The UCSD Guardian

UNIVERSITY OF CALIFORNIA, SAN DIEGO

MONDAY, JANUARY 25, 1988

VOLUME 59, #27



UC Irvine's PET Scanner is one of only about 16 such machines in the United States.

New brain scan machine aids in study of sleep

By JON NALICK **UCI New University** Special to the Guardian

For part-time work, Chris LePenske could have done worse. In fact, for two nights, he had a job most would consider a dream come true. He got paid to

LePenske was part of a unique experiment performed at UCI's College of Medicine which revealed for the first time which parts of the brain are directly involved in dreaming.

The study, which began last June, involved researchers from UCI and UC San Diego and over 20 volunteer subjects.

For the volunteers, though, the job was a bit more stressful than a typical night's sleep. Each slept with an intravenous tube in his head to a polygraph machine, and was injected with radioactively-tagged glucose.

It was pretty routine, LePenske said, "other than sleeping with needles in your arm.'

"The worst part is knowing when you lay down, [the researchers] are counting on you to go to sleep," senior Russ Shiman said. "[But] the people around here are great. They've got a sense of humor and go out of their way to be friendly.

The research team, lead by Monte Buchsbaum, professor of psychiatry and human behavior, has good reason to be in high spirits.

"For the first time in history

we'll be able to see what part of the brain is involved with dreaming, emotion, aggression, and sexuality," professor of psychia-try Joseph Wu said.

"It's an uncharted area," research assistant Erin Hazlett said. "No one knows what the metabolism of the brain is like during sleep.'

The team also includes UC San Diego professor of psychiatry Chris Gillin, who is an expert in dream study. The scientists decided that cooperation between UCI and UCSD would best suit

UCI's expertise lies in brain scanning technology, Gillin said, while UCSD is proficient in the study of sleep and dreaming.

"[The study] provides a bridge between psychoanalysts and biologists - for the first time, they can meet on common ground, and [find] where our dreams come from," Wu said.

What makes this new research possible is a \$1 million PET (positron emission tomography) scanner, purchased by UCI three years ago. There are only around 16 scanners in the United States.

Hazlett said the scanner allows researchers to view which parts of the brain are active during various activities. The important distinction between the PET scanner and more conventional CAT (computer axial tomography) scans is that the PET scanner describes brain function.

Using other technologies, researchers searching for the cause

See PET SCAN, page 6

Transit system changes routes

By ROBERT LEONE

According to Greg Snee of the Alternative Transportation Office, some San Diego Transit bus routes through and near the UCSD campus will be changing on Feb. 7.

The changes, which were approved by the Metropolitan Transportation Development Board, include fewer bus routes serving Scripps Memorial Hospital and an offshoot of route 34 called 34A which will stop at the La Jolla Colony shopping center on Arriba Street, where the Vons supermarket is

The Transportation Alternative Office hopes to have revised campus bus route maps available by the first week of February. Snee also hopes to have new bus schedules available as soon as possible. UCSD's own bus service to UCLA, the UCSD Medial Center, and the on-campus shuttle but service will not be affected, nor will North County Transit Route 301

The Alternative Transportation Office is located at Quonset 22 in the Camp Matthews area, or call 534-4235 for more

A.S. meeting

Remark causes anger

By ELAINE SMOLER Staff Writer

An A.S. council member gave an explanation at the meeting last Wednesday night to nine women from the People's Voice regarding a controversial comment he made before the meet-

Denise Whisenhunt, a staff writer of the People's Voice (a newspaper for UCSD's African American Community), arrived before the meeting to ask when it would start so the People's Voice staff could attend the meeting. As she left the room she over-

See REMARK, page 3

Simulates immune system

Computer model may help reduce use of lab animals

By LINDA GLAVE Staff Writer

Though the San Diego Board of Supervisors voted to continue UCSD's contract with the pound for animal research, one man has found what he feels is a viable alternative to the use of animals in scientific research. Hans Sieburg, a researcher at Salk Institute, believes that animal subjects are not a very cost efficient, time efficient, or humane method of "scientific" research, and has investigated the subject.

"My goal, and I think I'm pretty alone on this, is to save animal lives, and to cut down on the suffering. Another benefit is that you save a lot of money and time," Sieburg explained.

Working in conjunction with his wife, Christa, a cellular immunologist at Eli Lilly Research Laboratories in La Jolla, and Dave Pauza, a molecular biologist at Salk Institute, Sieburg has developed a unique method of experimentation. Through a mathematical model and computer simulation, Sieburg has reversed the experimentation process that has been a mainstay of scientific research since it first

Currently, research with lab

animals involves testing a hypothesis in a variety of different ways, all of them involving the animals. Only after the hypothesis has been proven by these somewhat time-consuming and tedious methods is a mathematical model developed and tested.

"What I have done is to invent the tool that would allow the

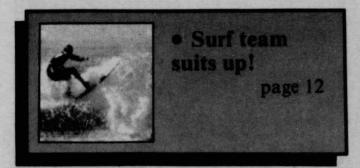
modeler and the experimenter together to evaluate hypotheses, and, if the hypothesis is good, to come up with a prediction [of the conclusion of the experiment] before the experiment has actually been done," Sieburg said.

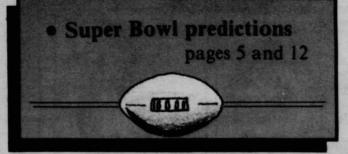
Sieburg used the immune system as the model for his com-See COMPUTER, page 7



Robert Leone/Guardian

Dr. Hans Sieburg believes his computer simulation will help in the search for a cure for AIDS.





• Toss your typewriter... Check out UC's UNIX system page 8 **NEWS**

Events slated for **Black History Month**

Appearances by Eartha Kitt, electric presence of stage and screen; UZULU, the Dance Theatre of South Africa; author Amiri Baraka (LeRoi Jones), The Tandy Beal Dance Company, and journalists/lecturers Lerone Bennett and Jerome Scott are some of the events planned to commemorate Black History Month at UCSD.

Tandy Beal Dance Company, with jazz vocalist Bobby McFerrin, will perform at 8 pm, Friday, Jan. 29, in the Mandeville Center Auditorium. Tickets are available from the UCSD Box Office (435-4559) and from Ticketmaster outlets.

Journalist Lerone Bennett, the senior editor of Ebony magazine and former editor of Jet, will give a free lecture at 3 pm, Saturday, Feb. 6, in Third College Lecture Hall, Room 107. He is a renowned author, poet, biographer, social historian and world traveler whose works have been translated into five languages.

From Feb. 8-12 there will be a potpourri of black history topics discussed from 12-1 pm at the Student Center North Conference Room, except for Thursday, Feb. 11 when the hours will be 1:30-3 pm. On Monday, the program will be a tribute to author James Baldwin. Other programs will include readings, videos and discussion

On Tuesday, Feb. 9, journalist Jerome Scott, who is an observer, writer, reporter on American Black political issues, will give a free lecture at UCSD, location and time remain to

Noted author and poet Amiri Baraka (LeRoi Jones) will give a free lecture on Thursday, Feb. 11 at 4:30 pm in the Center for Music Experiment, Building 407 Matthews Administrative and Academic Complex (formerly Warren Campus). A well-known Marxist-Leninist, Baraka withdrew from mainstream

American literature in the late 1960s to return to his Newark, New Jersey neighborhood as an activist for the American black community. Among his many books are, "Blues People," "Dutchman and the Slave," and "An Anthology of Afro-American

Writing. Eartha Kitt will appear in a musical program dedicated to black music and the civil rights movement, at 8 pm Saturday, Feb. 13, in the Mandeville Center Auditorium. Tickets are on sale at the UCSD Box Office and from Ticketmaster outlets; general admission \$12, seniors \$10 and students \$8.

Donald Woods, journalist and friend of the late South African activist Stephen Biko (subject of the movie "Cry Freedom") will give a free lecture on Friday, Feb. 19 at 8 pm in the Mandell Weiss Center for the Performing Arts.

David Bradley, author and educator, will give a free lecture on The Non-Existence of Black History," at 4 pm, Monday Feb. 22, in the Center for Music Experiment, 408

MAAC (Warren Campus). Physicist Shirley A. Jackson, the first black woman to earn a Ph.D. from the Massachusetts Institute of Technology (MIT), and the first black woman in the United States to earn a doctorate degree in physics, will give a free lecture at 4 pm, Wednesday Feb. 24 in Room 111A Administrative Complex. Dr. Jackson is currently a member of the technical staff at AT&T Bell Laboratories, New Jersey.

Lastly, UZULU, the Dance Theatre of South Africa, will perform at 8 pm, Friday Feb. 26 in the Mandeville Center Auditorium. This highly energetic dance group has captivated audiences world wide. Tickets are general admission \$12, seniors \$10 and students \$8, and may be purchased at the UCSD Box Office or from Ticketmaster outlets.

For additional program information call the UCSD information line at 534-UCSD.

MERIT awards given to UCSD scientists

Two UCSD scientists were recently selected by the National Institutes of Health (NIH) to receive a MERIT (Method to Extend Research Time) Award, a prestigious award "given to provide a few outstanding investigators with long-term, stable support in order to foster continued scientific activity."

Richard W. Dutton, Ph.D., professor and chairman of the department of biology, has received a five-year award. His study, "Cellular Mechanisms in the Immune Response," was funded by the National Institute of Allergy and Infectious Diseases.

Gordon Gill, M.D., professor of medicine and chief of the division of endocrinology and metabolism, was given his MERIT award by the National Institute of Diabetes and Digestive and Kidney Diseases. His study, "Hormonal Regulation of Control Mechanisms," was approved for a five-year period.

These two most recent awards bring the total to 10 UCSD faculty members who are now MERIT recipients. Other UCSD MERIT winners

include: Elizabeth Barrett-Connor. M.D., professor and chair of community and family medicine; Colin Bloor, M.D., professor of pathology; Robert Boynton, Ph.D., professor of psychology; Russell Doolittle, Ph.D., professor of chemistry and medicine: George Feher, Ph.D., professor of physics; Paul Price, Ph.D., professor of biology; Samuel Rapaport, M.D., professor of medicine; and John Ward, Ph.D. professor of radiology.

Dutton and Gill have been members of the UCSD faculty since 1968.

Regents lecturer to deliver two free speeches

Tom Wicker, a nationally syndicated columnist with The New York Times, will deliver two free public lectures at UCSD, Jan. 26 and 28, as part of his week-long campus visit as a Regents Lecturer for the department of history.

Wicker, who has served as a chief of The Times', Washington Bureau, is the

author of eight novels and four nonfiction books, among them Kennedy Without Tears, and JKF & LBJ: The Influence of Personality Upon

Wicker's lectures will deal with the topic "The State of American Politics on the Eve of the Primary Elections" and will be held at 8 pm in UCSD's Peterson Hall. For further information, call UCSD Extension at 534-3400.

School of Medicine receives grant

The UCSD School of Medicine has received a \$35,000 grant from Research to Prevent Blindness (RPB) to advance research into the causes, treatment and prevention of eye diseases. The award was accepted by Dr. Stuart I. Brown, chairman of the UCSD department of ophthalmology.

RPB provides annual grants to 57 medical schools throughout the nation and is the world's leading voluntary organization in support of eye research. Over the past four years, it has made grants and awards to the UCSD School of Medicine totaling \$110,000.

Soviet film to be screened

"Turnover," a Soviet film screening will be presented by Lana Gogoberidze, Film Director and President of the International Association of Women Filmmakers and Maya Turovskaya, Film and Theatre Critic and Professor of Arts will be shown on Monday, Jan. 25 at 7 pm in the Mandeville Auditorium. This film is sponsored by UCSD's Communication, Literature and Sociology Departments.

Simon Wiesenthal lecture cancelled

Due to unforeseen circumstances, Simon Wiesenthal the Holocaust's "avenging angel" will not appear on Wednesday, Jan. 27 to lecture at UCSD on his life's effort of hunting Nazi war criminals. Refunds will be handled at place of purchase.

-compiled by Eva Wong

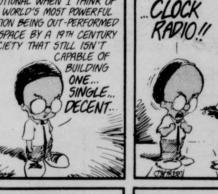
BLOOM COUNTY



GOAL FOR 1990:

BUT I'M AFRAID I GET EMOTIONAL WHEN I THINK OF THE WORLD'S MOST POWERFUL NATION BEING OUT-PERFORMED IN SPACE BY A 19TH CENTURY

RESEARCH BASE ON-TO THE POLAR ICECAP







by Berke Breathed













Lights & Sirens

Selected entries from the UCSD police activity log book for the week January 15 to January 21

8:00 pm: Unknown suspects vandalized a vending kiosk a he Muir tennis courts and stole an undetermined amount o

Monday, January 18
12:20 pm: Two telephones were stolen from an unoccupie
ffice at Torrey Pines Center. Loss: \$450.

uesday, January 19 12:25 am: An intoxicated male non-student was arrested or e roof of the BioMed Library. He was taken to county jai

Vednesday, January 20
9:05 am: Various tools valued at \$960 were stolen from a puilding in Warren. A window was pushed open to gain entry
11:40 am: A student's vehicle was vandalized in lot #207 is
Muir. The unknown suspect(s) caused \$300 worth of damage the car by throwing rocks at it.

wo cases of vehicle theft and one case of attempted vehicle

ix cases of vehicle burglary were reported resulting in a \$1,165 ombined property loss. Three cases of attempted vehicle urglary were also reported.

en parking permits were reported either lost or stolen.

ne bicycle valued at \$240 was stolen.

our cases of miscellaneous theft were reported including two irses, an answering machine, and a knapsack. Total loss:

Remark: Racism by councilmember alleged

Continued from page 1

heard Dave Manheim, A.S. vice president administrative, say that he hoped the African American Student Union (AASU) wouldn't attend the meeting.

