Treatment of eating disorders difficult, medic says

BY THERESA LUKENAS
Staff Writer

Treatment of any eating disorder is not an easy matter for the medical professionals who deal with the disorders at the Health Center.

Eating disorders range from bulimia at the one extreme where the individual cannot stop eating to anorexia nervosa at the other where the individual literally starve themselves. Mid-way on the spectrum are many variants to these two including bulimarexia, where individuals binge and then purge themselves through self-induced vomiting, fasting, or use of laxatives.

Treatments of such disorders should address both the physiological and the psychological needs of the patient, said Nurse Practitioner Joan Cirone, and early diagnosis is extremely important to effective treatment.

Cirone said that treatment must go beyond simply changing the individual's eating habits. She explained that behavior modification techniques are sometimes used and can be very effective in gaining short-term results when immediate change of the patient's eating habits is the initial criterion.

Such techniques involve rewarding patients for achieving pre-determined goals such as reducing the frequency of an unwanted behavior or increasing the frequency of a desired one. However, according to Cirone, such techniques are only effective as an adjunct to good psychological treatment.

"Behavior modification alone does not work most of the time," she said, adding that the main thrust of treatment at the Health Center is aimed at the psychological aspects of eating disorders.

Cirone also said anti-depressants are sometimes used in treatment since "depression is a part of the total picture," but stated that of the approximately six to ten individuals she treats each quarter for some type of eating disorder, only about two are generally prescribed such drugs.

"That's where the psychiatrist comes in," she said. "I usually try to interest the person in talking with a psychiatrist because the problem is so deep-seated, and it's hard to isolate the specific causes."

Please see page 9

Toxics dumped in Poly Canyon

No record kept on the amount of waste buried

BY MIKE CARROLL
Staff Writer

An unknown but potentially hazardous quantity of toxic chemicals was buried at what was once the university trash dump in Poly Canyon during the early and mid-1970s, a Mustang Daily investigation has revealed.

Mike Ahler, equipment technician in the chemistry department, said that between 1972 and 1976 he personally transported toxic substances accumulated by the chemistry department to the Poly Canyon dump site. These chemicals, he said, were buried in specialized containers that would rust through in a "handful of years."

Ahler noted that at this time there was no university waste disposal policy and consequently no records were kept on the volume of toxic substances buried there. He emphasized the four-year time period was approximate since it is based on his recollections.

The equipment technician said he knew of no damage to the Poly Canyon environment that occurred as a result of past dumping to toxic wastes. Environmental damage, instead, Ahler said, was due to the dump site being "deliberately built" by being dug out of the side of a hill.

Donald Van Acker, Cal Poly's environmental health and occupational safety officer, said the Poly Canyon site was not designed to handle toxic wastes and that such materials are no longer dumped there.

Ahler noted that the buried chemicals are potentially hazardous and may contaminate nearby Brizzolari Creek in the event of an earthquake or heavy rainfall. Brizzolari Creek flows through the northern section of campus and eventually flows into San Luis Creek near the city limits.

Ahler said burial in a secure landfill was the best method available to him in the early and mid-1970s to dispose of his department's toxic wastes.

Over the past four years, however, toxic materials have been taken to self-funded, state-licensed dump sites in accordance with state and federal regulations, Ahler said.

The chemistry department now accumulates a half-ton of toxic materials each year. Ahler said the annual volume of toxic materials was less however, when the Poly dump was in use.

Poly Canyon. He said he was not involved in Ahler's waste disposal procedures, or aware of them.

Dick Tartaglia, associate director of plant operations, noted all the trash generated on campus was taken to the Poly Canyon site at one time. The chemical wastes would have been buried under 50-75 feet of dirt, he said.

William Rife, head of the chemistry department, said he had heard that toxic materials from that department were taken to the Poly Canyon site. Rife could not provide first-hand information, however, since he was not at Cal Poly at that time.

Kenneth Jones, executive director of the state Water Quality Control Board, said that "nobody paid much attention to it toxic waste disposal) until fairly recently."

"He said the burying of toxic substances probably not present a hazard if the landfill remained in a dry state."

The biology department is a small producer of toxic chemicals to be buried in Poly Canyon. He said he was not involved in Ahler's waste disposal procedures, or aware of them.

The biology department is a small producer of chemical waste. He said it was "quite possible" for chemicals to be buried in Poly Canyon.

When informed of Ahler's remarks, Neelands conceded it was "quite possible" for chemicals to be buried in Poly Canyon. He said he was not involved in Ahler's waste disposal procedures, or aware of them.

