

The UCSD Guardian

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Anorexia: a crisis on the campuses

By Lisa Sullivan
Associate News Editor

Until recently, the horror of anorexia nervosa and bulimia have remained all but unknown to the general public. Only the victims of these debilitating diseases and their friends were aware of the tragic results of severe food intake restriction.

But the veil of secrecy that has surrounded anorexia and bulimia is lifting. Increased social and scientific research is being done in search of a remedy for the problem. Publicity of this research has reached the weight conscious America, and it is beginning to realize the devastating effects its obsession with 'thin.'

"To you or I this may look real bizarre," says Miriam Levins of UCSD's Counseling and Psychological Services. "But if you sit down and talk with some of these women, it makes sense. They're not crazy. They're unhappy, unsatisfied, but not crazy," she emphasizes.

Levins, with the help of Trish Stanley, will conduct this year's discussion group for women who either are anorexic or know someone who is. An

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Inside:

- Day Care benefit
- MELVYL on line

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- Is nuclear war avoidable?

The UCSD Guardian

Opinion

Unsigned editorials represent the opinions of the editorial board of The UCSD Guardian. The editorial board is Peter Mortensen, Lisa Sullivan and Randy Hill. All other articles in the section are solely the opinion of the authors and do not necessarily represent the views of The UCSD Guardian, its editorial board, or its advertisers.

Glen and Shearer

Little babies and Reagan budget cuts

No one enjoys hearing stories about the poor people who will be left unprotected by the president's "safety net." Like most people, we'd prefer to worry about the upcoming World Series as the President's federal budget cuts take hold.

We'd like to believe the president's cuts in social programs won't harm "the truly needy." After all, Ronald Reagan is a nice guy. He wouldn't do anything to hurt anyone — especially babies.

But that's not quite accurate. Pressured to shrink federal spending further, the president's pencil-wielding budget-cutters want to slash a program that holds down the nation's infant mortality rate and reduces the number of neurological birth defects each year.

Better known as WIC, the Women, Infants and Children Supplemental Feeding Program helps improve the health of malnourished pregnant women and their babies. It's a welfare program that's worked.

During the early 1970s, medical researchers discovered that malnourished pregnant women were more likely to bear stillborn or "low-weight" babies than were their healthier counterparts. Moreover, researchers found that underweight babies frequently suffered from a series of diseases that stunt physical and mental development.

After several doctors from St. Jude's Hospital in Memphis, Tenn., took this evidence to the late Sen. Hubert H. Humphrey (D-Minn.) in 1972, Congress initiated a pilot program, giving poor, underweight mothers vouchers for nutritional foods. Slowly, health clinics began issuing credits for cheese, orange juice and iron-fortified cereals to women who qualified. Nutrition classes were also provided.

Over the years, WIC's results have been impressive. Infant mortality has dropped among babies born to moms who've been on the program. Low-weight babies, supported indirectly by WIC, have also been returned to their proper weight. With such overwhelming evidence on record, Republicans and Democrats have concluded that WIC is possibly the government's most cost-effective social program.

"Mothers come into my clinic all the time with big

smiles on their faces," said Diane Dimperio, who directs a WIC program at a health clinic in Gainesville, Fla. "They tell me how their babies are in such good health thanks to WIC."

But fewer of Diane Dimperio's patients are smiling these days. She claims several of her undernourished patients aren't even coming in for their regular checkup. They've heard about President Reagan's cutbacks and suspect WIC won't be much help in the future.

Last spring, President Reagan proposed a 30 percent reduction in the WIC budget, from \$1 billion to \$720 million. Yet, the Senate Budget Committee rejected the president's proposal overwhelmingly. Even such conservatives as committee Chairman Pete Dominici (R-N.M.) and Bob Dole (R-Kan.) said "no" to the president, and Congress retained the full program.

Nevertheless, as part of a second round of budget cuts, some sources at the Agriculture Department expect the administration to request new WIC cuts, ranging from 15 to 40 percent.

In human terms, as many as 800,000 low-income women, infants and children could be denied minimum nutrition.

Though Congress hasn't given up on WIC, potential cuts are already having an effect on the program. Besides frightening away clients, rumors of WIC's demise have led many state health directors to withhold funds authorized last year. "Many state directors don't want to be caught in a position of spending over their budget," an Agriculture Department official told us.

While Republicans and Democrats in Congress struggle to save WIC, the White House has threatened to veto any legislation that exceeds the president's budget guidelines. As shadow president Edwin Meese told the California Savings and Loan League last week, "We're not going to swerve from the course of economic recovery for political or any other reasons. We will take the necessary actions, no matter how unpopular they may be in the short run."

We understand the need for fiscal responsibility. But should we ask babies to bear any sacrifice? The next time someone says the president's budget cuts won't hurt the "truly needy," tell them about WIC.

Oliphant



A WESTERNER'S VIEW OF AN EASTERNER'S VIEW OF THE UNITED STATES.

A Different Angle

Pretty as a picture

BY LYNETTE TOM

There was a definite October chill in the air that afternoon as I made my way through the breakwater of broken concrete slabs lining the beach. I snuggled further in my ski jacket, grateful for its warmth and protection from the occasional blasts of wind that left a healthy pink tinge to my otherwise brown cheeks and made a proverbial mop of my hair.

Never quite getting used to the constant shifts in footing upon the sand, I walked a path more or less parallel to the shore. Now and then, I would pull out my antiquated rangefinder and snap a couple of shots. I reached the lifeguard station, halfway through the roll, and was about to turn around and go back when I saw him.

He was about six feet tall, plus or minus a few inches, and of slight build. His age ranged somewhere between late twenties to early thirties. Dark brown hair touched the collar of his plaid flannel shirt and a beard of the same color covered his face. His hands were hidden inside the front pockets of faded jeans that ended in Nike-clad feet. Eyes of calm gray stared at me with a congenial glow. We were the only two people on the beach.

"Hello," he said.

"Hello," I said.

"Nice day."

"I can't complain," I said.

"Nice camera. You don't see too many of those old models around anymore."

"It's not bad. Except there's no light meter or automatic focus settings. So, I have to do a lot of experiments."

"How long have you been taking pictures?" he asked.

"How long have you been watching me?"

"That long, huh?"

"Just with this particular camera. My dad got tired of me always borrowing his. This was his first one."

"We started walking."

"Do you live in the area?" I asked him.

"No, I'm just passing by. My second time around here. As for home, you might say it's at a very high altitude. And you?"

"Native born, for twenty-one years."

"A student."

I nodded.

"Senior at UCSD."

"Is this for a class?" he asked, gesturing to my camera.

I shook my head.

"School newspaper."

"You're a staff photographer?"

"A writer. But, the editor needed a feature photo for the front page and all the photographers were busy on assignment."

"Why the beach?"

I shrugged.

"It's kind of ironic. I've never cared for the beach. I've always liked the mountains more."

"So go there instead."

"I would, but I don't have a car. I don't even have a license, which is almost unheard of in here. Sometimes, I feel like I don't belong to this world."

"There's nothing wrong about that," he said softly.

"Sure. If you're a hermit."

The man just smiled. We continued walking.

"What kind of work do you do?" I asked.

"Well, I used to be a carpenter. But, I had to give it up."

"I don't blame you, the way things are with high interest rates on home loans. So what are you doing now?"

"I'm a minister."

"Oh."

"Sounds like you disapprove."

"No, it's not that...aren't you kind of young to be a priest?"

"It was an early calling," he explained. "I remember when I was twelve, I was already discussing theology with the church teachers."

"How long have you been preaching?"

"Three years."

"At which church?"

"I take a more informal approach. I come to the people, like a missionary."

"I always thought missionaries only went abroad."

"Most do. But, sometimes the hardest people to reach are those who live right in your home town."

He stopped suddenly, his eyes fixated on the horizon.

"What's wrong?" I asked, alarmed.

"There's your feature photo," he said, pointing toward the ocean.

It was the kind of sunset you see used as a movie backdrop for those old mushy love stories. Only this was the real thing. The sun was a perfect orange disk against a rose sky and above a violet sea with a band of shimmering gold where the sun cast its reflection.

"Better take it now before it's too late," warned the man.

"I'd love to, but I can't."

"Why not?"

"The film in my camera isn't fast enough. And I don't have a flash."

"Take it anyway."

"But it's too dark," I protested. "You won't even see the sun."

"The sun will be there. Trust me."

Something in his voice told me that I should believe him. I took out my camera, set it to the widest aperture, and shot two pictures. I turned to face the man. My eyes met an empty beach. He was gone.

I flipped on the light switch of the darkroom and was blinded by the sudden change from red safelights to white fluorescents. After a moment, I was able to focus my eyes on the fixer tray filled with prints. With tongs in hand, I transferred the photos to the washer tray, skimming over most of them until I came to the last one.

The man was right: the sunset was there...and it had been altered. The sun's reflection on the water was no longer a straight band, but a cross. And while I stood there, gaping at the transformation, I was reminded of a story I had read in some book as a child. It was about a man who loved his fellow man so much that he sacrificed his life to save the world. In the end, he came back from the dead and told his followers that he would have to leave them now, but he promised that he would come back someday...

Lynette Tom works as the Editorial/Business Liaison for The UCSD Guardian.

Letters to the Editor

Comment on religion

Editor:

In his letter (*UCSD Guardian*, Oct. 1), Barry Clayton repeats the old argument that evolution represents a decrease in entropy, and thus is impossible. In proper form, he then cites the counter-argument (that evolution did not proceed in a closed system, and that the second law of thermodynamics is thus not applicable), and proceeds to

refute it by referring to a proof (of which I have not heard) that *no* system is closed. Huh??? If no system is closed, then the second law of thermodynamics does not apply to anything — the supposed refutation actually refutes the Creationists' alleged argument!

Thermodynamics aside, it is not interesting that the Creationists, who claim that

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Oliphant



AS YOU MAY HAVE NOTICED, WE HAVE A PRESSING MUTUAL PROBLEM...

'Rock of Ages' author answers critics

Editor:

I would like to thank Barry Clayton for his letter (*UCSD Guardian*, Oct. 1) concerning my article "The Age of Rocks and the Rock of Ages." It is a "perfect" demonstration of my principal points: not everything believed by scientists is necessarily science, creationism is not science, creationists are either extremely confused or extremely disingenuous about the relationships between science and religion most generally and between science and fundamentalist Christianity in particular.

Why does Barry Clayton make spurious and non-sequitur references to the Second Law of Thermodynamics? In the strictest sense, the law applies only to the conversion of heat into mechanical energy. In that sense, it is relevant to the chemistry and physics of

physiology but has nothing to say one way or another about evolution. Taken in a more metaphorical sense, what that law has to say about biology is that life is a "miracle" or sorts in that it constantly breaks the law. That is to say, organisms constantly transform their principal points: not everything believed by scientists is necessarily science, creationism is not science, creationists are either extremely confused or extremely disingenuous about the relationships between science and religion most generally and between science and fundamentalist Christianity in particular.

