Treatments of eating disorders difficult, medics say

**By Theresa Lukenas, Staff Writer**

Treatment of any eating disorder is not an easy task for the complex nature of such diseases requires an equally complex approach for these patients. Those who treat the disorders at the Health Center.

Eating disorders range from bulimia at one extreme where the individual cannot stop eating to anorexia nervosa at the other, where the individuals literally starve themselves. Mid-way on the spectrum are many variants to these two including bulimiorxia, where in

individuals binge and then purge themselves through self-induced vomiting, fasting, or use of laxatives.

Treatments of such disorders should address both the physiologic 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 much 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," said Cirone. "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."

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**Tocics 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 sealed 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, he said, is not a concern because the dump site was "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 Brizzioli Creek in the event of an earthquake or heavy rainfall. Brizzioli 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 generated on campus have been taken to off-campus, state-licensed dump sites in accordance with state and federal guidelines, Ahler said. The chemistry department now accumulates a half-volume of toxic materials, he said, but he had received "no directions from my boss" on how to dispose of toxic chemicals in the chemistry department.

The equipment technician called the past dumping to toxic chemicals in Poly Canyon "unfortunate" and said "we didn't understand what should have been done."

Jim Neelands, supervising equipment technician for the school of science and math, said he did not believe any toxic chemicals were ever deposited 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.

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 50-76 feet of dirt, he said.

William Rife, head of the chemistry department, said he had heard that toxic materials from his 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 materials probably did not present a hazard if the landfill remained in a "dry state."

The biology department is a small producer of chemical wastes generating only five to 10 gallons of organic solvents annually, according to Larry Grimes, equipment technician for the biology department.

Grimes, however, said up until "about three or four years ago" benzene was in common use in the biology department. Benzene, a flammable chemical used in the manufacture of DDT, is a known carcinogen. Benzene was also one of the chemicals disposed of in the contaminated Love Canal area of Niagara Falls, N.Y.

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Please see page 3
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 agreement will not encourage further terrorism.

Muskie and two of his onetime 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.

In a televised speech at Malacanang presidential palace, John Paul delivered what Vatican officials call a "strong" statement of concern for human rights.

Marcos, who lifted martial law a month ago but is exerting pressure on the trust funds, as fewer workers contribute payroll taxes and as a number of older workers retire sooner than they would 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 payment of child support by errant parents. The proposal would give the Internal Revenue Service.

"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 if the labor market were stronger," he said.

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 $128.9 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. Schepach, 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 if the labor market were stronger," he said.

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.

Reagan nixes federal pay hike
WASHINGTON (AP) — On the eve of proposing deep cuts in taxes and federal spending, President Reagan Monday told Cabinet members to kill big catch-up pay raises proposed last month by then-President Jimmy Carter for officials, and high-ranking government bureaucrats.

The decision reversed the stand Reagan took last month when Carter proposed an immediate 16.8 percent pay boost for some 35,000 top officials, including Cabinet members, congressmen and top White House executives. Carter also urged the 5.5 percent pay hike for all government civilians effective Oct. 1, including federal judges. On Tuesday, Reagan advised Congress he now is opposed to the 16.8 percent pay boost. But Reagan didn't mention the 5.5 percent increase.

Administration officials also released their first estimate of tax savings for individuals under the economic program Reagan will announce Wednesday night. In addition, they confirmed the cut in tax rates would not take effect until July 1.

State workers to get back pay
SAN FRANCISCO (AP) — The state Supreme Court paved the way Tuesday for some 200,000 state workers to receive final disbursements of $207 million in back pay, but said no to the employees' request for another $25 million in interest.

In the same case, the Supreme Court rebuffed efforts by tax revolt leader Howard Jarvis and others to delay a decision until the court has full compliment of seven justices.

Jarvis had sought additional hearings in the case, but Supreme Court Justice Frank Richardson and Court of Appeal Justice Gordon Flies, sitting on assignment, voted to grant Jarvis another hearing, but were overruled by a court majority.

The court denied the request by the California State Employees Association for the $25 million in interest. The workers contended were due them while the case involving $207 million in retroactive pay made its way through the judicial process. But the court said the association could pursue its attempt at getting the interest money in a lower court.