Cirone also said anti-depressants are sometimes used in treatment since "depression is a part of the total picture," but stated that of the approximately six to ten individuals she treats each quarter for some type of eating disorder, only about two are generally prescribed such drugs.

"That's where the psychiatrist comes in," she said. "I usually try to interest the person in talking with a psychiatrist because the problem is so deep-seated, and it's hard to isolate the specific causes."

Please see page 9

The Cal Poly dump site is off Poly Canyon Road, within 75 yards of Brizzolari Creek. To the southwest lies the aero, horse, swine and ornamental horticulture units.
Hostage compact to be honored

WASHINGTON (AP) — President Reagan will implement fully the Iranian hostage agreement, senators were told Tuesday, and former Secretary of State Edmund S. Muskie said the arrangement will not encourage further terrorism.

Muskie and two of his one-time deputies told House and Senate committees that America should honor the agreement with Iran that freed 52 U.S. hostages Jan. 20 after 444 days of captivity.

"We should fulfill the agreement because we are a great power with interests ... in keeping our word," Muskie told the Senate Foreign Relations Committee.

Sen. Charles H. Percy, R-Ill., chairman of the committee, announced that Secretary of State Alexander Haig had told senators Reagan has decided to "implement fully the agreement."

"They obviously will adjudicate any legal questions," Percy said. "It would be my hope that we will take any international questions to the world court."

Muskie said the deal maintains U.S. honor and said he and his negotiators accomplished "our objective not to make any arrangement to encourage terrorism in the future.

Pope criticizes Philippine head

MANILA, Philippines (AP) — Pope John Paul II, opening a six-day visit to the Philippines Tuesday, told President Ferdinand E. Marcos there is no justification for human rights violations "even in exceptional situations."

The pope arrived to the pealing of hundreds of church bells and a jubilant welcome by some 1.6 million Filipinos who packed the six-mile route into the city.

"The IRS has enormous powers to gather information from people who are required to give it, without the right to protection from self-incrimination," said John Shattuck, national legislative director for the American Civil Liberties Union.

Social Security funds dwindle

WASHINGTON (AP) — The trust fund that provides the money for Social Security retirement checks will be depleted by early 1983 and could be $62.5 billion in the red by 1986, the Congressional Budget Office said Tuesday.

Unless Congress makes changes in the program, the deficit could grow to $28.9 billion by the start of the 1990 fiscal year, the arm of Congress told the House subcommittee on Social Security.

Congress could keep the system afloat by making such changes as placing a cap on the percentage of money retirees could receive in annual cost-of-living adjustments and raising the payroll tax rate, now at 6.5 percent, by 0.5 percent, it suggested.

Raymond C. Scheppach, the budget office's deputy director, testified that even if the economy improves during the next few years, the system would probably weaken.

"High levels of unemployment are likely to continue exerting pressure on the trust funds, as fewer workers contribute payroll taxes and as a number of older workers retire sooner than they would have if the labor market were stronger," he said.

Child support defaulters eyed

WASHINGTON (AP) — The Reagan administration, over the protests of civil libertarians, is proposing to withhold federal income tax refunds from parents who fail to make court-ordered child support payments.

This proposal, called "Project Intercept," would be a major expansion of the government's efforts to enforce child support and represents misuse of the Internal Revenue Service.

"The IRS has enormous powers to gather information from people who are required to give it, without the right to protection from self-incrimination," said John Shattuck, national legislative director for the American Civil Liberties Union.

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TORTILLA FLATS

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San Luis Obispo

Correction

On a photograph on the front page of the Feb. 13 edition of the Mustang Daily, we incorrectly indentified an Orchesis dancer as Don Harper. Actually, he was Don Berstein of Pat Jackson's American Dance Company.
The sign on the gate guarding the Poly Canyon path warns: "This gate must be locked at all times." It is apparent that the sign's message isn't always heeded.

From page 1

Grimes said that in the past chemical wastes produced in the biology department — including the benzene — were turned over to the chemistry department for disposal. According to Ahler, the same kinds of wastes now taken to state-licensed disposal sites were buried in Poly Canyon. These materials would include heavy metal salts such as lead, in addition to zinc, organic wastes and certain types of hydrocarbons. Other toxic chemicals produced by the chemistry department in the past include organic solvents such as aniline. This chemical is poisonous and can readily be absorbed through the skin, Ahler said.

The potentially hazardous effects of these materials was known well before the toxic wastes were buried in Poly Canyon. According to the Handbook of Industrial Toxicology, published in 1966, human contact with aniline could result in headaches, vertigo, nervousness, chest pain, respiratory disorders, nausea, abdominal pain and convulsions. Ingestion or inhalation of large concentrations of lead, according to the handbook can cause acute stress, severe illness and "dietary discretions."

