The UCSD Guardian

UNIVERSITY OF CALIFORNIA, SAN DIEGO

WEDNESDAY, JANUARY 4, 1989

VOLUME 66, #1

The same of the sa



\$750,000 Award

NASA Gives UCSD Money for Research

The National Aeronautics and Space Administration (NASA) awarded \$750,000 to UCSD's Center for Astrophysics and Space Sciences (CASS) to complete five years of planning and definition for an X-ray astronomy instrument to be launched aboard an Explorer satellite in

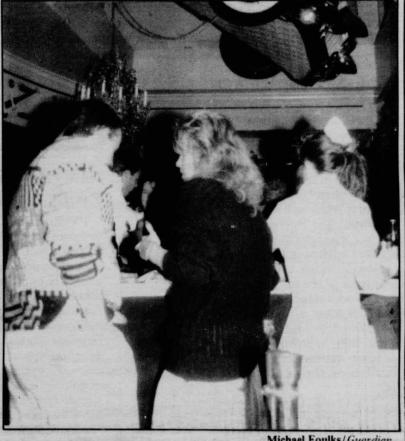
Design and construction of the multimillion-dollar instrument, called the UCSD High Energy Xray Timing Experiment, is scheduled to begin on campus next October, said Richard E. Rothschild, CASS research physicist and principal investigator of the project.

The instrument will be one of three carried by NASA's X-ray Timing Explorer (XTE) satellite on a two-year mission to study X-ray emissions from extremely compact astrophysical objects such as neutron stars, white dwarfs, black holes and quasars.

XTE will be the first mission dedicated, not to finding new Xray sources, but to intensely observing the details of known sources.

The goal is to learn more about the nature of compact matter, the evolution of star systems containing such objects, and the conditions of cosmic plasmas (ionized gases) subjected to extremes of gravity, magnetic fields and temperature that surround these objects.

We think these X-ray sources are all binary systems in which one of the objects has evolved to a black hole, a white dwarf or a neutron star," Rothschild said. "This highly condensed matter



Michael Foulks/Guardian

Debut - Students gather at the newly opened Hard Rock Cafe in La Jolla. See story, hiatus page 1

with its extreme gravitational field is sucking away the gases from the other star, accelerating them to red heat, white heat, then X-ray

Rothschild said that X-ray sources provide a unique opportunity for scientific study.

"Not only do these systems exhibit strong gravity, but they also have magnetic fields and relativistic phenomena we could never generate on Earth," Roth-

'Superconductivity, superfluids and plasmas of 100 million degrees are also involved. So the mission should also provide new insights about the basic behavior

of particles and fields." The XTE's mission could accomplish several goals. These could include:

• Detecting a spinning neutron star predicted to have been created by a 1987 supernova explosion.

• Determining the internal structor of neutron stars.

• Testing predictions of Einstein's theory of general relativity as it relates to black holes.

• Identifying new black holes and proving whether or not massive black holes are the ultimate power source for quasars and other active galaxies.

The CASS instrument and a second instrument provided by NASA's Goddard Space Flight Center will make observations over almost the entire X-ray band.

UCSD Researchers Able to Reduce Epilepsy in Rats

Epileptic activity in seizure- the central nervous system. prone rats was significantly reduced following grafting of fetal rat brainstem tissue into the brains of the affected rats, researchers from the UCSD School of Medicine reported in the Dec. 23 issue of the Proceedings of the National Academy of Science.

In the same study, the researchers also found that grafts of fetal rat brain tissue from the hippocampus (that area of the brain most vulnerable to epileptic activity) had the opposite effect, causing an increase in seizures and in interictal spikes, bursts of activity in the brain characteristic of

"It is very important that we now have a new chronic model for epilepsy that will allow us to closely study the mechanisms underlying seizures and bursting patterns," said Gyorgy Buzsaki, associate professor of neurosciences and principal author of the

The researchers also concluded that "the present investigation demonstrates the potential of neuronal transplants to control epileptic activity," stressing the importance of further scientific studies to clarify the specific tissue type appropriate for grafting, since hippocampal tissue was found to cause irreversible damage.

According to Fred H. Gage, professor of neurosciences and co-author of the paper, this work is an important step toward establishing effective methods of restoring or correcting function in

"Our continuing strategy is to develop model systems so we can evaluate the effectiveness of both cell replacement and replacement of chemicals in the damaged brain," said Gage. "In this model, we see important neural connections being made between graft and host tissue."

This study parallels research by a team in Sweden, which indicates that fetal rat brainstem tissue grafts retard induced seizures in

The UCSD team prepared a model for temporal brain lobe epilepsy in rats by surgically severing specific nerve pathways leading to the hippocampus. These nerve pathways are felt to be critical in the modulation of activity in the hippocampus, a highly excitable region where frequent physiological bursting activity is observed normally in groups of neurons. Buzsaki hypothesizes that this activity is the basis of memory formation.

Once the neuronal pathways that modulate hippocampal activity are removed, the bursting phenomenon observed as interictal spikes and seizures is triggered. When this activity goes beyond the limits of normalcy, epilepsy results.

The next step for the researchers, according to Buzsaki, is to determine the basis of both the suppressive effect of the brainstem cells and the excitatory effects of the hippocampal cells. He predicts this will lead to a bet-

See EPILEPSY, page 11

Invention May Help Smokers Q

By LOREN CHEN Staff Writer

A recent UCSD study revealed that a medication normally used to lower high blood pressure effectively reduces the craving and withdrawal symptoms in people trying to stop smoking.

Steven A. Ornish, a medical doctor and principal author of the study, reported in the September issue of the American Association's Archives of Internal Medicine that clonidine absorbed through the skin lowered craving, irritability, anxiety and restlessness levels in smokers trying to quit by nearly 400 percent. The effect was observed during the first three days of smoking cessation.

Now a psychiatrist conducting a private practice through a smoking clinic, Ornish conducted the study in 1987 when he was chief resident in psychiatry at the UCSD Medical Center.



In this study, the clonidine is given in the form of an adhesive patch worn on the chest and is absorbed through the skin (transdermally) where it enters the bloodstream.

According to Ornish, the skin patch, which can be worn for a week at a time, has a significant advantage over pills: By facilitating a more even release of clonidine into the bloodstream, the patch helps reduce the side effects experienced with other methods of treatment.

Transdermal clonidine, he

says, is also more effective than nicotine gum. Most studies show that the gum does not significantly improve the success rate of quitting in the long-term. Instead, some people become addicted to the gum itself.

"Finding an effective way to help people stop smoking is extremely important," Ornish said. "Cigarette smoking leads to about 350,000 deaths each year in the United States, making it the most common and deadliest

"Nicotine is one of the most addictive drugs known to man, as addictive as heroin or cocaine," Ornish said. "When smokers quit, they go into a withdrawal state, just as heroin addicts to into withdrawal if they suddenly give up heroin."

In the study, people who had

See DISCOVERY, page 9

New Theories Help Scripps Predict Weather

By REBEKAH YOUNG

Contributing Writer

The Scripps Institution's Experimental Climate Forecast Center recently released its weather prediction for upcoming weeks based on a new theory of climatic patterns.

Jerome Namias and Dan Cayan, of the Forecast Center, predict that the western region of the country will experience an unusually cold winter while the southwest and east will have an unusually warm season.

The Center's prediction tests the theory that ocean temperature anomolies interact with the overlying atmospheric pressure patterns as well as with the path of the jet stream over North

The ocean plays a key role in the determination of worldwide climate conditions," Namias said. "Vast warm and cold pools of water, frequently as large as one-fourth the areas of the north Pacific Ocean, are probably generated originally by atmospheric wind systems. These pools, in turn, act as variable heat sources that can influence the overlying atmosphere weeks, months, and sometimes years later."

Namias explained that the Center's forecast is based largely upon prevailing climatic factors in the northern hemisphere and in the tropics, particularly oceanic and atmospheric conditions.

"This forecast hinges upon the tendency for the low pressure in the Gulf of Alaska to strengthen more than usual," Namias said.

See WEATHER, page 11

UC Berkeley Debating Addition of Required Course on Racism

BERKELEY — Although UC Berkeley faculty members have postponed the initiation of a proposed American cultures requirement, another prestigious public university is preparing to accept a new course that is potentially more controversial.

Professors at the University of Michigan at Ann Arbor have approved an interdepartmental course on racism and are considering making it a graduation

"There's a general feeling that the course should be mandatory, but they're still debating that," University of Michigan at Ann Arbor spokesperson Joseph Owsley said. "There is definitely a movement to set it up as a pilot course for the next two semesters."

The Michigan course would be "more complex" than the American cultures requirement being considered at UC Berkeley, Owsley said, in that it deals specifically with racism in the United States.

The Michigan proposal mandates that the course include a discussion of the concept of race, competing theories of racial inequality, examination of people of color through literature, and parallels and contrasts of racism and other forms of social discrimination.

The course will focus on racism against blacks, Latinos, Asian Americans and Native Americans.

The proposed UC Berkeley requirement would focus on the contributions of two out of four ethnic minorities to American history but does not explicitly call for a study of racism.

Instead, it requires a comparison of racial minorities and Euro-American minorities, according to UC Berkeley ethnic studies Professor Ling-chi Wang.

The University of Michigan at Ann Arbor is similar to UC Berkeley in its total enrollment, with 32,422 undergraduate and graduate students. But unlike Berkeley, where no ethnic group constitutes a majority, only 15.4 percent of Ann Arbor students are people of color: 6.2 percent are black, 6.2 percent Asian, 2.5 percent Latino/Chicano, and 0.4 percent Native American.

-Mona Miyasato, The Daily Californian

UC Berkeley Opens 'Liaison' Office in Tokyo to Help Raise Funds

BERKELEY - In a precedent-setting event for universities across the nation, UC Berkeley opened an office in Tokyo the first week in December.

The University is banking on the Tokyo office to raise \$2.25 million in endowments for the Institute of East Asian Studies, University spokesperson Tom Debley said.

The Tokyo office will be headed by Asia scholar Eric Rutledge, and is the first of its kind for the University of California and the first office in Japan for any American university.

The office is intended to act as a "liaison" between the University, its Asian studies programs, alumni in Asia, and businesses and individuals interested in the University, said Assistant Vice Chancellor Glen Grant.

"(Undeniably) part of the purpose of the office is to promote gifts to the University by individuals and (Asian) corporations," Grant said.

On the first leg of their "goodwill" Asian tour, Chancellor I. Michael Heyman, Robert A. Scalapino, director of UC Berkeley's Institute of East Asian Studies and California Alumni Association President Richard G. Heggie participated in the opening.

The University has provided no formal indication of whether it plans further offices in Asia.

Steven M. Markowitz, The Daily Californian

UC Davis Adds War/Peace **Studies Minor to Curriculum**

DAVIS — War/peace studies, the title of a new minor in UC Davis' sociology department, offers a multi-disciplinary approach to factors affecting world war and efforts to establish world peace.

Courses offered within the minor are drawn from various departments on campus, including sociology, political science, applied behavorial sciences, physics, economics, history, American studies, comparative literature, geography and Russian.

"The minor is a 'mayhem of ideas," said John Lofland, a student advisor in the sociology department and an administrative coordinator of the minor. "We are making use of the resources we have.

"We wanted to encourage a free-standing minor so multidisciplinary that not one department would dominate the curriculum," he said.

War/peace studies, approved by the campus administration last June, was initiated by the Davis chapter of the UC Institute on Global Conflict and

-Emily Gest, The California Aggie

UCLA Committee to Define Politices for Fraternities, Sororities

LOS ANGELES — Three campus officials attended the University Policies Commission's Dec. 3 meeting to discuss the rights and responsibilities of fraternities and sororities at UCLA.

Alan Yarnell, vice chancellor of student relations; Chris Fishburn, director of fraternity and sorority























relations; and Berky Nelson, director of the Center for Student Programming attended the UPC meeting to help the commission investigate student policies regulating "officially recognized" organizations. These include social fraternities and sororities.

The investigation responds to a graduate government petition. The government questioned the conduct of fraternity members who painted slogans on Winnebagoes bound for the October UCLA-Berkeley football game. The slogans have since been deemed obscene by some members of the UCLA community.

However, UPC Graduate Representative Kari Shoening said her group is "not investigating the incident, we're investigating the policies."

Yarnell said he and other officials are working on a definitive policy to outline appropriate behavior for Greek organizations. The report should be completed by the end of the academic year.

He said he hopes issue will be resolved within the Interfraternity Council before it reaches an outside body. If Fishburn's office accepts the policies developed by IFC, the issue will not have to be taken to a higher level.

-Joe Quinn, The Daily Bruin



UCSD INFO

New Graduate Fellowship in Pacific Studies at UCSD

Philanthropist M. Larry Lawrence, chairman of the board of the Hotel del Coronado, has donated \$100,000 to UCSD to establish a fellowship for minority women attending the University's new Graduate School of International Relations and Pacific Studies (IR/PS).

First recipient of the M. Larry Lawrence Graduate Fellowship in Pacific Studies is Alejandra Valdez, a Hispanic student in the IR/PS international affairs program. Income from the endowed fellowship will cover the tuition of each year's recipient.

Valdez received a bachelor's degree in political science from UCSD in June 1988. She plans to establish a business career dealing with Latin America, following completion of her master's degree.

Volunteer Opportunities

The Volunteer Connection at UCSD acts as a liason between UCSD staff and students and the San Diego non-profit community. If you are interested in these or any other volunteer opportunities, please stop by our office on the second floor of the Student Center or call us at 534-1414. Show San Diego that students care about the community in which they live!

Crisis Line Counseling

The California Center on Victimology has an immediate need for crisis line volunteers, from 5 p.m. to 9 a.m., three nights a month. Other opportunities range from public relations to administrative support. The center, located in downtown San Diego, offers programs in legal and psychological counseling, especially dealing with child victims of crimes. A five-hour orientation is required and a five-hour a week commitment will be requested.

Children's Waiting Room

Volunteers are needed to work a minimum of three and a half hours a week to provide daily operation of the Children's Waiting Rooms in the County Courthouses. The work includes intake, registration and supervision of children whose parents have business before the court of child witnesses. An orientation is required for all volunteers at the County building in Clairemont before assignment.

Cabrillo National Monument

The old Point Loma lighthouse needs five volunteers to clean the light lens and its brass framework, and to dust and vacuum exhibit rooms and artifacts. Volunteers must be available four hours in the mornings twice a month and be comfortable with fragile objects.

Clairemont Friendship Center

Befriend and assist frail senior citizens in Clairemont. A minimum of two hours a week is required for volunteers to help with crafts, music, and recreation, between the hours of 9

Lights & Sirens

Selected entries from the UCSD police activity log book for the week December 26 through January 2

Monday, December 26

• 3:30 p.m.: A student reported the theft of a computer, a stereo, phones and a television from a Third apartment. Loss: \$2,600. Tuesday, December 27

• 9:44 a.m.: A staff member reported the theft of a typewriter from BSB by an unknown suspect. Value: \$100.

Wednesday, December 28

- 8:30 a.m.: A campus construction worker reported the theft of marble tiles from the Price Center construction site. Police have no suspects. Value: \$300.
- 9:27 p.m.: A 31-year-old non-student was arrested for outstanding warrants at the Main Gym. Police officials say the individual is a transient who has been arrested several times before. He was cited and released.

Thursday, December 29

• 10:30 a.m.: A staff member reported an-unusual phone call from a male non-student who requested information concerning an animal research project at BSB. Police say the information is available to the public, however the caller falsely identified him-

Friday, December 30

• 2:05 a.m.: A SDPD pursuit ended in a collision on Gilman Dr. at the Revelle Service Rd. San Diego police chased Robert Standke, a non-student, to campus where he collided with another vehicle driven by a Muir security guard. The security guard was on his way home when the accident occurred. According to campus police, the security guard was monitoring the pursuit on his police radio and attempted unsuccessfully to get out of the way. Standke was arrested. The vehicle he was driving was determined to be stolen. There were no injuries.

Monday, January 2

• 1:15 p.m.: A female juvenile non-student was arrested at Central Library for the alleged theft of books. The 17-year-old La Jolla High student told police that she needed the books for a school report and that she was going to return them. The suspect allegedly tore the bindings from the books to avoid setting off the alarm at the entrance of the library. The suspect was released to her father. -Compiled by John Shaw

UCSD Crime Prevention Day Planned

A "Crime Prevention and Safe- Evans. ty Awareness Day" will be held at Revelle College on Wednesday,

The event is part of an effort to increase student awareness about personal safety as well as the campus and community resources available to students who are victimized.

It will be sponsored by Revelle College Dean's office, the Revelle Resident Dean's office, and the Student Safety Awareness Pro-

According to program coordinator Lorna Hirae, the event is "a way for students to understand that we care about them."