"It was in a negative tone ... We weren't there for the African in part, he says, because the Student Union ... I was upset ... it was depressing," explained Whisenhunt. She felt it was an act of "blatant racism."

"I was doing their legislation for them [the AASU]. If I was racist I wouldn't have submitted

UCDavis student selected as Regent

Deborah Ruth Thorpe, a junior at UC Davis, will be recommended for appointment as the University of California student Regent for 1988-89. The full Board of Regents will act on the appointment at its Feb. 18 meeting at UC San Francisco.

Thorpe was among 68 applicants representing the University's nine campuses. She succeeds Jacquelyn Ross, also from Davis, as the student Regent and is the third student in four years from the Davis campus to hold the

The University of California Student Association nominated three finalists to be interviewed by a Regents' committee. The other two finalists were Erik Basil from UC San Diego, and Sumi Cho from UC Berkeley.

Thorpe, a chemistry major, served as a high school science and mathematics teacher for four months in Trinidad, West Indies, before entering UC. At Davis she has served as a resident advisor helping new students adjust to university life, and as an academic peer advisor helping with course scheduling and academic requirements.

In a statement submitted to the selection committee, Thorpe listed the three most important issues facing California higher education today as increasing the enrollment of minorities and women, improving relations between community colleges and four-year universities, and maintaining a high standard in education and research.

Upon confirmation by the Board, Thorpe will serve as Regent Designate, sitting on the board a non-voting member, until July 1, 1988 when her term as student Regent begins. Her terms expires on June 30

ATTENTION! **NEWS WRITERS** MEETING ON TUESDAY. JAN. 26 **5** PM ATTHE GUARDIAN on their behalf," Manheim said. Next Wednesday the council will vote on allocating \$3,000 for two speakers for Black History Month, and Manheim had sub-

mitted this legislation to council. Manheim made his comment AASU didn't need to come last week to the meeting to show

quest. They would need to come admitted. this week.

"I've always encouraged people to come to A.S. meetings ... wrong," Manheim said later.

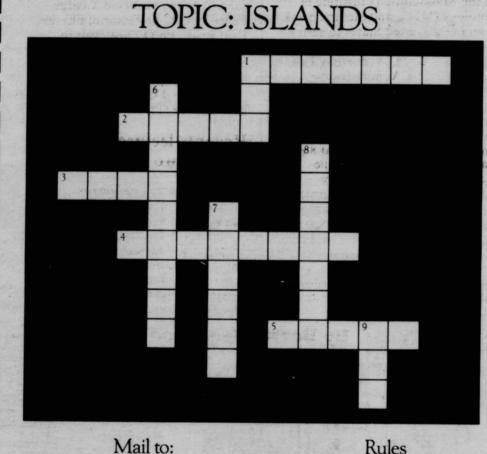
there from the People's Voice. than just one.

support for the allocation re- That was my fault," Manheim "It's [the conference] too big

In other council news, the council voted to allocate \$1,794 to send two council members to that's where I found I was the NACA Conference in Washington, after a lengthy dis-"I had falsely assumed that she cussion regarding why UCSD was from the AASU. They were needs two people to go rather

for one person to go to," said Evan Weisenfeld, chair of the University Center Board. Other council members expressed concern over the need for the entire council to benefit from the conference when so much money is spent sending representatives





Kahlúa Dept. A1, P.O. Box 230 Los Angeles, CA 90078-0230 Rules

1. Puzzles must be completed, but crossword answers do not have to be correct in order for entries to qualify. 2. Entrants may submit as many completed

puzzles as they wish.

3. No photocopies permitted. Entry must be on this ad as originally printed in this

4. Entries must be postmarked no later than May 15, 1988. 5. An independent judge whose selection is

final will determine winner by witnessed random drawing on May 22, 1988. 6. Winner will be notified by telephone and 7. Trips must be taken within 18 months of

date of notification; certain restrictions apply. Prizes are not transferable and taxes are the sole responsibility of the winner. 8. Employees or families of Kahlua (Maidstone Wine & Spirits Inc.), their advertising and promotion agencies and all retail and wholesale licensees are ineligible.



©1988 Kahlua* 53 Proof. Maidstone Wine & Spirits Inc., Los Angeles, CA

Just imagine...sun-drenched days...moonlit tropical nights... sailing barefoot in paradise. And all because you sent in Kahlúa's Krossword!

If you complete the puzzle on this page and mail it in, you could win one of the most popular cruises in the Bahamas.

Kahlua and Windjammer Barefoot Cruises will present the lucky winner of our drawing with a fun-filled six-day cruise vacation for two, including airfare.

So give this puzzle your best shot, and be sure to look for other crosswords in this series in the coming months. There will be ten in all.

Each puzzle you enter gives you another chance to win.

ACROSS

1. Greek playplace 2. Island country

3. Captain

4. Near L.A

5. Off Italy DOWN 1. No __ _ is an island

6. Defended by Britain

7. Island named after religious holiday 8. Raided by Reagan

9. Brewed in Puerto Rico





Monday, January 25, 1988 5

The UCSD Guardian



THE PREMIERE OF THE NEWLY DESIGNED TRAVELLING PET BOX

Emergency care

AIDS association: will it kill us?

By CAROL LOBO

It seems one lucrative business these days would be manufacturing rubber gloves. With the increasing fear of AIDS no one wants to take the risk of catching this everspreading disease. Precautions are being taken by using rubber gloves in situations where they haven't been used before. I notice dentists are now using rubber gloves — which is a good idea considering what type of work they are doing. Many firemen are using gloves as well when dealing with injury victims, especially in cases of heavy bleeding.

Unfortunately another type of problem exists. Many people are so fear stricken with the thought of catching AIDS that they often refuse to have contact with strangers on any account. This includes police and firemen in crisis situations.

In an article in the Village Voice, it was noted that an actor died on the streets of New York while having a seizure because when police arrived they refused to help. They told the man's friend to be patient and wait for the paramedics to arrive. Since the two men were together in a "gay part of town" the police assumed that they were gay and therefore had AIDS. They didn't want to risk catching the disease so they refused to help at all, claiming they are not prepared to handle those types of

I find this hard to believe considering the kind of training licemen go through. I can understand how people can be afraid; this is a natural response. However, I do not find this a legitimate excuse for such irresponsible behavior. Lives are being sacrificed in the hope of avoiding the disease. It's not as if discretion can not be taken to avoid being infected with the virus while being able to help victims at the same time. By using gloves and masks while on duty, firemen and policemen would not have to be as worried and could fulfill their assignments with little hesitation. People should consider this option before deciding to deny assistance as a result of fear.

LETTERSLETTERSLETTERSLETTERSLETTERSLETTERSLETTE

over the last year, more black

found that two-thirds of black

coal miners in South Africa do

not want sanctions because they

fear sanctions will cost them

their jobs. The fact is, sanctions

have already cost many South

Africans not only their jobs, but

the opportunity for advance-

ment in a society that is moving

slowly but surely toward de-

segregation and full democra-

Students to tell all

about themselves

King Day Parade a success for UCSD

Third College students, staff,

and faculty would like to thank all of the very enthusiastic students from Revelle, Muir and Warren who joined us on our "float" in the Martin Luther King Day Parade in downtown San Diego, Saturday, Jan. 16. The float and its entourage were a rousing representation of UCSD and I am very proud of everyone who was involved. This was the first year Third College participated in the Martin Luther King Day Parade and I believe we have established some very large footprints for others

For those of you who haven't heard, the parade judges awarded us a beautiful third place trophy! Thank you again, all of

South African sanctions

detrimental to job market

It has recently been reported

that some members of Congress

will be introducing more pu-

nitive sanctions against the

further reforms. Strong op-

ponents of apartheid have ar-

gued, however, that sanctions

and disinvestment might have an

adverse effect on the livelihood

of black South Africans. Recent

opinion polls of South Africans

confirm these suspicions.

Faustina Solis Third College Provost

As founder of We The People, a new student publication, I would like to take this opportunity to respond to Margot Waltz's feisty letter (Guardian, Dec. 19).

Congratulations to yet another astute reader who recognizes that something seems to be missing from the student regime in South Africa to induce publications of UCSD: the stuthe government to institute dent. Like Ms. Waltz, I, too, would like to read about the diverse and noteworthy (though not necessarily well-known) stu- EDNA. dents and student organizations of our unique campus. Students wrote so well: "Everyone is inaren't getting equal coverage teresting." from the publications they

South African Institute of Race needs to focus more on the Relations reported last month students themselves, is it really that in 12 of 14 polls conducted realistic, or even fair to expect the UCSD Guardian to cover South Africans were opposed to them all (along with news, feasanctions than in favor of them. tures, sports, shorts, etc.)? No, In eight of these polls, opponents what we need is a publication of of sanctions outnumbered sup- our own; one that will specialize porters by a two-to-one margin. in the UCSD student; one that Likewise, a survey by will represent the diversity of the Germany's African Foundation student population, because that's what it's all about; one that's all about "we the people"

As a matter of fact... Margot Waltz' letter is extremely timely, because, at this moment, students are coming together to create one such publication. We The People is a brand new quarterly publication formed not only by the students and for the students, but about the Barry Jantz students as well. And unlike other alternative media of UCSD, We The People focuses on people of all different races, religions, political views, sexual gender, sexual preference, etc. (plus no caffeine) What more could a "nosey" reader like Ms.

Waltz (and myself) want? We're just in our beginning stages, and welcome the input and ideas of the students we seek to represent. People who like to write, design, or just meet people, or who know of interesting students or events to profile, are encouraged to contact us at UCSD L-5, La Jolla, 92093 or through A.S. and

Because, as Margot Waltz

Devra Beth Polack We The People

The UCSD Guardian

NIKI NEWLANDS, Editor in Chief

TODD RAPPARPORT, Managing Editor PETER MESSROBIAN, News Editor

KRISTEN MCCLEARY, Features Editor JONATHAN SCHRETER, Sports Editor SUSIE BEEL, Arts Editor EVA WONG. Arts Editor BRYAN BILYEU, Photo Editor SEAN DUFFY, Graphics Editor JOHN SHAW, Training Director KATHRYN SHOMETTE ALLEN, Copy Editor KATHLEEN DONAHUE, Assistant Photo Editor STACY LONGSTREET. Assistant Photo Editor

MICHAEL FOULKS, Advertising Manager SHENDL DIAMOND, Office Manager MIKE MARTINEZ, Advertising Designer

Senior Staff Writers: Karen Kumm, Robert Leone, Larry Wein-

Staff Writers: Kurt Bell, Michele Bidwell, Ken Calhoun, Eric Chazankin, Mike Foley, Kathy Garland, Katy Garvey, James Gilmore, Linda Glave, Phil Gruen, Van Hutchinson, Brian Itow, Rebecca Jaurigue, Miles Kan, John Kearney, Adam Levy, Leesa Light, Nigel Lindemann, Philip MacGovern, Nancy Muntner, James Pin-pin, Lisa Quintana, Elaine Smoler, Maureen Spurr, Isabelle Tiha-

Photographers: Molly Alexander, Dawn Mamikunian, Mario Munoz, Mike Oitzman, Ken Reinstein, Tai Risko, Ali Sadighian, Cathlin Severance, Michael Spaulding, Florida Tiqui, Lesley

Illustrators: Rick Ford, Osmond Holmes-Hansen, Brian Hsu, Ger-

ardo Stecca, Jeff Quan Typesetters: Tish Grammar, Lara Mihata, Catherine Seidel Copy Readers: Julia Black, Christin Lopp Production Crew: Sarah Banet, Cynthia Campbell, Sean Duffy, Leesa Light, Kevin Muller, Jennifer Phillips, Todd Rapparport,

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 \$1987, all rights reserved. The Guardian is not responsible for unsolicited

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. *The Guardian*'s editorials are determined by the Editor in Chief, Managing Editor, News Editor and the

The UCSD Guardian, B-016, La Jolla, CA 92093 Editorial: (619) 534-6580 Business: (619) 534-3466

HAIRCUT SPECIAL

(reg. \$12)

Ask for Yoko, Nancy E., Marilyn or Debbie

20% Off Redken Perms



SHEAR DELIGHT

3240 Governor the Big Bear Shopping Center)

453-4668

\$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.

FULL TIME STUDENTS

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

call 279-5955, ext. 3852 D'Agnessa Insurance Agency

7841 Balboa Ave. Ste. 215

San Diego, CA 92111

A little Q & A

How much would you pay for a superbowl ticket, and who do you think will win?