In addition, lead poisoning can bring about visual disturbances, headaches, dizziness, nervousness, depression, insomnia, mental confusion and delirium, the handbook says. The 1966 publication states that zinc can lead to nausea, vomiting, abdominal pain and diarrhea if taken internally. Zinc chloride, moreover, has been known to cause permanent disability.

Ahler, who began working for the chemistry department in 1970, said some of the chemicals taken to the Poly dump were contained in five-gallon steel cans. "These are ones that will not last," he said, stressing that the key question is how far the chemicals would travel after their containers corroded.

Brad Seek, a county health officer, said he was more concerned about the ground water in the Poly Canyon site rather than possible contamination of Branzioni Creek. Whether the buried toxic wastes present a hazard, Seek said, depends on the volume of materials involved.

Gerard said that the dump site was not included in the university's Master Plan and that no special land-use restrictions were placed on the area.

The executive dean said the university is in the process of replanting the dump site and "there is no question it will grow." Gerard said that as long as that area of Poly Canyon continues to be used as an excavation site to supply the university with materials for road construction, it will not return to normal.

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Equipment technician Mike Ahler
Corwin Johnson, head of the crop science department, said that during the 20 years he has been at Poly he has been concerned about the potential hazard posed by chemicals used up, their containers are now rinsed and taken to an off-campus waste disposal site.
Draft registration becomes ‘continuous process’

BY ROBIN LEWIS

Draft registration has not been slowed by the change of administrations in Washington, but enforcement of the directive is awaiting approval by President Reagan's appointees, a Selective Service System public affairs officer said Friday.

Joan Lamb said the administration changeover has not slowed registration. "Registration is a continuous process now. Eighteen-year-olds are supposed to register within thirty days before or after their birthday," she explained.

Of the possible 3.8 million 19 and 20-year-old males who were required to register last summer, Lamb said the Selective Service has 3.77 million cards "in hand." The peacetime registration, claims Lamb, saves four weeks in mobilization time in the event of a "national emergency." She said figures for January's registration were not yet available.

But while registration goes on, free of red tape, the administration still has not decided what to do about the estimated 230,000 affected males who did not register, explained Lamb. "We have to give the Reagan people time to come aboard," she said. "Washington grinds to a halt during changes of administration."

"Details" of enforcement, none in particular, said Lamb, are the main decisions to be made. "They have to look at the general outline to see if they want to make any changes," she said.

Department of Justice spokesman John Russell said his department has not yet received referrals from the Selective Service because of the change in administrations. When they do come through, explained Russell, "they will be given to the U.S. Attorney's Offices involved."

After the non-registrants have been located by the FBI, Russell said the U.S. Attorneys, as in the past, "will probably contact them and point out that they are in violation of federal law and wait for a response," Russell said. "Usually," continued Russell, "the response is pretty good," and most of the offenders register.

If they don't respond, explained Russel, they will be brought before the nearest U.S. magistrate to be charged with the felony and have bond set for bail.

Lamb said a case now before the Supreme Court charging the federal government with sex discrimination in requiring only males to register for the draft will not affect tabulation or enforcement. "This is the law," she said, "the law is in full effect." If the registration is declared sexually discriminatory, Congress will have to decide if it wants to register women also, "or register nobody," she added.

Chemical wastes dumped in canyon

The issue of toxic waste disposal began to receive national attention only in the late 1970s. According to a 1979 survey conducted by the Environmental Protection Agency, there are 33,254 known sites in the United States where hazardous wastes are dumped.

According to figures provided by the federal government, about 35 million tons of hazardous wastes are generated annually in the country - 90 percent of which are disposed of "improperly."
Unselfish style earns wins

The Cal Poly men’s basketball team will put its share of the California Collegiate Athletic Association lead on the line this weekend against co-leader Cal Poly Pomona and Riverside.

Unselfish play powered the Mustangs to two wins last weekend over Los Angeles, 69-49, and Northridge, 57-56.

The action was fast and furious in the Poly gym as senior point guard Jim Schultz (above) leaves his defender in the dust. Mike Burris, No. 42 (right), establishes rebounding position as two more Poly points are scored. Senior Rob McKone, No. 44 (lower right) does the latest dance step in a crowd of Los Angeles players, and junior Kevin Lucas controlled the boards (below) as McKone and Pete Neumann watch in awe.

