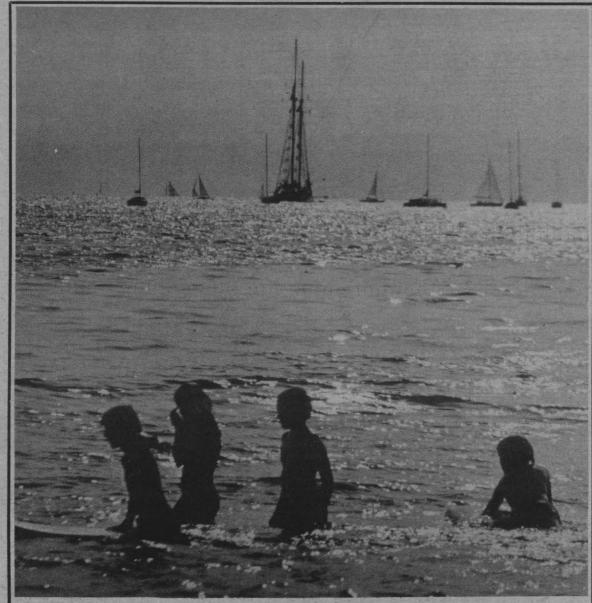


**Two Sections, 16 Pages** 



As winter approaches, the days and nights get colder. Only kids are courageous enough to venture into the nippy water.

## Board of Supervisors Approves Royal Gate as Residential Area

By TOM THURLOW Nexus Staff Writer

Vol. 62, No. 20

The Santa Barbara County Board of Supervisors decided to allow the Royal Gate subdivision to be developed for residential use, instead of the semi-agricultural utilization included in the master development plan.

The board voted four to one in favor of an alternative proposal drawn up by the Department of Resource Management, which would designate the land as a planned development with a maximum density of 75 dwelling units.

The area involved is 375 acres



## Parker Complex Permit Approved

#### By SHELLY LORANGER Nexus Staff writer

The California State Coastal Commission voted last week in favor of a plan to construct the Fess Parker Hotel and Convention Center north of Cabrillo Boulevard between Punta Gorda and Santa Barbara streets.

Approved unanimously, with conditions, by the State Senate Rules Committee, the Speaker of the Assembly and the CSCC staff, the construction of the center will include a 360 room hotel, convention center and conference center with a capacity for 1,000 people.

In 1976 the Parker group brought its plan to the Senate Coastal Commission and was told that it must be approved by the city before submission to the Coastal Commission. The city approved the Parker project in July, 1981, after considerable downscoping and compliance with many city conditions.

Last January, the State Coastal Commission certified the City of Santa Barbara's Land Use Plan (LUP) of the Local Coastal Program. The Parker group was required to adhere to the LUP which outlines policies relating specifically to the development on the project site and also contains policies concerning the general waterfront area.

The entire Parker project consists of a coastal development permit subdividing 31.499 acres. Parcel A, the hotel-convention center, will have a restaurant, bar, parking spaces, tennis courts, public and private open spaces, plazas, a related on-street roadway, and intersection improvements and traffic signals.

Parcels B and C, 5.178 acres and 2.765 acres respectively, are not considered for development in the existing plan, but the submittal of a specific plan for the entire 31.499 acre site has been required by the city.

Thus, parcels B and C will be used for "visitor-serving commercial uses and residential uses", according to the commisson.

A permit for the proposed development of the Parker project was granted by the commission on the grounds that certain conditions conforming to the provisions of Chapter 3 of the Coastal Act, and will not have any significant adverse impacts on the environment within the meaning of the California Environmental Quality Act," the Preliminary Staff Recommendation stated.

The permit was subject to extensive conditions involving total area developed for commercial and parking uses, public recreational space, residential units constructed on parcels B and C, and the possible building of a youth hostel.

Although the construction of a hotel-convention center "will drastically change the waterfront area, it is not a new idea," Jim Ryerson, the Coastal Commission District Director said.

## Military Funds Aid Key UCSB Science Study

#### By MICHAEL MARSH Nexus Staff Writer

Grants totalling \$2,588,992 were made by the United States Navy, Army, and Air Force between July 1, 1980 and June 30, 1981 to fund 24 research projects at UCSB. This is comparable to the \$1,257,401 awarded by the armed forces for 19 UCSB projects during the previous fiscal year.

The Army was the smallest contributor, allotting \$55,060 for three research projects. This represents a reduction of 4 percent from the amount awarded last year. The types of research funded by the Army include chemical studies, and electrical and computer engineering work.