I don't think that I'd buy a ticket. have a party and watch it at home Redskins are going to win. with my friends. I'll say Denver will win because my roommate is from

> Jennifer Ericson Junior, Warren **Animal Physiology**



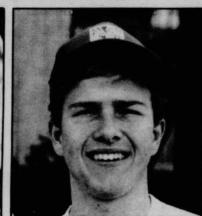
I wouldn't pay more than \$40 for

Student Services Coordinator Communications Department



I'd pay \$100 for a cheap seat! But I'd probably pay \$200 — I'd pay I wouldn't buy a ticket. I'm more I would go for free though. I'd rather a ticket, and I think the Washington I wouldn't pay more than \$1,000 for more if I liked the teams that were comfortable with a keg of beer and a a seat. And the Redskins are going playing like the Bears or the 49ers. I TV. Denver will win, at least I hope Greg Griffin to win - definitely.

> Freshman, Third them away. Economics



think that the Denver Broncos are so. Eileen Liwag going to win. Elway is going to blow

Ethan Lacv reshman, Warren George Bennett

-photos and interviews by Kathleen Donahue

The UCSD Guardian is now accepting applications for:

Contributing Features Editor

One position open

· Position encompasses writing, overseeing assignments for the section, and some lay out.

· Send clips and cover letter to Kristen McCleary, Features Editor, The UCSD Guardian, B-016, La Jolla, CA 92093.

IT PAYS TO **SHOP FOR AUTO INSURANCE**

Call us today for a free personal rate quotation.

Indemnity Company



OBSESSED WITH FOOD?

Programs now available for:

• Bulimia

Weight control

Compulsive eating

La Jolla Center for **Mood & Appetite Disorders**

546-4415

FREE CONSULTATIONS! ESSENCE HAIR DESIGN

precision cuts

perms

hi lighting

3251 HOLIDAY CT. #201

(located above St. Germain's)

"We Care About Your Hair" 452-5620

HAIR DESIGNS

HAIRCUTS PERMS

CLAIREMONT SQUARE (NEXT TO VONS) 274-2600 MIRA MESA (NEXT TO PIZZA HUT) 566-6100 UNIVERSITY TOWNE CENTRE (ACROSS FROM MANN THEATRE) 455-0420

OPEN 7 DAYS APPT. NOT NECESSARY NICURIST AVAILABLE



Put Some Color In Your Cheeks. Nothing looks better or more sexy then a deep, dark, all-over tan. Stop in today and get started on a fast, natural tan you'll love to show off.

TANNING • SWIMWEAR • SPORTSWEAR **10 VISITS for \$39**

Vons Shopping Ctr. 7748 Regents Rd. 458-0108

EFFECTIVE ADVERTISING

For your community

The UCSD Guardian 534-3466

NEWS

PET scan

of a disorder would only be able larities of the brain were involved. With the improved technology of the PET scanner, subtle differences in the brain's energy use could clue scientists to the metabolic nature of the disorder even in the absence of structural changes.

Where a CAT scan "might show you the tubes of a television, a PET scan would show up in a major way." you what was on the screen," Wu

scan, research of this kind can be a gamble, Hazlett said.

For example, radioactive material must be flown down from or vivid visual images. UC Davis on a chartered plane and rushed to the medical center, since the isotope has a half-life of slightly less than two hours. For the scans to be perfect, subjects need to be in the REM (rapid eye dreams," Hazlett said. movement) sleep that is associated with dreaming when the isotope is administered.

The tagged glucose is absorbed in parts of the brain that are most active. When positrons from the glucose collide with electrons, both are obliterated. The PET scanner picks up gamma rays emitted by the reaction and, with the help of a computer, converts the data into

soon as possible. The timing is and insomnia, Gillin said.

critical because people dream only 25-35 minutes at a time, Gillin said. Even so, the researchers have made many quality scans.

"We need about 30 minutes, to determine if structural irregu- so we're right on the edge," he said. "We're lucky to get as many as we have. Here you have a guy with a catheter in his arm, an EEG, sleeping in a small bed, while we're flying the isotope down from Davis. People are all around. Then at the time of the [isotope] injection, we're drawing blood samples. We're very lucky we're not waking people

To provide additional clues about dreaming, the researchers However, at well over \$600 a asked subjects about what they remembered immediately after waking up, focusing on dream content and the presence of color

"We correlate dreams with PET scanner data ... to see if people with colorful, visual dreams used more of their cortex than those with less visual

"Preliminary results suggest the areas of the brain involved in thinking are more active than those related to vision," Wu said.

"It's a landmark study," Wu added. "We haven't had a chance to show outside groups yet. It's very hot data."

Wu said the team is now analyzing its data and may reveal its findings at a national conference of psychiatrists in April or May.

The information will provide However, because of the short the basis for a better understandhalf-life of the material, it must be injected into the subject as including depression, narcolepsy and insomnia Gillin said. half-life of the material, it must ing of the brain" and disorders.



"Channel 0," a San Diego-based theatre group, depicts Ronald Reagan and Oliver North in a satirical skit. At right, protestors with props symbolizing the bloodshed caused by the influx of U.S. military dollars into Nicaragua.

Anti-Contra aid rally

In a demonstration of public disapproval for U.S. military aid to the Nicaraguan Contras, approximately 500 advocates of peace in Central America held a rally in Balboa Park Saturday. The House and the Senate are scheduled to vote Feb. 3 and 4 respectively on whether or not to increase and extend military aid to the Contras. The rally was organized and sponsored by Central America Information Center in downtown San Diego.



Are Approaching!!

Deadline for a Spring Internship in San Diego and for a summer internship outside of California is Friday, January 29th.

Deadline for summer internship in California

Computer

Continued from page 1

puter simulation. The hardware, called the Cellular Device Machine (CDM), is a board that may be plugged into a standard personal computer, like an Apple II. A piece of software named the Artificial Immune System (AIS) combines with the CDM to simulate either a normal or diseased immune system.

The biological immune system works in two functionally integrated parts. The first, called the innate immune system, simply

recognizes substances, called antigens, which occur in the body systems. The second, called the adaptive immune system, identifies specific antigens through a variety of adapter molecules known as antigen receptors.

The adaptive immune system also has a process called memory, which enables it to a quicker and more efficient secondary response if the invading antigen persists or challenges the host a second time. Both parts, however, make a distinction between self and nonself antigens. This distinction is learned and effected through comparison against the system's antigen receptor variety or reper-

toire, and only foreign antigens tion so original is that it represcause the immune system to

The Artificial Immune System program creates a mathematical model of the immune system using the Cellular Device Machine, whereupon data (such as antigen types) can be fed into the program (the immune system) and the information processed "The output would always look

cule, then [there will be] no immune reaction. If it's a foreign molecule, then [there will be] an immune reactions," Sieburg said. What makes Sieburg's inven-

like, if it's a body-owned mole-

What Hans has done is take a mathematical theoretical approach in an experimental con-

completely successful.

ents a breakthrough in experi-

menta! science. Computer simu-

lations have been attempted

before, the most notable of these

being the Lotka-Volterra oscilla-

tor approach. A simple example

he interaction between a popu-

lation of predators feeding on a

population of prey. Both popu-

time and density of the other

population. However, none of

these simulations has ever been

ations oscillate with respect to

their equation is a model of

text," said Arnold Mandell, professor of psychiatry at UCSD and director of the Laboratory of Biological Dynamics and Theoretical Medicine. Mandell explained that previously scientific research has always involved the search for the interactions of components, or the missing pieces, that caused an immunological reaction, which then led to the experimental search for a

"The immune system is a multicomponent system that sometimes gets into bad corners - it's not all the components but the interactions of them that create See MODEL, page 11

The home of the 39¢ hamburger. 7140 Miramar Rd. San Diego ALL AMERICAN MEAL Quarter Pounder ® with Cheese, Large Fry, Medium-Size Soft Drink Just \$199 Limit one coupon per customer, per visit. Please present coupon when ordering. Not valid with Only at:

COMEDY. SERIES

DRAKE STRATHER & DAVE ANDERSON

This Tuesday, Jan. 26, 8 p.m.

Triton Pub, FREE!

All ages welcome.

PRESENTED BY

University Events & Student Activities

AND PUB PROGRAMING _

Not Just For Those OVER 21

The Triton Pub wants to remind those students which are under 21 years of age, that we offer a great selection of lunch and dinner entrees. This, coupled with our unique campus atmosphere, make

RITON PUR the Triton Pub the place to be! For your added enjoyment we offer in addition to our vast dining selection, the largest video/pinball game center on the campus. Whether for lunch, dinner or just a well needed study break - Make it the Triton Pub.

> **TRITON PUB** BRAND NEW-SALAD BAR

Meet the Poet who Inaugurated a President.

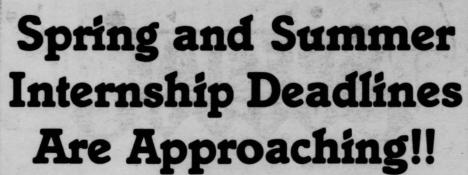


From the backwoods of New England, Robert Frost found a voice that captured the essense of humanity and the imagination of his fellow countrymen. When he read at JFK's inauguration the whole world watched.

11 PM San Diego Voices & Visions features readings by local poets. Tonight: Robert L. Jones

Tuesday 10PM

KPBS 15



Be prepared after graduation and let the ASSOCIATED STUDENTS INTERNSHIP OFFICE help you choose an internship which will give you on the job training and experience. We have internships for every field in every part of the nation.

is Friday, February 12th.

APPLY NOW!

For more info, contact ASIO in the Student Center or call 534-4689.

Private Group CPR is available to groups of students, staff, and faculty interested in Red Cross CPR certification. Both the four and seven hour certification courses are offered, the difference being that one covers infant and baby CPR, while the other one doesn't. Groups of no less than six and no more than fifteen may sign up for any Saturday or Sunday not already eserved between 1/10/88 and 3/13/88. nstructor, equipment, and campus location (if ecessary) are provided. Sign up and save a

\$35 - 4 hour certification course

Fees are the same for any size group. For more information come to Canyonview or call 534-4037 **UCSD** Recreation

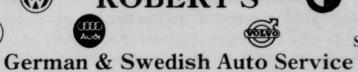
PRIVATE GROUP

CPR



ROBERT'S

Specializing In:



All work fully guaranteed . Factory Trained Specialists

• Fuel Injection • Extended Warranties

• Engine Rebuilding

Monday-Friday 8 am - 5:30 pm ■ Saturday 8 am - 5 pm

(619) 275-1132

 Major Services • Tune-ups

• Transmission

Brakes



4630 Mission Bay Drive (I-5 to Balboa Exit) San Diego, CA 92109

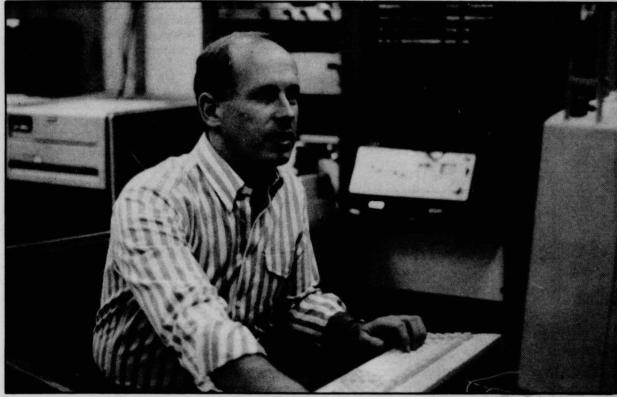
SAAB

10% OFF On All Repairs*

With This Coupon

The UCSD Guardian

UNIX frees students from the typewriter



Ken Reinstein/ Guardian

Dr. Jeff Elman, a professor of linguistics, said that UNIX is very efficient, although some users still want better access.

By LAURA KNAPP

Have you ever wanted to throw your typewriter in a trash can after the ribbon runs out? Or are linguistics, commented on the he thinks it's beneficial for peoyou tired of using an entire bottle computer system here. "UCSD ple to learn general computer of white-out for every paper that [has] greater access to computers skills and UNIX primarily for needs to be typed? What do you in general to a wider diversity of the simple reason that it makes it do when you decide you need to students, staff and faculty than so easy to write papers. move a paragraph after your at most places... Unfortunately,

solution to these problems that or want, but, overall, the sys- people do not know about." does not involve buying a com- tem's pretty good." puter. It's the UNIX systems

By LINDA GLAVE

bureau chief for the New York

Times, will speak next week on

the present state of the American

political parties. Wicker has been

invited to UCSD as a Regent's

Lecturer by the history depart-

ment has attempted to bring to

the campus people who are inter-

esting, outstanding figures from

the world of journalism, law,

and politics. The Regent's Lec-

tureships are designed to bring

who are extremely talented in

their line of work," Michael Par-

rish, a history professor and chair

"I'm glad that the history de-

partment sponsored him," com-

munication professor Robert

Horwitz said. "It's good for us to

bring good working journalists

who are in influential positions

vis-a-vis their notoriety, their in-

fluence. He's a player on the

national scene. He's a part of the

of the department said.

public's fear of policy.

the computers on campus, and out of UNIX. Linguistics 63, (an which is open to all students, introductory course to UNIX.) whether you're studying engineering, music or literature.

Dr. Jeff Elman, a professor of

Dan Gradwohl, a senior history major, has been a T.A. for the class for eight quarters and

"Since I learned [UNIX], I've there are still some groups who used it for every single paper. Worry no longer. There is a don't have the access they need [It's] something that's there that

He said that this was a prob-Taking Elman's course is one lem for him when he came to word processor available through way to learn how to get the most UCSD. "Before I took the class,

N.Y. Times columnist to speak on U.S. politics

Electronic mail is another attrisupport in the event of repairs or bute which makes UNIX useful and popular. This feature allows people to send letters and papers through the computer to places as far as London. It is a way to pass on information and knowledge to other locations that also

street poet ray

why he go why he leave



friends line up to weep and grieve



cover face

bureau from 1964 to 1968.