She continued that "it takes a while for new students to realize the potential dangers ... on our

The program was scheduled for early January so that students will be able to understand the dangers early in the quarter and learn to protect themselves and their belongings, she said.

Hirae also metioned that the services that will be discussed during the program are available to commuter students as well as those living on campus.

The main event will be a public forum [scheduled to begin at noon on Revelle Plaza] titled "Does She Deserve It" concerning the myths about rape.

Angie Hughes and Marissa Westerfield, both Revelle RA's, will facilitate a discussion with a panel of RA's consisting of Bruce Coberly, Lise Deines, and Kathryn

The discussion will focus on the San Diego Police Department.

Other activities on the Plaza will include engraving services The program will end at 7 p.m. devices for sale by the Bike Coop, Lounge.

and a car display sponsored by

Wednesday, January 4, 1989 3

controversial issues related to Registration materials for self men, women, alcohol, sex and defense and first aid classes offered by Canyonview will also be avail-

offered by Community Service with a free self defense workshop Officers, bike and auto safety in the Revelle College Formal

AUTOPORT MALL MIRAMAR

TOM'S Master Mechanics

exclusively VW and AUDI

Service & Repair **Master Technicians VW** · Audi · ASE Certified

% DISCOUNT with this ad • Expires 1/15/89

*Must be presented at time of estimate.





If You Have Friends with VW's, Ask Them About Us; If They Haven't Discovered Us Yet, Ask Us For References.

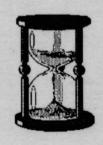
5870 MIRAMAR RD. NEXT DOOR TO DISCOUNT TIRE

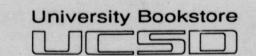
University Bookstore **Extended Hours**



January 3,4,5: 7:45 a.m.-9 p.m. January 6: 7:45 a.m.-6 p.m. January 7: 9:30 a.m.-4:30 p.m. January 9 and 10: 7:45 a.m.-7 p.m.







Regular store hours will resume Wednesday, January 11: Monday-Friday 7:45 a.m.-5:15 p.m. Saturday 10 a.m.-4 p.m. Closed Sundays and Holidays. Phone 534-3770

30% OFF UCSD SWEAT **TOPS & BOTTOMS**



SAVE ON EVERY OFFICIAL **UCSD SWEAT IN STOCK**

- Heavyweight fleece
- Tops-crewneck/full body Bottoms-Elastic waist
- with drawstring
- Choose from Gold or Royal

•Two terrific new

designs

(With this coupon only thru 1/8/89 at this location only)



La Jolla Convenience Center

535-0365 (next to Kinko's)

Hunter S. Thompson Victim of the Age

"The future smells of Russian leather, of blood, of godlessness and of much whipping.

Heinrich Heine, 1842

y friend Cromwell chained himself to a water pipe last week and then jammed his feet through the white-hot grill of a 20,000-watt power furnace, but he somehow escaped death. The furnace exploded with a tremendous blue flash and fell against his 55-inch Mitsubishi TV set, which exploded and blew Cromwell across

Which saved his life, as it turned out. The voltage was so massive that it kicked him free of the meltdown and left him cowering on his own floor while black fire and yellow smoke hissed out of his machinery and the whole valley was blacked out for six hours by what the electric company later described as "an extremely pure short circuit that smoked everything on the grid except the individual who caused

Cromwell was not injured, except for a maze of deep black pinholesized burns all over the bottom of his feet.... They were RF burns —the kind that burn from the inside out, in the style of a microwave oven — and word out of the hospital was so gloomy that one doctor I spoke with even raised the possibility of amputation.

"Nonsense," I said to him. "How would he walk? We'll glaze the buggers before we cut them off." "It's horrible," the doctor said, "but we'll do what we can."

"That may not be enough," I said. "Maybe I should do the operation myself. It's mainly a laser process, but some people are very afraid of

"What are you talking about?" he snapped. "Are you a licensed physician?"

"Don't worry," I said. "It's a lot better than amputating." He had to agree, but he seemed nervous about granting me Operating Room Privileges.

"What do you mean glazing them?" he said. "Where did you go to

"Never mind that," I said. "You know the process. We just draw a line around the ankle and we petrify everything from there down with the Magnum Laser. Believe me, they never even feel it."

He had heard of the process, apparently, but he said it was not even legal in Mexico.

"That's because of the glazing," I said. "There is some kind of religious objection to 'entombing the tissue.' But most of our trouble comes from quacks in the pay of the prosthetics industry. They get a kickback every time they clamp a pair of cheap plastic feet onto

"Don't worry," I continued, "I'll be checking on our patient this afternoon, and we can talk about this thing in a professional

"Of course," he said quickly, and then he paused, uttering a long, unhappy sigh ... "But tell me something, Doctor," he asked me, "Why did this terrible thing happen? Is Mr. Cromwell suicidal?"

"No," I replied. "He was insane."

"What?" he said.

"You will hear the story soon enough," I told him. "It will break your heart. The truth is that Mr. Cromwell was utterly insane when he attempted to destroy himself with electricity ... I talked to him about two hours before the explosion, and he was hysterical. He said death

I hich had seemed more or less true at the time. Cromwell was Editor: raving drunk when he called me, and all I cared about, at that point, was keeping him away from my house at all cost....

When he drove down the mountain to pick up his mail, he found an advance copy of a slick gossip magazine with a naked photograph of his ex-wife on the cover, and his own name slashed in red letters across the middle of her body.

The story inside was so horrible, he said, that it caused him to have a seizure.... The whole middle of the magazine was filled with vicious gossip about his married life and hazy reprints of deeply intimate photographs of himself and his wife that he assumed had been burned

The headline said: "The Beast On My Back: A True Story Of Sex, Drugs & Degeneracy Among Washington's Power Elite."

His former wife, a half-mad social climber in Georgetown political circles, had just received a million-dollar advance from a major publisher for writing a "no-holds-barred" book about their life together that was going to be a "hideous, shocking best seller."

This thing in the gossip magazine was only an excerpt — "Only the tip of the iceberg," he said. "That bitch has gone crazy with greed. They paid her \$10 a word in advance, then they got her cranked on cocaine and kept her awake for three or four days at a time. They

whipped her into a frenzy and then taped all the vicious things she said. "They have a photo from our honeymoon," he said, "they have photos from orgies. She even sold them pictures of me flogging her."

He laughed. "They looked like snapshots from Haiti in 1942. "She told them her mother cried because I made her eat LSD. She said I forced her to eat human flesh."

"So what?" I said. "Get a grip on yourself. You're having a whiskey nightmare. Tie your arms to the bedpost and go back to sleep. Your

ut I knew it wasn't the whiskey, and so did he.... He was a Victim of the Age ... a casualty of the same hellish excesses that once made him unnaturally rich and powerful.... Once he was See THOMPSON, page 6



Letters

PINION

Watson Backs Forum Idea

I understand and empathize with the frustrations expressed in your commentary ("Comm Profs, Students Isolated from Reality", Guardian, Nov. 28).

It is most unfortunate that more members of the UCSD community (including me) did not attend the Guardian Forum "How Can San Diego Press Be Improved." Because the transcript published in the Guardian indicated that many interesting and informative ideas were presented at the forum, I hope that the low turnout will not discourage you and the Guardian from sponsoring other

Forums sponsored by the Guardian are an excellent idea and should be continued with dedication to make them a well attended UCSD tradition.

Joseph W. Watson Vice Chancellor, Undergraduate Affairs

Call T-Reg

The Registrar's Office appreciates the editorial, "T-Reg Problems" (Guardian, Nov. 28). It was and daily load on the system and tive tone is especially appreciated.

The Registrar's Office is proud to offer this new service to UCSD nology and systems were perfec-

ted, the administration determined to make UCSD students among the first beneficiaries.

Based on the T-Reg evaluation survey (1,131 returned of 3,719 mailed), students overwhelmingly (over 88 percent) prefer T-Reg to the previous system. The advantages most frequently cited were convenience and confirmation of enrollment on the phone.

Although designed as a multiple choice questionnaire, space was left for student comments. The vast majority of respondents wrote comments. These comments were gratifying because they not only provided helpful observations but were positive and enthusiastic about T-Reg. Many students took the time and effort to express their thanks and to compliment those involved for a job well done.

As could be expected of a project of this magnitude we experienced some start-up problems, but aside from a few minor issues they have been corrected. The Registrar's Office experienced fewer problems and received far fewer calls from students about T-Reg this fall than last spring.

Your editorial indicated that "the biggest complaint students seem to have with T-Reg is that they can't get through." We currently have another unit on order with an additional 16 telephone lines. However, this cannot be installed until we bring up our Integrated Student Information System late next year.

In the interim, we are taking several steps to reduce the hourly fair, informative, and the suppor- enhance accessibility: 1) add additional days and additional appointment start times to spread appointments over a longer students. As voice-response tech- period; 2) reduce each appointment from 72 hours to 48 hours to

Constitutional Overhaul

I am asking the Council, through the following resolution, to call for a Constitutional Convention. The request is as follows: Student Representation Resolution

Whereas, the Associated Students Council is bound in structure and responsibility by the ASUCSD Constitution, and Whereas, a need to improve the representative membership and purpose of the Associated Students Council for the Asso-

ciated Students of UCSD exists. Let it therefore be resolved, the A.S. Council has determined these conditions merit a Constitutional Convention be held and that the president of ASUCSD conduct such a convention according to Article VIII, Section C of the ASUCSD Constitu-

Please be advised that this involves a potential for dramatic change in the structure and function of the A.S. government. If you have any questions regarding the purpose, the procedure, or the process of involvement in a Constitutional Convention, feel free to contact me at the A.S. office.

Maynard Dimmesdale A.S. President reduce the potential callers on any given day; and 3) continue to perform backups as quickly as possible so that the system can be back

up shortly after 5 a.m. Students should be aware that although published system hours are 8 a.m. to 4 a.m., the system is, in fact, also available as soon as nightly backups and maintenance are completed, at approximately

In addition, according to system reports, peak calling times are between 9 a.m. and 4 p.m. Students can increase their chances of making connection with the computer on their first try by calling before 9 a.m. or after 4 p.m. Ronald J. Bowker

Registrar and Admissions Officer

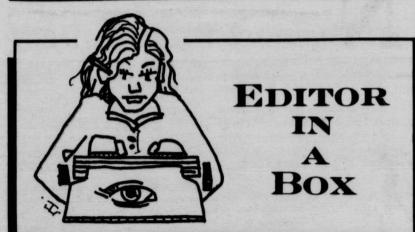
Overcommitted, **Not Apathetic**

I have just read your comments about the Forum (Guardian,

I sympathize with you about the turnout for your efforts to create a dialogue with and about the local media. But I want to mention that your experience with this is not unlike the experience of anyone on this campus who attempts to organize actual discussions about issues.

I was president of Women's Caucus for two years recently. Caucus is a staff and faculty women's organization, and we worked very hard to present speakers and issues that would bring out the community. It never did work very well, but the conclusion to be reached is not that people are not interested, it's just that most people have too many other demands to easily include yet another. I have attended events where national figures have been brought to campus and have spoken or performed to mostly empty seats in Mandeville.

I think that it is too easy and too cynical to conclude that people who do not care about these things. At least for most staff that I know about — and that is a considerable number - most of us are overcommitted in a variety of ways. For instance, the night that your forum was held, I was still struggling with the decision to attend it at 7:30 p.m. as I sat in a lecture at San Diego State where I am enrolled as a part-time graduate student in the School of Social Work. I very much wanted to participate because I have been very interested in the relations between the local press (community) and the University, but the semester was ending at State and I was confronted with deadlines for papers and tests. I am doing all of See OVERCOMMITTED, page 5



Flight 103 Reflections

By KATHLEEN DONAHUE Photo Editor

ENGLAND - When we think of England, we think about the Queen, Margaret Thatcher, Buckingham Palace, London Bridge, soccer, polo. And perhaps now some people think of the Lockerbie air disaster.

On Dec. 21, Pan Am flight 103 took off from Heathrow airport, never to land in one piece again. Instead, a bomb that was in the front cargo hold blew up in the plane, spreading it over the Scottish town of Lockerbie, killing the 259 people aboard and 11 people on the ground.

I was in London then. The first question asked me by my family and friends after this incident and when I returned to the United States was, "What airline did you fly?" My answer was, "Pan Am."

It was very discomforting to realize I had already booked a return flight on the marked airline. But people as well as I figured a tragedy such as this won't

happen twice, and sure enough it didn't. But it makes us realize how vulnerable and helpless we are when it comes to something

I, like many of the people on flight 103, am a college student travelling to spend the holidays with family and friends. Unfortunately, those on the other flight never made it home.

While in England, we constantly heard updates as to the cause of the accident, and any information surrounding it. Even before the black box was found and the cause of the disaster was determined, the people at Frankfurt were blaming Heathrow for letting the bomb slip through their security and the people at Heathrow were blaming the security at Frankfurt

While crews worked around

the clock to find missing clues about what happened at least 13 scavengers were caught and arrested in Lockerbie for taking things that were on the ground belonging to those that were on

the doomed flight.

What I would like to know is what is wrong with these people?! Terrorists putting a bomb on a plane killing hundreds of innocent people. The airports blaming one another when they should be worrying about the families who lost their loved ones. And the scavengers who took personal belongings of those aboard, when these items could be given to the families of those who died. It's all very disturbing!

As far as security at the airports s concerned, what can be done? Security is pretty tight as it is, considering that now plastic explosives can be shaped into the lining of suitcases. The only sure way to detect bombing devices at this point is to take the suitcases apart, or to send the luggage on a difference plane. Neither of which can realistically be done.

This can't stop people from flying, though. In a three month period, there were 140 terrorist threats to airlines. I left my purse in Heathrow Airport on accident, and one of my friends jokes that security probably throught my purse contained a bomb and disposed of it accordingly.

I am not a religious person, but I do feel that there is a purpose for everything that happens. For the family and friends who lost loved ones on the flight, I am deeply sorry, but I have hope something good can come out of this. It might be hard to imagine something good coming out of such a horrible fate, but more unusual things have happened. Perhaps nothing good will come

of it. I just have to remember that we are pretty lucky to be in school here at UCSD, having the family and friends that we do.

Overcommitted

Continued from page 4

this on top of a full-time job. What I am doing is not unique as there are many other staff who are trying to juggle school and families on top of full-time jobs. For most who drive into the University every morning from outlying communities, and drive home at night through commuter traffic, to think about turning around and coming back is onerous.

I tried various strategies to include as much of the UCSD community as I could in Caucus business. I generally learned that for the sort of thing that you tried to do, to put it into an evening slot lunch hour (extended) discussion was best or late afternoon, right after work, although that slot tended to exclude women with small children that had to picked up from daycare or school.

I guess what I am urging you to do is not to get discouraged about the size of the audience. There will be far more who will read your coverage in the Guardian, and that is even more important, I

I would also point out another sociological phenomenon (anecdotal) that I've picked up among the faculty, and that is that there are few that read the local press. Most have come in from outside San Diego, and relatively speaking, most are new arrivals with little sense of involvement in San Diego, the city. Some have been immediately turned off by the not-too-disguised conservatism of the local press, and tend to keep informed through Eastern newspapers (the New York Times, or the Wall Street Journal).

I think exploring the level of involvement of the faculty in the city would be interesting (and that's the entire city, not just La Jolla). I don't know the predilecwas not very useful. Either a tion of the communication faculty in the print media or in city involvement. But I would be surprised if many read the San Diego papers on any regular basis and l would be surprised if many pay much attention to the city. The only campus figure who seems to be both a local and national statesman is Roger Revelle.