On the local scale, however, organisms constantly rearrange the energy/entropy relationships of their environments. Indeed, by doing so, life exerts a feedback

force on natural selection. Particular arrangements of life — communities of organisms — become factors effecting the rates and direction of their own evolution. Now, if one wanted to draw an analogy between these micro-processes and macro-evolution — the formation of species, that is — the metaphor would most likely read that evolution proceeds from the simple to the complex, from the more to the less probable, from the imperfect to the perfect (in Clayton's terminology). Moreover, the metaphor would say that it is the very activity of organisms that leads to their own "perfection." Such a metaphor, however attractive it might seem, is a bad one though. It is absolute, totalizing and static while, as I have said, evolutionary processes are "local, contingent and powered by change."

The proof of that pudding is this: let us allow that creationism is a scientific alternative to the theory of evolution. Science doesn't just ask, could evolution be

I suggest that the source of Clayton's language as well as that of his confusion are one and the same and that source, no matter how hard creationists strive to ignore or deny it, is the fundamentalist's Bible. Since neither evidence nor logic would suggest that either the organisms or the species of this planet were "created at a stage of perfection and subsequently have been deteriorating" (Clayton's words), where else might this curious notion have come if not from Biblical tales of Adam and Eve and of the Tower of Babel? Words like "perfection" and "deteriorating have nothing whatsoever to do with science and everything to do with (at least some strains of) Christian eschatology.

The proof of that pudding is this: let us allow that creationism is a scientific alternative to the theory of evolution. Science doesn't just ask, could evolution be

possible. It also asks questions like, how did evolution occur and through what agencies? How did creation come about, Mr. Clayton, and through what agencies? Can you introduce me to one so-called scientific creationist, Mr. Clayton, whose answer to that question is *not*, through a certain well-known agency whose name begins with a capital G? Can you introduce me to one so-called scientific creationist whose source for that answer is *not* the Bible?

Yes, Mr. Clayton, "you've come a long way, baby," since the time of William Jennings Bryan. You are now nearly as interested in the age of rocks as in the Rock of Ages, but your interests in the two are no more separable than were Bryan's. By all means, "let your taste decide" what you choose to believe or not. Just stop calling your tastes in religion *science*, okay?

Nathaniel Wander

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Letter to the Editor

Creation science resembles Aryan science

Editor: I have followed the recent "Creation versus Evolution" debate in this paper and would like to add my own comments. It seems that what the Creationists want is an affirmative action program for their "scientific" theories. By their reasoning, the views of Velikovsky, Von Daniken, and other "scientific" thinkers should be given "equal time" in science classrooms. The Creationists demand for equal time might seem reasonable, until one stops and thinks: equal time for the views of an undistinguished minority of the scientific community, who have a patently religious grudge against the prevailing view? Equal time for "Worlds in Collision" and "Chariots of the Gods"? The time these "theories" get outside the science classroom seems quite

adequate. I refer to Creationism as the New Aryan Science because like Aryan Science, the "science" of Nazi Germany, it is "science" in the name of a political, social, and cultural movement, namely the so-called New Christian Right. It is not motivated by a truthful search for answers to questions about the natural world. It is motivated by a desire to break the natural world into a particular mold, namely that of Fundamental Christianism. Nature, however, is not constrained to follow the world view of any particular religious or political group. The Nazis discovered that "Jewish Science" (Relativity and Quantum Mechanics) was necessary to understand nuclear physics; too late, fortunately, to develop atomic weapons.

I suppose that referring to Creationism as the New Aryan Science is excessively harsh, but I believe the comparison is instructive. I do not wish to imply that the New Christian Right is neo-fascist, although there have been by now numerous instances of book burnings and threats to teachers and publishers. I do not wish to imply that the New Christian Right is neo-fascist, although the head of the Moral Majority in New York said that "Jews have a supernatural ability to make money." I do not care if Jerry Falwell disavowed this last statement, because Jerry Falwell is not the New Christian Right. Behind the benevolent smile of the Reverend Falwell, in the rank and file of the New Christian Right, lurks a mean-spirited ugliness and vile, narrow minded religious

bigotry that poses as a great threat to the future of this country as any pornographic excess. The sad fact of the matter is that the New Christian Right is looking for scapegoats for this country's apparent decline. Evolution seems to be a convenient target. According to the New Christian Right, evolution reduces man to an animal, lies behind Nazism, Communism, Socialism, pornography, child abuse, incest, teen-age pregnancy, the venereal disease epidemic, and a host of other problems, no doubt including high interest rates. However, even if this were true, it would have absolutely no bearing on the validity of evolution as a scientific theory. It was certainly unfortunate that Nazi death camps existed, and that millions perished in

them, but it was the lunatic ravings of quasi-religious fanatics, not evolution, that really justified them. Besides, was evolution connected with the slave trade, or the witch hunts and religious wars of Europe? Of course not. Yet millions died in the course of these events. If the New Christian Right is looking for scapegoats, I can suggest much more logical ones. They could blame the scientists who developed the birth control pill. This undoubtedly has had a major effect on the behavior of people today. They could blame the scientists who developed nuclear weapons. The thought of nuclear war is at least in the back of everyone's mind, and perhaps this has affected human attitudes towards life. They could blame some racial

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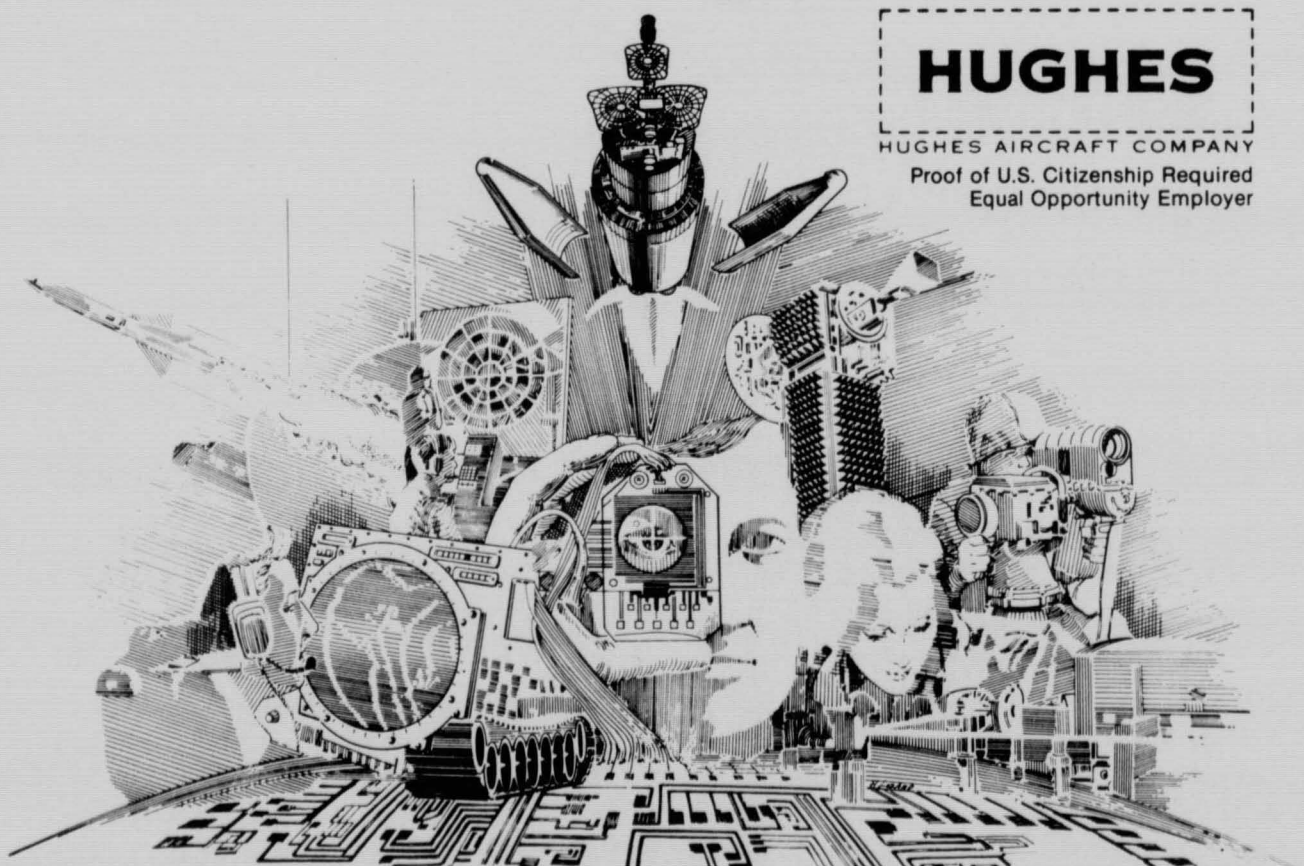
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News

The UCSD Guardian Lisa Sullivan, Assoc. News Editor

Anorexia nervosa: obsession with 'thin'

organizational meeting was held Wednesday to decide what time the group will meet regularly. Those interested can contact Levins at x3987. In the past, the group has included about eight women with anorexia or bulimia, or who know of others affected on campus. The number of anorexics and bulemics at UCSD is unknown, said Levins, but those eight women "can go to the cafeteria and spot them." According to Dr. Z. Kripke at the Student Health Center, many cases of bulimia are reported by concerned roommates who have noticed a friend's unusual behavior and have heard the vomiting. Kripke said that about 10 women with anorexia or bulimia have voluntarily come to the Health Center for help each year. Although most are women, some anorexics and bulemics are men who often are ballet dancers, wrestlers, jockeys and others who must keep their weight down. "I have known of men, but I haven't seen them," said Levins, "it's just not talked about." One reason for the overwhelming proportion of women, said Levins, is that "until recently, men were not

looked upon as sex objects." A man's power had traditionally been measured in terms of his intelligence and professional success, whereas a woman's power has been more intensely related to sex appeal, she said. Many anorexics and bulemics are women who have "bought the feminine ideal in our society to be slim," said Levins. She questions whether the California beach scene has made women in this area even more body conscious. Although they may already be slim, many of the afflicted women have a distorted image of their bodies. They perceive themselves as fat and ugly when they're really not, said

Levins. And this negative body image often contributes to other problems they may have relating to their sexuality. Another common trait among anorexics and bulemics is that they often are perfectionists who constantly strive to impress others, especially parents. And like most people, these women are hungry for success and fearful of rejection. Eating disorders have often been linked to sexual repression, but many psychologists now think that anorexia and bulimia may be rooted in this fear of rejection. Food becomes a temporary solution to pressing problems for bulemics. Rather than tackling a problem head on, a bulemic will seek immediate comfort by eating. Mental problems are frequently followed by physical problems for both the anorexic who starves herself, and the bulemic who binges and then purges the food by vomiting or taking an overdose of diuretics or laxatives. Although an anorexic sometimes starves herself to death, a bulemic woman puts more daily wear-and-tear on her body, said Kripke at the Health Center. An anorexic may stop menstruating, or she may start losing her hair, but she does not suffer the effects of daily vomiting as does a bulemic. Besides losing the nutritional components of the vomited food, a bulemic also loses various digestive enzymes, electrolytes necessary for proper body functioning, and other stomach secretions while vomiting. Prolonged vomiting may also cause the esophagus to tear or to develop ulcerations. Other problems may include anemia, swelling of salivary glands, and tooth decay resulting from the constant



Children at the UCSD Day Care Center gather around director Josie Foulkes to talk about this Sunday's benefit concert. Actor and UCSD drama professor Eric Christmas will act as master of ceremonies for the event, and Chancellor Richard Atkinson and Vice Chancellor of Undergraduate Affairs Joe Watson will speak to the audience. For more details on the concert, turn to page 17 in The Arts section.