—Robert Horwitz

In 1972 he moved to the New York offices of the Times and continues to write "In The

"He's a very reflective columnist," Horwitz said. "He isn't a mundane, [or] predictable [columnist]. A lot of columns are In addition to working for five tedious and dull. His are not. different newspapers as writer, They are usually enlightening editor, and correspondent, and interesting."

Wicker has also held positions as Daniel Hallin, a communicathe executive director of the tion professor, said "Wicker is

Southern Pines Chamber of Comperfect [to be a Regent's Lecmerce in North Carolina, and as turer] because he's a very promipublic information director of nent journalist, and a journalist Tom Wicker, syndicated colum- the North Carolina Board of who can speak to the academic nist and former Washington Public Welfare in Raleigh From 1960 to 1964 Wicker cause he's very widely read and was a correspondent with the Washington Bureau of the new

Wicker has been an outspoken and somewhat controversial col-"Every year or so, our depart- umnist for the New York Times since 1966 when he first started writing his now nationally syn-

"He's a very reflecto the campus non-academics... tive columnist.'

York Times, and chief of the

dicated column "In the Nation." Nation" for the Op-Ed Page.

community better than most behe knows something about his-

"One problem with American columnists is that they are, in a way, just doing recording through another medium, they're just trying to give you a bit of information dug up from some sources that they have. [They don't] fill what is a big hole in American journalism, which is to give analysis, to give opinion, to talk about what the news means and what we should do, rather than to just give more news. I think that Wicker more than others gives you that kind of analysis and a real opinion. He knows a lot about history and can put a lot in perspective," Hallin said.

Horwitz concurred, "Wicker uses the arguments that are in the public arena that get no press. He usually plays those, and tries to make arguments, and tries to frame larger arguments than the immediate day's news. And he does that very

Wicker will speak this Tuesday and Thursday in Peterson Hall room 108 at 8 pm.

I never realized what the compu- universities were using the systers were for. A lot of people tem, but it did not become comdon't realize they're here for us

It is possible to learn to use the sometimes can be difficult. Accor- UNIX in industry. Universities ding to Phil Mcoog, a UNIX were training engineers in UNIX, consultant at UCSD, students yet, when they got out of college sometimes come in to type a and began working, they were paper that's due the next day on finding archaic software rather the word processor. If they're than the more up to date UNIX never used it before, "the first system they had been used to. paper is going to take twice as long as on a typewriter, but after "A generation of UNIX bans or the initial experience it becomes fanatics was bred." much easier.'

mercially available until about four years ago. Elman said that one of the reasons for this is that, system on your own, but starting by this time, there was a need for Elman said that because of this

Since that time, new technol-In recent years, the system was ogy has made available hundreds not available to all students. Now, of types of computers that are however, "access has been en- affordable to the people in their hanced to the point where eve- homes, even somethat have word ryone can get an account. In the processors that rival those of past, it was a problem... people UNIX. Elman feels, however,

Electronic mail allows people to send letters and papers through the computer to places as far as London. It is a way to pass on information to other locations that also use

would do anything to get an that the UNIX system is still account." Gradwohl said.

Mcoog finds problems not with operating systems. the UNIX system itself but with the UCSD resources. He said that sometimes the system is overcrowded because so many people want to use the computers and the UNIX system is being overloaded.

The UNIX system started in ries. In 1979, '80 and '81 Bell Labs made the system available to universities around the country for free, but there was no breakdowns. This is about the time when the UCSD department research started in areas such as chemistry, cognitive science, linguistics and music.

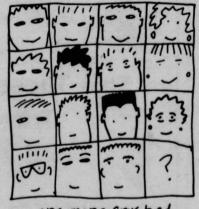
The UNIX system grew as a small but increasing number of

"one of the single most popular Elman believes that UNIX af-

fords benefits beyond word processing. One is that it can be used on several different types of computer systems. Also it provides self-contained programs with each doing a specific job which can, in turn, be combined in the mid 1970s at Bell Laborato- more complex programs. This makes it easier for people who do not know how to program to

See UNIX, page 9





one more crushed in aids embrace

@1987 redmond/dvorak, all right's reserved

Lecturer to address the subject of sexual harassment in the academic community

By MICHELE BIDWELL Staff Writer

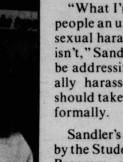
Dr. Bernice Sandler, director of the Project on the Status and Education of Women of the Association of American Colleges, will be hosting a forum on the issues of sexual harassment in the academic community and other related topics. The lecture will be held on Thursday, Jan. 28, from 12:30-2:00 pm in the International Center.

AS former education specialist for the House of Representatives' Special Subcommittee on Education, Sandler played a major role in the passage of Title IX, a law which prohibits sexual discrimination against students and employees. Sandler has also held distinctive positions on various national committees and councils and has received several awards and six honorary doctorates for her work. She is considered a national expert on sexual harassment.

"Sexual harassment has been a problem on campus for a long time, but it has really come out in the open in the last few years because the laws have changed," Sandler said.

"Sexual harassment is any unwanted behavior of a sexual nature that occurs in a power relationship when one person has the power to harm another person," she explains. In an oncampus situation, "faculty and staff are really taking advantage of the power they have over

"I'm primarily talking about men harassing women because 99 percent of it is men harassing women, although it is possible for women to harass men," Sandler added.



Dr. Bernice Sandler

Sandler also stated that the legal definition of sexual harassment has expanded. Now, sexual harassment not only refers to sexual bribes and/or threats but it also includes, what Sandler terms, "a chilly or offensive environment." For example, joking about a women's sexuality and/or making lewd references and gestures is now defined as sexual harassment.

Sandler estimates that "20 to 30 percent of women undergraduates experience some form of sexual harassment [and] sexual harassment on the graduate level is more prevalent."

"What I'm trying to do is give people an understanding of what sexual harassment is and what it isn't," Sandler said. She will also be addressing actions that sexually harassed victims can and should take, both informally and

Sandler's forums are sponsored by the Student Safety Awareness Continued from page 8 Program, assistant Vice Chan- use UNIX. cellor Faustina Solis, the deans from all four colleges and the Women's Caucus. For more information on Dr. Sandler's forums, ness Program at 534-5793. G T.A. for eight quarters there are



CAPTAIN HOOKED

UNIX computers

coming old or outdated, Grad- to expand the computers. wohl replied, "There is still a lot of room for expansion... I'm still contact the Student Safety Aware- learning." Even after being a his opinion, the only drawback

things he does not know about the system. He feels there are no When asked if UNIX was be- real limitations for the capacity

> Elman thinks that UNIX is very beneficial and powerful. In See UNIX, page 11

UCSD UNIVERSITY EVENTS & STUDENT ACTIVITIES PRESENTS



BOBBY McFerrin & The TANDY BEAL DANCE COMPANY

In this very special performance, the mystical modern dance mosaics of Tandy Beal are beautiful, provocative works which are perfectly matched by the haunting solo vocal improvisations of Bobby McFerrin. McFerrin's unique a cappella style has garnered Grammies for Best Male Jazz Vocalist and Best Vocal Arranger. His instrument is his body and to see him in concert bears witness to his boundless imagination.

JANUARY 29, FRIDAY, 8:00 P.M. MANDEVILLE AUDITORIUM G.A. \$15.00, STUDENTS \$10.00 UCSD Fac/Staff & Sr.Cit. \$13.00

& UCSD Box Office: 534-4559

University Events & Student Activities presents INTERNATIONAL STYLE



DIRECTED BY AGNES VARDA 105 MIN. FRANCE 1985 WITH SANDRINE BONNAIRE

This stark, spare road movie examines, or more, reports the views, values and fantasies projected on a young vagrant by the men and women whose paths she crossed. Agnes Varda presents a chilling portrait of absolute disaffection and its inevitable end.

> THIS TUESDAY, JAN. 26, 8:00 P.M. MANDEVILLE AUDITORIUM SERIES PASS: \$12.00, SINGLES \$2.50 UCSD Box Office: 534-4559

TICKEVIIIASTER

Monday, January 25, 1988 11

Read The BULLETIN SO

STAY ALIVE **DON'T DRINK AND DRIVE!**

UCSD ASSOCIATED STUDENTS TIPSY TAXI SERVICE YELLOW CAB COMPANY

234-6161

THURSDAY THRU SATURDAY 5:00 PM TO 3:00 AM (VALID ONLY WHEN PRESENTED WITH CURRENT UCSD ID) -AREA SERVED-

La Jolla, University Center, Clairemont, Pacific Beach, Mission Beach, Del Mar, Solana Beach, Mira Mesa

* NOT TO EXCEED 15 MILES *

The A.S. Tipsy Taxi Service is now in effect. Be sure to pick up your card at EDNA or the A.S. office.

STUDENTS NEEDED:

Want to get involved at UCSD? Become one of two students at large to serve on this year's election commissions. You will be responsible for managing and coordinating this spring's Associated Students' elections. For more information contact your college council or Patty in the A.S. office at ext. 44450.

PAID POSITION AVAILABLE:

Associated Students State Lobby Director position is now open. The responsibilities are as follows:

- · Lobby State Legislators about Student Concerns
- · Work with the University of California Student Association staff to inform students about educational issues.
- Track legislative bills dealing with education through the state assembly and

If you're interested please come to the A.S. Office and contact Brett Franklin or Patty to fill out an application.

A.S. PROGRAMMING

A.S. Film Series "Raising Arizona" Wed. Jan. 27 8 and 10 pm in USB 2722

There is still time to buy your A.S. Film Series Membership Card for only \$4.00 at the box office, for your favorite raging flicks, over 18 films left! What a bargain!

JAZZ FESTIVAL

Anyone interested in working on this year's Jazz Festival please sign up in the A.S. Office or call ext. 44450.

ATTENTION ALL STUDENT ORGANIZATIONS:

Meeting times will no longer be posted in the bulletin; you can see EDNA about posting them in the calendar section. We will only advertise your events! Ads must be typed or they will not be submitted.

The Undergraduate Political Science Student Association will present Dr. Roger Sabbadini from the Peace Resource Center and Scientists for Social Responsibility. He will speak on International Relations, and Arms Negotiations, and how grass roots movements affect the interactions of such. Tuesday, January 26th at 6 pm at the Student Center Bldg. B Conference Room.

The UCSD International Club

presents the Winter Lecture Series. Paul Espinosa presents "The New Immigration Law: A Mid-year Assesment," on Tues., Jan. 26 at 7 pm in the International Center Lounge. Call 534-3730 for more

Sailing Team Organization Meeting

Thursday, Jan. 28 at 7 pm, at P&L 1111. The sailing season is upon us, and we need to discuss upcoming regattas and practice sessions. Persons of all skill levels, especially lightweight persons for crew and women skippers, are encouraged to join. Come see what we have planned for the new improved sailing team!!

AIAA T-Shirt Design Competition

All students welcome to enter designs for this year's club T-shirt. Submit entries outside Engineering Club's office (above game room.) Make designs aerospace oriented. Entries due Feb. 9.

Skateboard Ramp Grand Opening!

Ready to Shred Skate Club has completed its halfpipe-ramp project and is holding an exhibition at noon this Saturday, Jan. 30th. Refreshments will be provided along with some radical skate action for afternoon entertainment. Ramp location is just across Scripps Hospital, southeast of the baseball field at 4051 Old Miramar Rd.

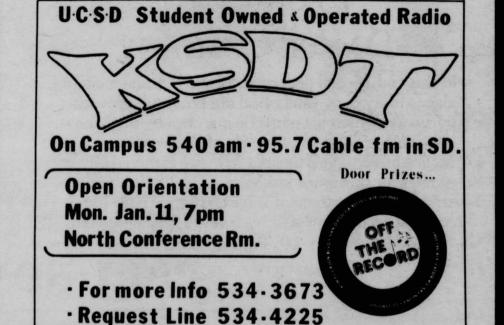
LAGO and the AS present

the first Non-Sexist, Gay and Lesbian Dance of Winter Quarter! Everyone is invitied to the Che Cafe on 30 Jan., Saturday night 9 pm to 1 am. Maybe you'll see that cute face from Chem Section there!

Be prepared after graduation! Get a Spring Internship in any field in San Diego to gain practical experience. Or go to Washington D.C. or New York for a summer internship. Get involved, get an internship. For more details, contact ASIO in the Student Center, or call 534-4689. DEADLINE to apply is Friday, January 29th.

PEACE FAIR '88

Several days of music, dance, speakers, participtation workshops, New Games, booths, and a special event are being planned for the third week of UCSD's Spring quarter, April 18-22, and especially April 20-21. PEACE FAIR '88 is being created by many diverse campus organizations, without a particular Left-Right ideological bent. We share one thing: a desire for peace and the willingness to do something about it. The organizing committee meets 5 pm Wednesdays in the Multipurpose Room. Anyone who has a talent to share or a pair of hands to lend is encouraged to call Van Hutchinson of the Baha'i Club, 481-3213, evenings. (And feel free to leave a long message on machine.)