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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 "diabetic disorders." 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, more commonly known to cause permanent disability, "The executive dean said the university is in the process of replanting the Poly Canyon site rather than possible contamination of Brazzilian Creek. Whether the buried toxic wastes present a hazard, Seek said, depends on the volume of materials involved. Gerard said the Poly 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.

Equipment technician Mike Ahler

Corwin Johnson, head of the crop science department, said that during the 20 years he has been at Poly, agricultural chemicals were taken to the Poly canyon site. The crop science department stores pesticides and herbicides—when these chemicals are used up, their containers are now rinsed and taken to an off-campus waste disposal site.

Please see page 4
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 18 and 19-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, Russel 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

From page 3

He said that in the past, however, the empty containers were taken to the Poly Canyon trash dump.

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 32,254 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.
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Poly basketball team hangs on to share of conference lead

BY VERN AHRENDS
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 coil 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 in 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 jam at the top spot in the league championship hunt. Two upset losses and a near miss radically altered the complexion of the front runners.

The Mustangs, under coach Ernie Wheeler, retained their share of the conference lead by downing Cal State Los Angeles, 69-68, 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, 62-53, on Saturday.

The Broncos of Pomona have been lurking in the honors Bible mention 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 Wheeler and Alex Lamberton both turned in one of their finest weekend performances in conference.

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 alot of pressure on the guards out front. The defense forced two quick turnovers which led to a tie-breaker point run.

In the Northridge game, the special defense held the Roadrunners 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 15 for their share of the double figure numbers.

The Mustangs roared off the court, coming back the next night and putting up a late 52-54. The Mustangs final 26-point output was a six point lead. The Southland Golden Eagles, who were almost flattened in the first 25 minutes of the game by a vicious offensive effort, came back to an 11-point halftime 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 15 for their share of the double figure numbers.

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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 Archeula smashes a winning shot en route to a 6-1, 6-4 win with partner Cathy Samson.

Final planned

The final tugs of the Cal Poly intramural Tug-of-War has been scheduled for Thursday at 11 a.m. on the lower athletic fields. Scotts are still open in the intramural swim meet for this Saturday and Sunday at Cran- dall Pool. For more information, call 546-2040.

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 Archeula smashes a winning shot en route to a 6-1, 6-4 win with partner Cathy Samson.

The Cal Poly wrestlers, beset of late by poor performances, looked like the Mustangs of old Saturday as Louis Montano led the team to a first-place finish in the Biola Invitational. Cal Poly, who amassed 104 1/4 points, outdistanced second place San Jose State by nearly 11 points. The victory avenged an early season loss to the 183-rated Spartans, the only Southern California school to best Cal Poly in coach Vaughan’s 19-year career. Poly’s 150-pound Montano keyed the victory by pinning one man in 190 and taking two matches by 14-0 and 7-4 scores. Montano’s performance earned him first place in his weight class and the meet’s outstanding wrestler honor.

Other Mustang champions include 118-pound Al Gutierrez, 167-pound Tim Vaughan, 190-pound Wayne Christian and heavyweight Paul Speller. Craig Troxler, Poly’s 138-pounder, grabbed second-place honors and Chris Delong (134 pounds), Montano’s teammate, rounded out the podium in third place.

The Mustangs make a tour through the Southwest this week, taking on Arizona Thursday, Arizona State Friday and Nevada-Las Vegas Saturday to conclude the regular season.

Cal Poly upends Riverside

The Cal Poly Mustang volleyball team will seek its 10th win of the young season next Wednesday as it hosts Santa Barbara.

The Mustangs pushed their record to 9-3 and 1-0 in the Western Collegiate Volleyball Conference with win over UC Riverside. The Mustangs will put a three-game winning streak on the line against Santa Barbara as they knocked off Fresno State and Stanford in their last two regular starts.
Rugby
BY MIKE TRACHOTIS
Staff Writer
The Cal Poly rugby club dropped to 1-2 in league play after losing to Loyola Lions 12-3 Saturday in Weschester (L.A.). Loyola is now 2-1.

The first half war marred with penalties as the Mustangs committed several fouls 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, with only 45 minutes remaining in the first half, scored on a penalty kick of their own. Jeff Applegate's kick of 33 meters, took three steps up behind the ball, examine the posts giving Loyola a 3-0 lead.

Jeff Applegate's kick of first half, scored on a kicked the ball perfectly ed the distance, (33 meters), took three steps up behind the ball, examined the posts giving Loyola a 3-0 lead.