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An Equal Opportunity to Become An Assistant Director in Motion Pictures Jane Klein administrator of the motion picture industry's Assistant Directors Training Program will be on campus Friday, October 16th to discuss openings for the 1982 program. Candidates must have a bachelor's degree by June 1982. Contact your placement office for further information.

UC libraries install computerized catalog

BY LAEL HANERFELD

In an age of advancing computer technology, it is not surprising that UCSD has installed Melvyl, a computerized card catalog covering all UC libraries. There are 15 terminals at UCSD libraries, seven of which are at Cluster Undergraduate Library.

Melvyl, officially called the UC Prototype On-Line Catalog, contains subject and author, title entries for books cataloged before Dec. 31, 1980 in the UC libraries. Because it is in an experimental stage, it is not yet complete. Melvyl contains most volumes of the Cluster and Science and Engineering Libraries and varying percentages of other UCSD and UC libraries. For example, there are only 181,000 of UC Berkeley's 5.7 million volume collection on record on Melvyl at UCSD. For most purposes, Melvyl can be used in place of a card catalog.

One of Melvyl's best features is that it is not necessary to be a computer

major to use it. It is relatively simple to operate. There are two modes: the look-up mode and the command mode. In the look-up mode Melvyl gives complete instructions and the user makes choices or supplies information. The command mode is a little more sophisticated. The user manipulates the computer's language and in the command mode can take advantage of all Melvyl's capabilities. At any time in either mode typing HELP will give the user instructions.

Mark Gittelsohn, head librarian at Cluster, thinks that Melvyl has many advantages to the standard card catalog. Melvyl will enhance, he says, the use of library materials and give the users more ways of access towards them. For example, MELVY will find titles when given any word in the title, and display them. It can in the same manner find books by a subject search. Because broad subjects may contain

thousands of books, it is possible to limit the search by libraries, years, and other categories. Melvyl can also combine and display subject headings. When searching for a book using the author, Melvyl will display a bibliography.

Gittelsohn says that this stage of Melvyl is just a primary one; the possibilities are endless. If Melvyl leaves the experimental state successfully, the next step will be to add all entries in the UCSD libraries since Jan. 1, 1981, and ultimately hold all entries at all UC libraries.

Presently all terminals are hard wired to Berkeley, yet in the near future a microwave link will allow expansion of the number of terminals and ideally allow them to be situated anywhere. Another possibility is that they could eventually give print outs and put books on hold at other UC's. Gittelsohn sees a completely automated library in the far future.

There are several reasons for this change to a computerized card catalog. It is expensive, difficult, as Gittelsohn explains, to manually change card catalogs especially since a new code of cataloging rules was adopted in the US early in 1981. As it happened, the On-Line Catalog was being developed at the same time. Melvyl can change its files on an authorized command. Another disadvantage of a card catalog is that it's stationary. It can only be in one place and cannot be repositioned. Although Mark isn't sure how much Melvyl is costing the UC system, he is sure that its advantages are invaluable.

There are still plusses for the card catalog and problems with Melvyl. Melvyl is experiencing communication problems in testing. While additions and changes are being made, the lines temporarily go down. This happens infrequently during

the eight to five work week. There are also user problems. Often a user will become impatient while waiting for Melvyl to respond, forgetting how long the search would take himself. Pressing certain buttons while awaiting a response will stop the search. Another problem is when the user doesn't limit a long search. A time to use the old card catalog system would be when it is difficult to narrow a subject search. Also, when Melvyl doesn't show records of a certain book, there is a chance that its records are not yet in the computer, so check the card catalog.

Gittelsohn doesn't think people will be afraid to use Melvyl. It is a case of the familiar versus the new. Melvyl has much to offer, so give it a chance. Next time you happen to find yourself in a library, learn to use Melvyl. It can only be to your advantage, because you can always resort to the card catalog.

Cranston visits Del Mar Friday

US Senator Alan Cranston will be in Del Mar tomorrow to discuss issues facing the growing beach community. During his stay, Cranston will discuss beach erosion, off-shore oil drilling, North County public transit and other issues relevant to the coastal communities.

Cranston will arrive appropriately on a North

County Transit bus at 27th Street and the ocean in Del Mar. During his ride down the coast from Oceanside, Cranston will talk with members of the Air Pollution Control District and the Planning Department of Del Mar.

From 4 p.m. to 5 p.m., the senator will run on the beach with the Del Mar City Council and other North County

runners. While running on the beach, the group will discuss beach erosion, Del Mar's Longard Tube Experiment and off-shore oil drilling.

From 5 p.m. to 6:30 p.m.,

Cranston will attend a cocktail party at Jakes in Del Mar for the City Council, community leaders and the press.

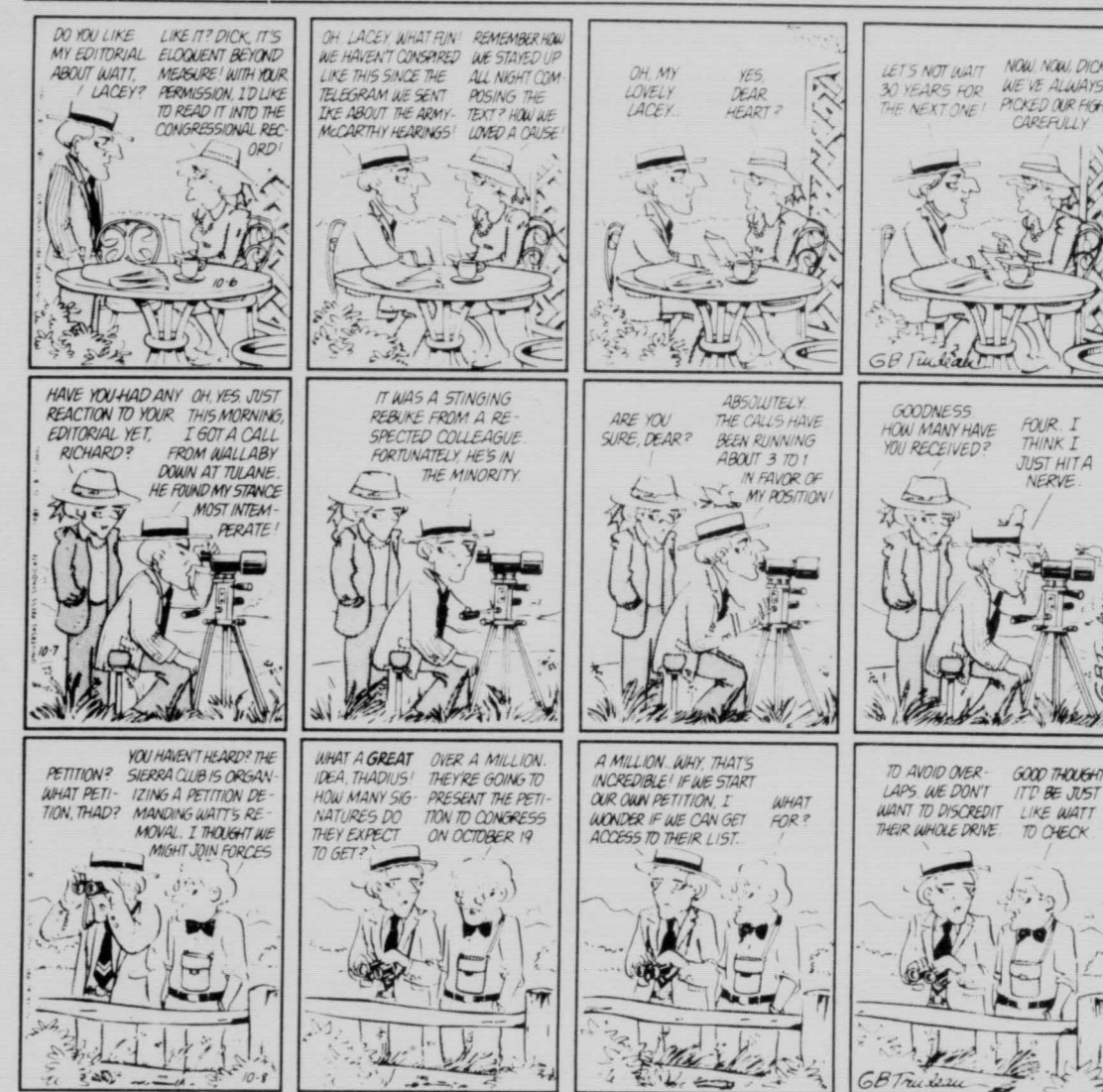
From 6:30 to 8 p.m., the senator will hold a public

forum at Seagrove Park in Del Mar, where 15th Street meets the Ocean.

Cranston is coming at the request of Vice-Mayor Richard Roe.

DOONESBURY

by G.B. Trudeau



Creation science

or religious minority, although this is currently out of fashion.

As far as the scientific validity of Creationism is concerned, the blunt truth is that it has none. The Creationists are reduced to misquotes and fabrication in order to back up their theories. For instance, one of their favorite "facts" is that the lunar dust layer is only 4 inches thick, and that this somehow implies a young moon (less than ten thousand years old). Actually, on the Apollo missions, core samples of the lunar soil that were several feet long were obtained. There was nothing special about the outer four inches, either. Therefore, I am forced to conclude that the Creationists are plainly dishonest here. Another

scientific argument that the Creationists use is that the Earth's magnetic field is decaying in a way that implies that the Earth is less than ten thousand years old. Their assumption is that the original magnetic field of the Earth could not have exceeded some value, and that it has been monotonically decreasing since creation. This completely ignores the fact that the Earth's magnetic field has reversed in the past and will undoubtedly do so in the future. It has been known for some time that the Earth's magnetic field behaves like this. The Creationists evidently chose to ignore this fact.