UNIX

Continued from page 9 of the system is that the word processor has been surpassed by some home systems.

Students can obtain a computer account from Sally Witucky in AP&M room 1140. Learning to use UNIX, either by taking a class or learning on your own, could be a good way to finally abandon the typewriter.

Model

Continued from page 1

defects," Mandell said. "The causes are really irrelevant, and, with Hans' machine, we can ignore the cause and go into the middle of the disease.

The most obvious applications of Sieburg's AIS program are to the study of cancer and AIDS.

"We have considered the responses to viruses and this leads into the question of cancer, because there are virus-induced cancers," Sieburg said. "However," he added, "the precise applications to individual cancers are far in the future. We have to do more thinking, more search for relevance."

In studying AIDS, however, the question approached was whether all AIDS symptoms and ultimate death are the result of the specific depletion of T-4 cells. T-4 cells carry the receptors that are specific to the human immunodeficiency virus (HIV). When Sieburg began his research about a year ago, specific T-4 cell depletion was believed to be the primary cause of AIDS in

It was discovered that it was not solely the depletion of T-4 cells that causes AIDS, but instead, a combination of more than one kind of cell defines the development of that disease.

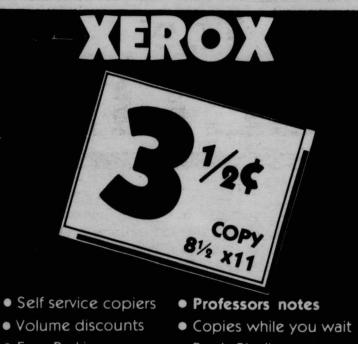
Sieburg foresees his invention being used not only by researchers in hospitals and laboratories, but by universities as a training

"We see students being educated on the immune system by this simulator. They hear a lot about 1-cells and such in their classes, but they don't see them. They can play around with [cells on the computer] and actually see what does and doesn't work. So, it is essentially a textbook on the computer," Sieburg said.

Mandell asserts that computer simulation of biological systems is an emerging field, and that the only limitations are, "the imagination and capacity of the theo-

"It's an early 'golden age' in the field. If it does work - it will work - it's unlimited."



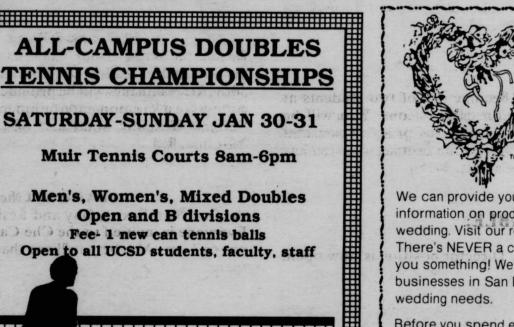


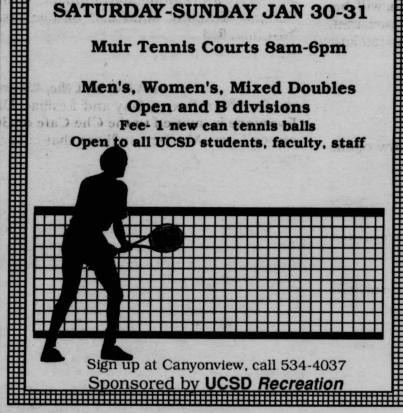
• Free Parking Book Binding

HOURS: M-TH 8-7 ● FRI. 8-6 ● SAT. 10-5

3211 Holiday Court, La Jolla 452-9949 (next to St. Germain's)









information on products and services needed to plan a wedding. Visit our resource center as often as you like. There's NEVER a charge and at no time will we try to sell you something! We simply put you in touch with the businesses in San Diego that best meet your unique

Before you spend endless hours planning your wedding, visit us today! We're located near the corner of First Avenue and Maple St. (look for the white picket gates!) One stop can provide you with all your wedding needs, and it's FREE!

TUES.-FRI. 11:00 am - 6:00 pm. SAT. 9:30 am - 5:00 pm. Evening hours by appointment.

The Bridal Association of San Diego County 120 Maple St., Suite A, San Diego CA 92103

619/544-1181

Our three-year and two-year scholarships won't make college easier. Just easier to pay for.

Even if you didn't start colege on a scholarship, you could finish on one. Army ROTC Scholarships pay for full tuition and allowances for educational fees and textbooks. Along with up to \$1,000 a year. Get all the facts.

APPLICATION DEADLINE: 3-Yr. Scholarships Mar. 15, 1988 2-Yr. Scholarships Feb. 15, 1988

APPLY NOW

ARMY RESERVE OFFICERS' TRAINING CORPS

This semester "ADD" Leadership



- · Leadership & Management Training
- Scholarship Opportunities
- · Adventure Training

MS 100B Introduction to Leadership MS 202 Psychology of Military Leadership MS 302 Military Theory/Dynamics

CLASSES STILL **OPEN**

For more information about becoming a second lieutenant in the U.S. Army, National Guard or Army Reserve, call Major Norris Posehn at 265-4943 or visit building T-64 across from the Women's Gym at SDSU.

The UCSD Guardian

Commentary

If defense spells win, the Redskins are in

By MIKE U'REN

This has been one of the crazi- tive Super Bowls. est seasons in NFL history. Out during the strike.

eliminate themselves from the ing the NFC in the Super Bowl.

away Eric Dickerson to the Colts a late rally by the Cleveland where he helped the Colts to Browns when Ernest Byner fumtheir first division title and bled at Denver's two yard line playoff birth since 1977? Let us and was recovered by Denver not forget Rams running back cornerback Jeremiah Castille to Charlie White. Backup to Dick- seal the victory. Nevertheless, erson for the last two years, he the outcome is the same. These led the league in rushing for the two clubs will meet each other at first time in his career.

the Super Bowl representatives best team in the NFL. from both leagues have finally been decided. The Washington offensive talents of Denver's Redskins who will be making young quarterback John Elway, their third trip in the last six this year's Most Valuable Player years will face the Denver Bron- in the NFL, and his three receivcos, the first team since the

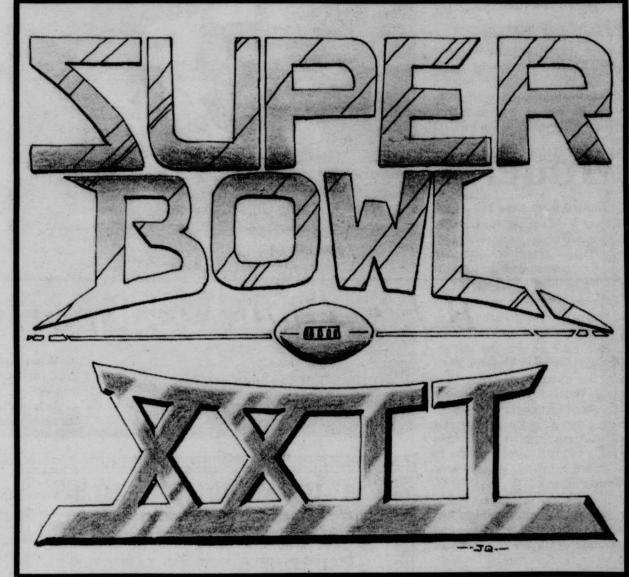
Pittsburgh Steelers in 1978 and 1979 to participate in consecu-

Neither team coasted into the of only 15 games, three were Super Bowl. The Redskins upset played by replacement players a tough Chicago Bear team in Chicago and then held off a last The San Diego Chargers minute rally by the stubborn and jumped out to an 8-1 record, upset-minded Minnesota Vikings only to drop their next six and to have the honor of represent-

Likewise, the Broncos defeated How about the Rams trading the Houston Oilers and held off San Diego's Jack Murphy Sta-Yes, it was a crazy season but dium on Jan. 31 to see who is the

This game will showcase the

See SUPER BOWL, page 13



		Weekly	Sports Calendar				
Date	Team	Location	Time	Date	Team	Location	Time
. 1/25	M. tennis vs. USIU	USIU	1:30 pm	1/29	M. tennis vs. Point Loma Nazarene M. volleyball vs. Alumni	UCSD	2:00 pm
1/26	M. Basketball vs. Athletes in Actions (exhibition)	UCSD	7:30 pm			UCSD	7:30 pm
* 4 **	M. tennis vs. San Diego State University	SDSU	2:00 pm	1/30	W. basketball vs. University of Redlands	Redlands	4:00 pm
1/28	M. volleyball vs. Princeton	UCSD	7:30 pm		M. & W. Fencing vs. UCLA,	UCSD	1:00 pm
1/29	M. basketball vs.	San Bern.	6:00 pm		CSU Fullerton, Occidental		
	CSU San Bernardino			M. & W. swimm	M. & W. swimming vs.	UCSD (CV)	9:00 am
	W. basketball vs. CSU San Bernardino	San Bern.	8:00 pm		Claremont-Mudd-Scripps		
	M. & W. swimming vs. Claremont-Mudd-Scripps	UCSD (nat)	7:30 pm		M. volleyball vs. CSU Northridge	UCSD	7:30 pm

PREMIERE OFFERING Surf team chooses

Resort Living in the Golden Triangle

RELAX AT THE END OF A LONG DAY with a good book in front of the fire in your cozy, new apartment at La Jolla Del Sol . . . or take advantage of our extensive recreational facilities to work out some stress. You'll love coming home to La Jolla Del Sol!

THE FIRST THING YOU'LL NOTICE is the distinctive architecture and well-planned design of the community. Our condo-style one- and two-bedroom apartments offer variable interior amenities including: wood-burning fireplaces; vaulted ceilings; walk-in closets; full-size washer/dryer hookups; mini-blind; and private decks/patios. And for your extracurricular activities, the community offers two lighted tennis courts, two pools and jacuzzis, and a weight training room. Underbuilding and off-street parking are available.

OUR OUTSTANDING LOCATION is walking distance to two regional shopping malls (UTC and La Jolla Vilage Square) and a supermarket. A public bus stop nearby gets you to UCSD or other destinations. A UCSD shuttle is proposed for next year.

YOU REALLY HAVE TO SEE La Jolla Del Sol to believe it! Stop by to see how you can take advantage of this PREMIERE OFFERING! We have furnished models available to help you envision your La Jolla Del Sol lifestyle.

LA JOLLA DEL SOL

8046 Regents Road San Diego, CA 92122 **587-1221**

1988 members

talented artisans of the wave as Tihanyi. they carved their powerful signatures into the face of the pounding surf. Ranked fourth in the nation, UCSD is in position to topple the top schools from California, the East coast, Hawaii and Texas.

Two factors explain UCSD's contention for the National Championship title, said team are definitely going to be in concoach and competitor Mike tention for the national title," Gleevy. "We are looking better said Gleevy. "There's a lot of than last year. We've got four of excitement about what we see our six strongest surfers return- for both the "A" and "B" teams ing from last year in addition to a because we have so much talent." few highly impressive new-

Two teams compete for team but is disappointed at the UCSD, each consisting of six lack of funding this year. Acmen, one woman, one kneerider, cording to Beresford, the A.S. and one bodyboarder. This year's

The gathering of UCSD surfers "A" team surfers are Brad Africompeting in the team tryouts at cano, Steve Colt, Gleevy, Alan Black's Beach on Saturday was a Johnson (team captain), Don dynamic foresight of what to O'Neil, and Sean West. In the expect this season from these women's division is Isabelle

> In kneeriding competition UCSD boasts U.S. Amateur National Champion and U.S. National Team World Championship competitor Jack Beresford. 1987 Collegiate Champion Bob Crawford will compete in the bodyboarding events.

"With such a strong lineup, we

Beresford, club president, is also very enthusiastic about the

See SURFING, page 13

Surfing

Continued from page 12

Budget Committee cut funding for UCSD's entry fees, which total \$360 per contest.

"We are possibly the best team in the country, competing against the top schools in the world," Beresford said. "We are self-run through the students ... Mike Gleevy volunteers as our coach."

"Fundraising will be the team's only way of paying entry fees," Beresford said.

Sunrise on Feb. 6 brings the true test as state competition among UCLA, UCSD, UCSB, USC, CSU Long Beach and Golden West College begins at the Oceanside Harbor Jetty. G



Team captain Alan Johnson

Super Bowl XXII

Continued from page 12 ers the Three Amigos (Vance

Johnson, Mark Jackson, and Rickey Nattiel).

The Redskins will feature the Hogs from their defensive unit, Charles Mann, Dexter Manley, and Dave Butz.

Elway has been a prolific passer all season and will be the starting quarterback for the AFC in the Pro-Bowl game. In Sunday's game against the Browns he was nothing short of spectacular. He completed 14 of 26 passes for 281 yards and three touchdowns. He was so dominating in the first half, Denver game from his hospital bed after jumped out to a 21-3 lead, that

the punter didn't even come onto the field until there were only 45 seconds left to play in the half. Elway shredded the Brown's defense, who gave up the fewest touchdowns in the AFC during the regular season, with his scrambling technique and his incredible arm.