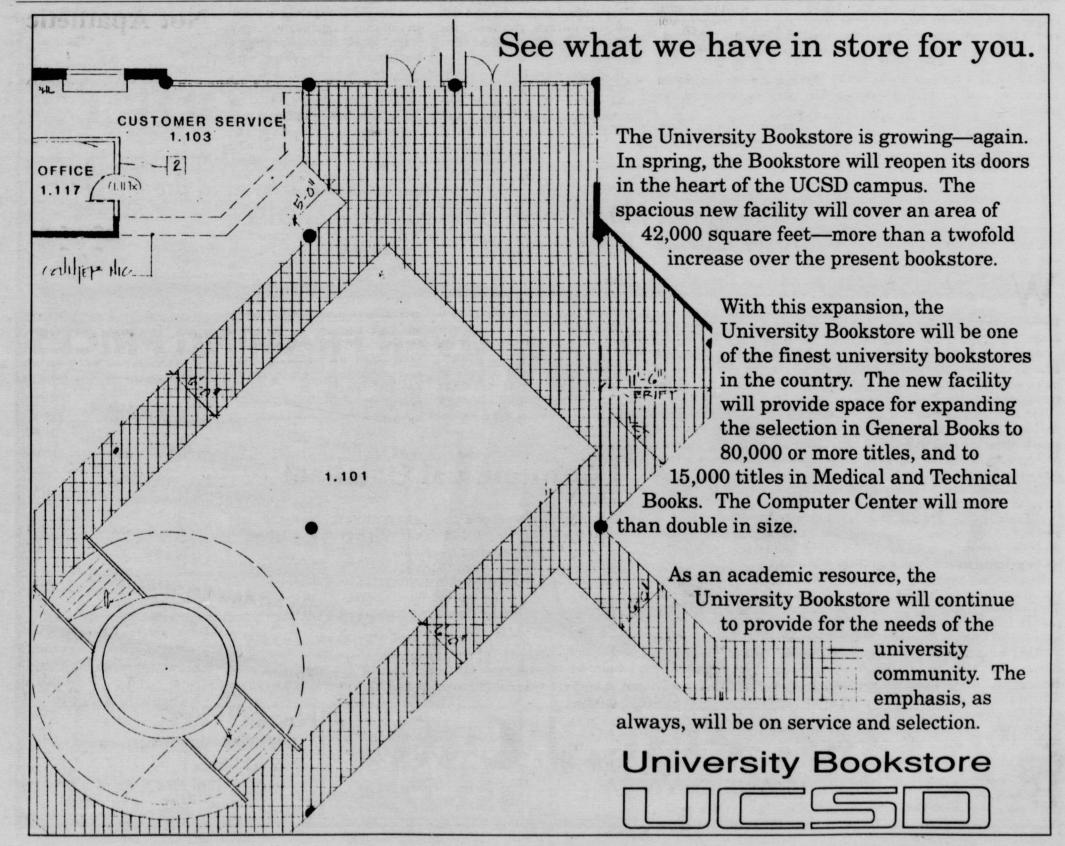
I like what you are trying to do with the Guardian this year. Don't get discouraged.

Elaine R. Brooks

OPINION EDITOR

POSITION NOW OPEN

Submit cover letter, resumé, and sample editorials by Tues. Jan. 10 at noon to John Shaw, c/o The UCSD Guardian, B-016, La Jolla, CA 92093. Call 534-6580 for more information.



PROFESSORS, END THE PAPER CHASE



Give your students an alternative to the Library Reserve Room. We'll turn your loose course materials into bound class readers. NO CHARGE TO YOU OR YOUR DEPARTMENT LOWEST POSSIBLE COST TO YOUR STUDENTS OUR REP WILL HELP ORGANIZE YOUR MATERIALS OVERNIGHT ORDERS ACCEPTED

Let Us Do The Chasing While You Do The Teaching

kinko's

the copy center

La Jolla Village Square 457-3775 · OPEN 24 HOURS

JNIVERSITY TOWNE CENTRE

Across from the Broadway

Thompson

Continued from page 4

sinister, but now he was just another dumb butt of the latest national sex joke. His wife had sold him out and utterly destroyed him — just for a pile of nickels and dimes.... A huge pile, to be

JOHN SHAW, Editor in Chief

SETH SLATER. News Editor

RICK FORD, Graphics Editor

PHIL GRUEN, Sports Editor

APRIL SMITH, Copy Edite

LARA MIHATA, Managing Editor

CYNTHIA CAMPBELL, Associate Arts Editor

ERIC CHAZANKIN, Associate News Editor

KATHLEEN DONAHUE, Photo Editor

LEESA LIGHT, Production Manager

LARRY WEINTRAUB, Music Editor

DAVID WYNER, Associate News Editor SABRINA YOUMANS, Arts Editor

MICHAEL FOULKS, Advertising Manager

SHENDL DIAMOND, Business Manager

MIKE MARTINEZ, Advertising Designer

JEFF SYMON, Advertising Representativ

Messrobian, Isabelle Tihanvi, Larry Weintraub

Senior Staff Writers: Annamarie Bezzerides, David Brooks, Peter

JO PINCEK, Advertising Representative

JULIE MUNRO, Features Editor ALI SADIGHIAN, Associate Photo Editor

sure, but still a mess of pottage. The next day Cromwell called from the hospital to say he had to cancel our luncheon engagement because they were going to am-

I was stunned, but he seemed resigned to it and asked if I could come in before they started the check from that junk bond deal."

cutting and bring him a bottle of

A huge lump jammed my throat. I felt tears on my face... "And one more thing," he said. "Can you stop at the post office on the way and pick up my mail - I'm expecting a huge dividend

The UCSD Guardian

Jill Colley, Denise Dador, Amanda Datnow, Randy Dotinga, Susan Hylen, Brian Itow, Kenneth Jensen, Patty Jettie, Miles Kan, John Kearney, Mark Kenney, Jeff Lambeth, Adam Levy, Leesa Light, Philip MacGovern, Mike Martinez, Nancy Muntner, Laura Proctor, Porsche Shantz, Wendy Steinle, Dennis Woo

Messrobian, Brian Morris, Wyatt Rosental, Ken Reinstein, Rimas Ilustrators: Remy Avancio, Janie Mandrason, Jeff Quan, Jon R.

Photographers: Jill Babior, Bryan Bilyeu, Susan Faulhaber, Peter

Uyesaka, Lois Yu, Alina Zorreno Typesetters: Cynthia Campbell, Cynthia Chesy, Roark Dority, Jeff

Copy Readers: Randy Dotinga, Eric Springer Production: Marci Aronovitz, Nicole Bennett, Stacy Longstreet, Nancy Muntner, Amie Nguyen, April Smith, Julie Sonntag, Jeff

The UCSD Guardian is published Mondays and Thursdays during the academic year by and for the students of UCSD. Reproduction or use of this newspaper without permission is strictly prohibited ©1988, all rights reserved. The Guardian is not responsible for unsolicited manuscripts or

Views expressed in writing and in graphics do not necessarily represent the opinions of The Guardian, the University of California nor the Associated Students of UCSD.

5 POSTERS

FOR THE PRICE OF 4

(least expensive one for FREE)

The UCSD Guardian, B-016, La Jolla, CA 92093 Editorial: (619) 534-6580

1989-90 **UCSD FINANCIAL AID APPLICATION PACKETS** ARE AVAILABLE FROM THE STUDENT FINANCIAL SERVICES OFFICE

If you wish to apply and have not received an application packet in the mail, please contact your Student Financial Services Office.

DON'T BE CONFUSED Fed A. Mugs • T-Shirts • Framing • Rock-n-Roll Memory FRAMING -Shirts • Framing • Rock-n-Roll M Let us frame your choice of any poster ning • Rock-n-Roll N SPECIAL in a black aluminum frame Print ONLY mounted on foamboard with glass. Gifts • Mugs Bedsp Not to exceed 24"x36". Rock-Price does not include poster. CUSTOM FRAMING SPECIALS Posters • Stickers • Stuffed Animals • I Stickers • Stuffed Animals • Art Prints • G Animals • Art Prints • Games • Gifts • Car also available Prints • Games • Gifts • Cards • Mugs • T-S Gifts • Cards • Mugs • T-Shirts • Framing ioilia • Fine Jewelry • Pos • rine Jewelry • Posters • Stickers • S outs • Cards • Mugs • T-Shi Mugs T-Shirts Framing Rock-n-Roll Framing • Rock-n-Roll Memorabilia • Fine Jewelry • Posters • Stickers • Stuffed Anima nes • Gifts • Cards • **POSTER** SPECIAL

452-7755

Waste Burn: Troubled Idea

I am afraid your article "Toxic Waste Burning Near UCSD Proposed" (Guardian, Dec. 1) failed to mention many of the most serious objections to the proposed Ogden project.

The UCSD Guardian

Among them: the plant will be located in a densely populated areas, with three hospitals, a university, a state nature reserve (Torrey Pines State Park), and almost a quarter of a million people within about four miles radius.

Further, the "tests" that have so far been conducted included only 15 of the more than 600 toxins that Ogden has proposed to burn there. Among these toxins are lead, mercury, and other heavy metals, which being elements) cannot be decomposed at any temperature of incineration.

Also, as any chemist will freely admit, no one knows for certain what happens when 600 or more different chemicals are indiscriminately mixed together and burned. Secondary chemical reactions can and do occur, and chemicals can recombine in ways no one can predict.

Further, there exist no standards for "safe" and "unsafe" levels of most toxins. Even if dangerous concentrations of pollutants were being emitted, there is no established legal level for emissions of such things as dioxins at which the plant would have to be shut down. This is partly because scientists have been unable to establish levels of "zero activity" for poisons like dioxins — they've been found dangerous even at the

minutest levels they've ever been

Emissions will also not be con-

tinuously monitored. The company is not even required to monitor during peak burning periods. In fact, it could even collect samples just as the facility was being company itself will be doing the tal sensitivity. Its priorities were

monitoring is even more disturb-

The criterion used in choosing this site for such a project was clearly not concern for public health. It was economic expediency. Obviously, it was much cheaper for the firm to make minor modifications to an old incinerator here, than build a whole new one in a place of minshut down. The fact that only the imal population and environmen-

Guy Berliner

(Editor's note: The testing at Ogden must be conducted within various oversight regulations, including those of the Air Pollution Control District. Ogden's first burn will be Jan. 30.)



Read It Recycle It



Offices Throughout Southern California







in value - low prices! • Dinette Sets from \$9 mo. Sofa & Chair from \$16 mo.

• Sofa Sleeper from \$25 mo. Bedroom Sets..... from \$15 mo. Refrigerators from \$20 mo. • 19" Color TV from \$25 mo.

Twin bed, chest desk, bookcase, chair or nightstand Any four pieces

ROOMS FURNISHED 14 PIECES NO DEPOSIT NO HASSLE

Furniture Appliances TV's Desks Lamps

Microwave Ovens Bookcases and more

Ready for pickup nearby

JAN.-JUNE '89 Larger sizes available

RENT-A-PLAN FURNITURE 7464 UNIVERSITY LA MESA CALL 582-5600





starring

January 9, Monday, 8:00 p.m. Mandeville Auditorium Free passes available on Monday, Jan. 9, 12noon at UCSD Box Office: 534-4559 -admission by pass only!-

PRESENTED BY UNIVERSITY EVENTS & STUDENT ACTIVITIES

NEWS

Regents Establish Rohr Chair, Honor Scientist

By REBEKAH YOUNG Contributing Writer

At a recent meeting, the UC IR/PS is the first professional (IR/PS). The Board also honored L. Hubbs by naming a Scripps Institute of Oceanography (SIO) building after him.

sions, UCSD's request to estab-International Relations will be very best faculty, helping provide

for UCSD, will be made possible by a \$250,000 gift from Rohr Industries Inc.

Board of Regents established an school of global affairs in the Uniendowed chair in UCSD's Grad- ted States to focus on Pacific uate School of International Re- nations. Its purpose is to train lations and Pacific Studies professionals in international relations and prepare them to deal the memory of ichthyologist Carl with the expanding Pacific Re-

According to Peter A. Goure-As a result of the Board's deci-vitch, dean of the graduate school, the endowment will help IR/PS lish the Rohr Chair in Pacific increase its ability "to attract the

met. This endowed chair, the 31st the best teaching for students and Rim communities closer together top quality experts on research and policy making."

NEWS

Gourevitch subsequently explained that an endowed chair such as this is an honorary academic position, recognizing a person's scholarly achievements.

Rohr's president, Harry W. Todd, said, "Rohr Industries ... is aware of the increasing role of Southern California in the Pacific

"We believe it is important to support major educational programs such as UCSD's new graduate school to bring the Pacific

for the economic and general social benefit of all its members,"

Also approved at the meeting was the decision to change the name of the Marine Biology Building at Scripps to Carl L.

Hubbs, who died in 1979, was regarded as the foremost figure of his time in ichthyology (the study of fish) and played an important role in the advancement of marine biology at Scripps Institution.

The four-story, 39,000 square foot facility houses laboratories,

classrooms and offices of Scripp's Marine Biology Research Divi-

Hubbs joined the staff of SIO in 1944. For many years, he served as a trustee of the San Diego Natural History Museum and the San Diego Zoological Society.

Hubbs was also instrumental in the founding of the San Diego Wild Animal park. He was a charter member of Sea World's board of directors and a founder of Sea World's research institute, which also bears his name.

Hubbs was an animal conservationist and was one of the first advocates of protecting the gray whale and their breeding lagoons.

See SCIENTIST, page 9



Introduction to Splines for Use in Computer Graphics and Geometric Modeling by Bartels, Beatty and Barsky. Hermetic and Cubic Spline Interpolation ● Uniform Cubic B-Splines ● General B-Splines ● Bezier Curves ● Knot Insertion • Oslo algorithms.

Turbo C Programming for the PC, revised edition, by Lafore. Version 2.0 ● Loops ● Decisions ● Functions ● Structures

San Diego's COMPUTER BOOK OUTLET

5945 Pacific Ctr. Blvd. #501 San Diego, CA 92121. (619)546-0264

the latest books on programming language such as pascal, c, assembler, basic, dos, unix, os/2, hardware references, communications, graphics, database, word

business topics for the PC, Mac, Apple,

processing, spreadsheets, financial and other Atari, Amiga, VAX and other workstations.

FINANCIAL SERVICES STUDENT SCHOLARSHIPS

■ ARIZONA HONORS ACADEMY

The Arizona Honors Academy hosts 30 outstanding undergraduate Fellows from throughout the United States for a 3-week summer institute to discuss national security policy with nationally and internationally known figures. This fellowship will absorb all student costs except tuition and travel to and from the Academy.

ELIGIBILITY:

- Completed 41 quarter units of undergraduate work prior to the 1989
- 3.5 Minimum GPA
- Diverse acar c and cultural backgrounds.

Arizona Honors Academy applications are available in the Warren/Fifth Student Financial Services Office, MAAC 214. THE DEADLINE TO APPLY IS TUESDAY, JANUARY 17, 1989.

■ CALIFORNIA JAPANESE ALUMNI ASSOCIATION

The California Japanese Alumni Association announces twelve scholarships of \$1000 to \$2000 to be awarded to continuing or returning undergraduate or graduate students. Recipients must be Americans of Japanese ancestry and attending one of the campuses of the University of California in the fields of business, law, engineering, architecture, agriculture, and related studies.

The California Japanese Alumni Association applications are available in the Warren/Fifth Student Financial Services Office, MAAC 214. THE DEADLINE TO APPLY IS FRIDAY, MARCH 17, 1989.

■ ELLICE T. JOHNSTON SCHOLARSHIP

The Ellice T. Johnston Scholarship, under the sponsorship of Clayfolk Inc., is to be awarded to a student who has spent two years or more in an art program and shows exceptional interest in the field of ceramics.

ELIGIBILITY:

- Two years of college or equivalent level of art education.
- The applicant must be a resident of or a student in Oregon or Northern
- Financial need is a consideration but will not restrict the selection of the applicant.
- The applicant will be selected on the basis of his or her portfolio, personal statement, recommendations by instructors or professionals in ceramic studies, as well as their academic grades, a statement of purpose or intent and projected budget.
- Clayfolk members as sponsors of this scholarship are not eligible to apply.

Ellice T. Johnston scholarship applications are available in the Warren/Fifth Student Financial Services Office, MAAC 214. THE DEADLINE TO APPLY IS MONDAY, JANUARY 30, 1989.

■ THE TIME COLLEGE ACHIEVEMENT AWARDS

The TIME College Achievement Awards were established to recognize the accomplishments of the nation's most outstanding college juniors who have distinguished themselves by their academic excellence and achievement outside of the classroom. Twenty winners will be selected and each

- \$3,000 in achievement awards money.
- An invitation to the awards dinner in New York.
- An all-expense-paid trip to New York City to attend the awards dinner.
- A day with the editorial staff of TIME
- Press releases and photographs distributed to the winners' schools and hometown newspapers.

ELIGIBILITY:

- Junior level
- · Enrolled full-time

The TIME College Achievement Awards applications are available in the Warren/Fifth Student Financial Services Office, MAAC 214. THE DEAD-LINE TO APPLY IS WEDNESDAY, FEBRUARY 1, 1989

■ VETERANS' MEMORIAL SCHOLARSHIP FUND

The Coors Veterans' Memorial Scholarship Fund was established by Adolph Coors Company to provide college financial aid to the sons and daughters of American veterans. A minimum of 100 scholarships totaling \$500,000 will be awarded to eligible students across the country.

ELIGIBILITY:

- 22 years old or younger as of the March 15, 1989 application deadline.
- 3.0 minimum cumulative GPA
- Have completed a minimum of one semester or two trimesters of credit hours, but not yet acquired senior credit hours.
- Be a son or daughter of one of the following groups:
- Honorably discharged American veterans; Active Duty, Guard, or Reserve military personnel (federalized or with
- a minimum 6 years of service): American military personnel killed in action, missing in action or who have died in the line of duty.