Photos by Julie Archer
Poly basketball team hangs on to share of conference lead

BY VERN AHRENDES
Sports Editor

The only predictable thing about the California Collegiate Athletic Association basketball conference is that it is unpredictable.

With three games left on the CCAA calendar, the conference race continues to tighten like a giant coiled spring that is about to break.

The final twist of the coil might come this Friday as the co-leaders and sister-school rivals Cal Poly San Luis Obispo and Cal Pomona collide head-on with the winner to gain the inside track to the conference championship and a berth to the NCAA West Regional tournament.

This time last week, there was a four-way tie for top spot in the league championship hunt. Two upsets and a near miracle radically altered the complexion of the front runners. The Mustangs, under co-captain Ernie Wheeler, retained their share of the conference lead by dropping Cal State Los Angeles, 69-66, and barely edging Cal State Northridge, 57-56.

Cal Poly Pomona shares the league lead with the Mustangs with an identical 9-2 record after upsetting No. 7-ranked Dominguez Hills in the CCAA Division II ranking, 56-54 on Friday night, and by upending Chapman, 62-50, on Saturday.

The Broncos of Pomona have been lurking in the honors category of the Division II standings for a large part of the season but the two wins should catapult them into the Top 20 to set the stage for the grudge match between the two Cal Polys this weekend in the Los Angeles area.

The weekend of action was a sobering one for the Mustangs.

Key performances off the bench sparked the Mustangs to their winning margins both nights. Keith Lambertson and Alex Lambertson both turned in one of their finest weekend performances ever.

The "green special" defense led by the two young speed burners lifted the Mustangs out of a 14-14 stalemate in the Los Angeles game. The swarming defense has been designed to put a lot of pressure on the guards out front. The defense forced two quick turnovers which led to a nine-point run.

In the Northridge game, the special defense held Northridge scoreless for seven minutes as Poly carved into a 21-point lead. Against Los Angeles, the Mustangs moved the ball unselfishly and with authority. The inside muscle of Neumann and Kevin Lucas led the winning effort. Neumann led the charge with 17 points and Lucas answered with 16. Lambertson was the only other Mustang in double figures as he finished with 12 points.

The Mustangs roared of the second half with 15-7 on the Northridge clock. Lambertson was the Northridge's first 10 points. The Mustangs outscored Northridge 15-2 in one seven-minute span of the game. Poly's reserve center Mike Barron hit a fadeaway jump shot with 3:02 showing when Ernie Wheeler scored all nine of his points in the first half.

The Mustangs came back the next night and were almost flattened in the first 25 minutes of play by a vicious offensive onslaught.

The game had all the makings of a blow-out but the Mustangs somehow regrouped in the final 15 minutes to pull the game out with a miraculous rally.

Northridge was fired up from the word go. Junior reserve Bill Moeck answered the starting call of coach Pete Cassidy as he scored eight of Northridge's first 10 points.

Before Cal Poly could recover from the shock, it found itself down by eight, 48-39, by 10:53 and finally by 14 at intermission, 57-43.

The onslaught continued through the final five minutes of the second half as Northridge opened up a 21-point bulge at 46-25.

The Poly defense then took command of the game. Ten straight times down the floor Northridge was unable to score. The Mustangs were squawdering their opportunities, as they were unable to convert on Northridge's mistakes.

Finally Rob McKone got hot. The 6-6 forward bomber from Fair Oaks found his spot and his soft touch from the perimeter as he Singh the nets for 15 of his total 19 points in the final 15 minutes of play.

The Mustangs outscored Northridge 15-2 in the stretch to pull within 10 points, 38-48. The torrid comeback continued as Lucas netted four points, four rebounds, and Keith Lambertson both chipped in big buckets in the final minutes.

Two straight rainbow hoops by McKone pulled Poly within two points at 52-54. The Mustangs finally pulled even at 54-44 with 3:02 showing when Ernie Wheeler buried a three-point shot.

Northridge took the lead for the final time when Ben Balke hit a jump shot to finish the night at 57-56. McKone knocked the score, 56-56 when he took a pass from Jim Schultz for a lay up.

The Mustangs took the lead with 43 seconds left when Northridge's Darryl Hawkins plowed into Schultz while attempting a steal. Schultz buried his first free throw but missed his second attempt, for a 57-56 lead.

Northridge patiently whittled the clock down to get the final shot of the game. Poly's reserve center Mike Barron figured heavily in the win as he slapped a pass out of bounds with six seconds left.