Mark Jackson and Rookie Rickey Nattiel, two of the Three Amigos, combined to catch nine passes for 228 yards and two touchdowns against Cleveland's defense. The third member, Vance Johnson who is the best of the three receivers, watched the

See SUPER BOWL, page 15

B.J.'s | Guardian Sports Trivia Quiz

Last Week's answers

- 1. 23 2. UCSD
- 3. Al Geiberger

4. Rob Rittgers (for Division

- 5. Phoenix 6. Los Angeles Clippers
- 9. Western All Stars
- 10. Tom Dempsy

- 1. Who won Super Bowl III? 2. Who owns the Los Angeles Raiders?
- 3. Which of the following did not play for the San Diego
- State Aztec's baseball team? (a) Bud Black (b) Bobby Meacham (c) Dave Smith (d)
- Al Newman (e) Craig Nettles 4. What is the name of the
- Pittsburgh's NHL team? 5. Who is the 1987-88 most valuable player in the NFL?
- 6. What is the record attendance for UCLA's Pauley Pavillion?
- 7. Who holds the record for the most yards rushing in NFL playoff games for their career?
- 8. What team does Dominique Wilkins' brother Gerald play for?
- 9. Who is the head coach for San Diego State's basketball
- 10. What are the two events of the biathlon



UCSD Pop Events presents

Friday, Jan. 29, 5 p.m. **Triton Pub** FREE!

All ages welcome.





SERVICES /WORKSHOPS

10:00-3:00 pm - Peer Counseling for Women Students. Need to talk to someone about personal issues Want to communicate with a trained peer counselor who has experiences similiar to yours? Peer counselors supervised by Psychological and Counseling Services available

4:30-6:00 pm — Lesbian Graduate Student Support Group. Informal discussion and support group in which women are welcome and confidentiality is respected. Led by Denise, peer counselor. Location: H/UL 1003.

6:30-8:00 pm - Cosexual Support Group. Gay and lesbian peer counselors lead this drop-in discussion group, covering issues relating to gay and bisexual men and women. Led by Jeff and Kathy, peer counselors. Location

8:30-10:00 am - Gay and Bisexual Men's Support Group. A confidential support group for both undergraduate and graduate men who are either questioning their sexuality or who already identify as gay or bisexu Led by Craig Wiese and Brian Johnson, 534-3755. Location: 1003 H/UL

2:30-4:00 pm — Recovering from Eating Disorders Group III. This group, for students with a history of serious concerns about eating, focuses upon building the psy-chological skills necessary for full recovery and enhancing personal potential. Led by Karla Materna and Sharor Weld. Call Dr. Materna for a preliminary interview, 534-1725. Location: Mountain View Lounge.

2:30-4:00 pm - Support/Discussion Group for Students who are Parents. Finally a support/discussion group for students who are PARENTSI Come to discuss parenting issues: discipline, quality time, scheduling, time management and to meet other parents. The group is sponsore by Psychological Services. See you there! Location: Muir Conference Room/HSS 2148.

2:00-3:00 pm - Let Go of Stress and Anxiety. A weekly group designed to teach methods of relaxing and dealing with stress and anxiety. Led by Sara Arroyo, 534-3585. Location: H/UL 1003.

3:00-4:30 pm - Graduate Women in Humanities. For women interested in exploring their concerns as graduate students, relationships, developing personally and interpersonally. To sign up, contact Wilma Busse, 534-3585.

7:00-8:30 pm — Undergraduate Women's Support Group. This group will explore women's roles, relation-ships, assertiveness in both school and personal life, and any other topics that are currently on your mind. Led by peer counselors from Psychological and Counseling Ser vices. For more information call Marney at 792-5731, or Liz at 454-9332. Location: Women's Resource Center.

10:00-11:00 am - Peer Counseling for Women Students. Need to talk to someone about personal issues? Want to communicate with a trained peer counselor who has experiences similiar to yours? Peer counselors supe vised by Psychological and Counseling Services available or confidential sessions. Drops-ins welcome. HSS 2056.

3:00-4:30 pm - Recovering from Eating Disorders Group III. This group, for students with a history of serious concerns about eating, focuses upon builing the psychological skills necessary for full recovery and enhancing al potential. Led by Beverly Harju and Brian John son. Call Dr. Harju for a preliminary interview, 534-3987. Location: 302 WC.

3:00-4:30 pm - Chicano/Hispanic/Latino Support Group. For graduate and undergraduate students. Led by Dan Munoz, 534-1579. Revelle Provost's Office.

4:30-6:00 pm — Lesbian/Bisexual Support Group. This weekly group is for undergraduate women interested in peer support, discussion of personal concerns, relationships and social issues. Led by Kathy and Laura, peer counselors. The Women's Resource Center

5:30-6:30 pm — Discussion Group for Bridge Students (All sessions). This group is being organized to talk about issues/topics that are important to you as minority students. Join us for an organizational and brain-storming session led by peer counselors from Psychological and Counseling Services. Location: H/UL 1003.

3:30-5:00 pm — Black Womens' Support Group. For black women (graduate or undergraduate) focusing on personal, interpersonal and academic issues. To sign up, call Rochelle Bastien at 534-3035. Location: H/UL 1003.

4:00-5:30 — Recovering from Eating Disorders II. This group, for students with a history of seriods concerns about eating, focuses upon building the psychological skills necessary for full recovery and enhancing personal potential. Led by Beverly Harju and Amy Burke, peer counselor. Call Dr. Harju for a preliminary interview, 534-3987. Location: 302 WC.

11:00-5:00 pm — Peer Counseling for Women Students. Need to talk to someone about personal issues? Want to communicate with a trained peer counselor who has expeience similar to yours? Peer counselors supervised by Psychological and Counseling Services available for confidential sessions. Drop-ins welcome. HSS 2056.

2:00-4:00 pm — Alcohol and Substance Abuse Group. If you have ever asked yourself, "Do I have a problem? chances are you do have a few things to talk about Students interested please call Dan Munoz at 534-1579, Revelle Provost's Office.

4:00-5:30 pm - Campus Black Forum. A weekly informal group on the issues, concerns and quality of life of the Black community at UCSD. For information, contact Rochelle Bastien, 534-3035, or Phil Raphael, 534-0252. Mountain View Lounge.

12:00-1:00 pm - Come join the LDSSA in studying Gospel Essentials and/or the Old Testament at the LDS institute across N. Torrey Pines from Tioga Hall (west side of building). The Mormons.

3:00-4:00 or 4:00-5:00 pm — Come join the LDSSA in studying Gospel Essentials and/or the Old Testament at the LDS Institute across N. Torrey Pines from Tioga Hall (west side of building). The Mormons.

5:00 pm — Catholic Mass. Sponsored by the Catholic Community at UCSD. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive. 7:30 pm — Tuesday Night Discussions. "What is

Liberation Theology, and why are people saying such awful things about it? Come to a lively discussion of this provocative topic. University Lutheran Church Catholic Lounge, corner of N. Torrey Pines and La Jolla Shores

12:00-1:00 pm - Come join the LDSSA in studying Gospel Essentials and/or the Old Testament at the LDS Institute across N. Torrey Pines from Tioga Hall (west side of building). The Mormons.

5:00 pm — Catholic Mass. Sponsored by the Catholic Community at UCSD. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive. 6:00 pm — Supper is served to students by Lutheran ownspeople. Donation requested but not required. University Lutheran Church on the corner of N. Torrey Pines

and La Jolla Shores Drive. 7:00 pm - "Mark's Gospel, Part 2" is the Bible study topic led by Lutheran Campus Pastor John Huber. Everyne is welcome. University Lutheran Church on the corne of N. Torrey Pines and La Jolla Shores Drive.

9:30 pm — Candlelight Mass. Sponsored by the Catholic Student Coordinators at UCSD. A quiet meditative time for sharing with others. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive

3:00-4:00 or 4:00-5:00 pm — Come join the LDSSA in studying Gospel Essentials and/or the Old Testament at the LDS Institute across N. Torrey Pines from Tioga Hall

west side of building). The Mormons. 5:00 pm — Catholic Mass. Sponsored by the Catholic nunity at UCSD. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive.

5:45 pm — The Thursday Dinner. ALL YOU CAN EAT! memade food and great company. Sponsored by the Catholic Student Coordinators. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive. Donation: \$2.00.

6:30-7:30 pm — "Finding Yourself in the Parables of Jesus" The joy of identifying with Jesus' own words in the New Testament can be yours for the next several weeks as we explore this exciting topic. Sponsored by, United Campus Ministry Bible Study — For all Christian students and serious seekers. Student Center Bldg. B, South

7:30 pm — Bible Study — Episcopal College Students St. Elizabeth's Church, 2825 Merton Ave. For information call Fr. Bill Mahedy at 565-6661.

5:00 pm — Catholic Mass. Sponsored by the Catholic nunity at UCSD. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive.

7:00 pm — All are welcome to join weekly Christian fellowship and worship with CHI ALPHA. South Conference Room Student Center B.

8:00 and 10:00 am - Episcopal Church Worship Service: Sunday Eurcharist and Parish fellowship. Good Samaritan Episcopal Church, 4321 Eastgate Mall, (across Genesee from east end of campus, north of La Jolla Village Drive, intersection of Eastgate and Genesee).

8:30 am — Catholic Mass. Sponsored by the Catholic munity at UCSD. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive.

9:00 am - College age class for study and fellowship held weekly within easy access to campus. Sponsored by United Campus Ministry. Torrey Pines Christian Church, 8320 La Jolla Scenic Drive, North. Information 453-3550 10:00 am - "The Gospel of Matthew" is the theme of Campus Pastor John Huber's sermon during the guitar folk mass. A study session is available afterwards at 11:15 am and again on Wednesday at 7:00 pm. Open to all. University Lutheran Church on the corner of N. Torrey Pines and La Jolla Shores Drive

5:00 pm and 9:00 pm — Catholic Mass. Sponsored by the Catholic Community at UCSD. University Lutheran Church on the corner of N. Torrey Pines and La Jolla

6:00 pm — The African American Student Union is sponsoring a "Big Brother and Big Sister Potluck and Game Show Night." If you want to be a part of this activity, contact the African American Student Union office. International Center. Free

9:00 pm — The African American Student Union is ring a "Black History Month — Kick Off" dance. All students are welcome. Located at the Pub, admission fee \$3 in advance or \$4 at the door.

2:00-3:00 pm - What! You missed the birth control session last Monday because it was a holiday? Make it up to yourself today. Come to the second floor Student Health Service and have a student health advocate answer



12:00-1:00 pm - Ever notice how every movie days is about babies? "Baby Boom," "Three Men and A Baby," etc., etc. Clearly babies are in, so I suggest everyone quit school and start having babies of your own. Otherwise join us in our birth control session. Second floor

12:00-1:00 pm — "For Keeps," Molly Ringwald as yet another pretty teenager in still another endless portrayal of "High School Life." (By the way, is college really that boring?) Oh sure, this one's different; it's about love, romance, people hanging on to each other, and most of all, unplanned pregnancy. Don't be as silly as Molly. Join

12:00 pm - Did your mom or dad force milk on you? How about spinach? Well they were right! Calcium and about Women's Sexual Health and nutritional needs at the well women session. Second floor Student Health.

4:00 pm — ASME Tour of San Diego Supercomputing Facility with professional chapter of ASME. Call Jeff at 270-7965 by 4:00 pm Thursday for reservations.

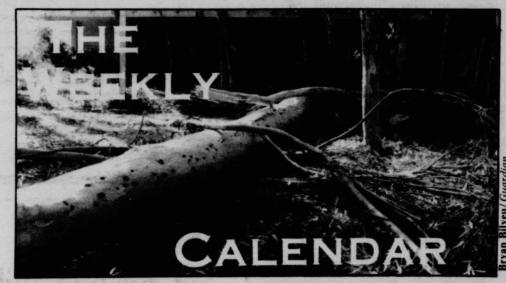
ORGANIZATIONAL MEETING

6:00 pm - This week's meeting of the Lesbian and Gay Organization will be a painting party for the sign boards and banners that advertise the dance. Meet in front of the LAGO office.

8:00-4:30 pm — The Language Program provides assistance to students whose first language is not English, and to those doing work in Spanish, French, Italian, German and other languages. A diagnostic test on written English as a second language is available on request. Call 534-2284 for more information. Location: USB 4010. Free. 8:00-4:30 pm - OASIS Writing Center offers free service for all UCSD students who need pre-writing help, conferences on drafts and editing advice. We engage any kind of writing and any kind of writing problem. Conferences are by appointment only. Evening appointments are also available in OASIS Third Place at Third College, Warren Apts, Muir College and at Third dorms. (For full range of services see the back of the current class schedule. | Call 534-2284 or come by USB 4010 to make an appointment. This service is available throughout the Sponsored by the OASIS Writing Center. Free 10:30 am — On Camera: Practicing Interviewing Skills Sharpen your interviewing skills by seeing and hearing yourself on videotape. Receive feedback from other job

seekers in this group workshop. Prerequisite: Interviewing skills workshop. Career Services Center. Free. 11:30 am and 2:30 pm — Career Search Workshop Everything you need to know about presenting yourself to employers! (Presented by Business Week Careers magazine. Career Services Center. Free.

1:30-4:00 pm — Drop-in advising hours: For help with career goals, job hunting, resume preparation or exploring professional or graduate school opportunities. No appointment necessary, just walk-in. Career Services Center. Free. **3:00 pm** — Committee Interview Orientation. Attend this session for advice on preparing for medical or dental school interviews. A must if you want to interview with the Health Sciences Advisory Committee. Career Services



7:00 pm — The Recreational Bicycling Club's first meeting for winter quarter in HSS 2150.