Veterans' Memorial Scholarship Fund applications are available in the Warren/Fifth Student Financial Services Office, MAAC 214, THE DEAD-LINE TO APPLY IS WEDNESDAY, MARCH 15, 1989.

The UCSD Guardian

Discovery: Skin Patch Helps Curb **Smoking**

Continued from page 1

not received clonidine demonstrated a 430 percent increase in craving, a 380 percent increase in irritability, a 370 percent increase in anxiety, and a 330 percent. increase in restlessness over the treated group during a three day testing period. The drug had no effect on impairment in concentration or hunger, the test showed.

In a previous study, other researchers found that clonidine, when given orally, decreased smoking withdrawal symptoms and improved the subject's chances of kicking the habit.

While clonidine should not be considered a cure for tobacco dependence, Ornish said, the skin patch may be useful in a comprehensive smoking cessation program to "detoxify" a person so as to reduce the initial discomfort of withdrawal and improve the long-term success rate.

Ornish has since left UCSD and opened a smoking clinic based on his transdermal clonidine research.

SCIENTIST: Hubbs Hailed As 'Pioneer' In Ecology

Continued from page 8

Scripps Institution director, Edward A. Frieman, said that "the naming of the Marine Biology Building as Carl L. Hubbs Hall is an appropriate recognition of the stature, scholarship contributions, and importance of Dr. Hubbs' long tenure at Scripps."

"... Hubbs made a tremendous contribution to the growth of ichthyology in this country," he added. "He was a pioneer in the conservation and protection of wildlife long before ecology received public attention."



• HAWAII \$299 • LONDON \$436 Based on round trip fare

> Your Student Travel Center

Book Now - Seats Limited!

UCSD Student Center

452-0630



"SWEAT WITH THE BEST"

CALIFORNIA FITNESS @ JCC San Diego's #1 Aerobics Program

HIGH ENERGY AEROBIC WORKOUTS

- · Several classes daily
 - No contracts
- Certified instructors · Pay per workout or per month
- Babysitting available High & low impact classes
- Floating suspended wood floor Full locker room facilities • Fitness and nutrition counseling • Exercise physiologist on staff

OPEN TO THE PUBLIC - FIRST VISIT FREE

M. Larry Lawrence Jewish Community Center 4126 Executive Dr.

(Located between I-5 & I-805 North of La Jolla Village Dr.) For class schedule and prices call 457-3030 (For further details contact Ken Rosenthal, Aerobics Director)



NCR SALUTES: THE WINNERS OF THE STAKEHOLDER ESSAY COMPETITION

NCR

"Progressive companies have begun to think beyond the traditional relationship of the firm to society and have begun to manage all of the relationships upon which they depend for survival. Firms that don't follow suit may regret their short-sightedness."

Murray B. Low, Winner NCR Stakeholder Essay Competition

Some of today's most important ideas are held in trust by the leaders of tomorrow.

More than 2,500 such leaders, college students from all over the country, recently competed in an NCR-sponsored essay competition. The topic: "Creating Value For Stakeholders In Corporations And/Or Not-For-Profit Organizations." At stake: \$300,000 in awards. And at even greater stake: a chance to affect the way the world does business.

NCR is proud to salute the first prize winner, Murray B. Low of The Wharton School, The University of Pennsylvania; and the second prize winner, Ron Gilbert of The University of Iowa. NCR also congratulates the 98 national and state award winners, as well as their schools. Their names are listed below.

Our sincere thanks to all who entered the competition. Their ideas promise a bright future—for themselves, and for business the world over.

STAKEHOLDER ESSAY COMPETITION WINNERS

University of Pennsylvania/ Wharton School of Business Second Place

University of Iowa NATIONAL WINNERS Scot Barenblat University of Texas/Austin

Mark Christel University of Wisconsin Scott Evans Kalyanaram Gurumurthy Massachusetts Institute o Technology/Sloan Gregory Heyworth Columbia University Yen-Chi Huang Stanford University Darnell Hunt

Georgetown University James Mahon, Jr. University of California/Berkeley Amy Montgomery University of Michigan

STATE WINNERS Kathryn Adam University of Minnesota Sumv Ahn Northwestern University Ajay Ahuja University of Idaho/Moscow Bruce Alexander

Robert Asseln Yale University Steve Atkins University of Alaska Thomas Austin University of Wisconsin/Stout **Jack Ballentine** University of Georgia

Fred Bentsen Rice University Michael Blach California Polytechnic State/San Luis Obispo

Susan Bodenheim George Bohan
Case Western Reserve University Mark Caligaris University of Pennsylvania/Wharton Marinilka Barros Carrero

Nikki Chong University of Suzanne Chung Northwestern Universit

Kent State University William Cowie University of California/Irvine Christopher Cunningham Kansas State University Howard Dewes Trinity Bible College

NCR's Mission: Create Value for Our Stakeholders

Matthew O'Nuska, III University of New Mexico

Gerhaldt Douglass University of Miami Timothy Duning
Purdue University/Krannert Chris Dyke University of Florida

Vanita D'Silva Virginia Polytechnic Institute George Ellis University of Michigan Ohio State University Judith Finestone Drexel University

Duane Ford East Texas State Bruce Friedman Harvard Business School Eran Gartner Cornell University Marc Greidinger University of Maryland

William Hammer Philip Hutcheson David Lipscomb College Thomas Irwin Hawaii Pacific College

Scott Johnston Brown University Stephanie Jordan Appalachian State University Andrew Scott Keating Sonya Kelly University of Nebraska

Charlotte Klaus University of Denver Gail Koren Kent State University Michael Kuhn Washington University

Lawrence Kupers U.C.L.A. David Lambert University of Florida James LaPrath Montana State University Signe Larkin

Northern Arizona University Leonard T. Lee Cornell University Mark Lofstrom Columbia University Gary MacDonald University of Michigan Charles Marquette, Jr.
Louisiana State University

Douglas McMahon University of Virginia Russell Meier Rice University Susan Ann Milne Willamette University

University of Maryland Ernest Ndukwe Michigan State University Etienne Weiss Ozorak Earlham College Elizabeth Parsons Bradley Pick John D. Powell Louisiana Tech University Bruce Rebhan University of California/Berkeley Richard Reid Harding University

David Roeder Gordon Sargent University of Kansas Justus Schlichting Claremont Graduate School Kimberly Schwartz College of St. Benedict

John Schwerin Scott Shafer University of Cincinnati **Brian Shaffer**

University of California/Berkeley Angela Sizemore University of South Carolina Julia Snell Auburn University Michael Solka

University of Northern Kentucky University Michael Strong Monterey Institute of International Studie

Ashu Suri Princeton University Oklahoma State University Dianne Todd Northwestern Universit

Jay Tompt Monterey Institute of International Studie. Hilary Turner University of Washington/Seattle Curt Walker Purdue University

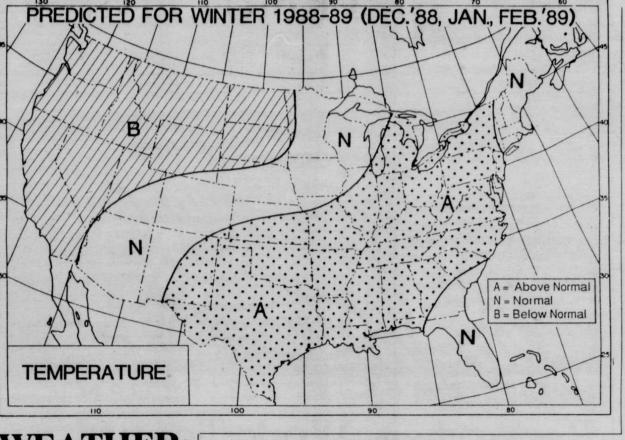
Joji Watanabe University of Virginia Gary Wiggin Georgia State University Robert Williams Harvard Business School

Linda Gail Williamson Carnegie-Mellon University Stewart Wilson Brigham Young University Mike Windey, Jr. University of South Carolina

Gary Winger University of Utah Barry Wolverton Millsaps College

NEWS MEETING MONDAY NIGHT

All news writers, old and new, should meet at the Guardian at 6:30 p.m. We will be discussing upcoming



WEATHER: Forecast Ventured

Continued from page 1

He explained that the trend for storms in that area last fall will be encouraged through the winter by oceanic conditions in the north Pacific and West Coast.

According to Cayan, the researchers anticipate that atmospheric patterns will stimulate active cyclones in the eastern North Pacific, creating frontal systems that will penetrate the West Coast to create ample precipitation. Cold air behind these fronts should keep temperatures below normal in the west while brief outbreaks of Canadian cold air are expected in the east.

"During this winter, frequent troughs in the upper wind jet stream are expected over the interior northwest, which should allow cold air to dip into the west," Cayan said. "Farther east, the path of the west-to-east winds is expected to inhibit cold, longlasting air masses from penetrating far southward."

The forecasters also expect heavier-than-normal precipitation over most of the country.

"This pattern of precipitation marks a major change from the drought pattern that plagued most of the nation last summer and the dry conditions that gripped the west during the past two winters," Namias commented. "Heavy rains are expected in the West Coast

EPILEPSY

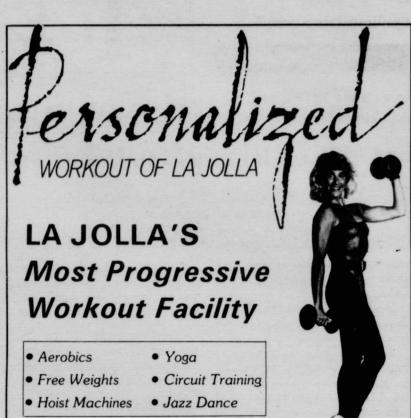
ter understanding of the nature of epileptic activity, which may ultimately promote the development of better therapies for the disorder.

Continued from page 1

Co-authors of the PNAS paper with Buzsaki and Gage are G. Ponomareff, F. Bayardo, and T. Shaw, undergraduate students at UCSD when the research was conducted.

events and competitions.





January Student Specials

7777 Fay Ave. La Jolla 456-2595

THIRD COLLEGE **TOWN MEETING**

Jan. 10 — Oceanview Lounge

Free Refreshments · Raffle for gift certificates to all who attend

TOPICS OF DISCUSSION

- 1. Third Curriculum
- 2. Third College Philosophy
- 3. Planning of Third College 20th Anniversary
- 4. Open Discussion

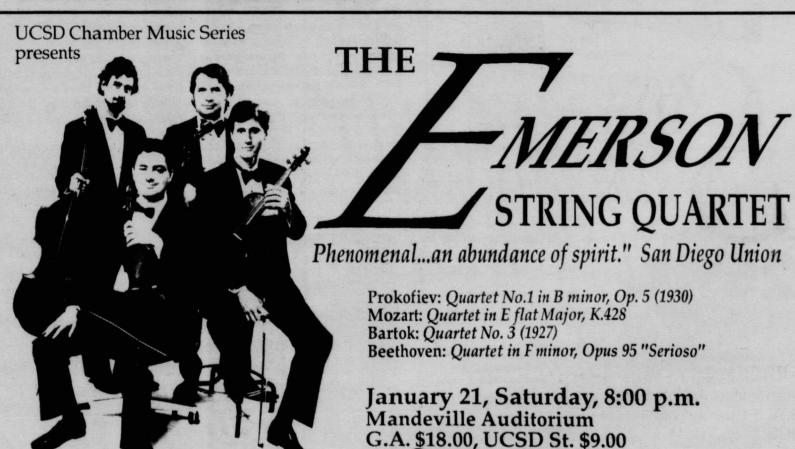
TICKET LASTER AT MAY COMPANY, MAD JACK S. TOWER MICHORS, PERSONS BOOM ORDER ANT STITLE TOWER COMPANY AND JACK S. TOWER

UCSD Box Office: 534-4559

Presented by UCSD Unversity Events & Student Activities

· FOR THIRD COLLEGE STUDENTS ·

Talk to the Dean, Provost and Chair of Third College faculty on issues concerning the future of your college



FEATURES

Housing Discrimination Goes Underground

estate agent and call their lawyer. others;

in the sale or rentals of all houshibit discrimination based on race, gated housing patterns. color, religon, national origin, ancestry, sex, marital status, age, sexual orientation, or disability, according to Commuter Students

increasingly subtle and, therefore, difficult to detect, so it often goes unreported.

Discrimination in housing is

Some of the signs of discrimination given by Commuter Student Services are:

- · Although the sign says vacancy, the manager says the 2. How long ago did this occur? apartment was just rented;
- The manager takes your application with the understanding that you will be called after references are checked, but you are never
- The story you are told in person does not match the information given on the phone;

Rubes®

People having trouble finding a • You are offered terms or consuitable place to live may need to ditions of sale or rent that are difforget about looking up a real ferent from those available to

It is now illegal to discriminate • You are geographically limited in the housing choices offered in a ing. State and federal laws pro- manner which reinforces segre-

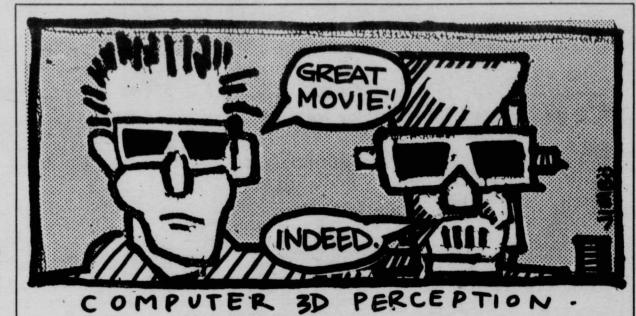
> The Commuter Students Services office would like help in finding out about the problems students face house hunting in San Diego. The following survey can be returned to their office in Student Center Building B or mailed to: CSS, B-009, La Jolla,

- 1. Do you believe you have been discriminated against and illegally denied housing in the last five years? (circle)
- In the last three months
- Were you buying or renting? Do you believe you were discriminated against because

Are Black, Asian, Hispanic/-Chicano, Native American?

By Leigh Rubin

See HOUSING, page 14



Researchers Work Toward Computerized Brain

Philosopher and Scientist Put Heads Together

By JONATHAN HEALY

When we see a ball, how do we know that it is round?

The answer to this question perceives a ball as a two-dimensaid UCSD neuroscientist Ter- standing of ourselves." rence J. Sejnowski. "Somehow

but three dimensions ... how does our visual system reconstruct the third dimension?" he

Understanding Ourselves Seinowski is collaborating

with UCSD philosopher Patriis less obvious than it may cia S. Churchland to carry out appear. "Our visual system first research on the mind-brain which, they wrote in the Nov. 4 sional projection onto our ret- issue of Science, "could lead to ina, like a picture on a screen," major advances in our under-

According to Sejnowski and we are able to perceive the Churchland, an answer to the shape of the object in not two question of how we see in three

ledge, not only of the cognitive processes carried out by the brain, but of the physical and chemical mechanisms used to carry out these processes.

Psychological Aspects Traditionally, the brain has been studied on several levels. While the cognitive processes carried out by the brain have been the domain of psychologists, physiological aspects of the brain itself have been examined by biologists.

See VISION, page 13

San Diego Locals Support Peace Corps Program

By BRIAN BLACK Contributing Writer

66 ome back and educate in the Peace Corps. Donovan, us," were the words of who has been "thinking about John F. Kennedy when [the Peace Corps] for the past two he founded the Peace Corps in years," is attracted to the Peace 1961. In the past 20 years, 120,000 Corps because of "the personal Americans have served in 94

The Peace Corps is an organization funded by Congress which places American citizens in developing countries to help administer projects such as teaching and farming assistance. According to Charna Lefton, Peace Corps Public Affairs Manager, the organization was founded to: "promote world peace and friendship, assist developing countries, their "motivation, flexibility, and while learning the language," and promote a mutual under- resourcefulness," said Bill Maibe,

standing between the U.S. and a recruiter for Southern California. "One of five applicants are Bill Donovan, a UCSD gradu- accepted," Donovan added.

ate, is currently applying to serve "The most asked question about the Peace Corps," Maibe said, "is 'Do I get to choose where I serve?" "Applicants may request countries and to list any countries enrichment of learning about a are sent to here where they are new culture and its customs and most needed," Lefton said. to make a contribution to society." The requirements of a Peace

All applications that are ac-Corps volunteer are that he or she cepted must go through a 12week intensive training program must be a U.S. citizen, at least 18 that is administered in the counyears old, and have a four-year try where the volunteer is to serve. college degree or three to five The program emphasizes three years technical or trade experithings. The first part is learning the language. "In most cases, Applicants for the Peace Corps are interviewed and judged by volunteers live with a host family

See FRATERNITY, page 13

Model prisoners.