Northridge fed Guy Garner at the top of the key to his game-winning attempt hit the heel of the iron. Eric Marquez hauled in the loose ball and wailed from 12 feet away and put up a fadeaway jump shot. His shot rattled around the rim and out at the buzzer. "They called them all of the way," said coach Ernie Wheeler. "But when Marquez got that rebound, I got scared. He jumped right out of the room."

No matter how tight the finish, a win is a win. The weekend action lifts the Mustangs overal record to 17-5.

The next home game for the Mustangs will be the CCAA finale against Cal State Bakersfield on Feb. 26.
Buehning topples mark pacing two cage wins

BY TOM JOHNSON
Managing Editor
The idea of establishing records is to give the sport's participants something to strive for, something to respect. Cal Poly's junior guard Laura Buehning appears to have no respect for the school's record books as she shattered her old mark of 36 points with a 37-point performance to lead the Mustangs to an 80-63 victory over University of Nevada Las Vegas Thursday.

Buehning also had a hot shooting hand against Northridge Saturday, sinking 16 points to spark Poly to a 60-53 win over the Matadors.

In Thursday's contest, the Mustangs might have been sorely tempted to climb back to the bus drive to the friendly confines of San Luis Obispo instead of the first half bucket, as they trailed UNLV 43-33. Whatever coach Marilyn McNeil said to her troops during the intermission seemed to do the trick as they outscored the Rebels 52-40 the rest of the way to claim the victory.

Buehning had an excellent overall performance, tallying five assists and three steals in addition to her 37 points. Buehning pumped in 17 of 24 shots and hit three of six from the line.

No one else on the Poly team reached double figures, but both Carolyn Crandall and Colleen Finney sank seven points. Ricky Kords and Sonia Lykes paced the Rebels with 22 and 19 points respectively.

Buehning topped a balanced Poly attack with 16 points as the Mustangs trounced Northridge 60-52.

Buehning popped in six baskets and had a perfect four for four at the line.

Kristen Kopp and Finney were also in double figures with Kopp garnering 14 points and Finney 12.

The Mustangs close out their home season this weekend, looking for their 14th straight win over the University of San Diego Friday and O.C. Irvine Saturday. Both games are scheduled for 7:30 p.m.

Women netters win one

The Cal Poly women's tennis team traded shutouts with Southern California Athletic Association foes San Diego and Los Angeles during the weekend.

Poly's No. 2 doubles member Michelle Aracheula smashes a winning shot en route to a 6-1, 6-4 win with partner Cathy Samson.

Montano powers wrestlers to Biola tournament victory

The Cal Poly women's tennis team traded shutouts with Southern California Athletic Association foes San Diego and Los Angeles during the weekend. Poly's No. 2 doubles member Michelle Aracheula smashes a winning shot en route to a 6-1, 6-4 win with partner Cathy Samson.

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Ruggers drop to 1-2 after loss to Loyola

BY MIKE TRACHOTIS

The Cal Poly rugby club dropped to 1-2 in league play after losing to Loyola Lions 12-3 Saturday in Westchester (L.A.). Loyola is now 2-1.

The first half war marred with penalties as the Mustangs committed several marquehs which lead to Loyola’s first two scores late in the first half.

The first penalty against the Mustangs set up a 30-meter kick for the Lions. The boot split the goal posts giving Loyola a 3-0 lead.

A few minutes later the Mustangs penalized again Loyola’s kicker lined up behind the ball, examined the distance, (33 meters) took three steps back then raced forward kicking the ball perfectly on target.

The Mustangs, with only minutes remaining in the first half, scored on a penalty kick of their own. Jeff Applegate’s kick of 31 meters gave Cal Poly 3 points, making the score 6-0.

Between the posts.

Penalty kick of their own.

Jeff Applegate’s kick of the first half, scored on a penalty kick for the Lions.

The first penalty against Mustangs committed several marquehs which lead to Loyola’s first two scores late in the first half.

The second half was a defensive struggle as both teams spent more time kicking the ball back and forth than running plays.

The game became very physical as neither team could manage to break away for any scores until Loyola’s backs squeezed in 10-3 to go in the lead, Loyola’s backs squeezed in 10-3 to go in the lead.

The second half was a defensive struggle as both teams spent more time kicking the ball back and forth than running plays.

The kick after was good making the Lions score to 12 points.

The Mustangs moved the ball down the field twice after Loyola’s score, but the Lions held on for the win.

This Saturday Cal Poly travels to Long Beach to try and even its league record to 2-2.