7:30 pm — Help Stop Contra Aid. Friends of Nicaraguan Culture, UCSD, welcomes all those who support peace in Central America. Attend our weekly meetings in La Jolla. Call 546-1464 for more information

6:00 pm — African American Student Union General Body Meeting in AP&M 2113.

7:00-8:00 pm — Sailing Team Organization meeting: discuss upcoming regattas, practice sessions and team

2:00-3:00 pm — ASME General Meeting. Tom Frankie, president of San Diego Chapter will speak on the stirling engine. Refreshments. PH 103. For more information, call

4:00 pm — Deadline to apply for a Spring Internship in San Diego or a summer internship in Washington D.C. or New York is today. All resumes, cover letters and applications must be turned in by 4 pm at ASIO in the

RECREATION

8:00-10:00 pm — Scottish Country Dance weekly classes. Beginners welcome. Please wear thin soled shoes. Main Gym, West Balcony. Free.

12:00 pm — "Skateboard Ramp Grand Opening" Ready to shred skate club is holding a grand opening for the completion of the ramp! Refreshments will be provided along with some radical skate action. Location: Across from Scripps Hospital, southeast or baseball field at 4051

4:00-5:00 pm — Softball Gamel ASME's stress and strain ('A' Co-ed) plays at Warren field. Call Phil at 453-1493 for

ACADEMIC SERVICES

8:00-4:00 pm — SIGI — System of Interactive Guidance and Information is a computer-run, career decision-making and planning program. Career Services Center. 8:00-4:30 pm — The Language Program provides

assistance to students whose first language is not English, and to those doing work in Spanish, French, Italian, German and other languages. A diagnostic test on writte English as a second language is available on request. Call 534-2284 for more information. Location: USB 4010. Free. 8:00-4:30 pm - OASIS Writing Center offers free service for all UCSD students who need pre-writing help, conferences on drafts and editing advice. We engage any kind of writing and any kind of writing problem. Conferences are by appointment only. Evening appointments are also available in OASIS Third Place at Third College, Warren Apts, Muir College and at Third dorms. [For full range of services see the back of the current class schedule.) Call 534-2284 or come by USB 4010 to make an appointment. This service is available throughout the quarter. Sponsored by the OASIS Writing Center. Free. 11:00 am - On-Campus Interviewing Orientation. If you are interested in participating in the Career Services Center's on-campus interviewing program this quarter, it is mandatory that you attend one of these orientations before you interview. Career Services Center. Free.

1:00 pm — Interviewing Skills Workshop. Do you need help in preparing for job interviews? Career Services will provide tips on the best ways to present your qualifications and what kind of interview questions to expect. Free. 1:30-4:00 pm — Drop-in advising hours: For help with career goals, job hunting, resume preparation or exploring professional or graduate school opportunities. No appoint-

ent necessary, just walk-in. Career Services Center. Free. 2:00-3:00 pm — The OASIS GM (Grammar and Mechanics) Workshop is designed for students whose first language is not English and who would like to work on larifying basic grammatical concepts and applying them in extensive, systematic series of practical exercises. An exercise manual will be used. All work will be completed in the context of the workshop. Location: USB 4010. Free.

8:00-4:00 pm — SIGI — System of Interactive Guidance and Information is a computer-run, career decisionnaking and planning program. Career Services Center.

8:00-4:00 pm — SIGI — System of Interactive Guidance and Information is a computer-run, career decision-making and planning program. Career Services Center.

8:00-4:30 pm — The Language Program provides assistance to students whose first language is not English, and to those doing work in Spanish, French, Italian, German and other languages. A diagnostic test on written English as a second language is available on request. Call 534-2284 for more information. Location: USB 4010. Free. 8:00-4:30 pm — OASIS Writing Center offers free service for all UCSD students who need pre-writing help nferences on drafts and editing advice. We engage any kind of writing and any kind of writing problem. Conferences are by appointment only. Evening appointments are also available in OASIS Third Place at Third College, Warren Apts, Muir College and at Third dorms. (For full range of services see the back of the current class schedule.) Call 534-2284 or come by USB 4010 to make an appointment. This service is available throughout the quarter. Sponsored by the OASIS Writing Center. Free.

10:00 am - On-Campus Interviewing Orientation. If you are interested in participating in the Career Services Center's on-campus interviewing program this quarter, it is mandatory that you attend one of these orientations before you interview. Career Services Center. Free.

11:00 am - Interviewing Skills Workshop. Do you need help in preparing for job interviews? Career Services Center will provide tips on the best ways to present your qualifications and what kind of interview questions t

12:00 pm — Committee Interview Orientation. Attend this session for advice on preparing for medical or dental school interviews. A must if you want to interview with the Health Sciences Advisory Committee. Career Services

1:30-4:00 pm - Drop-in advising hours: For help with career goals, job hunting, resume preparation or exploring professional or graduate school opportunities. No appointment necessary, just walk-in. Career Services Center. Free. admission to education programs and the credential process. Careers Services Center. Free.

8:00-4:00 pm — SIGI — System of Interactive Guidance and Information is a computer-run, career decisionmaking and planning program. Career Services Center

8:00-4:30 pm — The Language Program provides assistance to students whose first language is not English, and to those doing work in Spanish, French, Italian, German and other languages. A diagnostic test on written English as a second language is available on request. Call 534-2284 for more information. Location: USB 4010. Free. 8:00-4:30 pm - OASIS Writing Center offers free service for all UCSD students who need pre-writing help, conferences on drafts and editing advice. We engage any kind of writing and any kind of writing problem. Confe ences are by appointment only. Evening appointments are also available in OASIS Third Place at Third College, Warren Apts, Muir College and at Third dorms. (For full range of services see the back of the current class schedule.) Call 534-2284 or come by USB 4010 to make an appointment. This service is available throughout the quarter. Sponsored by the OASIS Writing Center. Free. 1:30-4:00 pm — Drop-in advising hours: For help with career goals, job hunting, resume preparation, etc. No

appointment necessary, just walk-in. Career Services 2:00 pm — Careers in Public Relations. Get tips from the pros on the opportunities in agency, corporate and non-profit Public Relations and how to get your first job. Career

1:00 pm — The Marketable Resume Workshop. Learn construct a state-of-the-art resume that will make you stand out from the crowd. Career Services Center.

1:30-4:00 pm — Drop-in advising hours: For help with career goals, job hunting, resume preparation, etc. No appointment necessary, just walk-in. Career Services

2:30 pm — Interviewing skills workshop. Do you need help in preparing for job interviews? Career Services Center will provide tips on the best ways to present your qualifications and what kind of interview questions to expect. Career Services Center. Free.

Super **Bowl**

Continued from page 13 suffering from a hemorrhaging femoral artery in one leg.

Johnson received the injury during the victory over Houston the week before, and is expected to play come Super Bowl time. This could be bad news for the Redskin defensive backs who had trouble containing Minnesota's explosive receiver Antony Carter during Sunday's outing against the Vikings.

For the Redskins to be victorious, their pass rush must keep pressure on Elway throughout the game. Led by defensive ends Mann and Manley and outside tackle Dave Butz, the Redskins were able to sack mobile Viking quarterback Wade Wilson eight times - one shy of the playoff record set by the San Francisco Forty-Niners in 1984.

The Redskins will have to try to get to Elway early and must keep him in the pocket because he is a very effective passer on the run.

Although Denver has a very potent offensive attack, their defense leaves much to be desired. The Orange Crush seemed to crumble right in front of Cleveland quarterback Bernie Kosar, who led his team to four consecutive touchdowns in the second



Denver should be worried after their lack-luster defensive performance, but Washington's offensive unit played just as poorly. Doug Williams had a pathetic showing against the Vikings, completing only 9 of 26 passes for 119 yards. At one point in the first half Williams completed only 1 of 12 passes and overthrew three receivers for possible touchdowns.

Although the Redskins can be given the edge in the running game with former Heisman Trophy winner George Rogers leading the way, the Broncos have a more balanced offensive attack and probably the best passer in professional football calling the plays. The incredible four-man and sometimes fiveman pass rush of the Redskins gives them the definite edge on defense.

The keys to victory for the Broncos will lie on the shoulders of John Elway and his ability to get the ball into the hands of Johnson, Jackson, and Nattiel. The Denver defense must also play much better and slow down the rushing attack of the Redskins.

For Washington, they must keep the score low and their defense must rise to the occasion. If Darrel Green, who had to take a pain killer before the game against Minnesota, can get healthy by game time, his blazing speed in the defensive back field could make it a long day for the Three Amigos' and John Elway.

If the Redskins can control the line of scrimmage and contain John Elway, the New York Giants' Hulmes puts it best by saying, "The team with the best defense wins the Super Bowl, and that will be the Washington Redskins."



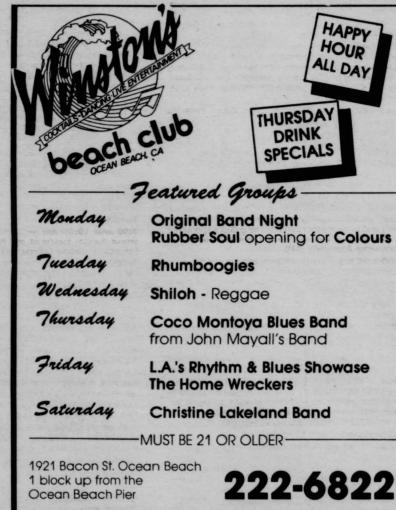


Call the College Line

619 535-1379

Private & Student Insurance





For Truly

Traditional

Featuring:

Breaded Steaks

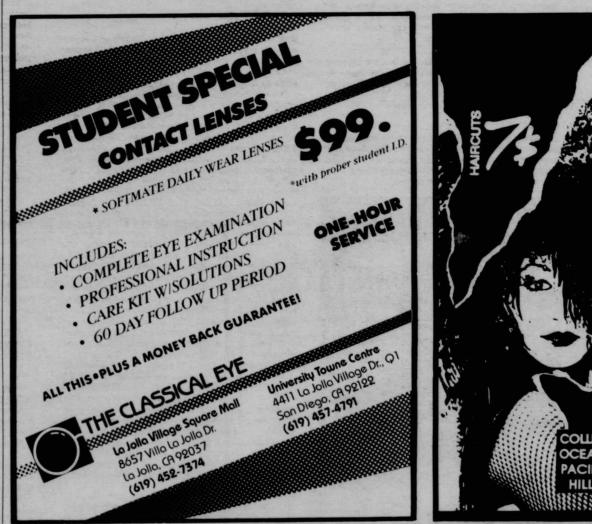
Combination Plates

HAPPY HOUR 4-6

455-1017

Beer and Wine

Large Margaritas





CLA She USD Guardian EDS

Announcements

Friendship building through open, honest and intentional communication. Supportive confrontation resolves inner conflict and fosters personal growth. Priceless free rap group seeks participants. 581-1310. (6/9)

Want to find out more about Greek & sorority life? AOII is having Informal Rush right now. Come & see what we're all about. For more info -contact Joycee: 453-4810. We're the ALPHAS and we are proud! (1/25)

UCSD Cricket Club practice on Saturday at 9:30 am. All welcome. Phone 452-5870 for details. (1/28)

Want to join a sorority but don't enjoy formal rush? AOII is having informal rush, an easy, fun way to meet the girls. Call Joycee for more info (453-4810.) (1/25)

Renaissance Faire organizational meeting. Revelle Res. Dean's 1/26, 5:30 pm. Everyone welcome. ?s -534-3025. [1/25]

Remember the friends you make in college are the ones you keep for the rest of your life. So make some great friends by meeting the girls of AOII in their informal rush. It's fun and worthwhile. For more information contact Joycee at 453-4810. (1/25)

CITIZENS FOR LIMITED GROWTH Invites submission of papers on scientific, social, and medical justifications for limiting urban growth. 750-1500 words. \$100 for every piece accepted, plus other monetary incentives. Before beginning, contact: Joseph J. Bookstein, M.D., (619) 543-6607 or 454-3211 for guidelines and further information. (1/25)

Triton Football -Meeting Tuesday at 6 pm in HSS 2333. All potential players and those wishing to get more information should attend. We will discuss the future football program at UCSD. (1/25)

Start your day off right with the Commuter Breakfast, Wed., Jan. 27, 7:30-8:30 am, Commuter Lounge. 504. (1/25)

Attention Revelle Seniors: Student Speakers applications are available now in the Revelle Dean's Office, take advantage of your opportunity to be heard. Deadline for applications is February 26th. (1/28)

Attention Warren CommutersII This week's all you can eat continental breakfast will be held on Jan. 28 from 7:30-9:30 am in the Warren Provost Conference Room. Special guest T.B.A... Only 50¢III (1/25)

Dare to want more. Mazatlan is the place to make history. Straight week of partying. Call 587-9456. (1/28)

Deadline to apply for a summer internship outside of California is Fri., Jan. 29. All applications must be turned in to the ASIO office by 4 pm. We do help students with costsll (1/28)

Warren Commuters: Don't miss the next meeting of the Warren Commuter Board on Thursday 1/28 at 12 in the Warren Provost Conference Room. (1/25)

Students from the east coast are eligible for the summer Yankee Internship Program. Interns will work on preservation projects and receive a \$2500 stipend. Contact ASIO for more info in the Student Center. (1/28)