Contributing \$447,313, the Air Force increased its funding to UCSB by 42 percent from the previous year. Air Force money went to eight projects on campus which include computer technology studies, chemical work and research in mathematical methods.

The largest contributor to university research was the Navy, which funded 13 projects for a total of \$1,056,619, an increase of 19

located at the intersection of the San Marcos Pass and Foothill roads.

Under the new plan, the 75 housing units would be clustered in groups over the subdivision. The low density nature of the housing was chosen to protect any existing archeological sites, vegetation, and to help maintain a stable soil base.

The plan as approved represents a major alteration of the original alternative proposal. According to the proposal as submitted, 88 acres would have been available for use in constructing the 264 unit residences, with an additional 36 units spread over another 118 acres.

Under the direction of Supervisor Robert Kallman, from the Second District, the proposal was amended to resemble the initial plan, submitted at last weeks meeting. Under Kallman's compromise, the density of the overall housing-acreage ratio would not exceed one unit per five acres.

The motion, seconded by Supervisor Bill Wallace of the Third District, was designed to minimize traffic levels and water demands, while continuing to



The Santa Barbara County Board of Supervisors are, from left to right, Harrell Fletcher, DeWayne Holmdahl, Bill Wallace, Robert Kallman and David Yager. Yesterday the supervisors discussed the Royal Gate housing development.

protect the environmental and scenic impact on the area.

The compromised version of the plan contiued to receive opposition from Supervisor DeWayne Holmdahl, from the fourth district. Holmdahl finally voted against the proposal.

Holmdahl opposed the plan on the basis that such large amounts of land were being excluded from development in the face of the severe housing shortage afflicting the Santa Barbara area.

"There is a need for housing. And to me, if a developer comes in and is partial to 75 homes on a development, I could never use the criteria need for housing for five acre estates, or five acres per homeowner. I think it is a waste of land, a waste of water and a waste of time and energy,"said Holmdahl. "I could never support it."

Wallace was optimistic about the

(Please turn to p.9, col.5)

were met. The development will conform "with the provisions of Chapter 3 of the California Coastal Act of 1976, will not prejudice the ability of the local government having jurisdiction over the area to prepare a Local Coastal Program percent. Some of the projects the Navy has provided funds for are studies dealing with oceanography, geography, radar use and laser technology.

One of the projects funded by the

(Please turn to p.10, col.6)

## Lack of Financing May Force Closure of Legal Aid Services

Free legal agencies, such as the local Channel Counties Legal Services, are being forced to shut down all over the country as congressmen in Washington debate this month on 1982 budget allocations for free legal services nationwide.

Federal monies are allocated to local agencies under the Legal Services Corporation, funded by Congress. CCLS, one agency that receives such funding, provides free legal assistance, in civil cases, to any person whose income falls below the poverty level.

Under the present planned federal budget, legal services are being omitted, but because of protests from concerned congressmen, judges, and citizens, inclusion is now being reconsidered.

According to Congressman Robert Lagomarsino's (R-Santa Barbara) Legislative Assistant Kimberly Brent, legal services were put into a new block grant program rather than in the Legal Services Corporation.

"The president is not reauthorizing the corporation," she said.

Reasons for not renewing authorization are numerous but Brent pointed out that charges of illegal lobbying by various branches of the corporation played an important part in the decision.

Opposition to the cut however, has forced the House of Representatives to compromise the president's policy.

"The House and Senate have both introduced bills to reauthorize the corporation. The House bill provides for \$241 million but the Senate bill would only provide \$100 million, so a compromise will probably be allocated," Brent said.

However, with the allocation bills "the House set restrictions on LSC activities because of public objections to the way public funds were being spent,"she added.

(Please turn to p.10, col.3)

## headliners

#### STATE

SAN DIEGO- The first black president of the State Bar of California said providing free legal services to the needy should be "a routine part of being a lawyer." Samuel Williams, who was sworn in Sunday, pledged his 72,000member organization will play "a more aggressive role" in providing legal services to the lower and middleincome classes.

SACRAMENTO- Governor Brown warned yesterday of "serious fiscal problems brought on by the current economic downtow and by uncontrollable increases in state spending." Brown said that the state faces nearly \$1.5 billion in program cuts, adding that the state "has reached the end of the line in budget surplusses. There simply is no money left anymore to take up the slack from federal cuts.