The Mustangs, with only minutes remaining in the first half, scored on a penalty kick of their own. Jeff Applegate's kick of 33 meters, taking the lead for Loyola with 45 minutes remaining.

The second half was a defensive struggle as both teams spent more time moving the ball back and forth than running plays. The game became physical as neither team could break away for any scores until Loyola's backs caught the Mustang wing for a score.

The kick after was good pacing the Lion score to 12 points. The Mustangs moved the ball down the field twice after Loyola's score, but the Lions held on to win.

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

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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. Ann 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 '90s is supposed to look like Cheryl Tiegs," he said. "There's a sort of 'magic' to be found in such disorders and can be very difficult because of the distorted way that patients view their bodies.

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," said Ralston.

He said oftentimes women respond better to women therapists, but added that the main criterion is that the individual feels safe and comfortable talking to the therapist.

Ralston said that friends and roommates can be very helpful in insuring an effective and successful treatment, and Cronise agreed. 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 450. 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, and coping and assertion skills." She said the therapy group will be conducted with the help of Dr. Lee Moyer, a clinical psychologist.

She mentioned 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.

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According to Rubel, ANRED has been in existence since August of 1979 and has a membership of 450. The group meets from 7:30 to 9:30 p.m. on the second and fourth Mondays of each month.

"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-eater 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 95435, or call 996-3094.

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

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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," said Ralston.

He said oftentimes women respond better to women therapists, but added that the main criterion is that the individual feels safe and comfortable talking to the therapist.

Ralston said that friends and roommates can be very helpful in insuring an effective and successful treatment, and Cronise agreed. 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 450. 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, and coping and assertion skills." She said the therapy group will be conducted with the help of Dr. Lee Moyer, a clinical psychologist.

She mentioned 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.

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"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-eater 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 95435, or call 996-3094.

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

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Most Cal Poly students probably don’t know it, but San Luis Obispo County is one of the world’s most prominent areas 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 1930s. Since then, however, they have stag­gered back. "Several years ago" in the Osos valley, Donaldson said, a student called him up and told me he’d seen 36 condors near Laguna Lake.

On closer inspection, Donaldson said, the birds turned out to be mere turkey vultures, a common relative of the condor. The western 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 kit fox is threatened, "faces no great threat of extinction because it nests in San Diego county, one of the fastest-growing areas in the state."

In the air the most visible endangered animal is the California condor. The wing span of these birds sometimes reaches 11 feet, and Donaldson said only "around thirty" of these birds still remain Central and Southern California’s only habitat. The last confirmed sighting of a condor in this area, Donaldson said, was "several years ago" in the Los Osos valley. However, more common birds are often mistaken for 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 kit fox is threatened, "faces no great threat of extinction because it nests in San Diego county, one of the fastest-growing areas in the state."

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. 775 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 least tern is a migratory bird, residing here from April to September, Donaldson said. 775 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.

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Perhaps one of the best known endangered species locally is the peregrine falcon, which nests atop Morro Rock. The bird is endangered, and in 1977, Donaldson said, only 14 pair 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 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. 775 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."

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He also noted that the presence of these cats is due, in part, to expanding population growth in the area. Please see page 11

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Letters

USARP done a disservice

Editor:

In the second article the reporter dwelled on some of the social and economical 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 in the neighborhood of millions of dollars primarily so that a handful of people could pass their time by drinking vodka, reciting metered poetry, and engaging in acts of sabotage. This is entirely untrue. I know because I was there. By harking up a few atypical aspects the reporter produced this unjustified

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.” That is an oversimplification. The application 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 the reporter’s 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 articles was the actual purpose of the United States Antarctic Research Program. The most outstanding inaccuracy was in the presumed funding for the program, which the reporter suggested “suspected to be billions of dollars.” At the time I only knew the program was expensive, but what today is not? I checked the Budget of the United States government for Fiscal year 1981, produced by the Executive Office of the President together with the Office of Management and Budget. On page 935 of the appendix, the USARP budget for “overall management of a multidisciplinary research program” is shown to be $65,400,000. In 1980 it was $55,840,000, and in 1979 it was $61,091,000. That is indeed quite a lot of money, but it certainly is not “billions of dollars.”

Jeg Morrison

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 to editors, Mustang Daily, SRC 226, Cal Poly, San Luis Obispo, CA 93407. Letters not 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.