25% OFF Any small, medium or large frozen yogurt

OPEN kinko's the copy center

457-3775

8855 Villa La Jolla Dr.



Vision

Continued from page 12

To understand the difference between these two levels of research, a rough comparison may be made with computer science, where scientists distinguish between the computer itself (hardware), and the programs which are run on the computer (software). The brain itself may be compared with the computer hardware, while the cognitive processes are written into the software.

There has been little successful collaboration between researchers on different levels, and it has been widely believed that progress at one level could proceed independent of progress at other levels.

Fruitful Convergence

"In the past," Churchland and Sejnowski wrote, "discoveries at the neuronal level and explanations at the cognitive level were so distant that each seemed of merely academic significance to the

"However," they continued, "there is now a gathering conviction among scientists that the time is right for a fruitful convergence of research from hitherto isolated fields."

A new approach does not imply that either psychology or neuro-

Fraternity

Continued from page 12 Maibe said.

The second part of the training program focuses on understanding "the cultural idiosyncracies and how to be culturally sensitive. The third part of the training program is technical training.

The countries to which the Peace Corps sends volunteers, according to Lefton, are countries that invite the Peace Corps to help them with specific needs. "We are not there to make them a Western country," she said.

Although the Peace Corps is funded by the U.S. government, Donovan said, volunteers are "free to express their own political view." to his knowledge.

Jean McGinnis, a San Diego resident who served in Tunisia from 1985 to 1988, returned a few months ago in a wheelchair after suffering a broken foot and ending her last month of service in a hospital. She is currently awaiting her next Peace Corps assignment.

McGinnis' assignment in Tunisia was to teach physical therapy exercises to the handicapped. "I definitely saw my impact," she said. She helped one fatherless three year-old girl with polio, whose mother had four other children. "By the end of the year, she had a brace and could walk with crutches," she explained.

Majory Clyne, and advertising accountant executive at Pacific Bell, served in Western Samoa in the early '70s. "When something is assumed of you, you have to live up to that ... when I returned, I didn't know what I wanted to do with my life, but I knew I could do it," she said.

The Peace Corps pays for the transportation, food, and board of its volunteers during their service and provides a small allowance, Lefton said. They also hold \$200 a month and give it back to volunteers in a lump sum of \$4,800 after the two years of service, "to help people get back on their feet again," she said.

biology will be reduced to becoming a subset of the other. Instead, according to Churchland, "the

"You can't possibly figure out the story of cognition, perception, and language using only (physiological) methods," they added. At the same time, psychological stu-

two [disciplines] are interde-

Improvements in computer technology have created possibilities to construct models which mimic nerve cells in the

dies are essential because "without psychology ... we don't know the capacities that we are trying to

"It is a coevolutionary strategy ... research at one level provides constraints, corrections, and inspiration for research at other levels," they explained.

Appropriate Approach

There are a number of reasons that such an approach may be appropriate, according to Churchland and Sejnowski. Above all, it is consistent with observations regarding the complexity of the nervous system. While it may be possible to separate a computer from its software and understand one without the other, the brain does not appear to be so simple.

"Nervous systems have many levels of organization between the molecule and systems levels, each with its own important function [implying] that there are many levels of implementation and that each has its companion task description," Sejnowski and Church-

Improvements in computer technology and computational methods have created possibilities to develop and test hypotheses by constructing computer models which mimic the networks of nerve cells in the brain.

Computer Model Working with his associates, Sejnowski has produced one such computer model, which attempts

to mimic the visual system by

· Position Open ·

Contributing Features Editor

Call Julie Munro at the Guardian...

534-6580

generating a network which will be able to distinguish a threedimensional object from a shaded two-dimensional image.

To do this, the model uses "queues from shading, or the pattern of light and dark on the surface of an object," Sejnowski said. "We want to find out what connections are needed to accomplish these tasks," he added.

The network is improved each year as researchers gain more

See BRAIN, page 15

ERRATA

We would like to clarify the Interfaith Interface forum story (Guardian, Dec. 1). According to the Moslem tradition, Mohammed received the Koran as a revelation from God through the angel Gabriel. Mohammed did not write the Koran, as the story suggested. The Guardian regrets any misunderstanding.

UCSD STUDENTS:

Vons Shopping Center wants and appreciates your business.

BY PRESENTING YOUR STUDENT I.D. WE WILL GIVE YOU 15% OFF ANY **DRY CLEANING ORDER WITH 5** ITEMS AND 20% OFF ANY ORDER WITH 6 OR MORE ITEMS.

> This offer is valid on dry cleaning only. Discount does not apply to laundry items. Good until May 31, 1989

COLONY CLEANERS • La Jolla Colony . 455-0077

COLONY CLEANERS in the

BE ON THE LOOKOUT FOR OTHER **UPCOMING STUDENT BARGAINS!**

NUCLEAR FISSION AND FUSION ENERGY SPRING QUARTER, 1989

AMES 119C: ENERGY, NUCLEAR COURSE CODE: 1008

INSTRUCTORS: M.T. Simnad and W.B. Thompson and Guest Speakers

TOPICS include: the basic physics of fission and fusion, principles of nuclear reactor designs and reactor engineering, operational experience, safety, waste disposal and nuclear fuel resources, economics and status of nuclear power. Prospects for the inherently safe reactor designs. Visits to General Atomics (research reactor and Doublet fusion facility) and to San Onofre nuclear power station.

Office Location: EU-3205 (534-4903)

PROFESSORS, END THE PAPER CHASE



Give your students an alternative to the Library Reserve Room. We'll turn your loose course materials into bound class readers. NO CHARGE TO YOU OR YOUR DEPARTMENT



LOWEST POSSIBLE COST TO YOUR STUDENTS OUR REP WILL HELP ORGANIZE YOUR MATERIALS OVERNIGHT ORDERS ACCEPTED FREE PICK UP AND DELIVERY

Let Us Do The Chasing While You Do The Teaching

kinko's

the copy center

La Jolla Village Square 457-3775 · OPEN 24 HOURS



Housing Survey

Continued from page 12

Have children? Yes No Are female?

Were not married to the person you intended to live

Were over 65 years of age? Yes No

Are handicapped? Have a different sexual orientation?

Receive government assistance?

Other?

5. Who discriminated against you? Landlord, property manager, real estate agent, bank or savings and loan, neighbors? (circle one)

6. What made you think you were being discriminated

7. In which part of the town did this occur?

8. Did you file a complaint? If yes, did where did you file the complaint?

And what was the outcome?

How long did it take?

Were you satisfied with the outcome?

9. What sort of help do you think is most needed to

help other people in the community who may be discriminated against?

counseling and education about their rights

legal help

an organization to represent them

someone to investigate complaints

monitoring companies who have discriminated in

10. How serious a problem do you think housing discrimination is in San Diego? very serious fairly serious

Name and address (optional):





UCSD Student Special

WESTERN BACON

CHEESEBURGER REG. FRIES

REG. SOFT DRINK

Offer valid at: 6788 Miramar Rd.

Coupon expires Mar. 4, 1989. One offer per coupon. One coupon per customer per visit. Not valid with any other offer or discount. Price does not include tax. ©Carl Karcher Enterprises, Inc. 1988







DELTA DELTA DELTA

HERE'S THE NEWS!

Delta Delta Sorority Rush

Week of January 8th

Rush Registration Jan. 4th-6th on the Plaza or in the Panhellenic Office Jan. 7th and 8th.

For more information call 558-0652 or 487-8439.

STRANGE BUT TRUE:

MODERN MEDICAL CHALLENGES

Dr. Robert Livingston — Nationally Known Neuroscientist

will speak on

"CHASING THE MIND

THROUGH THE BRAIN"

Thursday, January 12, 1989

Oceanview Lounge

Third College Campus

4:00 p.m. - 6:00 p.m.



grove caffe

WILL BE OPENING ON **SUNDAYS** STARTING JANUARY 8TH

HOURS:

7:45 am to 11:00 pm M-TH 7:45 am to 5:00 pm Friday Sat. 9:45 am to 5:00 pm 9:45 am to 5:00 pm Sun.

grove caffe coupon **SUNDAY ONLY**

BUY ANY PASTRY OR DRINK AND GET A SMALL COFFEE OF THE HOUSE FREE! (With this coupon only)

Sponsored by Third College Student Outreach Leaders (SOL)

Continued from page 13 "Right now we can only mimic small pieces of the brain ... the hope is that someday they will be as powerful as the real brain," he Dr. Sejnowski, recently arrived











Philosopher

Dr. Churchland is a professor of philosophy at UCSD, and has written a book on the philosophy of the mind (Neurophilosophy: Towards a Unified Science of the Mind-Brain).

at UCSD from Johns Hopkins

University. He is both a professor

at UCSD and director of the

Laboratory of Computational

Neurobiology at the Salk Institute.

The UCSD Guardian

Brain

"The hope is that someday they will be as powerful as the real brain."

-Dr. T. J. Sejnowski

Churchland was optimistic about the possibilities for future developments.

"The science of the brain has developed to a point where we think that we might really be able to understand something fundamental about what we are," she said, "and that's a first."



Get a grant of up to \$500 to help out with that special academic or creative project! U.S. GRANT\$ has \$7000 to fund undergraduate academic projects this Spring Quarter. For more information attend a grant workshop on Tuesday, Jan. 9 at 3 pm. The workshop is in the

IS GIVING MONEY AWAY

Multi-Purpose room, upstairs in the Student Center. Questions? Drop in or call 534-3917. Remember: Deadline is 3 pm Wednesday,

UNDERGRADUATE SCHOLASTIC GRANTS

Experience the Taste of MEXICO



1030 Torrey Pines Rd. (corner of Herschel) **EAT IN OR TAKE OUT**

- Carnitas
 - Tamales Chicken Tacos
- Burritos Carne Asada
- Chilaquiles

Open 11:00 AM to 9 PM EVERYDAY! Call in your order in advance for faster service 459-1708

4 ROLLED TACOS WITH GUACAMOLE, SOUR CREAM & CHEESE \$4 69

You don't have to live at home, to get home delivery.

January 11, 1989.

With our special Home-Away-From-Home Delivery for on-campus students and faculty, you can have The San Diego Union, daily and Sunday, for only \$1.40 per week. That's just

The San Diego Union Gorbachev vows sharp troop cuts outnamber NATO's \$15.00 for your entire semester.

The offer expires February 3, 1989, so subscribe now. Just call us at 299-4141, or mail in the coupon below. You can even stop by one of our booths. We'll be on campus during registration, January 4th, 5th, and 6th. Then make yourself at home, and we'll bring home

The San Diego Union

San Diego's Local Newspape

Yes, sign me up for Home-Away-From-Home Delivery of The San Diego Union. Grad. Date

> Please send coupon along with \$15.00 check to: The San Diego Union Circulation Department, P.O. Box 191, San Diego, A 92112 ATTENTION: Student Papers

STOREWIDE PAINTS, PASTELS, ETC...

Winsor/Newton Series 7 Brushes
Bocour Olis & Acrylics
Brushes (most brands)

DRAWING & WRITING INSTRUMENTS

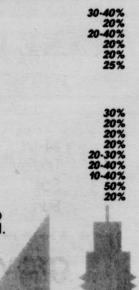
DRAWING & WRITIN
Technical Pens & Sets
All Markers & Sets
Pentel Pens, Pencils & Markers
Lead Holders & Lead Pointers AIRBRUSHES, STUDIO FURNITURE, ETC.

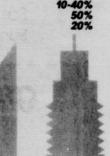
PORTFOLIOS, STOCK FRAMES, T-SQUARES, ETC...

Sale items are limited to stock on hand.









30% 40% 40% 30% 20% 20-40% 30% 30% 30% 30% 30%

40-58% 40-50% 20% 20%



SPORTS-

Women's Basketball Owns 7-4 Record

Tritons Get Sweet Revenge Over Millikin

By PHIL GRUEN Sports Editor

The UCSD women's basketball team, after an embarrassing 31 point defeat at the hands of Millikin College of Illinois in the consolation game of the UCSD Tournament Friday night, avenged that loss Monday with a 67-60 victory over Millikin in the Triton Pavilion. The victory improves the Tritons' record to 7-4 on the season.

Millikin, which hit a great deal of its outside shots in Friday night's triumph over UCSD, was not able to duplicate that feat as the Tritons executed a full-court pressure defense to shut down its outside shooting game. Millikin, which falls to 8-6, held a four point halftime lead at 32-28, but UCSD took the lead with 10 minutes left in the second half and

The Tritons were led in the scoring department by Jill Koster's 15 points, while Beth Koenig, Tracy Ragatz, and Nancy Caparaz added 13, 11 and 10 points respectively. Millikin's May Sanders led all scorers with 20 points. Before the Tritons lost to Mil-

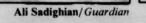
likin in the consolation game of the tournament, they lost their first game to Pacific Lutheran 76-68 but then beat Emmanuel College 75-71 to earn the right to play in the consolation match of the eight team tournament. Pacific Lutheran went on to beat Luther College in the semifinals 69-50. but was demolished by defending UCSD Tournament champion St. Ambrose College in the finals by an 89-57 count.

UCSD, who won the tournament back in 1986 and in succes-See W. HOOP, page 17

Underdog

Buffalo







Bernadette Diepenbrock (left) and Beth Koenig have been major factors in the Tritons' success this season.

was shocked," said Denys.

Vance expressed relief at hav-

Before the shock of the qualifi-

cations could wear off, Marita

Michelin glided to the wall, touch-

ing for a qualifying time of 1:10.41

in the 100 meter breast stroke.

Michelin, swimming in her first

meet of the season due to illness

and a shoulder injury, was not yet

Later in the afternoon she

repeated her winning perform-

breast stroke with a time of

Not to be outswum by the vete-

ran Triton swimmers who were

all National qualifiers last season,

freshman Shannon Smith reserved

a spot for himself at Nationals

Individually, Triton swimmers

had much success. As a team, the

Triton men beat Air Force and

Wyoming with ease. The 526.5

point difference avenged last sea-

son's one point loss to Air Force.

well, placing second among four

teams. Hampered by illness and

missing three swimmers, the wom-

en battled Nebraska and finished

See SWIM, page 17

The Triton women also swam

ing qualified so early in the sea-

son. "Now I can train really hard

and get mentally psyched for

PHIL'S PRIME PICKS



Favorite

By PHIL GRUEN (Phil is currently 8-5)

AFC Championship

Spread CINCINNATI 31/2*

PHIL'S ANALYSIS ... The Bills are in the AFC Championship game? The Bills? The Buffalo Bills? Let's wake up and smell the coffee, folks. Let's be realistic for a second here. The only reason the Bills made it this far is because the rest of the AFC, except maybe Cincinnati, is awful. The Bengals aren't that good either, but they beat Buffalo 35-21 earlier this year and on Sunday it might be worse. I'll put money on it that you can't name more than three players on the Bills. Go ahead. Give it a try. Jim Kelly ... Cornelius Bennett ... um ... Fred Smerlas (who's he?) ... um ... um... I told you. The fact is, the Bengals probably won't even have to try very hard because the Bills will beat themselves before the Bengals do. Against Houston, the Bills managed to completely blow four scoring opportunities when they had the ball inside the Oilers' 20 yard line — including twice when they were stopped on fourth-and-one plays inside the five. Besides, Cincinnati has been to the Super Bowl before, and it won't take more than a quarter of action before Buffalo realizes that it doesn't belong in the playoffs at all. Obviously, Phil wants you to ...

TAKE CINCINNATI

Swim Team Qualifies Four to Nationals

By CARIN RESNICK

Surprising would be a good word to use to describe the happenings at UCSD's Collegiate Swimming Invitational Saturday, Dec. 31, when four Triton swimmers qualified for the NCAA Division III Championships.

Unseasonably cold weather left swimmers shivering between events, lowering expectations of swimmers and coaches alike. "We're used to training in this weather, but it's hard mentally to psych up when you're this cold," commented team co-captain Steve ance, qualifying in the 200 meter

The second strike against Triton swimmers was their intense training schedule. Having just finished two separate weeks of demanding training, ("hell week" as the swimmers refer to it), nobody expected with 4:15.62 in the individual

With two strikes against them, medley. the Tritons surprised everyone by qualifying four swimmers for the NCAA Championships. Jason Vance and Steve Denys were the first Tritons to qualify for Nationals. Vance and Denys sprinted to respective times of 21.38 and 21.54 in the 50 meter freestyle.