"Scientific" Creationism falls flat on its face when confronted with the fossil

please turn to page 18

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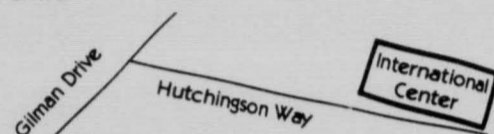
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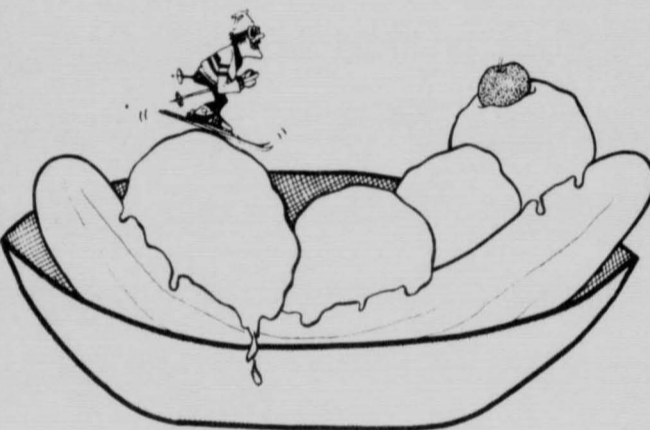
Religion

continued from page 3
all theories are equally good and thus should be given equal time, are so concerned with the Judeo-Christian creation myth? Have you ever once heard one of them argue that the Hindu creation myth should be taught in science classes?
On the next page, John Holmes writes that atheists have little respect for the human spirit. As an atheist, I can assure him that this is not true. I don't waste my time and energy being self-righteous (this letter should not be cited as a counter-example); I also feel no compelling need to convert everyone in sight to the grand cause of Atheism. Religious zealots are generally intolerant (witness Iran), and, as a rule, spend little if any time helping others. In fact, the lack of freedom which exists in those states which call themselves Marxist is no worse than that which has throughout history been imposed by the Church — whichever one happened to be in power at the time. Respect for humans as humans, without regard to their religious beliefs, is essential; intolerance — religious, racial or otherwise — is a serious threat to society.

Eric J. Wilner

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VOL. 44, NO. 7
OCT. 8, 1981

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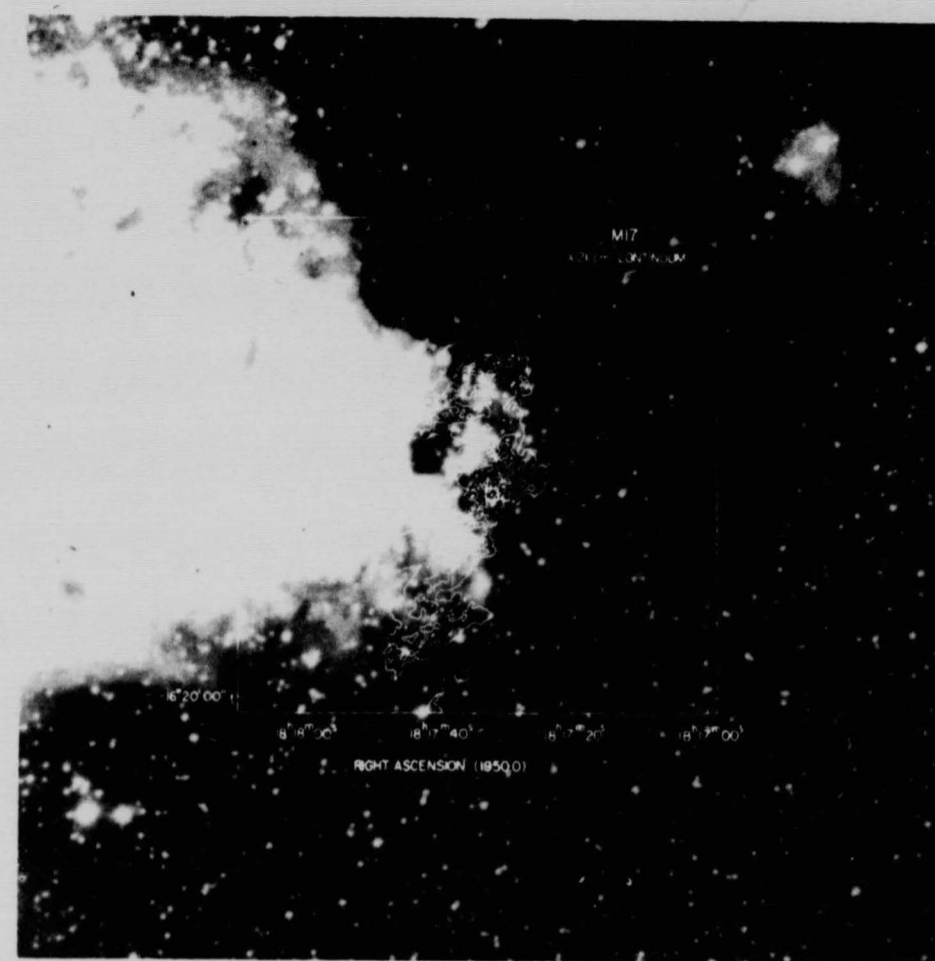
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Science



Radiograph superimposed on a photograph of horseshoe nebula

UC scientists shed light on the stars

For years, scientists have looked for a plausible theory to describe the birth of small, low-mass stars like our sun that are the most numerous celestial bodies in the universe. Now, UC astrophysicists at Los Alamos and Berkeley have published new calculations that hinge on the revolutionary notion that hydrogen gas and dust in molecular clouds can be compressed by radiation. This is the first time that such calculations have addressed the simultaneous motion of both hydrogen gas and radiation moving in two directions.

Traditional theory holds that huge, hot stars are formed in these molecular clouds as a result of shock waves or other disturbances. Enormous gravitational pressure raises these stars to temperatures of 50,000 degrees or more, as they radiate in the dusty clouds that swirl around the spiral arms of galaxies. This theory has never really held water for formation of low-mass objects like our sun and planets, for such stars take too long to form, and the clumps of dust and matter from which they might evolve would be dissipated long before gravity could have much effect.

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In a paper submitted to the Astrophysical Journal, Maxwell Sandford and Rodney Whitaker of Los Alamos and Richard Klein of UC Berkeley, show that one effect of the radiation from the huge, hot bodies is the compression of clumps of gas near the edges of molecular clouds. Some of these compressed clumps may eventually become stars like our sun.

Although molecular clouds appear relatively empty of matter by earth standards, they are actually quite crowded compared to the rest of space. Composed of hydrogen gas, dust, and other chemical elements, the clouds are enormous star nurseries, many as large as 300 light years in diameter. (A light year is the distance light travels in a year, when moving at 186,000 miles per second).

Astrophysicist Sandford describes the clouds as "the elephants in the zoo — gigantic, cold, swirling masses of matter, and rather like the texture of lumpy pancake batter.

"The lumps, or clumps, are areas of higher concentrations of dust and chemical elements that are ripe for compression into dark globules that may someday form a new star."

Richard Klein adds, "Researchers who probe the heavens are still not absolutely sure of how matter in molecular clouds becomes new stars, but they do know that stars are continually forming and low-mass bodies, which account for most of the star population, cannot be produced by the exact mechanism that seems to give birth to enormous hot stars. Future calculations must demonstrate that these low-mass, condensed objects can survive radiation from large, hot bodies long enough to become stars."

Rodney Whitaker of Los Alamos says, "There had to be an additional mechanism for formation of low-mass stars because the time span for gravity to form large and small stars is so different, as is their average life span."

Whitaker says large stars can be formed in just a few million years, and that the event can be triggered when shock waves encounter dusty molecular clouds. Such waves are abundant in galaxies because of exploding stars (supernovae) and the motin of gas and dust in the galaxies' spiral arms. Stars formed in this way are so big, they burn their nuclear fuel at a frantic clip and lead a short, but merry life of perhaps a million years. Low-mass stars such as our sun may take much longer to form, but once compressed, they lead long, sedate lives spanning billions of years. (Our galaxy is about 20 billion years old; our sun is about 4 to 5 billion years old.)

The new calculations show that the action of radiative compression by hot stars seeds the edges of molecular clouds with condensed globules. Such globules could form stars more rapidly than had previously been thought, and because of these new calculations, the present picture of star formation may need revision.

As telescopes became increasingly sophisticated, much was learned about space, but molecular clouds cannot be pierced very well by optical telescopes and astronomers knew very little about what was hidden in them, until the advent of radio- and infrared-astronomy. With these techniques, astronomers have been able to obtain detailed information about objects obscured by the dusty clouds. Signals received from such sources by the multiple antennas of facilities like the Very Large Array at Socorro, New Mexico, are correlated by computers which then turn out a contour map of brightness levels that measure the temperatures of unseen bodies.

Because such facilities provide an

Herbert York will speak on nuke war

'Can nuclear war be prevented?'



Dr. Herbert York

The implications of nuclear war and how one might be prevented will be discussed in a special two-evening UCSD Extension program for the public Oct. 21-22.

The program is titled "Can a Nuclear War Be Prevented?" and will be presented 8-10:30 p.m. Wednesday and Thursday, Oct. 21-22 in USB 2722.

The fee is \$25 and enrollment information is available by calling UCSD Extension at 452-3400.

Featured speakers will be national security advisor and past UCSD chancellor Herbert York, and prominent Stanford University professor and author Paul Ehrlich.

please turn to page 11

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Geological Research Division, SID

Muriel Nesbitt, Ph.D.
Department of Biology

Monica Weitzen, Ph.D.
Biochem-Molecular Bio, Med Student

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North Conference Room
Refreshments will be served

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Dr. Richard Atkinson

Atkinson elected to Whittier Board

UCSD Chancellor Richard Atkinson has been elected to the board of directors for the Whittier Institute for Diabetes and Endocrinology at Scripps Memorial Hospital — La Jolla.

Atkinson came to San Diego in 1980, following a three-year term as director of the National Science Foundation. Prior to his service in Washington, he was an experimental psychologist and applied mathematician on the faculty of Stanford University for 20 years.

A member of the National Academy of Sciences, Atkinson has had a wide range of responsibilities on a national and international level.

He has served on the US-China Joint Commission on Science and Technology Cooperation and a similar US-USSR commission. He was responsible for the negotiation and signing of the first memorandum of understanding between China and the US, an agreement on the exchange of scientists, scholars and students.

As a member of the Whittier Board, Atkinson will help oversee the operations of the first diabetes research, education and treatment center of its kind on the West Coast. Scheduled for completion the La Jolla hospital in January, the Whittier Institute is expected to attract diabetes researchers from across the country.

The institute will be devoted exclusively to diabetes and endocrinology research, patient care and education. It will offer a unique opportunity to make dramatic improvements in control of the disease and its complications.

To build the institute, the hospital Foundation received a pledge for \$5 million, the largest grant ever offered a San Diego organization at one time. The gift comes from The Confidence Foundation of Los Angeles and its president, N. Paul Whittier.

Whittier, a significant contributor to San Diego's Aerospace and Maritime museums, is a pioneer aviator and former top executive for Beldridge Oil Company, Los Angeles.