SAN DIEGO-Maureen Reagan is urging women to make political use of their Christmas card lists and club rosters in order to develop a networking of contacts for themselves and fellow women. "American women have done more than any other Americans to improve the quality of life, and we deserve the credit for it," asserted the President's daughter in a speech Sunday to the Lawyer's Wives of California.

PALO ALTO- State supreme courts continue to be "rather conservative" in style, four legal scholars said in a recently published Stanford Law Review article. Their findings were based on an analysis of decisions in 16 states over a 100-year period ending in 1970. The study used 21 sample years, drawing on 18 cases each of those years. The authors concluded saying that judges cling to a 19th Century style, departing from it "as little as they can, and only when they must."

## NAION

GEORGIA- President Reagan has launched "a war on the poor" with new welfare policies that will cause more suffering in the South than any federal action this century, a non-profit research group charged yesterday. Forty percent of Southern recipients of Aid to Families with Dependent Children will be cut from the rolls by mid-1982 and 20 percent more will have their benefits slashed if all of Reagan's proposals to alter the nation's welfare system are adopted, according to a report released by the Atlanta-based Southern Regional Council. The council was formed in the 1940's to work for equal opportunity in the South.

FLORIDA-- A leak of highly poisonous fumes at the space shuttle's launch pad stalled a weekend propellant filtering operation, but it should not endanger the November fourth launch date, Kennedy Space Center officials said. No injuries were reported, but 140 workers were evacuated from the launch pad, according to spokesperson Dick Young. The filtering eliminates iron contamination in the spaceship's propellant and a buildup of iron nitrate broke a seal in a valve spilling nitrogen tetroxide down the side of the Columbia.

WASHINGTON- The Energy Department is planning a multimillion-dollar public relatons blitz to win support for Reagan administration policies favoring nuclear power, a House subcommittee chair said yesterday. Represenative Richard Ottinger called the plan "a blatant propaganda campaign for the nuclear power industry that will cost the American taxpayers millions of dollars." He added that he will ask department officials to justify the expenditure at a hearing before his subcommittee. "This plan comes from the very department that won't spend any more money to tell people how to cut their fuel bills by conserving energy," said Ottinger.

## WORLD

MOSCOW— The Soviet Union yesterday stepped up its charges of U.S. "interference" in Egyptian internal affairs following Sadat's assassination, claiming Washington was pursuing a "perilous policy" in its plans for joint U.S.-Egyptian military maneuvers. Western analysts here said the Soviet government statement, which appeared in yesterday's TASS report, was aimed both at reminding the U.S. of Soviet interests in the region as well as at warning Egyptians of alleged U.S. plans for interference in their country.

CAIRO- The Egyptian government, in a new move against Moslem fundamentalists, has dismissed 18 army officers "because of their fanatic religious tendencies" and put them in civilian jobs, official sources announced yesterday. The source said the 18 were not under any further investigation, however.

LEBANON- President Anwar Sadat's Arab foes are observing a de facto cease-fire toward his successor, hoping he will pull back from the peace process with Israel and alliance with the United States. The Kuwaiti newspaper Al Qabas said President-designate Hoshni Mubarak "will begin his reign with his ability to be fresh and unsoiled and his ability to shake off the reponsibility for the mistakes and provocations of his predecessor. However, another Beirut newspaper said, "Arabs have no alternative to Camp David to offer Egypt."

ISRAEL - After some hesitation, Israel has decided to plunge ahead in its peace with Egypt. Some problems remain, however, principally the issue of Palestinian autonomy. Menachem Begin's cabinet reached a unanimous decision Sunday to continue negotiations with Egypt, barring any shocking disturbances.

WEATHER Fair through today with a continuing cooling trend. Highs today in the upper-60's. Ovenight lows in the mid-to upper-40's.



#### TODAY

**COALITION TO STOP THE DRAFT: Meeting to plan Fall** Conference, update on El Salvador, 7 p.m., UCen 2253.

WOMEN'S CENTER/GSA: Graduate Women's Dinner Potluck, "How to Survive as a Graduate Woman," 7-9 p.m., Women's Ctr.

FAMILY PLANNING AWARENESS PROJECT: "Sexual Learning: Fantasy & Fact," free public lecture, 5:30 p.m., SHS Conference Rm.

WINDSURFING CLUB: Meeting, finalizing Oct. 17, 18 Lake Lopez trip; come even if you've never windsurfed, we'll teach you, 7 p.m., Phelps 1416.

TENNIS CLUB: Important meeting. Be there! 7:30 p.m., Girvetz 1108

SCUBA CLUB: 1st meeting, anyone interested, slide show, 6 p.m., Psych. 1824.