Both swimmers were amazed by their times. "I hadn't really concentrated on my swim. When I looked up at the scoreboard

AUTO

Men's Hoop Falling On **Hard Times**

Tim Rapp Ineligible

By PHIL GRUEN Sports Editor

A possible postseason berth for the men's basketball team practically faded into the mist this vacation when the team discovered that its leading scorer, sophomore guard Tim Rapp, was declared academical ineligible for the rest of the 1988-89 season. Rapp was averaging 20 points a game at one point this season, and now the Tritons are left without a solid offensive

Senior captain Scoop Troy picked up the offensive slack by scoring 21 his effort was not enough to defeat Elmhurst College of Illinois. Sophomore forward Gordon McNeill scored 18 and collected seven re-bounds in the Tritons' 92-90 overtime loss, which reduced their record to 3-7 for the

See M. HOOP, page 17

*Official line from the Golden Nugget, Kingsbridge NV.

Roth's - in the alley in P.B. *. **FUTONS OR FRAMES**

5% DISCOUNT when you buy lounger & futon

FUTONS Twin 6" \$60; 8" \$80. Full 6" \$70; 8" \$90; Queen 6" \$80; 8" \$100; King 6" \$110; 8" \$130 4-WAY LOUNGER in \$50 • Full \$58

ueen \$62 • King \$110 folding Foam, sit or sleep r. Twin \$33, Twin \$39, Full \$55, 37, Full \$54, Queen \$64)

STORE HOURS Thurs. 2-8pm; Fri. 12-5pm Mon.-Wed. appointments 273-3418 or 569-7081



Japanese Comforters - Twin \$69; Full \$79; Queen \$89; King \$99 "Sy" Couch With Arms or sleep. Full \$129, Queen \$149 WE CARRY INVENTORY.

*Pacific Beach · 967 A Beryl St. in alley between Law and Beryl, west off Cass. From Garnet Ave. turn north o Cass St. - go 7 blocks to Beryl.

NSURANCE Special College Student Program

CALL US FIRST 584-6400 WESTLAND Insurance Brokers

3838 Camino Del Rio North #315

FULL TIME STUDENTS

WE HAVE EXCELLENT **AUTO INSURANCE RATES** FOR QUALIFIED STUDENTS

CALL 279-5955

D'Agnessa Insurance Agency 7841 Balboa Ave. Ste. 215 San Diego, CA 92111

ALSO: HOME/CONDO OWNER INSURANCE

W. Hoop

The UCSD Guardian

Continued from page 16

sive years in the early '80s, finished sixth in this year's tourney and did not place anybody on the All-Tournament team. St. Ambrose boasted an 11-0 record and two All-Tournament team members when the tournament came to a close. Other teams competing in the tournament included Cal St. Stanislaus and Cal St. San Bernardino.

Back on the weekend of Dec. 2 and 3, the Tritons competed in the Cal St. Stanislaus Tournament, where they defeated Oregon Tech 65-51 in the first round but lost to CSU Stanislaus 71-43 in the finals. In the Oregon Tech game, Ragatz pumped in 18 points and Bernadette Diepenbrock grabbed 19 rebounds.

On Dec. 13, UCSD defeated Christ College of Irvine 89-77 as Koster scored 20 points and pulled down 12 boards. The Tritons do not play until next Tuesday night when they host Whittier at 7 p.m. in the Triton Pavilion.

M. Hoop

Continued from page 16

UCSD's losing streak now stands at four consecutive games, in addition to an exhibition game loss to Athletes in Action. The Tritons have not won a game since Dec. 2, when they beat Point Loma Nazarene. Since then, the Tritons have lost games to Occidental, Bethany Bible, Pacific and Elmhurst.

Friday night the Tritons hope to turn things around when they host Gordon College in the first game of the La Jolla Classic at 8 p.m. in the Triton Pavilion. The earlier game pits Pomona-Pitzer against Millikin College. Friday's game is the annual Spirit Night, and it will be followed by a dance with a live band in the Rec Gym.

Swim

Continued from page 16

just 18.5 points out of first place. Head coach Bill Morgan pointed out that challenges lie ahead. "We have some important meets coming up and the big trick is to sustain our training for two more months. Keeping the level of intensity this high is difficult."

This weekend, Jan. 6-8, the Tritons will host the San Diego matches the Tritons against swimmers from seven colleges and 10 U.S. swim clubs.

Now's your chance to show how much more spirit you have than your friends (or enemies) from Revelle or Warren or wherever. Come to the annual UCSD Spirit Night, when the Tritons host Gordon College (coached by former UCSD coach and NBA player John Block) on Friday night at 8 p.m. in the Triton Pavillion. After the game, there will be a dance with a live band in the Rec Gym. This event is sponsored by Intercollegiate Athletics and the Inter-College Residence Hall Association.



Forward Rick Batt puts one up over the Elmhurst defense

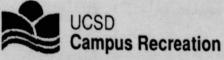


Senior Scoop Troy amassed 21 points on Friday night.

Take a break - Get out of your books and into a RecClass! Campus Recreation has something for everyone

Tennis ◆Weight Training ◆Body Shaping for Women ◆Ice Skating Striding for Fitness *Racquetball *Sand Volleyball Private Lessons ◆Mindbody Dynamics ◆Swimming Lessons Beginning Fitness Swim ◆Fitness Stoke ◆Waterpolo ◆Surfing ◆Nui King Akido ◆Hatha Yoga ◆T'ai Chi Ch'uan ◆ Circulatory Massage Shiatsu Massage ◆Shotokan Karate ◆Tang Soo Do Karate CPR ◆First Aid ◆Self Defense ◆Ballet ◆Jazz Dance Modern Dance ◆Ballroom Dance ◆Aerobics ◆Wateraerobics ◆Trimnastics Waterpolo ◆Hour of Power ◆Stretch & Relaxation ◆Children's Classes

See the winter issue of the Canyonview newsletter for complete schedule. Sign-up and details at X44037, Canyonview Athletics & Recreation building.



Uncoming UCSD Intercollegiste Action

o peoming	OCSD Interconegiate	ricul	,,,,,
What	Who	When	
Basketball (W)	WHITTIER	Jan. 10	7:00 p.m
Basketball (M)	GORDON COLLEGE	Jan. 6	8:00 p.m.
	POMONA-PITZER or MILLIKIN	Jan. 7	6 or 8 p.i
Fencing (M)	U.S. Fencing Ass. Coll. Open (MD)	Jan. 7-8	all day
Swim. & Div. (M&	W)SAN DIEGO SENIOR INVITE	Jan. 6-8	all day
Volleyball (M)	UCSD ALUMNI	Jan. 7	2:00 p.m.



RECORD	SBOX		(3)
	w	L	T
Basketball (W)	7	4	0
Basketball (M)	3	7	0

1989-90 **UCSD UNDERGRADUATE SCHOLARSHIP** APPLICATION DEADLINE FOR

Continuing, Readmitted, Early Admissions Honor Students, Entering Students Winter/Spring Quarters 1990

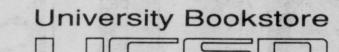
JANUARY 11, 1989

Scholarship Workshops

Thursday, January 5, 1989 Monday, January 9, 1989

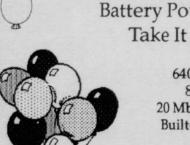
12:00 to 1:00 p.m. 12:00 to 1:00 p.m.

North Conference Room, Student Center

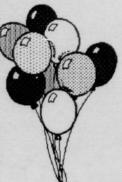




Zenith laptops and PCs at the University Bookstore Open House Demonstration-Thursday, January 19, 10 a.m.-4 p.m.



Battery Powered Laptops Take It Anywhere!

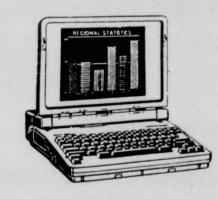


640 K RAM 8 M Hz 20 Mb Hard Disk Built-in Modem

UCSD Price: \$1999

Supersport 286 1 Mb RAM 20 Mb Hard Disc

UCSD Price: \$3110





Z-286 LP-Compatible PC Small Footprints-17 lbs!

1 Mb RAM

Expandable to 6 Mb on Main Board/16 Mb System

8 M Hz, 0 Wait State

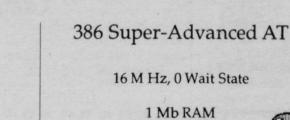
20 Mb Hard Disk

Flat Screen VGA Color Monitor Included

UCSD Price: \$2389

University Bookstore Computer Center 534-4291 Hours: Monday-Friday 7:45 a.m.-5:15 p.m.

Saturday 10 a.m.-4 p.m. Closed Sundays and Holidays



Expandable to 16 Mb

40 Mb Hard Disk

Flat Screen VGA Color Monitor Included

UCSD Price: \$3779





CLASSIFIEDS The UCSD Guardian

rate per 15 words is \$1 for students, \$3 for faculty and exact change. Deadlines are 4 p.m. Thursday for Monday's paper, 4 p.m. Monday for Thursday's paper. The Guardian serves the right to refuse any advertising including but not limited to companionship ads. For more information call 534-5416. The Guardian, UCSD, B-016, La Jolla CA

INNOUNCEMENTS

Mountain Biking Club forming! ALL interested call Rec. Ctr. 534-4037. Leave your name and number. (1/4)

Tri Delta is coming! Rush begins Jan. 8, register now in the plaza. For more information, call 558-0652 or 487-8439.

Repair your credit rating and fill your bank account with cash! Write Jason for free details at 7770 Regents Rd. #113, Suite 363, San Diego, CA 92122.

\$50 Mono \$50

Have you had

mononucleosis within

the last month? If so your

plasma could make a

valuable contribution to

the medical industry, and

earn you \$50 at the same

time. For additional

details call Ms. Vawter at

Essential Biologics.

226-1733.

HOUSING

apt. in University City. A/C, pool, jacuzzi, sauna cable microwave 10 ft ceiling laundry, \$385/month + 1/2 ultilities. Call Jody before/after winter break — 558-1314/ (1/4)

FOR SALE

'68 Mercury Cougar. Black, perfect body, good interior, new tires, excellent running condition. \$2900 obo. 558-6707. (1/4)

Thriller without chiller! Brand new O'Neil O'No wetsuit, size medium. \$90 (retails for \$120). 587-6716. (1/9)

For sale: miscellaneous stereo equipment and speakers. For inventory and prices call Bryan at 558-7551. (1/4)

ion Accordors. Great condition, \$300 or best offer. Sold w/pump and seat cover. Call Nicole at 458-9303. (1/4)

SERVICES

Recovering from Eating Disorders Group (RED III). This group is for students who liminary appointment is necessary before coming to the group. The group is led by Beverly Harju and Carol LeBoeuf. Call leverly at 534-3987 for a preliminary appointment before coming to the group.

FRIDAY, Jan. 6 2-4 p.m. — Alcohol and Substance Abuse Group, if you have ever asked "Do I have a problem?," chances are you do have a few things to talk about. ested students please call Dan Munoz at 534-1579 for information. The group is led by Dan Munoz and Tyler Gabriel. Revelle Provost's Office

Bike — 1988 red/white 19" frame Centur- ASME Meeting. Tuesday, Jan. 10 at 6 p.m. Guest speaker: Gayle Cadullader Prof. Engineers license — all about the EIT and PE exam. PH 104.

Delivery avail. 755-8188. (1/4)

Word Processing. Paper, \$2/pg., re-

PASSPORT PICTURES! New at Cal Copy. Only \$5.95. While you wait. Xeroxes and more. Near St. Germains. 452-9949.

Free non-denominational Bible Correspondence Course, P.O. Box 27393G, Escondido, Calif. 92027. 747-4155. (1/4)

WANTED

Child care for 5-year-old boy in Del Mar Mon AM and Fri PM only. Experienced, non-smoking, references. \$6 p.h. Call Helen 453-4100 x239; 755-3201 (eves).

WANTED: Motivated undergraduate subects for visual psychophysical experi ment. Study extends over 1 month. Earn at least \$50, can receive credit for psychology classes. Call Karen at Salk Instiute, 453-4100 x420. (1/9)

Receptionist/secretary — light typing, p/t 7071 bet. 2-5. (1/4)

UCSD students with GPAs of 3.0: Paid notetaker positions are available for the ollowing Winter 1989 course: Econ 177, TWLit 22W, History 111, Chem 6B, Math 2B, CSE 171A. Paid reader position needed for CSE 171A. Contact Disabled

PERSONALS

always be friends! -Ali.

it's starting out as. Thanks for the hard work and don't forget about the meeting on Thursday on Thursday at 5 p.m. (won't be there). Leesa.

Happy Birthday P.K.! What are you now, 30? Looking pretty good. The entire West Coast and its associated marine life wish you all the best. Enjoy!

HAPPY BIRTHDAY SUE! What are you now, 25? Looking pretty good. The entire world wishes you all the best in '89!

HAPPY ANNIVERSARY FOLKS! What is it, 26? Looking pretty good. Have a great

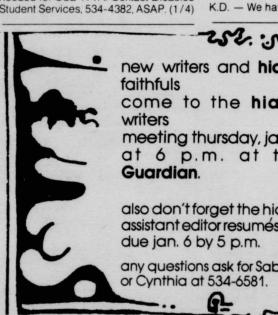
To everyone I didn't send Xmas cards to Merry Christmas!

Marci: What's with the green legs? —Kerm

Looks like you're not so important after all. Take a look. Don't feel bad. -Seth

and rock and roll motif? From an unhip,

K.D. - We have your purse. - England



new writers and hiatus come to the hiatus meeting thursday, jan. 5 at 6 p.m. at the also don't forget the hiatus assistant editor resumés are any questions ask for Sabrina

INSTRUCTORS PUBLISHING

Save money at Cal Copy and pass it on to your students!

Cal Copy

Why Go Anywhere Else?



Self service copiers • Volume discounts • Professors notes • Copies while you wait • Book Binding • Free Parking

HOURS: M-TH 8:30-6:30, Fri. 8:30-6, Sat. 12-4

3211 Holiday Court, La Jolla Next To St. Germain's

452-9949



OFF **ANY MEDIUM PIZZA**



455-0662

DELIVERY

FREE

CAMPUS

TO YOUR

DOOR

8873 Villa La Jolla Dr. La Jolla Village Square

Socially Conscious Irish Invasion

Music Editor

If there are two things that 1988 will be remembered for, it is as the year that gave us music with a conscience, and as the year of the Irish invasion of new bands.

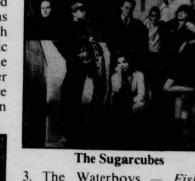
Newcomer Tracy Chapman led the way with songs about governmental and domestic injustice, only to be followed by a barrage of socially conscious music in the wake of the Amnesty Human Rights tour. Meanwhile having had its door opened by the success of U2, Ireland produced several of the most promising new bands in years. The traditional Waterboys and the powerful In Tua Nua took the place of the Irish Fab Four's slightly below par Rattle and Hum.

1. Tracy Chapman - Tracy Chapman (Elektra) Undoubtedly one of the most exhilarating debuts in years. Chapman's self-titled epic leaps over every barrier imaginable and prospers with her vivid lyrics and illustrious

By LARRY WEINTRAUB 2. The Sugarcubes — Life's Too Good (Elektra)

While the mundane avalanche of pseudo-heavy metal plagued the air waves this year, it was Iceland's Sugarcubes which broke from the rut. Energetic and sometimes eclectic, the Sugarcubes fronted by singer Bjork and her aggressive voice thrust their debut American release to the top of this list.

Tracy Chapman



3. The Waterboys - Fisherman's Blues (Chrysalis) Hailing from the land of U2, the Waterboys opted for the traditional instead of their counterpart's commercial endeavor. The result is a fascinating feast of Irish lore set to a variety of tempos. Makes you wish Bono and gang had taken a similar approach.

Midnight Oil - Diesel and Dust (CBS) The politically conscious Oils went back to their ancestral roots and returned with a stimulating new album. The

powerful depiction of life on the Australian outback is strongly portrayed through lead singer Peter Garret cries for social awareness.

R.E.M. - Green (Warner Bros.) It seems the year wouldn't be complete without an R.E.M. album making the charts. With Green, we find that Michael Stipe's lyrics are a little more decipherable yet still not clearly understandable and the music is as glorious as ever.

Guns N' Roses - Appetite for Destruction (Geffen), Metallica - And Justice for All (Elektra) If heavy metal is going to be recognized at all this year,

Yes, this is definitely an

R.E.M. album.