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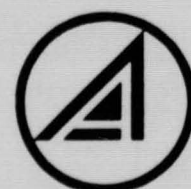
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York to Speak

continued from page 9

Program coordinator Herbert York was the US Ambassador to the Comprehensive Test Ban Negotiation in Geneva (1979-81), was a member of the US Delegation to the Soviet-American ASAT Arms Control talks (1978-79), and is currently a professor of physics and director of the program in science, technology and public affairs at UCSD.

He will serve as panel moderator during the two-evening program, and will also discuss his personal experience in arms control negotiations.

Paul Ehrlich, who is the Bing professor of population studies at Stanford University and the author of *The End of Affluence* and *How to be a Survivor: A Plan to Save Spaceship Earth* will speak on "Population Resources, Environment and Thermo-Nuclear War — Do People Understand How Bad it Will Be?"

Additional topics and speakers will be: "The Medical Consequences of Nuclear War," with Warren Winkelstein, the dean and a professor of epidemiology at UC Berkeley's department of public health. Winkelstein is a member of Physicians for Social Responsibility, Inc., a growing group of 1600 physicians, dentists and students organized to educate themselves and the general public about the medical hazards of nuclear technology.

"Between Madness and Morality: The Paradoxes of Strategic Nuclear Doctrines," will be discussed by Gene Rochlin, a research policy analyst and principal investigator for the Institute of Governmental Studies and lecturer in energy and resources at UC Berkeley. Rochlin has been a consultant to government and industry on nuclear waste management and non-nuclear proliferation policy.

"Strategies for Affecting Disarmament: Non-Nuclear Nation Initiatives," with Michael H. Shuman of Stanford University, who was the recipient of the Rabinowich Prize for his essay on how to avoid nuclear war, which appeared in *The Bulletin of Atomic Scientists* last January.

UCSD Science Bulletin Board

Scripps Clinic

Thursday, October 8
11:00 a.m.

Dr. Dennis A. Carson: *Biochemical Basis of Lymphocyte Dysfunction in Adenosine Deaminase and Purine Nucleoside Phosphorylase Deficiency*. 401-A, Kresge Medical Library, Torrey Pines Facility.

UCSD

Thursday, October 8
3:00 p.m.

Dr. Joe W. Conner, Skidaway Institute of Oceanography, University System of Georgia, Savannah: *Cytochrome P-450 Isolation from Estuarine Organisms*. Host: Percy Russell 2015 Bonner Hall

Chemistry

Thursday, October 8
4:00 p.m.

Dr. Robert L. Scott, UCLA: *Tricritical Phenomena in Fluid Mixtures*. Host: John Wheeler, 2622 Undergraduate Science Building.

Starlight

continued from page 9

extra dimension, Sandford and his co-authors believe that masers — intense sources of radio waves (microwaves) emanating from molecules stuck to the surface of dust grains that are heated by shock waves in molecular clouds — may be stars that either didn't quite make it or are in the early stages of formation.

"Masers are extremely efficient, energetic radio sources, they appear to emit energy from material compressed by gravity, perhaps with an assist from radiation, but they may have too little mass to actually become a star," Sandford says. "Instead they become masers and radiate away much of their excess energy."

The Berkeley and Los Alamos numerical calculations that give rise to these new results were compared with recent data in the astronomical literature from the Socorro Very Large Array. The calculations are causing quite a stir in astrophysics circles, as new predictions that are based on more than speculation are apt to do.

"We are living on a planet sustained by a second-generation, low-mass star, surrounded by untold billions of still others, and yet we have very little information about how such stars are actually formed. In a sense, we are all seeking our cosmic roots."

"In the 1950s, E.A. Dikai, a Russian astrophysicist, recognized the importance of radiation to the star formation process, but until the advent of sophisticated facilities like the VLA, and supercomputers, such as we have access to at Los Alamos, it was not possible to probe beyond the vision of optical telescopes and collect sufficient data to do more than speculate. Now we feel we can perform computer calculations that will pave the way for a new wave of space investigation."



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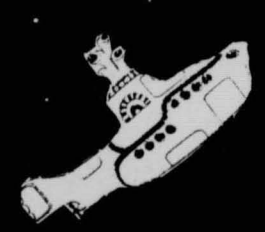
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The UCSD Guardian
Bob McSpadden, Sports Editor

Sports

Page 13
Thursday, Oct. 8, 1981

The fan: all shapes, all sizes — and always there

BY BOB MCSPADDEN
Sports Editor

The late Jack Murphy once said, "There is nothing sweeter to the club's owner than the music of a happy crowd." Such would also be appropriate for the coach, the team, and yes, the fan himself. The average fan is not an easy person to stereotype. I've been to Padre games where the two people on my right were an eighty year old grandfather with his seven year old grandson. However, there are some very distinctive groupings of the run of the mill "fan."

Take, for instance, the person who roots for whoever is winning the game. At the USC vs. Notre-Dame football game last year, I happened to get a place by an obvious Irish follower. The green covering his body was so bright that he instantly became the favorite of the T.V. cameras. However, as the game progressed and

the Irish fell further and further into void, the man slowly changed his opinion of "his" team. After halftime, he came back to his seat with a large beer, wearing an SC cap.

Then there is the person who blames everything that happens on the referee: Fan: "Why don't you get some glasses you blind old bat?" It never fails, if his team is behind it's always because the ref did a crummy job of calling the game. Not crummy on both sides of the field, just on his. However, when the ref makes a bad call but it goes in the favor of his team, you're likely to hear, "Good call. That's the way!"

Fan number three is the loyal fan. This person shows up at every game no matter what shape he or the team is in. Most of the crowd at Padre games this year consisted of the "loyal fan."

We now come to one of the most popular fans, the heckler.

It really doesn't matter in this case whose side the edge is on, just as long as there is something to yell about. A few cold beers will usually put the heckler into the mood to heckle, and he never leaves a game before it is over. A common comment from this guy is, "Come on, you S.O.B.'s, show those guys you aren't a bunch of ----- and kick the ----- out of 'em." No doubt you've run into a few of these guys before.

Perhaps the fan that people don't really think of too often is the parent of a boy or girl who is playing. This fan can fall into any of the former classes. He can be the quiet bystander who congratulates the coach after the game. He can be the loudest person in the stands, e.g. "That's my boy out there." Or, he can be the person who drags all of his friends and neighbors to watch his kid play.

please turn to page 16

ATHLETE OF THE WEEK

Tammy Smit — Women's Volleyball

As an outside hitter on the Triton's #1 ranked volleyball team, Tammy Smit has clearly made an effort to secure her position. For a good example, Tammy had eight service aces and made eight out of ten kills in last Friday's victory over Claremont College. With a .366 hitting percentage, she is the leading hitter on the team. She also heads the list for most blocks with 27, and has a game high record for UCSD with 17 kills. Coach Doug Dannevik includes, "Tammy is always a positive player and really enjoys playing the game."



Tammy Smit

Triton Sports Log

Friday — Men's water polo vs. Cal State Los Angeles, home pool 3:30pm
Women's volleyball vs. Westmont College, there 7pm

Saturday — Men's soccer vs. Point Loma College, there 3:30pm
Men's and women's soccer vs. Cal State Dominguez Hills, there 10am
Women's volleyball vs. Cal Lutheran, there 2pm

All weekend — Men's water polo at Cal Poly San Luis Obispo Tourney, 10am



I wonder if Arnold Palmer will make the putt?

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Tokyo Quartet here
 By GORDON HOWARD

The internationally renowned Tokyo String Quartet, acclaimed as one of the best chamber groups in the world, will perform this Saturday, at 8 p.m. in the Mandeville Auditorium.

The quartet was formed at the Julliard School of New York in 1969, and since then has toured extensively, won prestigious international competitions, and risen to the heights of the string quartet world. The program for this Saturday includes Mozart's Quartet No. 21 in D Major, Schubert's Quartet in D Minor, No. 14, and "A way a lone," a piece composed by Japanese composer Toru Takemitsu and premiered by the quartet earlier this year at New York's Carnegie Hall.

Tickets are available at The Turntable, located at 7852 Girard in La Jolla for an astronomical \$15. However beginning an hour before the performance, unsold tickets will be available at the door to students at \$7, which is still a small fortune on a normal student budget. It is obvious that the La Jolla Chamber Music Society, sponsors of this performance, is not aiming its program towards a student clientele. However \$7 is not outrageous, considering the world-class reputation of the Tokyo Quartet, and also in comparison to what people pay to see a mediocre rock group at the acoustically atrocious Sports Arena.

Atomicafe turns in fine show
 BY TIM AUGUST
 Staff Writer

Tuesday night's Atomicafe concert proved to be everything it was supposed to be and a bit more. The fantastic divergence of material seen and heard made for an evening of eclectic surprises.

A capacity crowd also added to the evening's program. One hundred plus people filled the Mandeville Recital Hall and seemed to receive the program quite well. Comments by attendees ranged from the undecided, "I can't explain it" to the nebulous, "it seemed to be an experimental kind of ambiguous airing of ideas rather than a presentation or performance."

concerts

This year's director Rick Boulanger thought that the performance "went really well" and was pleased that the attendance was so good. In fact, Boulanger believes that this concert represented the best turnout for a season opening Atomicafe concert.

The great range of styles presented allowed for an impressive and often challenging atmosphere; one that ultimately resulted in a generally auspicious event.

The first piece, *Woodwind Quintet in F major* represented a new direction for composer Nicholas Verin. His work in the past has been self-described as "more abrasive" with his roots being more in the rock genre rather than contemporary music.

The performance *Quintet* consisted of a score written for flute, oboe, clarinet, french horn, and bassoon; that was approximated on a digital/please turn to page 17

Cheap thrills on Saturday night
 BY MIKEL TOOMBS

The action commences in a strange, nightmarish, low-budget world, inhabited by 1970s people driving 1940s cars. A young couple, soon to be newlyweds (or so they think), motors into a cemetery and proceeds to fool around. A disapproving vampire rises from his crypt and impales the boy on a tombstone, then hauls the girl off to an empty grave and rapes her, adding insult to injury by draining off some of her blood.

Things go from bad to worse. The girl—billed in the credits as "The Unwilling Mother"—has the vampire's son (shades of *Rosemary's Baby*), which she bottle-feeds with her own blood (shades of *Little Shop of Horrors*). The kid grows to manhood—and to be portrayed by the relentlessly inert William (*Invasion of the Bee Girls*) Smith—obsessed with finding and destroying his father. Dad turns up to teach a University Extension night class on the occult.

It's still even more downhill from there, what with a couple of grisly murders (the victims include a librarian who refuses to let the vampire check out a book), a shower scene which won't make anyone forget *Psycho*, an obligatory seance and one of those cop-out "The End—Or Is It?" finishes.