**Mustang Daily Scoreboard**

### Basketball

**Men**

- CCAA Standings

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**Women**

- Team: Mustangs
- Opponent: Mustangs
- Score: 64-59
- Location: Cal Poly
- Attendance: 2000

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### Baseball

- Team: Mustangs
- Opponent: Mustangs
- Score: 5-4
- Location: Cal Poly
- Attendance: 2000

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### Tennis

- Team: Mustangs
- Opponent: Mustangs
- Score: 5-4
- Location: Cal Poly
- Attendance: 2000

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### Wrestling

- Team: Mustangs
- Opponent: Mustangs
- Score: 5-4
- Location: Cal Poly
- Attendance: 2000

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### Swimming

- Team: Mustangs
- Opponent: Mustangs
- Score: 5-4
- Location: Cal Poly
- Attendance: 2000

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### Skating

- Team: Mustangs
- Opponent: Mustangs
- Score: 5-4
- Location: Cal Poly
- Attendance: 2000

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### On Campus Interviews

**MONDAY, FEBRUARY 23**

To schedule an appointment, contact your College Placement Office immediately.
Treatment for eating disorders is often complicated

From page 1

"The psychiatrist will try to touch all bases to see if he can break through their defensive barriers and discover the real causes," she added.

Dr. Enn Maynard, visiting psychiatrist at the Health Center, said a major part of the treatment is getting patients to loosen up and accept the fact they have a problem. This can be very difficult because of the distorted way that patients view their bodies. "It takes a long time to change that self-image," said Maynard.

He explained that social pressures play a large role in such disorders and can undermine treatment to some extent.

"The girl of the '80s is supposed to look like Cheryl Tiegs," he said. "There's supposed to look like Cheryl Tiegs to some extent.

Maynard also said that the problem is "tied to the anxiety structure." It involves a problem with handling life stress, he added, as the disorder becomes the patient's sole means of dealing with any and all stressful situations.

According to Maynard, research is beginning to look into the possibility of any physiological causes for the disorders. He said that eventually these studies could provide some useful information for both therapist and patient to better understand the problem.

Talking about the problem is one of the best cures, according to Dr. David Ralston, medical officer at the Cal Poly Health Center. He said the main task of the therapist or counselor is "to be their friend, non-threatening and ready to listen whenever they're ready to talk about the problem."

Ralston said that friends and roommates can be very helpful in insuring an effective and successful treatment, and that friends should share their concerns but should do so in a manner that will not threaten the individual and cause them to withdraw further.

Eating disorders are fairly prevalent, according to Gene Ann Rubel, coordinator of Anorexia Nervosa and Related Eating Disorders (ANRED), a local support group for individuals with eating disorders. She said one out of every 100 adolescent women will at some time in their lives have some type of eating disorder.

Rubel also said that this percentage has been found to be even higher for college women. She said that in a study which surveyed women at the three largest universities in Illinois, 20 percent were found to have some type of eating disorder.

She explained that the support group provides an opportunity for individuals suffering from such disorders to get together in an atmosphere of mutual trust, caring and understanding.

According to Rubel, ANRED has been in existence since August of 1979 and has a membership of 325. The group meets from 7:30 to 9:30 p.m. on the second and fourth Mondays of each month.

Beginning in March, Rubel said that they will be offering a six-week therapy group aimed at "improving self-esteem, coping and assertion skills."

She said the therapy group will be conducted with the help of Dr. Lee Moyer, a clinical psychologist.

"If they individually with eating disorders can learn that they do have power and can control their lives, it's easier to give it up," she added referring to eating disorders.

Rubel said that 15 to 20 percent of those suffering from eating disorders will die. One third of the survivors will recover completely, "and at least some improvement in the other physical and psychological problems," she said.

Another third will remain "border-line," as Rubel called it. This means that they are able to function but remain too overly concerned with food and weight to live truly happy lives.

"The remaining third will stay chronic," said Rubel. "They will be in and out of hospitals and psychiatric wards for the rest of their lives."

This is the second article in a three-part series on eating disorders.

"The ones who have the easiest time recovering are those who seek professional help in the first six months," she said, "but I was a binge-vomiter for 12 years and if I could recover, anyone can."

Rubel also said that anyone who is interested in acquiring further information about the group or in learning more about eating disorders may write to ANRED, Post Office Box 1012, Grover City, CA 95433, or call 996-3594.
Most Cal Poly students probably don’t know it, but San Luis Obispo County is one of the world’s wonders for threatened and endangered animal species. “For its size,” biology professor Douglas Donaldson said, “San Luis Obispo County has more endangered and threatened species than any area of comparable size in the world.”

Nine different species reside within the county’s realms that are classified as either threatened or endangered, Donaldson said, the latter facing the most serious threat of extinction.