ETALLIC

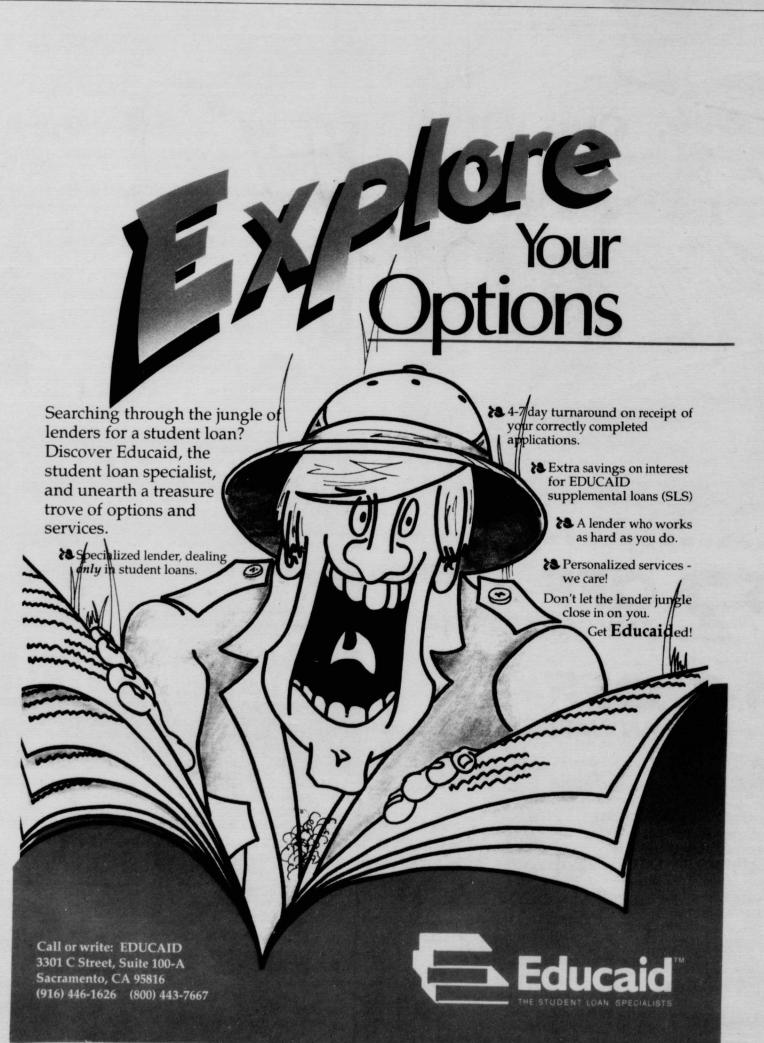
together. Shining as the only two bright stars in this rarely respected galaxy of hard and fast rock, both Guns N' Roses and Metallica succeeded without the aid of commercial radio and MTV. On their major label debut, Guns N' Roses deals with drugs and violence from a very accessible perspective. Meanwhile, Metallica skipped the typical drug and sex motif and chose political and social topics backed of course by their patented fast and aggressive rhy-

7. The Dream Syndicate Ghost Stories (Enigma)



In Tua Nua





In a year unblessed by a new Replacements album, the Dream Syndicate managed to fill the void. Blending hardedged rock and rock with moving ballads, these veterans recorded their best material in

Jane's Addiction -- Nothing's Shocking (Warner Bros.) It's hard to describe this band. One moment lead singer Perry Farrel is crooning a poetic ballad, the next he's being overhauled by distorted guitars. After hearing this album (and seeing the album's cover), nothing really is shocking.



Jane's Addiction

. In Tua Nua — The Long Acre (Virgin) If 1988 does go down as the year of the Irish invasion as far as popular music is concerned, one of the reasons is In Tua Nua. After years of shuffling band members in and out (including former lead singer, Sinead O'Conner), Tua Nua has settled on the right

formula producing some good

energetic music.

10. Peter Murphy - Love Hysteria (Beggars Banquet/RCA) The former lead singer of Bauhaus proves that he still has a lot of great material in him. Adding a slight pop edge to his gloomy songs, Murphy escaped from the shadows and moved to the forefront alongside his former companions,

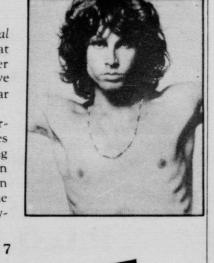


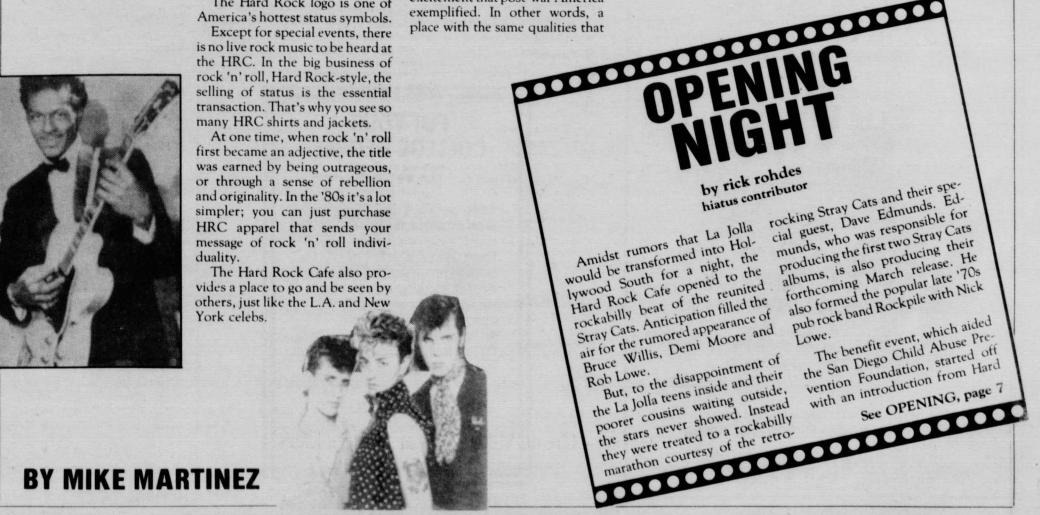


London in 1971. He felt there was a need for an American-style hamburger joint with a sense for the innocence, fun, energy and excitement that post-war America exemplified. In other words, a place with the same qualities that

Diego location), he opened the first HRC in Los Angeles. Hollywood — it had to figure

See CAFE, page 7





JANUARY 4, 1989

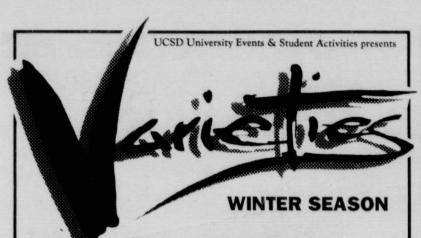
Hard Rock Cafes is from mer-

chandising - shirts, jackets, hats

America's hottest status symbols.

The Hard Rock logo is one of

and other casual wear.



CHILDREN'S THEATRE COMPANY

in "Rumplestiltskin" & "Kalulu and His Money Farm"

The finest children's theatre in the country. January 13, Friday G.A. \$10.00, St. \$6.00 UCSD Fac/Staff/Sr.Cit. \$8.00

STANFORD STRING QUARTET with Hubert Laws

A special evening with this renowned flutist.

January 14, Saturday G.A. \$11.00, Students \$7.00 UCSD Fac/Staff/Sr.Cit. \$9.00

EMERSON STRING QUARTET

"Phenomenal...an abundance of spirit." -S.D.Union

January 21, Saturday G.A. \$18.00, UCSD St. \$9.00

INTERNATIONAL STYLE **SERIES 1989**

Twelve outstanding contemporary films including eight San Diego area premieres. Begins Feb. 2 thru June 6 Series passes: \$15, Single tickets \$2.50

BALLET HISPANICO

Excitingly vibrant musical dance experience February 11, Saturday G.A. \$15.00, St. \$10.00 UCSD Fac/Staff/Sr.Cit. \$12.00

P.D.Q. BACH

A glorious spoof of serious music. February 14, Tuesday G.A. \$15.00, St. \$9.00 UCSD Fac/Staff/Sr.Cit. \$12.00

ELIE WIESEL

Nobel Prize-winning humanist February 21, Tuesday, UCSD Gym G.A. \$9.00, St. \$5.00 UCSD Fac/Staff/Sr.Cit. \$8.00

JUBILATION! **DANCE COMPANY**

A blend of modern, ethnic, jazz & classical March 4, Saturday G.A. \$15.00, St. \$10.00 UCSD Fac/Staff/Sr.Cit. \$12.00

All performances are at 8:00 p.m. in Mandeville Auditorium unless noted.

25

TICKETILLOSTER AT MAY COMPANY, MAD JACK'S, TOWER RECORDS, PERRINS BOOK WORM & ARTS TIX TIXENET MASTER OF CHARGE (619) 272-TIXE UCSD Box Office: 534-4559

MAHING

 Under the direction of music director Zoltan Rosznyai, the International Orchestra of USIU will open its 1989 season with "Mozart Plus" on Friday, lan. 6 at 8 p.m. in the Lyceum Theatre. This is the first of the orchestra's eight-concert season. Subscriptions at \$30 (four concerts) and \$50 (eight concerts) or single tickets at \$10 may be charged by phone 298-0082. For more information, call 298-0082 or 693-4613.

■ Pianist Ivan Moravec of 'Amadeus" will join the San Diego Symphony under the direction of West German conductor Hermann Michael at 8 p.m. on Jan. 5 and 6. The program will include Brahms' Tragic Overture and Bartok's Concerto for Orchestra. David Amos, conductor of the Jewish Community Orchestra and columnist for the San Diego Jewish Times will present a lecture in the lower lobby at 7 p.m. Tickets are available between 10 a.m. and 6 p.m. Monday through Friday at the Symphony Hall box office. Tickets are also available at all TicketMaster outlets or can be charged by phone at 278-TIXS. For more information, call 699-4205.

■ Silent screen stars Lillian and Dorothy Gish star in the 1921 silent film classic "Orphans of the Storm," showing on Jan. 7 at Symphony Hall. The Symphony accompanies the film with guest conductor Carl Daehler and organist Dennis James. Tickets are available at the Symphony Hall ticket office (1245 Seventh Avenue) between 10 a.m. and 6 p.m. Monday through Friday, and at Ticket-Master outlets. To charge by phone, call 278-TIXS. For more information, contact the Symphony Hall ticket office at 699-4205.

■ Now through Feb. 28 the Reuben H. Fleet Space Theater and Science Center is screening "The Year of the Comet" together with "Tomorrow In Space," a fact-based scenario of man's not-too-distant future in space.

■ "Laserock: The Cutting Edge," a laser-light concert, is showing now through Feb. 28 at the Reuben H. Fleet Space Theater. The show features the music of The Talking Heads, The Cure, U2 and Depeche Mode. The program plays daily at 9:15 p.m., with an additional 10:15 p.m. show on Fridays and Saturdays. Admission is \$5.50 general, \$4 seniors. Admission includes entrance to the Science

■ Sushi presents "Earth Life," featuring poet Essex Hemphill and musician Wayson Jones. "Earth Life" looks at daily existence in and out of an urban environment through performance and poetry, music and visual imagery. Tickets are \$10 general, \$7 Sushi members. For reservations or information, call 235-8466. Sushi is located at 852 Eighth Avenue, downtown.



■ Sushi will host "Il Grotto." an exhibition of paintings and sculpture by San Diegan Cindy Tower Jan. 6 through Feb. 4. "Il Grotto" is an exploration of the Lacanian notion of "difference." Tower recently received her MFA from UCSD. A reception will be held on Saturday, Jan. 21 from 7 to 9 p.m. Gallery hours are Fridays and Saturdays, 12-4 p.m. Sushi is located at 852 Eighth Avenue in downtown San Diego. For more information, call 235-8466.

AIM HIGH:

PUT YOUR COLLEGE DEGREE TO WORK.

Air Force Officer Training School is an excellent start to a challenging career as an Air Force Officer. We offer great starting pay, medical care, 30 days of vacation with pay each year and management opportunities. Contact an Air Force recruiter. Find out what Officer Training School can mean for you. Call

619-292-8862 COLLECT



The Athenaeum Music and Arts Library in La Jolla will feature an exhibition of works by Washington, D.C. artist Sally Ehrlich Jan. 6 through Feb. 11. The exhibit, "Domestic Tranquility," features a variety of busehold containers done in acrylic on canvas. The exhibit is open to the public during regular hours, Tuesday through Saturday from 10 a.m. to 5:30 p.m. The Athenaeum is located at 1008 Wall Street in La Jolla.



■ The La Jolla Museum of Contemporary Art will screen Bobby Roth's "Heartbreakers" on Wednesday, Jan. 11 at 7:30 p.m. in the Sherwood Auditorium. This film features avant-garde artist Peter Covote and businessman Nick Mancuso coming to terms with their relationships to women and to each other. Admission is \$2 for museum members, \$3 for nonmembers. LJMCA is located at 700 Prospect Street in La Jolla.



ARTS EDITOR SABRINA YOUMANS ASSOCIATE ARTS EDITOR

CYNTHIA CAMPBELL

MUSIC EDITOR LARRY WEINTRAUB SENIOR STAFF WRITER ISABELLE TIHANYI DESIGN CONSULTANT

MIKE MARTINEZ - STAFF WRITERS -

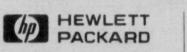
ARTHUR ASH JIM GARY PATTY JETTIE JOHN HEARNEY LAURA HNAPP JEFF LAMBETH PHIL MACGOVERN MIKE MARTINEZ LARA MIHATA NANCY MUNTHER SASCHA OGINZ DONOVAN P. ROCHE RICH ROHDES DEBBIE ADAUC

HIRTUS IS PUBLISHED EVERY THURSDAY OF THE ACADEMIC YEAR AS A SUPPLEMENT TO THE UCSO GUARDIAN. REPRODUCTION OR USE OF ANY PORTION OF THIS SECTION WITH-OUT WRITTEN PERMISSION IS PROHIBITED. WE WELCOME UNSOLICITED LETTERS, MANU-SCAIPIS AND AATWORK, BUT ASSUME NO RESPONSIBILITY FOR THEIR RETURN.

Number 1

University Bookstore

For state-of-the-art computers, calculators, software and more.



HP-14B Business Calculator Students: Make the most of your study time with this easy-to-use calculator.



HP-22S Scientific Calculator for Students Don't waste study time studying your calculator. Try a calculator that's easy to use.



HP-32S Scientific Calculator The perfect solution when you need a little more. All the functions you need plus the efficiency of RPN.



Calculators

Model EL-512 II powerful, programmable scientific calculator with 127 functions.

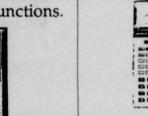


Model EL-506A Ten-digit scientific calculator with Memory Safe Guard.



CASIO

Programmable Graphic Calculator fx-8000G with 255 functions



(128 Characters) · Graphics display: 96 dots x 64 dots High utility variation of program steps and

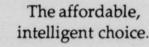
• Text display: 16

columns x 8 lines

- data memories Graphic functions File editor function (1,917 steps)
- Print function
- Data recorder functions (SAVE, LOAD, VERIFY)
- Perfect entry system •Instant replay function
- Regression analysis



Portable Electronic Intelliwriter only \$163.95 (Suggested retail \$199.95)





 Letter quality daisy wheel printing One touch auto word correction

- Auto underline
- Auto centering Auto indent
- Auto carriage return
- •65 character lift-off correction memory

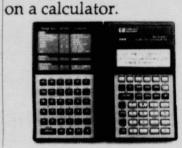


HP-42S RPN Scientific

Calculator Power to handle all your tough problems. And it's the best one available for matrix and vector math.



HP-28S Advanced Scientific Calculator Unparalleled in science and engineering. The broadest range of numeric and symbolic solutuions available



Personal Computers



IBM





TENITH data systems

Word Processing 101.

There is a grim reality of college life that you may or may not be acquainted with. Typing.

No, make that hours of typing. Precisely why you should consider a Macintosh™ computer.

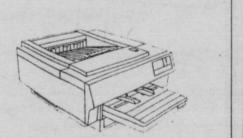
With programs like WriteNow and Microsoft Word, you can compose, edit, move paragraphs, and change type sizes and styles with one finger. Which can come in very handy. (Especially if that's the way

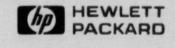
you type.) And that's just one example of how Macintosh helps students work smarter, quicker and more creatively.

The good news is, with Macintosh you don't have to know anything about computers to use one.

The better news is, you don't have to know anything about white out, either.

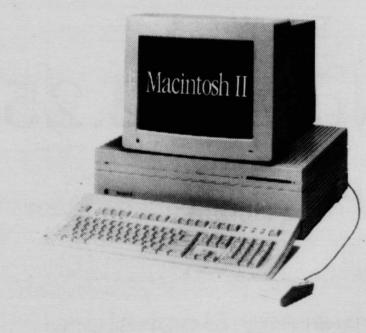
t. The power to be your best.