Vampire from the Grave was an appropriately horrible choice to kick off Channel Nine's new "Murder Macabre" series (Saturday nights at 8 p.m. and Sunday afternoons at 4 p.m.). "Movie Macabre" is the latest in a fine Southern California tradition of cheap creature features, and is hosted by an imposing young lady dubbed "Elvira." (Her name is derived, rather unimaginatively, from that of '50 L.A. scenemaker Vampira, who appeared in the wonderfully incompetent film *Plan Nine from Outer Space* along with a half-dead Bela Lugosi.)

Elvira and "Movie Ma-

cabre" are following in the groundbreaking wake of Channel Ten's "Moona Lisa" Clark and the late great Larry "Seymour" Vincent. Seymour's "Fright Night" in the late '60s and early '70s, with his clever commentary on uncles movies and inspired comedic set pieces, established a standard which will probably never be equalled; his technique was recently exploited *ad absurdum* by Sal U. Lloyd on Channel Six's "Disasterpiece Theater."

Cassandra "Elvira" Peterson seems to have more for the size of her chest than of her acting ability, but at least she's better than her movies. In fact, her delivery of writer Larry Thomas' often funny material, such as a debate over whether stolid star Smith is doing a bad Kirk Douglas or a good Jack Palance imitation, can be rather amusing. She is aided immeasurably by the commercial cameos of Chucklin' Cal Worthington, whose incessant used-car spheeling represents a fine, bad Southern California tradition itself.

The Arts

Exciting line-up planned for La Jolla Jazz Festival

Four big performances set for this weekend as third annual gala opens in Balboa Park

This Friday the third annual La Jolla Jazz Festival opens at the Old Globe Festival Stage in Balboa Park. The festival runs through Sunday and features 14 bands in four performances in the amphitheater.

"This festival will be the best San Diego has ever seen. The lineup is dynamite with superb artists and creative programming," says Rob Hagey who is directing the production.

A wide range of jazz styles will be presented, including be-bop, blues, swing, gospel and progressive. Familiar talent and newcomers combine to make this a promising event.

Friday night's show starts at 7:30 p.m. and is opened by the James Newton Woodwind Quintet.

Newton is a flutist of extraordinary talent, who combines jazz and classical in his performance. The *New York Times* calls him the most accomplished and original flutist now playing jazz. Red Callender on tuba, John Carter on clarinet, Charles Owens on oboe and English horn and John Nunez on bassoon, round out the quintet.

Next on the bill for Friday is Abbey Lincoln who is as skillful a songwriter as she is a singer. She is often compared to Billie Holiday. Lincoln has just released a new album, *Golden Lady*.

The final group on Friday is the New Charles Lloyd Quartet featuring Michel Petruciani. Tenor saxophonist Charles Lloyd has been involved in the innovative jazz scene for over twenty years, but he is just returning from a hiatus. Michel Petruciani is an 18-year-old pianist with sensational talent.

Saturday, two shows are to be performed, one at noon and the other at 7:30 p.m. Four acts fill the early show. Jimmy Cheatham directs the UCSD Big Band which is entering their fourth year. Cheatham is co-director of the music department on campus, and also is an accomplished trombonist.

Following the Big Band will be the special sounds of the Dexter Gordon Quartet. Gordon remains a master of the tenor saxophone, and last year was named Jazzman of the Year by *Downbeat Magazine*.

The Persuasions are billed as America's top a cappella group. Their combined choir, gospel, soul and street corner sounds have made them popular across the country.

Closing out the early show on Saturday is the Chico Freeman Quartet. Freeman states "You can expect anything from me," and he's right. He plays tenor sax, flute and bass clarinet in this show.

Saturday evening has a promising line-up with an opening act from Del Mar. Peter Sprague and Road Work Ahead features new guitarist Peter Sprague from North County along with pianist Billy Mays, bassist Bob Magnussen and drummer Jim Plank.



Art Pepper (left) and Dexter Gordon perform at this weekend's jazz festival.

The Toshiko Akiyoshi/Lew Tabackin Quartet is regarded as the world's finest big band. This group has won numerous awards and polls. The Freddie Hubbard Quintet closes things out Saturday night. Hubbard has been a star trumpet player since an early age and still performs with the same bold, brassy playing style.

The final day of the festival presents four outstanding acts. The Andy Narell Quartet is unique in the fact that it has a steel drum player as a leader. Narell has released two solid albums, *Hidden Treasure* and *Stickman*.

Charlie Musselwhite and The Dynatoners bring the Chicago blues to town. Musselwhite helped shape a generation of music with his rough and tumble blues and vocal vigor. He remains one of a handful of pre-

eminent harp players.

A master of be-bop and ballads, Art Pepper leads the Art Pepper Quartet (what else) in a brilliant performance of jazz, the way it's meant to be. Pepper is flanked by George Cables on piano, Bob Magnussen on bass, and Carl Burnett on drums.

The last act of the 1981 La Jolla Jazz Festival is the Etta James Band. Possibly the best performer on the entire bill, James is one of the finest female rock and blues vocalists around today. She is noted for her overwhelming power and stunning emotional intensity.

Well, that just about does it. Everything you ever wanted to hear and more is in the La Jolla Jazz Festival. Tickets are available at the Old Globe Box Office. For more information call 239-2257.

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 FREE PARKING
TATTOO
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PATERNITY
 12:45, 2:45, 4:45, 6:45, 8:45, 10:45 (PG)


SO FINE
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By Douglas Dunn

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Intramural spotlight: surfing

BY VALERI S. ANDERS

UCSD's 5th annual intramural surfing championships are taking place one week from this Saturday, (October 17th - 7:00 a.m.-12:00 p.m.) at Black's Beach. Men's and women's varsity surf teams will be chosen at the competition, and these teams will compete in intercollegiate matches later in the year.

"We're using this to draw the surfing talent on campus," said Alex Bravo, assistant surfing coach and member of UCSD's "80-81" team that went 10-1 last year. Bravo expects to see many new faces at Black's next weekend, adding that several excellent surfers are new to UCSD this year and should assure the team of a good record this year as well.

Prizes from local surf shops and trophies will be awarded to the top finishers in each event. The Men's Open division is for the more experienced, and is where the toughest competition for men takes place (prizes for the top six finishers). Men's Novice, for the less experienced, Women's Open, and Knee-board competition (prizes for the top three finishers in these events) will also be held.

The entry fee is \$5.00 before October 16th, 5:00 p.m., (sign up in the rec. office) and \$7.00 on the beach. Judges for the event will be among the most distinguished in surfing competition and in the surfing industry—in Southern California.

Six people will compete in each heat, with 15 minutes to catch as many waves as possible. The top three waves will be scored, and the three finishers with the most points will advance to the next heat.

Surfers will be judged for each wave on: length of ride, size of wave, and maneuvers performed in the critical part of the wave.

Black's Beach was chosen as the site for this competition because of the way "it picks up a swell" says Bravo, also noting that Black's is one of the best surfing locations in Southern Cal.

The fan

continued from page 13

There is one thing in common with most all of these people. They want their team to win. If their team loses they will shout, cry, jump up and down and cuss the hell out of anyone standing by. Or, they will simply go home and wait for next week.

Why does the fan go to watch such spectacle of skill and strength? The answer varies quite a bit. Some just go to get away from the wife and kids, others go to get away from the husband and kids, while still others go to get away from mom and dad. The sports event is one place that you can let all of your frustrations out in public and not worry about what other people think of you. So if you haven't had the opportunity to really scream and shout in a little while, come on out and watch 'em go at it. There is a little bit of fan in all of us — we just have different ways of playing the role.



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Atomicafe provides an evening of surprises

continued from page 14
 computer synthesizer and played back with the various musicians mimicking their respective parts. Then the piece was repeated with the musicians actually playing the composition.

The combination of tape and instruments seemed to be a comical approach to performing the work but the end result was satisfying. Also, the piece had an upbeat kind of sound which contributed to the facetiousness of the piece.

Victor Zupanc's *Ode to Oliver* represented for me one of the musical high points of the evening. Like Verin's piece, *Oliver* was composed on a digital/computer synthesizer, an infinitely versatile instrument that can produce an endless variety of sounds. The sample and hold technique created washes of sound — ranging from percussive video game-like sounds to room-shaking low frequency vibrations that amply demonstrated the quality of the sound system used for the performance.

John Wolf's theater performance piece could best be described as very strange. The *script* ranged from very gruff vocalizations of vowel-like sounds to unusual mannerisms like shoveling. The action was stepped up by single hand claps creating a paced mini-vignette of scenes culminating in a four part monologue proclaiming "I am limitless power. I am

perfection, I am infinity — I am!" Very strange indeed.

David Dramm's composition *Omero* at first came across as a series of explosions or the sound of compression brakes on a big rig diesel. However, Dramm intended the piece to "flow with a bloodline running through it." A repetition through variation or "slow evolution to eventually contrast with itself" was the intent, but the general consensus was that it sounded like a series of explosions.

The video work by Jan Peacock broke up the musical performances and made for a pleasant if not unusual digression. *News From The In-Between* can best be described as the collage of lifestyles experienced by the composer. A brief intermission was followed by probably the evenings most esoteric piece, Catherine Shieve's *Weaving*. Shieve, who has several albums out on the Folkways label, provided a score that was often fugue-like in presentation, with the instruments (flute, recorder, bassoon, cello, bass, vibs and voice) taking on an imitative sound, making for an eerie but oddly beautiful piece.

Certainly the most powerful work of the evening was Lee Ray's *A Portion of Catalog of Catalogs*. The combination of tape, two simultaneous monologues and slides were interesting but the most engaging part of this

performance was the juxtaposition of the best-seller *Scruples* and the writings of Jim Jones. The absurdness of *Scruples* combined with Jones' words made for a comical effect; one that was probably

not intended by the composer who were there found something to enjoy. Atomicafe's next performance will be November 3, which promises to have more musical performances, including Mayer's *Like*.

Happenings on campus

Benefit concert

Shanghai was the first cultural event to be televised live via satellite from China to the United States.

Actor Eric Christmas will be master of ceremonies for a concert featuring the San Diego Youth Symphony Woodwind Quintet, Sam Hinton, Harkins and Larson (THE), the Rhoades School Children's Choir and the Hispanic Mexican Ballet here Sunday.

The second annual Day Care Benefit Concert will begin at 7:30 p.m. in the Mandeville Center Auditorium. Admission is \$3.50 for the general public and \$2.50 for students and children. Tickets are available at the UCSD UEO box office, 452-4559 or at the Day Care Center, 452-2768.

The Woodwind Quintet performers are part of the world acclaimed 84-member San Diego Youth Symphony, who recently returned from a concert tour of The Philippines, Hong Kong and The People's Republic of China. Their performance in

Dance group

The opening concert of Three's Company's 1981-82 season will be presented at 8:00 p.m. on Friday, at Mandeville Auditorium. The concert is presented in cooperation with the Department of Drama.