Habitat deterioration, Donaldson said, is the main reason most of the creatures are in trouble, not only in this county, but in other areas throughout the United States. “A Williams Brothers shopping center just isn’t good habitat for the Morro Bay kangaroo rat.”

The most visible of these creatures locally, Donaldson said, is the California sea otter, which is classified as threatened. Once believed to be extinct, the sea otters were rediscovered living off the coast of Monterey County during the 1930’s. Since then, however, they have staged such a comeback that many people would like to see them removed from the threatened list.

Fully protected today, the otters live in kelp beds along the entire county coastline. In the air the most visible endangered animal is the California Condor. The wing span of these birds sometimes reaches 11 feet, but Donaldson said only “around thirty” of these birds still remain. Central and Southern California, their only habitat. The last confirmed sighting of a condor in this area, Donaldson said, was “several years ago” in the Osos Valley.

On closer inspection, Donaldson said, the birds turned out to be mere turkey vultures, a common relative of the condor.

On closer inspection, Donaldson said, the birds turned out to be mere turkey vultures, a common relative of the condor.

The eastern portion of SLO county is the home of several threatened and endangered species, Donaldson said. Among these is the San Joaquin kit fox, which formerly occupied large areas of its namesake valley now used for agriculture. The current status of the kit fox is threatened. This same region is also the home of the blunt nose leopard lizard—a small reptile which thrives in a dry climate. Like the kit fox, its habitat has been altered by man, and it is now endangered.

Recently, the kangaroo rat had a habitat range of 1.7 square miles in the Morro Bay-Los Osos area. Today, however, the small rodent’s habitat is restricted to half a square mile, near the south end of Morro Bay. The kangaroo rat’s existence has been threatened not only by habitat deterioration, Donaldson explained, but also by feral cats, which are domestic cats gone wild. “Certainly they’d eat a kangaroo rat if they came across one,” Donaldson said. Donaldson also noted that the presence of these cats is due, in part, to expanding population growth in the area.

Perhaps one of the best known endangered species locally is the peregrine falcon. The rock is endangered, and in 1977, Donaldson said, only 14 pairs were known to exist. That number is, however, a slight improvement over the 10 pair known in 1970. Morro Rock has been designated an ecological preserve by the state of California in order to protect the falcon. In the past, Donaldson said, the rock has been wired to set off an alarm if trespassers should intrude. The falcon’s decline has been attributed to pesticides as well as habitat deterioration.

In addition, SLO county is home to two other birds whose numbers are dwindling, the California black rail roost and the California least tern. The black rail roost, which is threatened, “faces no great threat of extinction at present,” according to Donaldson. The outlook is not so bright, however, for the least tern. Found in the southwest portion of SLO county, the least tern is a migratory bird, residing here from April to September. Donaldson said, 770 pair were known of in 1977. Donaldson said, but the bird faces a serious threat because it nests in San Diego county, one of the fastest growing areas in the state.

Of all the threatened and endangered species, it is a rodent, the Morro Bay kangaroo rat, which bares the dubious distinction of having the smallest habitat area. As recently as 1976, the kangaroo rat had a habitat range of 1.7 square miles in the Morro Bay-Los Osos area. Today, however, the small rodent’s habitat is restricted to half a square mile, near the south end of Morro Bay. The kangaroo rat’s existence has been threatened not only by habitat deterioration, Donaldson explained, but also by feral cats, which are domestic cats gone wild. “Certainly they’d eat a kangaroo rat if they came across one,” Donaldson said. He also noted that the presence of these cats is due, in part, to expanding population growth in the area.

Please see page 11
Outdoors

Animals attracted by climates

From page 10

Why is our county endowed with so many species in trouble? Donaldson said part of the reason is the wide variety of climates found here. "You can go ten miles in any direction and be in an entirely different temperate zone," Donaldson noted. In addition, Donaldson said, SLO county is still largely rural and undeveloped, allowing continued safe habitat for many species.

Donaldson also explained that the county lies within the northern range limits of some species, such as the condor, and the southern limit of others, like the sea otter. Donaldson hopes, along with other local nature lovers, that these species will continue to thrive within the county and not be further oppressed.

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Opinion

Love Canal II?

With an unknown but highly poisonous quantity of toxic chemicals sitting just off the main part of campus, Cal Poly and the city of San Luis Obispo are sitting on a powder keg with a very long and slow-burning fuse. At present the campus and city are safe. But if the cap which encases the toxic chemicals were ever pierced and Poly Canyon was subjected to heavy rains, damage could be done to the plants, wildlife and people present in that area. The Mustang Daily editorial board is outraged at the stupidity of dumping toxic waste in an area frequented by joggers and bikers and inhabited by wildlife. We are confused because there are so many questions that need to be answered but have not been.

