’ll say, ‘No,’ but then they talk. I think a lot of guys that shop here look for women, but I don’t know about the women looking for men."

A couple of Cuesta guys shopping in Lucky said they thought the market was a perfect place to meet people, "if you’re ambitious enough."

Even if you aren’t ambitious enough to meet someone new, you are almost guaranteed to see someone you know at the market. Kelly Spado, a checker at Lucky, said although she hasn’t seen a lot of people "pick-up" on other people, she sees a lot of people socializing with friends all the time.

"It’s the social gathering place," she said.

So whether you’re shopping for T.V. dinners, interaction with friends or a date, try any one of San Luis Obispo’s supermarkets. One-stop will suffice.

Love in the checkout line

By Kristine J. Abbey

Though the vegetable section may be your next date — or at least your next door neighbor.

Safeway — local markets are a general advantage:

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-- Spencer Abbott

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Mustang Village has Winter - Spring Leases Available as well as Immediate openings in:

- **MUSTANG VILLAGE II STUDIOS**
  These most desirable new models give the student maximum privacy. Some have balconies that overlook a beautiful wooded creek. All studios have full kitchens and baths and are fully furnished. The plan affords maximum independent living for one or two persons.

- **MUSTANG VILLAGE II 2 BEDROOM UNITS**
  The ideal model for two to four people! This new area of Mustang Village features full kitchens, one and two baths, and a wonderful floor plan designed for the student who enjoys being around others without giving up their open space.

- **MUSTANG VILLAGE I 2 BEDROOM TOWNHOUSES**
  The luxury of a two-story townhouse affords residents a separation of their living and sleeping quarters. These spacious units have full kitchens, 1½ baths, are fully furnished and offer a house-like atmosphere.

**Advantages to Living at Mustang Village!**

- **The Closest Student Housing to Cal Poly** - Closer to many buildings than the dorms- no need for a campus parking permit, or even a bicycle. Mustang Village borders the west campus for a 1/2 mile!

- **Large Private Park and Grounds** - Mustang Village has more than just buildings and parking lots! We offer a large park and barbeque area set between wooded creeks - the only private open space near campus. And many of our studio units offer a fine view of this area.

- **All Reserved Parking** - Your Mustang Village parking permit is more than just a “hunting license.” Each tenant has a numbered, reserved space, and reserved guest parking is even available. Never again will you come home at 2am to find the lot full.

- **24 Hour Security** -
  24 Hour on-site security is provided and is available by phone for any problems.

- **5 Modern Laundry Facilities** -
  Clean, new machines, 75¢ wash - 25¢ dry located throughout the complex.

- **Year Round Heated Pool** -
- **New Microwave Ovens In Every Apartment** -

Even if you wouldn’t consider living in a student housing complex - consider...

** Mustang Village Studio Apartments!**

Students and working professionals alike have found refuge from noise, parking problems, roommate hassles and the general lack of quality studio apartments in SLO at Mustang Village. Mustang village studios are physically separate from the rest of the apartments, and are in the most scenic and desirable area. Come by and take a tour.

543-4950

**MUSTANG VILLAGE**
1 Mustang Dr, SLO

Hours: 9-5 Mon-Sat.
Other times by arrangement
Please feel free to call.
Mustangs nip Broncos to close season with win

By Joe Packard

In a close and exciting game, the Cal Poly football team capped its 1987 season by beating Santa Clara, 33-31, Saturday at Mustang Stadium.

The win broke a three-game losing streak and gave the Mustangs a 7-3 record overall and a 3-3 mark in the Western Football Conference.

Although it was a could-have-been season, the seven wins are the most by Cal Poly since the 1981 national-championship year of 1980. Santa Clara finished 6-5 overall and 3-3 in the WFC.

Cal Poly quarterback Tom Sullivan came into the game needing just 103 yards to become the school's second most prolific passer in a season, but the Mustangs instead found most of their success on the ground.