A literary masterpiece, primitive movement styles and orchestral jazz music have provided the choreographic inspiration for pieces chosen for the concert. Each of Three's Company's artistic directors, Jean Isaacs, Patrick Nallet and Betzi Roe, will present a work on a program of widely varied theme, mood and style.

Tickets are available from Three's Company or through the UCSD Box Office. Ticket prices are \$8.50 and \$6.50. For further information phone 296-9523 or 222-2555.

One-act plays

A pair of one-act plays will be presented in *An Evening of Pinter and Albee* at 8 p.m. October 10, 11, 13 and 14 in the Mandeville Center Recital Hall.

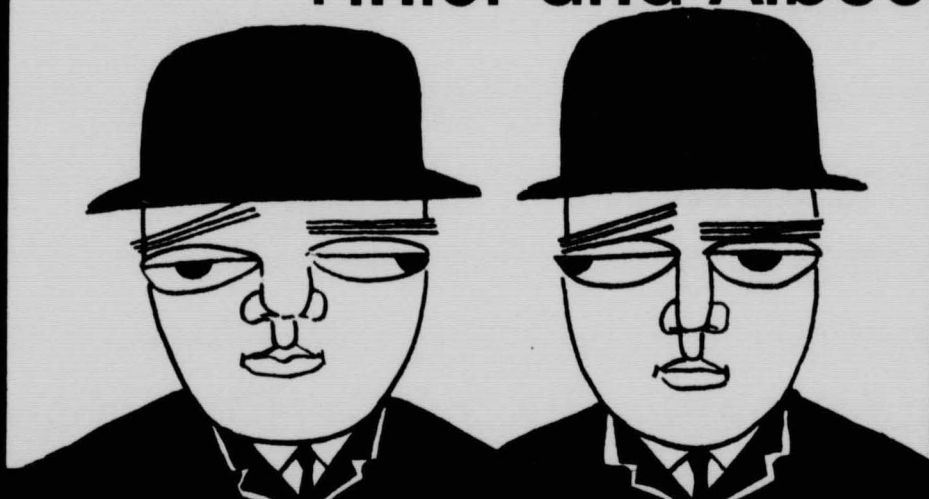
John Lymberg, a senior majoring in drama at UCSD will direct *The Dumbwaiter* by Harold Pinter and *The Zoo Story* by Edward Albee. Lymberg describes the plays as tragi-comedies with some very humorous pieces of dialogue.

Admission to the two one-acts is \$1.50. The show is sponsored by the Undergraduate Theatre Company and the Department of Drama.

Hello Friday

Once again this Friday it's time to break lose and have a few too many. This week's TGIF features the Siers Brothers in concert. The festivities begin at 3 p.m.

An Evening of Pinter and Albee



The Undergraduate Theatre Company in conjunction with the Department of Drama presents two one-act plays

The Dumbwaiter by Harold Pinter
and
The Zoo Story by Edward Albee

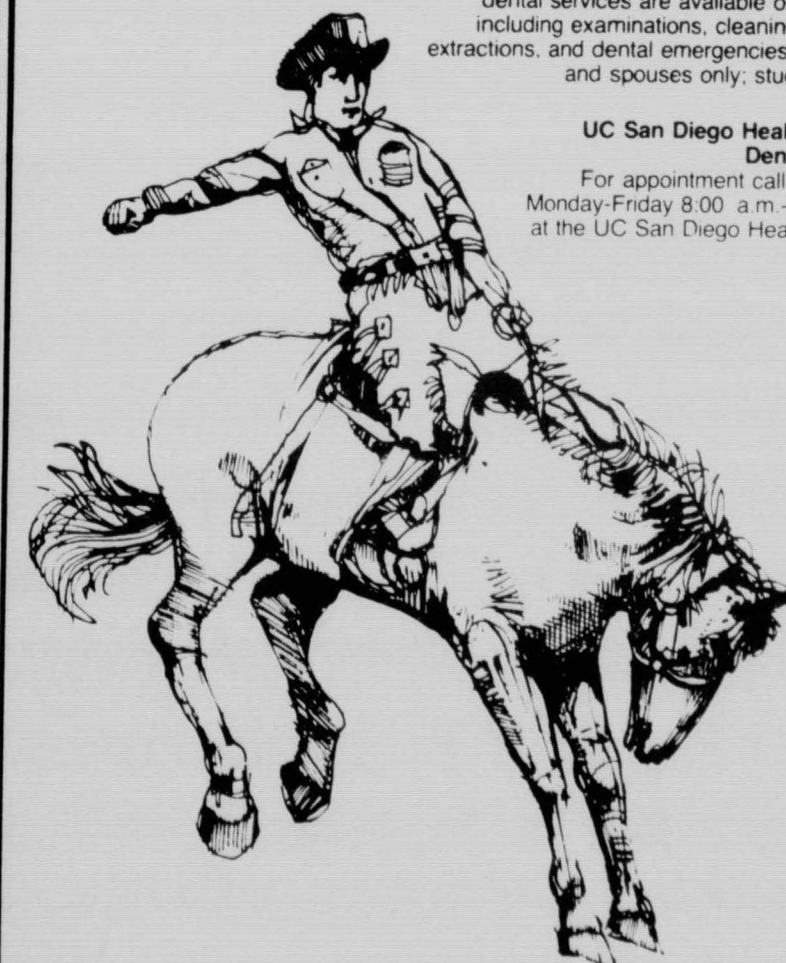
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ERLANGER THE EXCEPTION

Creation science

record. Why do the fossils of dinosaurs never occur in the same formations as those of large mammals? Why do the fossils of marine mammals never occur in the same formations as those of trilobites, or ammonites, or graptolites. I could give many more examples like these, but I think the point has been made. If the Creationists wanted to believe in theistic evolution, or that there were several widely spaced episodes of special creation, it might be much more difficult for a conventional evolutionist to argue with them. However, their only goal is to revive the hoary notion that science can verify the biblical account of creation, when, in fact, it does not.

Mr. Clayton says that there are "thousands of scientists with advanced degrees...who favor the creationist viewpoint..." Significantly not one is a Nobel prize winner. Not one is a truly distinguished contributor to scientific knowledge. Their only distinguishing characteristic is that they have allowed their religious beliefs to interfere with their professional integrity.

One interesting note: Dr. Henry Morris, who heads the Institute for Creation Research, received an LL.D degree from Bob Jones University in 1966. Bob Jones University is a Christian school in South Carolina that did not admit black students until 1973, after they were threatened with loss of their tax-exempt status. Thus, it appears that some of the most prominent Creationists have close associations with those who believe not only in six-day special creation and the "Noahic" flood, but also in biblically ordained racial segregation and white supremacy. This is not the verion of Christianity that I would want to be associated with.

David Sensiper

Mayor announces WOWeek

San Diego Mayor Pete Wilson has proclaimed Oct. 19-24 "Women's Opportunities Week" in the city.

The purpose of Women's Opportunities Week is to create an awareness of the resources and opportunities available for women's growth, recognition of women's contributions to society and to offer support in the common goals of striving for personal and professional development. Its aim is to help all women — those at home, in school and those in the work force.

recycle this paper

Classifieds

announcements

How can you meet people, make contacts and have fun at the same time? By joining the AS Internship staff. Come and reap the benefits of our organization. And help place students in internships around the country. Call 452-4689. (10/8)

Find yourself sleeping in morning classes? Join the Computer Coffee Club now in the community center. \$2.00 for this quarter. (10/15)

The Beatles' Yellow Submarine, Bambi Meets Godzilla, Wizard of Speed, Evolution, and many more. Sat., 10/10, USB 2722 8:00 & 10:30. \$2.00. Sponsored by the Econ. & Mgmt. Sci. Students' Assn. (10/8)

Free!! 8 month old kitty needs good home. Male, yellow short hair, friendly and house trained. Call Ann 452-8738 or David 452-9274. (11/1)

SKI SKILL SKII! SAN DIEGO COUNTY'S ONLY revolving carpeted Ski Machine is now open with a SPECIAL thru Oct. 15. Bring-A-Friend, 2 for 1. It's the safest, fastest, and most effective way to learn, improve, or practice your skiing skills while conditioning the legs — for the beginner to expert. One hour on the Ski Machine equals a day on the slopes. ADVENTURE SKI SCHOOL at Hansen's, Encinitas. Call 942-2188. (10/15)

A maximum of 30 new students will be accepted into the Academic Internship Program for Winter quarter. Deadlines for completed Special Studies Forms: 4 units: Dec. 4. More than 4 cumulative units: Nov. 20. Approximately 4 weeks are required to set up an academic internship, so apply immediately for Winter Quarter. (11/12)

Commuters: play volleyball, socialize and enjoy at Sat. Volleyball Tourny. Sign-up in Community Center. Sponsored by CAB. (10/8)

Would you really know what to do for a choking child? A drowning victim? A relative with a heart attack? Become ARC certified cardiopulmonary resuscitation at the Student Health Center. Come in or call 452-3300 for information on classes now forming. (10/15)

PIANO and VOCLN LESSONS for beginners. Given at UCSD. 6 years teaching experience, \$5/half hour. Vivien, 453-2957. (10/12)

Dont miss the Three Stooges film festival. Six films for a buck Friday, Muir Cafe. 8:30 pm. (10/8)

BACKGAMMON PLAYERS! Send for a free copy of premier issue of Backgammon Times, exciting and intelligent reading. Write: 575 Madison Ave. NYC 10022, Rm. 1006. (10/8)

Gymnasts: UCSD may be able to start a women's intercollegiate gymnastics team. All skill levels welcome. If interested call Amy at 453-7965. (10/8)

Tired of homework? Come to the Three Stooges Film Festival. Friday, Muir Cafeteria. 8:30 pm. (10/8)

TGIF and open house at Groundwork Books in the Student Center, Fri. Oct. 9, 4:30-6:30. What is a collective? Lively discussion, your questions answered, refreshments. Come visit us. (10/8)

STEEL BREEZE is looking for a versatile MALE VOCALIST and a KEYBOARDIST to play ROCK-AND-ROLL originals and covers. Len or Steve, 455-9095. Leave msg. (10/8)

wanted

WANTED: Paid subjects for psychology experiment. \$25 for 6 one-hour sessions, beginning Mon Oct. 12. Call Bob Root 452-4599 or 457-4272. (10/8)

Bindy inserters. Part-time work, day or night shifts. No experience necessary but must be able to work fast. San Diego Post Press. 597 Westlake, Encinitas. 453-7314. (10/15)

Lipid Research Lab needs Work Study student 10 hr./week to clean laboratory glassware. Opportunity to learn research procedures. Contact Joe Juliano, VA hosp. 453-7500, ext. 3712. (10/19)

Men! Women! Jobs on ships! American. Foreign. No experience required. Excellent pay. Worldwide travel. Summer job or career. Send \$3.00 for information. SEAFAX, Dept. B-7, Box 2049, Port Angeles, Washington 98362. (10/8)