First, why wasn’t the administration notified? Douglas Gerard, executive dean for facilities planning, professes that he has no knowledge of toxic waste being buried in Poly Canyon between 1972 and 1976. If the chemical waste site was known to the administration, a university waste disposal policy could have been developed to safely rid the toxics built up on university grounds.

Second, why was Poly Canyon chosen as a dump site? Poly Canyon gives birth to a variety of plants and serves as a habitat for many species of wildlife as well as a place of recreation for Poly students. Certainly, such an area could be found far from a toxic-carrying river-system—a major problem with the old site situated near Brizziari Creek.

Third, why weren’t adequate warnings posted that Poly Canyon was a toxic waste dump site? If Poly Canyon had to be used as a toxic waste latrine than it would make sense to at least warn people that the site was there.

Lastly, and most importantly, now that the dump site has been discovered, what efforts will be made to correct this evil and relocate the toxic chemicals to the state-licensed dump site in Camaslia, near Santa Maria?

There seems to be little concern at present about the possibility of the toxic chemicals being leached into Brizziari Creek or into the groundwater caused by the eroding of the chemical containers or natural forces like earthquakes or tsunamis.

I am certain that the Hooker Chemical Corporation wasn’t worried about a possible catastrophe when it sold the Love Canal—which they had used to dump 21,800 tons of chemicals on the Niagara Falls Board of Education to be used to build an elementary school upon.

But the catastrophe came. The clay cap covering the dump was cracked and the toxics were released. As a result, the families living in the area suffered from respiratory problems and many children were born with birth defects like lesions in the heart, deafness and liver disease.

The long fuse burning on the Poly Canyon powder keg must be extinguished, not only by the toxic chemicals being adequately disposed of. We hope it doesn’t take another Love Canal incident for the administration to take action on this potentially serious problem.

12-unit nightmare

Editor:

After reading some of the current arguments offered by the various Faculty union’s groups, I found it difficult to remain awake one evening at my usual bedtime. The long fuse burning on the Poly Canyon powder keg must be extinguished, not only by the toxic chemicals being adequately disposed of. We hope it doesn’t take another Love Canal incident for the administration to take action on this potentially serious problem.

It turned out that the Trustees had also specified that in order to meet academic teaching loads, Faculty will to carry an overload of 3 or 4 units would be paid a “bonus.” And the placarding Faculty were all complaining that they had been assigned “merely total” of twelve units as their load, and were now given the opportunity off the overload.

Needless to say, the above expansion of “injustice” did awaken me, and I was so relieved it was a dream.

Billard J. Potter

Industrial Engineering Department

Letters

USARP done a disservice

In the second article the reporter dwelled on some of the social and recreational aspects of life at the South Pole. If I were uninformed and were reading this story for the first time, I would inevitably have assumed that the government is spending billions of dollars primarily so that a handful of people could pass their time by drinking heavily, engaging in merupakan, and engaging in acts of sabotage. This is entirely untrue. I know because I was there. By harping upon a few atypical aspects the reporter produced this unjustifiable slant.

The subject of psychology and personality conflicts in such an environment as the south pole is too complicated to be adequately covered in a short article. Yet the reporter quotes me as saying “they didn’t have the right people for the job,” and that the applications questionnaires “weren’t adequate.” Both statements are untrue; the people I lived with were right for the job, and the interview process was adequate. Yet it is a personality rather than one’s qualifications for a particular job which indicates how, and how well, he or she will adapt to an extended period of isolation in the most trying and inhospitable physical environment on earth.

A significant omission from the article was the actual purpose of the United States Antarctic Research Program, which is to make possible worthwhile American efforts in practically every field of the physical and biological sciences, from astronomy and atmospheric physics to zoology. USARP is active in supporting exploration of the ‘world’s wilderness,’ a fascinating ice-covered continent as large as the United States and Mexico combined. Our activities in Antarctica also augment the precedent-setting trend of international cooperation among all nations.

Jeg Marsson

Mustang Daily policy

Letters and press releases may be submitted to the Mustang by bringing them to Room 226 of the Graphic Arts Building, or sending them to Editor, Mustang Daily, CrC 226, Cal Poly, San Luis Obispo. California 93407. Letters longer than 150 words should be typed, include writers’ signatures and telephone numbers:

Editors reserve the right to edit letters for length and style, and to omit libelous statements. Letters should be kept as short as possible. Inordinately long letters will not be printed.

Mustang Daily