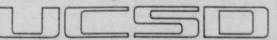




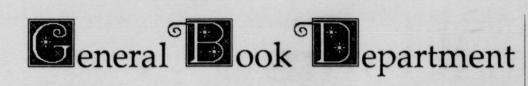
Computer Center

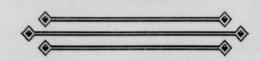
Monday-Friday 7:45 a.m.-5:15 p.m. Saturday 10 a.m.-4 p.m. Closed Sundays and Holidays

University Bookstore



University Bookstore





Your source for:

- •1989 wall calendars and date books-all 20% off
- •New York Times best sellers—always 35% below publishers' list price
- Literary classics
- All the best of old and new titles in drama, history, gender studies, music, poetry, art, political science, economics, study aids, and more
- Foreign language dictionaries and cassettes
 Gift books, humor, cookbooks, and children's books



Special orders and book information: 534-3149



Feel like you're out on a limb?

Come to the University Bookstore for help from

The Problem Solver Books

Math, Science and Engineering Study Guides

- •35 popular titles each over 1,000 pages of problems worked out in step-by-step detail.
- Designed to save students hours of time in finding solutions to problems.
- Includes every type of problem that might be assigned or given on exams.
- Problems are arranged in order of complexity, from elementary to advanced.
- ·An essential supplement to any class text.

Come in and see the full line of problem solvers!

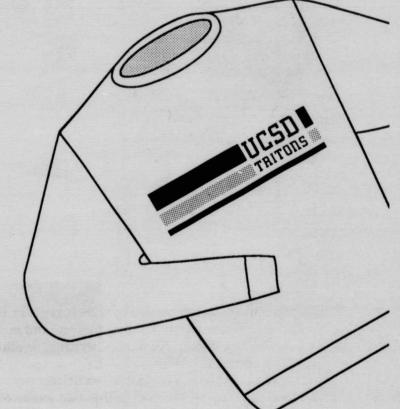
Medical and Technical Department. Phone: 534-3149

UCSD SWEATSHIRTS On Sale!



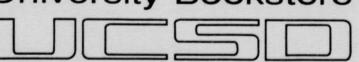
Now \$12.25

Gifts and clothing: 534-4248

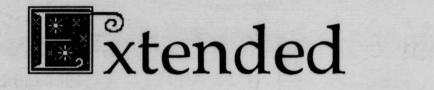


Store hours: Monday–Friday 7:45 a.m.–5:15 p.m. Saturday 10 a.m.–4 p.m. Closed Sundays and Holidays

University Bookstore



University Bookstore



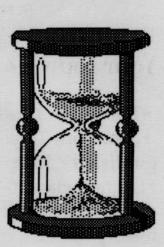




Tuesday, Wednesday, Thursday, January 3,4,5: 7:45 a.m.–9 p.m. Friday, January 6: 7:45 a.m.–6 p.m.

Saturday, January 7: 9:30 a.m.-4:30 p.m.

Monday and Tuesday, January 9 and 10: 7:45 a.m.-7 p.m.





Regular store hours will resume Wednesday, January 11 Monday–Friday 7:45 a.m.–5:15 p.m. Saturday 10 a.m.–4 p.m. Closed Sundays and Holidays. Information: 534-3770

Textbook Department

Buy your textbooks during our extended hours . . .

January 3,4,5: January 6

7:45 a.m. - 9 p.m. 7:45 a.m. - 6 p.m.

January 7 9:30 a.m. - 4:30 p.m. January 9,10 7:45 a.m. - 7 p.m.

and sell last quarter's books at our opening buyback!

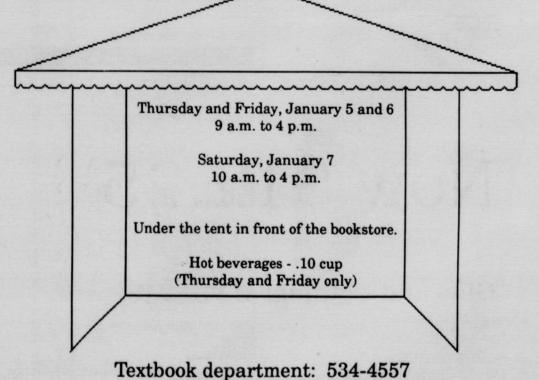
Refund information

IMPORTANT
DO NOT MARK YOUR BOOKS
until you are sure you will keep them.
SAVE YOUR CASH REGISTER RECEIPT.

REFUND POLICY:

- Refunds must be accompanied by a cash register receipt.
 New books must be clean, binding perfect, and in mint (absolutely new) condition. No names, writing, or other marks will be accepted.
- 3. Used books must be in resaleable condition.
- 4. Merchandise is to be returned within two weeks of purchase date, or within the first week weeks of the start of the current quarter.
- 5. A cash refund will not be granted on purchases paid for with a check until two weeks after the date of the transaction.

University Bookstore

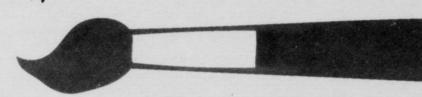


Store hours: Monday-Friday 7:45 a.m.-5:15 p.m.
Saturday 10 a.m.-4 p.m.
Closed Sundays and Holidays

University Bookstore

ART SUPPLIES

Special Sal Studen P scount Two for In Special ¢ Sale This week only



15%-35% off... every day

Get a Head Start on your resume



Southworth 24 lb. Parchment Deed-100% Cotton Fiber White or Ivory



Eaton 28 lb. Impressions™

·laid finish acid free •chalk white

·oyster grey •rose ash

•slate blue



Eaton 24 lb. Private Stock® •25% cotton fibre

•natural ·laid bond finish •grey ·acid free

•white



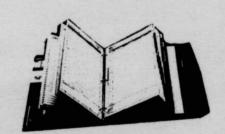
1989 Wall Calendars

Southworth

Note-A-Date

1989 Appointment Books Shaeffer Eaton At-A-Glance Southworth Note-A-Date Design House Quo Vadis Ryam Letts of London

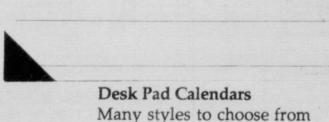
Sunday Monday Tuesday Wednesday Thursday Friday Saturday



DAYRUNNER The Organizer

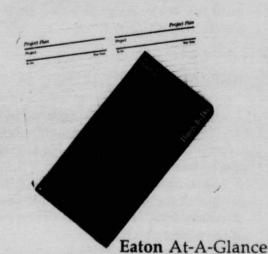


Erasable Planners Southworth A variety of formats to choose from



Month of_

Supplies Department 534-3786



Slimline Time Management Planners

Store Hours: Monday-Friday 7:45 a.m.-5:15 p.m. Saturday 10 a.m.-4 p.m. Closed Sundays and Holidays

Opening

Continued from page 1

Rock founder Peter Morton. After a few speaches and pats on the back, the Cats hit the stage with a vengeance. They ripped through the best of their own material as well as a few well-picked rockabilly chestnuts like "I Fought the Law" and "C'mon Everybody." This drove the crowd to a rockabilly frenzy that even had San Diego Mayor Maureen O'Connor on her feet and dancing.

The crowd responded best to the familiar hits from the Stray Cats' first two albums, by singing along with such favorites as "Runaway Boys," "Rock This Town," and carrying the chorus on the classic "Stray Cat Strut." However, the newer cuts from their forthcoming LP seemed to fall short of the classic status of some of the earlier Cat canon.

At their best, the Cats rekindle the spirit of the Sun Records rebels, performing songs that could have been written 30 years ago by Carl Perkins or Jerry Lee Lewis.

And for this event, the choice of the Stray Cats as the band to open the latest addition to the Hard Rock chain could not have been better. While on stage the band kept this crowd of \$100-apop patrons working for their supper. By bringing on veteran rocker Dave Edmunds for a series of encores, they left the crowd alternately gasping for air and screaming for more.

On this night the Hard Rock Cafe proved to San Diego that they know how to throw a party. Now if they could only design a decent T-shirt...



THE TIMES THEY ARE A-CHANGIN'

The company bio for the Hard Rock Cafes spells out in no uncertain terms that the Cafes are renowned for their unique environments that "reflect the fun and innocence of an American roadside diner in the late 1950's.



Even the music played in the clubs is subject to Morton's personal guidelines.

That rock 'n' roll can now be outlined in corporate policy reflects how far it has evolved. In the late 1950s, the era the HRCs so faithfully evoke, no company larger than Joe's Motorcycle Repair wanted anything to do with

Back then rock 'n' roll music was considered dangerous. The paranoia of that time is now popular legend. Elvis' pelvis banned from TV. The belief that "race records" made teenagers horny and criminal, resulting in reefer smoking and sex orgies. The terms 'iuvenile delinquent" and "rock 'n' roll" were synonymous.

By the early '60s, the paranoia died out and rock genuinely came And what better place for a to represent fun and energy, with tourist franchise than San Diego? the offerings of Frankie and

Fabian evoking a sweet kind of puppy love.

With the paranoia days in retrospect, a rock 'n' roll attitude began to take form. It was an antiestablishment, rugged individual gig, embodied by James Dean, early Elvis (as opposed to the vacant fop appearing in flicks), Jack Kerouac and other sullen

In short, anything your parents didn't understand or approve of.

By the late '60s and early '70s, rock 'n' roll described an outlaw lifestyle of excess, epitomized by the likes of Keith Richards, Iimi Hendrix, Keith Moon and John



In time, a sense of responsibility and compassion, even a little temperance, became part of what

With Live Aid, the working class values of Bruce Springsteen, and the political conscience of U2, rock 'n' roll grew up. Many older stars like Tina Turner and Roy Orbison enjoyed a resur-

Keith Richards is happily married with two daughters.

See CAFE, page 8

's Company & Dancers



niversary 5 Season 1989 Gala Concert

January 5th - 8th, 1989, 8:00 pm Mandell Weiss Theatre, UCSD



New Choreography by: Jean Isaacs Nancy McCaleb Betzi Roe

for more information please call:

296-9523

Tickets: \$14.00 General Admission

\$ 8.00 Students, Seniors

Arts Tix Booth • All Teleseat Outlets Charge it! 283-SEAT

These performances are funded, in part, by the City of San Diego, the California Arts Council, and the National Endowment for the Arts/City/Combo Locals Program.

RUMPLESTILTSKIN & KALULU and his MONEY FARM

under the endless African sky...

"..the finest children's theater in the country... the finest in the world!" Los Angeles Times

You've seen their brilliant productions on the Disney Channel and read about them in the Smithsonian magazine. now be dazzled by two enchanting tales told, sung and danced by the incomparable

Minneapolis, Minnesota



JANUARY 13, FRIDAY, 8:00 P.M.

MANDEVILLE AUDITORIUM

G.A. \$10.00, Stu. \$6.00, Sr.Cit. \$8.00

Group discounts available call UCSD Box Office at 534-6467

TICKET LASTER RECORDS, PERKINS BOOK WORM & ARTS THE

Presented by UCSD University Events & Student Activities with support from the Western States Arts Foundation.

CAFE

Continued from page 7

PINK CADILLAC

"Save The Planet"

- Motto carved above the bar in the Hard Rock Cafe

I guess that's as good a rock 'n' roll motto for the '90s as any. I skipped the press pass that would have gained entry for opening night. In my book, rock 'n' roll isn't about opening night, with mayors, ex-mayors and other rich shakers shutting out the common folks.

Rock 'n' roll is more like Thursday, half past midnight, with nowhere to be and nowhere to go.

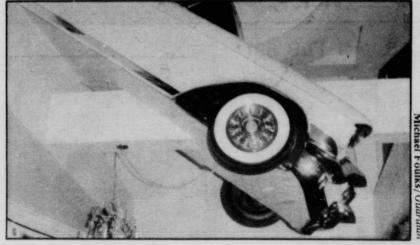
I walked in and was nearly impaled by a monstrous pink Cadillac that crashed through the ceiling. I calmly snorted a Bud Light with the pink creature lodged just inches from my head.

That's when I looked over and spotted some of the highly touted rock memorabilia. It's everywhere you turn.

Gold records from Motley Crue. A sketch of Peter Townshend by his pal John Entwistle. They also took Pete's guitar and converted it into a large bar. There were more guitars — Carl Wilson's and Billy Idol's among others.

If it's drums you like, there were ones autographed by Phil Collins and the Doors. How about rockin' duds? You could find Ringo's suit, a T-shirt signed by Jagger, or the shirt Jimi wore at the Isle of

UCSD Box Office: 534-4559



Wight.

And even some clothing from ... Sid Vicious. Phew! I hope they took it to the dry cleaners first.

I must admit the place had a kooky sense of atmosphere. The clientele were a mixed bag of tourists, stockbrokers and secretaries who strolled across the street from Drexel Burnham Lambert, and scene-makers trying their act out in the trendiest new spot.

I approached a group of ladies for some social intercourse, and several of them apparently thought I was just another moon-faced swinger cruising for phone numbers — and not a serious journalist.

One finally gushed that San Diego "needed to grown up and shed its image as a retirement town."

No doubt about it, this was a woman from a bigger city, whose ideas about ours were formed years ago from inaccurate news coverage — the type of short blurbs that depict us as either a suburb of L.A. or as a bus load of sailors loking for sin and a tattoo after a perfunctory tour of the 700.

Well lady, the two surf bums I spoke to later don't think you're what rock 'n' roll is about. They'd just as soon keep out the trendy riffraff and "rowdyize" the place a bit, making it more like the Pennant.

They loathe the types for whom the most important reason for the existence of the Hard Rock Cafe is having a place to buy the shirts.

LET IT ROCK

Rock 'n' roll in 1989 is for everyone—stockbrokers, surf bums, working women and rich kids in matching club windbreakers. In time the Hard Rock Cafe should represent more than a trendy touriet step.

It has always been Morton's intention for the HRCs to donate food, services and money to charities and non-profit organizations. Opening night in San Diego was for the benefit of the Child Abuse Foundation, and it surely is part of the corporate game plan for the HRC to become synonymous with community fundraising and many other big events.

It's only rock 'n' roll — and this town's ready.

Photo Odyssey

by debbie young hiatus contributor

For the first time since its debut in 1888, National Geographic has put together some of its finest photos for artistic display. The photographs, chosen from more than 700,000, were taken by National Geographic staff during the magazine's first century. They span an enormous conceptual arena, transcending both time and cultural distinction. The exhibit, "Odyssey: The Art of Photography at National Geographic," is being shown now through Jan. 15 at the Museum for Photographic Arts in Balboa Park.

Combat photos, from Vietnam to Nicaragua, as well as a photo of a South African knifing victim, face an image of a young Tuareg girl, which could have been shot for the cover of Glamour.

There are old, black and white photos, from the magazine's early days, like the one taken in 1909 of John Muir and John Burroughs together in Yosemite Park - two grey-bearded men perched atop the rocks looking serene.

Some photographs offer explanations or little anecdotal blurbs: A card beside an underwater photo of a hippopotamus explains that the animal subsequently attacked and bit a hole through the photographer's leg.

Next to a photograph of a 2,000 year-old tanned hand in a bog reads that when finger-printed by the police, it made as clear an impression as that of a live person.

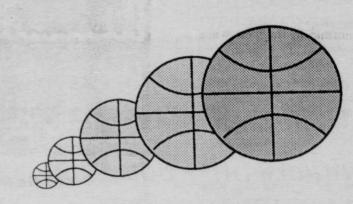
Sometimes there is no accompanying explanation: An image of boats floating in a stained pool of red is simply entitled "The Aftermath of a Whale Hunt."

The exhibit was organized by the Corcoran Gallery of Art in Washington in association with *National Geographic* editors. It took five people two years to go through all the photographs accumulated during the magazine's 100 years in publication. Each day they looked at nearly 4,000 slides to decide upon which photos to include in the show. About 65 percent of the photographs in the exhibit have never been published before.

Identical sets of the National Geographic photos are on threeyear tours — one in the United States, the other abroad. The exhibit's only West Coast stop is San Diego. Some museum directors in other cities are reluctant to accept photography as an art, especially photos shot for a magazine.

This show embodies the old cliché, a picture is worth 1,000 words. The only way to completely appreciate it is to go and see it yourself.

TANFORD STRING QUARTET HUBERT January 14, Saturday, 8:00 p.m. Mandeville Auditorium G.A. \$11.00, Students \$7.00 UCSD Fac/Staff & Sr. Cit. \$9.00 PERSENTATION OF THE PROPERTY OF THE PROP



UCSD Men's Basketball

VS.

Gordon College

(coached by former UCSD coach John Block)

THIS FRIDAY, JAN. 6 8:00PM ● MAIN GYMNASIUM



Followed by
Live Band – Dance
REC GYM

ICRHA invites you to join them in welcoming Fifth College!

Sponsored by
Intercollegiate Athletics & Inter-College Residence Hall Association

8

9