Overseas Jobs — Summer/year round. Europe, S. Amer., Australia, Asia. All fields. \$500-\$1900 monthly. Sightseeing. Free info. Write IJC Box 52-CA-19, Corona Del Mar, CA 92625. (10/29)

WANTED: children for psychology experiment on observing behavior. No skill involved. Ages 4-5, 9-10, 12-13. Approx. \$3.50/session. Contact Debbie, 453-2957. (10/12)

WANTED: TAP SHOES. Size 9-10. 453-9957. (10/12)

Wanted: 3-5 people interested in acting in TV production for children. Call Teri after 8:30 pm. 748-3061. (10/15)

"Women in Science" seeks babysitters during events. Stipend. Call 272-1757. (10/12)

housing

Master bedroom available for 2, M or F. Near race track \$150 ea. Quiet area. Pool, jacuzzi, wash/dryer. Call Jim or Frank 481-0818, mornings or evenings. (10/8)

Female roommate wanted for great Encinitas house. Own room, bathrm & bed avail. Incld. wsh & dry, dishwasher, frpic, pool & tennis crts avail. Must be clean, nonsmoker, no pets. Close to bus. \$160/mo., \$50 depst. low utils. Call Marion at 436-4310. (10/12)

ROOMMATE WANTED: Responsible, clean and considerate male to share condo with 2 others. 1 mile from UCSD. \$185/mo. for own room. Pool & jacuzzi. Call eves Ken or Dave, 452-7574. (10/8)

Roommates wanted: beautiful CONDO NEAR CAMPUS, \$150 PER MONTH to share plus utilities. Includes Pool, jacuzzi, Lighted Tennis Courts, Racquetball Courts, and 2 Man-Made Lakes! Call 483-0934 (Dale) after 8pm. (10/8)

Roommates needed for huge La Jolla house with terrific view. \$250 plus deposit, own room and bath. Call 454-7089. (10/19)

Studiomate wanted. Convenient location. \$145/mo. plus ut. Pool, Sauna, game room. Call Dave after 9 pm weekdays, 6 pm weekends. Keep trying. 279-0109. (10/8)

For rent: 3 bd 2 bath condo, pool, linen, etc. fully furn. Avail Oct-June 15, Encinitas, \$600. 436-7995. (10/12)

Housemate wanted: non-smoker, nondrug user, for 2 bedroom apartment in PB near buses, beach. \$212. fra. 272-0781. (10/8)

for sale

KING SIZE BED/good condition. \$75. Mark, 456-2709. (10/8)

For sale — 2 tickets to 10/9 concert LA performance of the Rolling Stones. Will take best offer. Call 481-5904 and ask for John. (10/8)

1948 Plymouth Special delux 4 door sedan with rebuilt original engine comes with all new wool fabric for upholstery. \$1375 or best offer. 755-5460. (10/8)

1966 Slant 6 Chrysler engine, \$15. 755-5460 (10/8)

1981 cute striped kittens. All different colors. Well trained by excellent mother. Hurry for best selection. 755-5460. (10/8)

For sale — never before used. Cannon 35-mm AE-1, 50 mm 1.4 lens, 3.8 80-210 mm Prostaff Zoom w/macro and outwinder. Only \$400. Call 457-3871, ask for Peter. All warranties included. (5/8)

VW '68 fastback 4 speed, Michelins. Good condition in/out. Blue, \$900. 453-1996. (10/13)

Guild 12 string guitar, model F112, excellent. \$400 w/hardshell case. 298-7239. (10/8)

Moped '78 for sale. exlnt. price. good condition. Call Barbara 459-8137. (10/8)

1981 3-way speakers. Perfect condition. Reg. \$750 must sell for \$300 or best offer. Ask for Curt, 457-4699. (10/15)

'78 Camaro ac, am-fm cassette, 38,000 mi. \$3850 call Alex 481-3574 w/nds, or wklys after 5:30. (10/8)

WEIGHT BENCH w/leg extension \$50. Damon 453-6377. (10/12)

Mattress and box springs, Queen size, still in carton. worth \$499, sacrifice \$165. Call 274-9275. (10/8)

Mattress and box springs full size still in carton. Worth \$299, sacrifice: \$99. Call 274-9275. (10/8)

VW SQUAREBACK, New eng, trans. A-1 cond. Must sell, \$2200 o.b.o. 436-8448. (10/12)

1971 Pontiac Firebird 350. 130,000 mi, auto, runs great. \$1000. 452-7142. (10/12)

1974 Honda CB 360, 7,800 miles, excellent condition, many extras, \$650. Call 578-2957. (10/8)

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israel \$710, London \$485, Tokyo \$735, Peru \$690. T.E.E. 511 La Cienega #216, LA, CA 90048. (213) 854-0637 (11/23)

personals

Oh my, Bonnie has a rash, and has to make a dash, to find the one named Clyde, it's the only place to hide. How are you this lovely day? How much longer til it's safe to play? LYC-D (10/8)

Katie, Steph and Cindy: You are all the lusts of my life. Thanks for the hat and the bubbly. Love Marvin. (10/8)

To everyone in F-House who helped me celebrate the big 2-0. Thanks, it was the best one yet. Love Mike. (10/8)

To My Baby Elephant: having not much of a time, wish you were here. Love Pete Puma. (10/8)

Hey ACE — Don't forget to save next Friday for Casino Night at Reville Cafe. -Scooter. (10/8)

DAMON BABY! I'm waiting oh-so-patiently for our first dance tomorrow night. Until then... —your Bed Buddy. (10/8)

I've Got a Hole In My Pocket. Come see it Saturday Oct. 10, USB 2722, 8 & 10:30 pm. The Animation Festival! (10/8)

Marianne, you're just not worth it. (10/8)

Quiche-Nights shouldn't be lonely — That's why you've got a Bed Buddy! (BB#1) (10/8)

M.H. Don't despair, I won't give up. (10/8)

It's not that funny is it? You don't know what it is. Don't make me, don't make me wait. L. Buckingham (10/8)

Any information regarding break in to 1981 Toyota Camper on Torrey Pines Wed. Sept. 30th please call 275-3030 or PO box 33406, SD 922103. Please return all unusable personal items to student center lost and found. No questions asked. (10/8)

Reward: for return of paper bag with dance clothes (incl. ballet slippers) lost 9/29. 455-0872. (10/8)

Pendant watch found 10/5 in the parking lot near HL. Call and describe. 566-5298. (10/12)

Found: 9/28, camera at the corner of North Torrey Pines and Genessee. Call 453-5738. (10/12)

Found, student book pack, USB. Identify. X2060. (10/12)

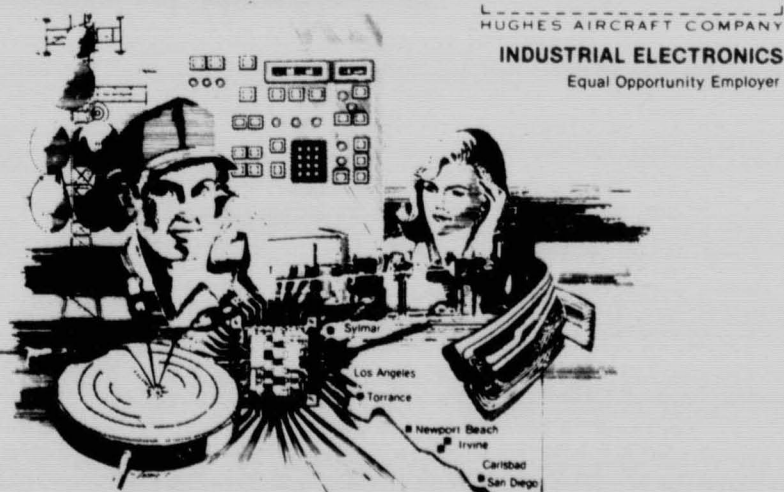
Lost near the Chancellor's office: black camera bag and passport. If found please return. 9192H Regents Rd. La Jolla Ca. 92037. Phone: 450-1466. (10/15)

Lost: a brown wallet with irreplaceable ID. \$5 reward. Lost at the Warren Apts Thursday night. If found, call 450-9074. (10/12)

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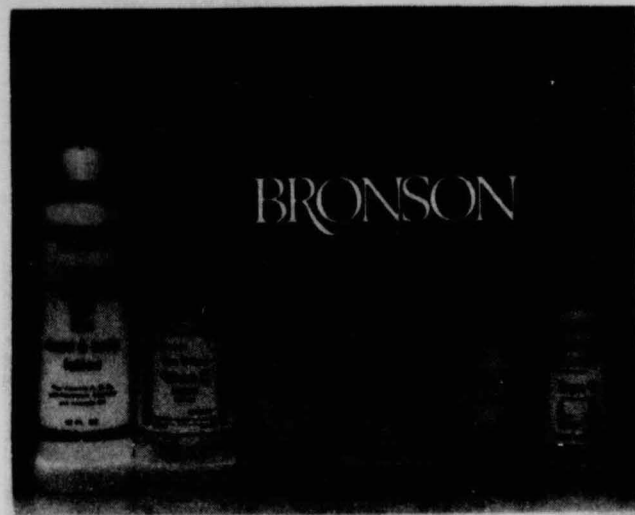
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YOU GET A GOOD RUN FOR YOUR MONEY

Saturday, November 7, 1981
Los Angeles Zoo
Griffith Park
Los Angeles, California
Starting Time: 8:00 a.m.



On Saturday, November 7th, Bronson will sponsor a 10 Kilometer run at the Los Angeles Zoo. The L.A. Zoo is located in beautiful Griffith Park, a Runners World Selection, as one of the premier running courses in the United States.

The LAZOO RUN will be held on a very fast (net elevation drop) certified course sanctioned by SPA/TAC. Sixty awards will be given to top finishers, plus drawings for prizes and merchandise. Immediately following the awards presentation, Dr. Linus Pauling, a two time Nobel Prize Laureate, will be the featured guest speaker. All proceeds from the LAZOO RUN will go to benefit The Linus Pauling Institute of Science and Medicine.

The deadline for pre-registration is October 31st. Seven dollars for T-Shirt and run, five dollars for T-Shirt only, and three dollars for the run only. Results will be mailed to all registered runners.

For entry forms and more information, write to Ed Fitzjarrell, Race Director, P.O. Box 745, La Canada, CA 91011, or call Bronson Pharmaceuticals at (213) 790-2646, ext. 18.

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BENEFITS: Excellent package includes 30 days' earned annual vacation. Medical/dental/low cost life insurance coverage and other tax-free incentives. Dependents' benefits available. Promotion program included.

PROCEDURE: Send résumé to, or call: Naval Management Programs.

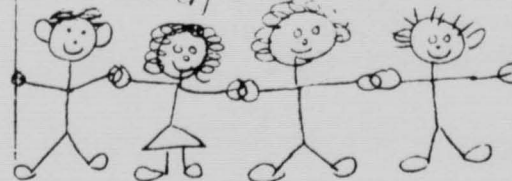
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