Allen Survia had one of the big gains. He achieved that despite heavy coverage all season. The catch he made. The second half of the game was remarkable. The scrambling Sullivan was able to get past the defense and start Cal Poly.
| Special Group | Athletic Shoes | $37 | 17.99 | 14** |
| Special Group | Athletic Shoes | $55 | 19.99 | 15** |
| Special Group | Athletic Shoes | $70 | 24.99 | 19** |
| Special Group | Athletic Shoes | $65 | 29.99 | 23** |
| ALL REEBOK SHOES | EXTRA 20% OFF |

**Here are just a few examples:**

**ATHLETIC SHOES**

| Special Group | Athletic Shoes | $37 | 17.99 | 14** |
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**SKI EQUIPMENT**

| Special Group | Parkas | $85 | 49.99 | 39** |
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| Special Group | Columbia | $85 | 49.99 | 39** |
| Special Group | Gore-tex® Shell | $99 | 79** |
| Special Group | Gore-tex® Snow Pants | $99 | 79** |
| Special Group | Helly Hansen Pro Ski | $129 | 108** |
| Special Group | Ski Poles | $19.99 | 19** |

**ATHLETICS**

| Spaulding NBA | $49.99 | 39** |
| Syn. Leather Basketball | $49.99 | 39** |
| Porter Wood | $49.99 | 39** |
| Backboard Set | $59.99 | 49** |
| Price | $59.99 | 49** |
| Prince Spectrum Frame | $59.99 | 49** |
| Pre Line | $59.99 | 49** |

**GOLF**

| Pacific Flat Plates | $50.00 | 39** |
| Pacific Flat Plates | $50.00 | 39** |
| Pacific Flat Plates | $50.00 | 39** |
| Pacific Flat Plates | $50.00 | 39** |

**CAMPING**

| Kelty 20° Mummy Bag | $69 | 59** |
| Jumpstart | $129.99 | 103** |
| Dri Pack | $19.99 | 19** |
| All Sale | $19.99 | 19** |
| Dri Pack | $19.99 | 19** |

**EXTRAS**

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**Senior Eric Tautolo and Richard Schoenberger**

**Cal Poly 33**

**Santa Clara 31**

**Allen Survia:** 197 yards on 25 carries, two touchdowns.

**Kevin Emigh:** six punts for an average of 41.3 yards.

**John Fassett:** 10 tackles.

**Tom Carey:** six tackles, one-and-a-half sacks.
Thirteen Cal Poly sports figures on Friday became the first inductees in the Athletic Hall of Fame and Distinction. Eleven of them were introduced during halftime of the Cal Poly-Santa Clara football game Saturday night.

Above, athletic director Ken Walker presents former football star Perry Jeter with an honorary jacket. Vic Buccola, who was a teammate of Jeter's, looks on.

Left, Robert Mott, who spent 32 years at Cal Poly. He served as a baseball coach and head of the physical-education department.

Below, Tom Kline and Mike Krukow. Kline, a former wrestler, is president of Supporters of Mustang Athletic Teams. Krukow is a San Francisco Giants pitcher.

Other inductees were LeRoy Hughes, Gene Lenz, John Madden, Hank Moroski, Richard O'Neil, Stan Sheriff, Karin Smith and Ozzie Smith.

Photos by Daryl Shoptaugh
Poly outruns Davis in opening-day rout

By Elmer Ramos
Sports Editor

It certainly wasn't the Cal Poly basketball team of old — running the fast break, shooting from the outside, working the perimeter.

Unveiling a new style adopted for this year's quicker squad, the Lady Mustangs opened the season by romping over U.C. Davis, 74-57, Friday night in the Main Gym.

Head coach Jill Orrock started three guards to ignite Cal Poly's new up-tempo game, and they did not disappoint her. Julie Jordan, Jody Hasselfield and Elizabeth Oman combined for 43 points, most of them on fast breaks and outside shots.

"We did some nice things on the break," said Orrock. "We're looking to attack on both sides of the floor, and we did that. We pushed the ball up well."

The running game was a stark contrast to last year's deliberate strategy, in which frontliners Sherrie Astaterry, Janet Jergenson and Sherine Barlowe were the main focus. That trio is gone, however, and has been replaced by a group that is more comfortable on the move.

"I love it," said Jordan, the only returning starter. "Everything flows so much better. We were filling the lanes real well and the passing was just great."

When the Lady Mustangs did slow down, they did not automatically work the ball inside. Instead, the opting to shoot from the perimeter. Jordan and Hasselfield even stepped behind the three-point line, both sinking a pair of bombs.

"We (guards) all have the green light on the three pointer," Jordan said. "We work hard on it in practice, so we really comfortable shooting it in a game."