Deadline to apply for a Spring Internship in San Diego is Friday, Jan. 29. All resumes & applications are due in the ASIO office by 4 pm. (1/28)

3rd Annual Warren Commuter Trip to Rosarita Beach! \$15.00 pays for transportation and hotel Feb. 13 and 14. Sign up at Warren Provost office by Feb. 3. Limited space available. Pay when signing up. (1/28) Lunar & Planetary Institute in Houston is looking for summer interns to assist in research. Pay is \$225/week and assistance with travel costs. For more info. contact ASIO in the Student Center. (1/28)

The Undergrad Political Science Assoc presents Dr. Roger Sabbadini to speak on international relations, arms negotiations, & grass roots. Tues. Jan. 26 at 6 pm at the Student Center Bldg. R Conf. Room. (1/25)

Are you color blind? Volunteers with color deficiencies wanted for vision experiments. Earn \$5.00 per hour. Call Ethan 534-2999, Dept. of Psychology for more info. (2/4)

Services

Word processing — reports, theses, equations, resumes etc. laser printer — Student rates. 484-5996. (6/30)

Word Processing -reports, thesis, equations, resumes, etc. Laser printer. Student rates. 484-5996. [1/28]

WORD PROCESSING: \$1.75/pg. Fast. Pickup/Delivery. Student disc. Andy Laurence, 535-0209. (3/10)

Typing, word processing, editing, student rates, professional product. Call for appointment -454-6860. (3/10)

TYPING-Theses, Ph.Ds, M.A.s, Term. All formats. Rush jobs-MARIE 931-9596. (3/10)

THE BIOTECH BOOK is a current list of biotech firms in San Diego available at Butler and Mayes books, La Jolla Village Square 450-1698 or by mail 573-0910 (Lee). (3/10)

Triton Football -Meeting Tuesday at 6 pm in HSS 2333. All potential players and those wanting to get more information should attend. We will discuss the future football program at UCSD. (1/25)

TUTORING Math, Physics, Chemistry, Engineering, and Computer classes. Call Mark 221-7176. [1/28]

SURFBOARD REPAIR: dings, cracks, fins and reconstruction. Leave msg. for Tom at 457-4345. OWIK-FIX surfboard repair. (2/16)

Papers typed fast, accurate. \$1/pg. dble. sp. Call Fran after 6 pm weekdays, anytime weekends. 275-4779. (2/1)

THE BEST Word Processing Service. Fast, accurate. Specialize in academics. Free delivery. 931-9825. (2/4)

Wanted

Campus rep. wanted for Greek sportswear company. Will call on fraternities, sororities, and clubs. Good commission for fun work. Call Dave at Promotion Club 818-994-9159 for more information. (1/25)

Helpl I need Grateful Dead tickets for Oakland, Feb. 13, 14. Ask for Matt 455-9715. (1/28)

Personal care assistance needed for 30 yr-old disabled man. Part-time work for rent & salary, hrs. flexible. I drive to school Mon. through Thurs. so I can provide trans. Ask for Louis at 466-1393. (1/28)

Earn \$22.00 per week. Plasma donors needed. Study while you donate. Call Essential Bio 226-1733. (2/16)

Rapidly growing business seeks dynamic, well-groomed, responsible salespeople to sell roses at businesses. Exciting environment. Flex. hrs. Must be 21 and have car. \$7-10/hr + bonuses. Kathy, 574-0478. (1/28)

Administrative Assistant -Part-time or fulltime. 10 minutes from school. Clerical, telephone, typing. Several positions open. Call Mr. Fallon. 560-2997. (1/28)

Wanted: Bassist and drummer who can groove for original band. Influences; R&B, blues, funk, latin, fusion. Call Kevin, 453-8558. (1/28)

Bookkeeper -Administrative secretary needed nowl Min. 20 hours per week, hours and days flexible. Organization and computer skills are desirable. Pacific Beach bay front. Location excellent. Salary. 274-1344. (1/28)

Childcare wanted for 2½ yrs. girl on Tues. mornings. Call 755-6172. (2/4)

Are you looking to make extra pocket money? CATTCO INC introduced Europe's leading fashion catalogue to your University. We are looking for highly motivated students for marketing. Flexible working hours. For more information, call toll-free 1-800-TRADE-20. [2/8]

Rapidly growing business seeks dynamic, well-groomed, responsible salespeople to sell roses at businesses. Exciting environment. Flex. hrs. must be 21 and have car. \$7-10/hr +bonuses. Kathy 574-0478. [1/28]

Telemarketing. Be a part of the magic. Join the La Jolla Playhouse telemarketing staff. Flexible hours. Contact Mary Smith between 10am - 4 pm 534-6760. [1/28]

GET PAID TO TALK: Work for the UCSD FUNDRAISING CAMPAIGN as a Telemarketing Representative. Earn \$5.50-10.00 per hour contacting our alumni. Flexible evening hours in our on campus office. Call 587-1589 for more information. (1/28)

For Sale

Oxford english dict. 85 2 volumes can Joe 457-0573. (1/25)

VW Jetta Gli Alloy rims, give your car better handling +100 ks w/a set of these GTi/GLi rims. 546-8458. (1/28)

150 best sellers \$5.00 each call Joe 457-0573. (1/25)

Oil paintings summer winter fall scenes \$100 & up call Joe 457-0573. (1/25)

178 leather bound books classics best sellers \$30 each or group price call Joe 457-0573. (1/28)

Honda Spree scooter great cond. '84 300.00 or b.o. 453-6701. (1/25)

69Bug. 15K on new German engine. New tires, brakes. Rare auto—stick. Alpine stereo. \$2550 obo. Bill 274-8004. (1/25)

68 MGBGT. Pioneer sound. \$1900. Call 452-9680 evenings. (1/25)

VW sqrback wgn 1971 mint w/sunrf & rack. FM-cas radials, cloth seats hitch. Ask \$2300, 273-5646. (1/25)
Ski boots. Caber ladies 7-7½. Raichle-

men's 12. \$35 & \$45. Good cond. Matt 455-9881. (1/25)

Apple IIC computer. Apple monitor,

stand, 2nd disk drive, cables, carrying case, software. Used twice. Must sell \$675. Matt 455-9881 or leave message. (1/25)

Mint condition 7vw superbeetle 1½ year old engine. New alternator, regulator, carburetor, brakes, good tires & stereo. Great body. \$2,500 or b.o. 696-1558 6 pm-10 pm. (2/4)

77 MG midget. Nu rebuilt eng., stereo, \$850 it's yours. 425-1541. (1/28)

Beautiful glass end tables \$50 each. Call 457-0573 Joe. (1/25)

Marble imported table from Rome. Dining

or office classy call Joe 457-0573. (1/25)

Stereo speakers, DWD 2-way 12", 45 watts, pair \$75 or best offer. 453-8474. (1/25)

U.S. Robotics/Password modern, macterminal software, cable for macplus system. \$275 or 7 Earl 270-7695. (1/25)

Moped -Honda Express. Cable lock and tire pump included. \$125 call 546-8098. (1/25)

VW squback wgn 1971 mint w/sunrf & rack. FM-cas radials cloth seats hitch ask \$2300, 273-5646. (1/25)

69 bug. 15k on new german engine. New tires, brakes. Rare auto -stick. Alpine stereo. \$2550 obo. Bill 274-8004. (1/25)

'65 Volkswagen bug has problemos, but could be that fixer upper. Radio works, \$225 Earl 270-7695. (1/25)

1982 mazda GLC white h/back, auto, A/C, 67K, new tires, good condition, must sell. \$2,800 obo call Carol. Days 455-9100 x2860, evenings 275-3573. (1/28)

Wood kitchen table 4 sale. Call and make me an offer 792-0622. (1/28)

Honda 450 nighthawk '85. UC-parking permit, like new. Only \$1000 call Steve 453-9873. (2/8)

Computer C-64 with color graphics. Color monitor, disk drive, modem, NLQ printer 400 obo. 530-1580 Susan. (1/28)

IBM typewriter. Electric, older model \$50 obo. 530-1580 Susan. (1/28)

Personals

Mr. Nissan — I love you. — Destructo

Shel—it's been the absolute greatest living w/you! I'll miss you! Love, S.

Don C.—The Institute wouldn't be the same without you—Whitewash

Speak Spanish. Cuernavaco Language School, the place to learn it. Five hours each day. Cultural activities, field trips and excursions. Family living. Apdo 4-254-62430 Cuernavaca, Mexico. (73) 15-46-43. (6/9)

Start off this quarter right—Rush AOIIII We're the oldest sorority of UCSD. Find out why we're also the best! For more info-contact Joycee at 453-4810. Be part of the UCSD Greek tradition! (1/25)

Muir College is now accepting applications from academically qualified students to assist with Freshman and Transfer Student Orientation and Registration during June and July. Obtain a referral at part-time employment and bring it to the Muir Provost's Office - 2126 HSS. Deadline: 2/8/88. (2/8)

Beat the winter blues. Come meet the girls of AOII during informal rush. It's easy, painless, fun and can lead to great things. For more info, call Joycee at 453-4810. (1/25)

Informal rush is a more relaxed way to get to know a sorority and AOII is doing it now. Contact Joycee at 453-4810. (1/25)

Triton Football -Meeting Tuesday at 6 pm in HSS 2333. All potential players and those wishing to get more information should attend. We will discuss the future football program at UCSD. (1/25)

Photo Opportunity: Picture yourself in color standing before a captive audience as Revelle's student commencement speaker. Just think of the smiles on mom and dad's face... probably good for a nice gift, maybe even some \$I Hurry apply in the Revelle Dean's Office before February 26th at 4:30 pm. (1/28)

Resume Inflation Opportunity: Apply in the Revelle Dean's Office to be the student speaker at commencement... you must be a graduating senior. Deadline February 26th, 4:30 pm. (1/28) Pub-1/15- Thine eyes inspired my pen, your voice echoes within my head, the few words you spoke to me, my appetite they fed. Mike RSVP. (1/25)

Brian need'em Snappy Wan-Tons. (1/25)

D. -Me. . ? You! Thanks so much for everything (I), that's a great deal!! - yourvff. (1/25)

Warren Commuters say: "No funds, no facilities, but our programs are still better than Muir Commuters." (1/25)

Warren Commuter Board meeting this Thursday at 12 in the Warren Provost's Conference Room. (1/25)

Hey Biff, are you going to Warren's Commuter Breakfast this Thursday, Jan. 28th from 7:30-9:30 am? Yea man, it's an all you can eat continental breakfast for only 50¢ at the Warren Provost's Conf. Rm.!! (1/25)

Ate -You'll always be the one. (1/25)

Last chance before you're denied the best Spring Break ever. The place -Mazatlan, call 587-9456 today. (1/28)

MF -Thanks for all your love and support these past few weeks. You're the greatest!! Love, Nifer. (1/25)

Yo Bro, happy 22ndl Hope this year is better than last -M. (1/25)

better than last -M. (1/25) Someone who knows too much: leave our

personal life to ourselves! Kit & Erik. (1/25) Rosarital Warren Commuters join in the fun on a weekend excursion Feb. 13 and 14. Bus and hotel provided. Bring your \$15 to the Warren Dean's Office by Feb. 3 to

reserve your space. (1/28)
The Undergrad Political Science Assoc. presents Dr. Roger Sabbadini to speak on international relations, arms negotiations, & grass roots. Tues. Jan. 26 at 6 pm at the Student Center Bldg. B Conf. Room. (1/25)

Housing

Roommate needed by 2/1. Hillcrest 10 minute walk to campus shuttle. Share large 2 bedroom apartment with 1 male undergrad. You pay \$287.50 +1/2 utilities. Call Joe at 296-4639. (1/25)

Condo for rent -La Jolla Colony, 2 bdrms, w/d, micro-oven, jacuzzi, pool, 690-5147. (1/25)

Fml Rmmate wntd to share room in new La Jolla Colony Condo: Pool, spa, wshr/dryer —Only 238/mo. 546-9802. (1/28)

Nonsmoker M/F La Jolla Colony \$350 mon. $+^{1}/^{3}$ utilities +sec. deposit. Avail. Feb. 1-June. All amenities. 546-1844. (1/25)

Spring quarter sublet-2 bdrm, 2 bath, ocean view, Del Mar apt. \$400/mo util incl. 259-7562 or 534-5677. (1/25)

Spring quarter sublet -2 bdrm, 2 bath, ocean view, Del Mar apt. \$400/mo util incl. 259-7562 or 534-5677. (1/25)

Own room. F, nonsmkr, pool, jac, dishwsh, wsher-dryer, near UCSD, \$325. 535-9034. (2/1)

Male roommate wanted -walking distance

to UCSD in La Jolla Terrace on Gilman Dr. Condo, nonsmoker, pool, jacuzzi, washer-/dryer, furnished. Only \$279/month. Call Mark or Ian at 546-8785. (1/31) Nonsmoking roommate wanted to share bedroom in lux. 2 br. 2 ba apt. 10 minutes

bedroom in lux. 2 br. 2 ba apt. 10 minutes drive to school, walking distance to bus stop stores pool jacuzzi microwave dishwasher 200/mo+util+100 deposit. Avail. now 455-6293. (2/4)

Rmmates wanted (1 to 4 persons), furnished, H20 included, prkg. avl, \$300/mo +util, Solana Beach, call Donna 488-0121 asap. (1/28)