WOMEN'S HOOPS

Although the backcourt clicked, Orrock had concerns over the inside game. Center Stacy Rooney scored 14 points before fouling out, and forward Russia Madden was in foul trouble before halftime and scored only five.

"We didn't use the inside game at all," Orrock said. "We were getting open, but none of the passes were getting inside."

Hasselfield sank the game's first basket, giving the Lady Mustangs a lead they never relinquished. Fifteen minutes later, she buried a three pointer to extend the lead to 22 points, the largest margin of the evening. The Aggies whittled the deficit to 43-35 early in the second half, but never got closer.

The large lead allowed Orrock to substitute freely. With injuries trimming her bench to only four reserves, she was initially concerned the pace might wear down the team.

Jordan had 19 points and six assists, both team highs. Hasselfield, a freshman in eligibility despite playing one season at the University of Calgary, scored 16. Rooney led scoring in rebounds with 11, while Madden had eight.
MUSTANGS

MARTIN was 68th.

From page 7

nate, he was forced into action
tackle Shaw for a one-yard loss,
but Tom Carey was right there to
then handed off to Matt Shaw,
because of Tim Campbell's injury
From page 7

Ghidossi (100th).

what we had to do to win the

From page?

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start to wither.

from a couple of offensive linemen
were unusually high. Ordinarily,
try, Cal Poly defeated all the
Mary's won the race, and team-
six straight wins.

very difficult to replace the
and remove from the roster.
adjacent by a new coaching
throw for an interception to seal

On the next play, Calcagno
When he was a freshman, Mar­
over, " he said. " In some ways.
Football was my life, but I think
I'm ready to pursue other
things.''

"The 6-0 feeling was one I'll
never forget," he said. "It's
an experience I'll never forget."

in a string of entertainer-owned

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gene expression in blood, semen, bodily fluid
and tissue has been gaining limited acceptance in
research circles but is being used as a kind of
'genetic fingerprint,'" a scientist says.

The technique eventually could supplement
traditional methods of evidence presentation,
Robert Shaler, a biochemist whose firm has

Shaler told a recent conference of chemists that
"What we've done is made a qualitative leap in
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CALENDAR

Monday

* Evolutionist Bill Baker will speak on Evolution vs. Science in Chumash Auditorium at 7 p.m. Tickets are $1.50/students and senior citizens, $2 for the public. They will be 50 cents more at the door.

Tuesday

* Moon Ja Minn Suhr will lead a discussion on "South Korea: A Socioeconomic Look" in U.U. Room 217D, after an 11 a.m. slide show.

TOMATOES

From page 1

"It's like an energy animal that eats organic materials and produces energy," said Williams.

After the gas is extracted, the sludge becomes fertilizer. Tomatoes are used while they are still green. If they were allowed to ripen, they would get moldy and introduce unwanted bacteria, said Williams.

Normally, the tomatoes used in the methane process would be destined for the fresh produce section of markets; but they didn't make the grade requirements for quality or appearance and were "culled" out. Fresh market tomatoes are picked green and allowed to ripen in stores or consumers' homes. Tomatoes chosen for canning or sauces are left to ripen on the vine and harvested later, since appearances don't matter.

A pilot model of this process will be built at Cal Poly and moved to a tomato processing plant in King City. Later, a very large commercial setup with a 300,000-gallon capacity will be established, said Joseph Montecalvo, food science and nutrition department head.

This project started in June when the president of the California Fresh Tomato Marketing Board donated funds for research of alternate uses for tomatoes and a pesticide study. Excess tomatoes are being used as cattle feed, and concern has been raised about the level of pesticides left on the tomato skins that are eaten. The residues of 150,000 tons of cull tomatoes fed to cattle accumulate in their fatty tissues and could pose a health hazard to humans, said Montecalvo.

Testing showed that pesticides don't penetrate the tomato skins. High levels of pesticides were found in San Joaquin Valley tomatoes, but the amounts could be reduced by washing them.

"Simply washing them will bring the levels to undetectable amounts," said Montecalvo.

The two other main growing areas, Salinas and the Imperial Valley area, are still to be tested, Montecalvo said.

"Eventually companies will have to look at alternative ways to dispose of waste...with minimum effects on the environment," said Montecalvo.

"We'd like to see other food processors minimize energy costs with methane generators," said Williams.