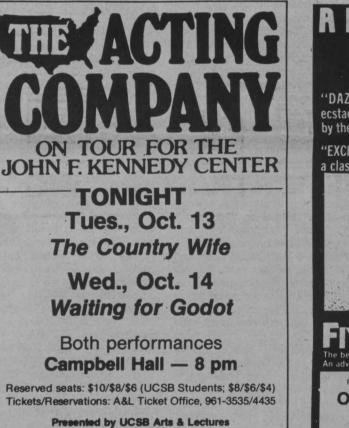
SAILING TEAM: Meeting, 6 p.m., UCen 2272.

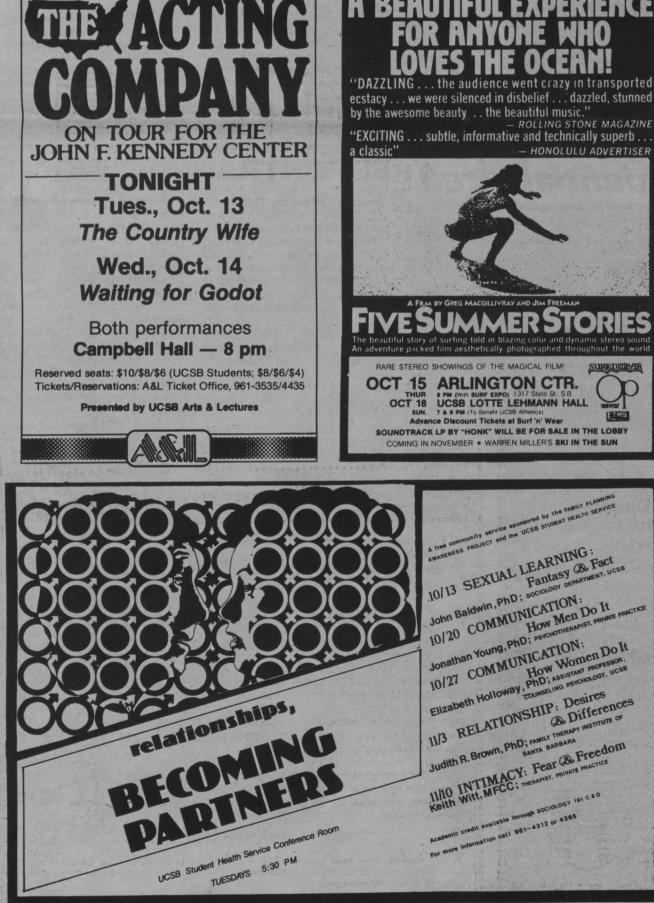
STUDENTS PRO-LIFE: Organizational meeting, 7 p.m., **UCen 2292** 

MUSIC DEPT.: Music Bowl Program featuring the S.B. Symphony Brass Quintet, noon to 1 p.m., Music Bowl.

ECKANKAR SATSANG SOCIETY: The ancient science of soul travel: lecture on the different aspects of consciousness, 8 p.m., UCen 2272.

A.S. PROGRAM BOARD: All wishing to get involved, attend this meeting, noon, UCen 2292.







ailvNexus

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Cathy Bowman Editorials Editor Eve Dutton County Editor	Greg Harris Photo Editor	Lisa Leff Campus Editor Ron Dicker Sports Editor

W-AFTERFARMENTEDITETTET

Tuesday, October 13, 1981 3

## Services For Handicapped To Continue in Face of Cuts

**By GEOFF PLATT Nexus Staff Writer** 

precarious nature of their functioning in society level as public awareness. funding sources, the through counseling, and organizations serving Santa Barbara's 58,000 disabled people continue providing oppurtunities for the han-

## Woman Dies Saturday **On Campus**

A 22-year old UCSB woman was found dead in her room at San Nicholas dorm Saturday morning.

Preliminary autopsy reports revealed that Meredith Katherine Hosking of Bakersfield died of natural causes. Although no signs of foul play or traces of alcohol were found in her body, Hosking had had a history of kidney trouble. The actual cause of Hosking's death is pending until an investigation can be completed next week.

Hosking was found by her roomate who had seen her only 15 minutes before. Campus police responded to the call at 12:11 a.m. Saturday and promptly began administering Car-Pulmonary diac Resuscitation to the victim. No vital signs were evident at this time, and communication was established with Goleta Valley Hospital. Life-saving techniques were continued for 40 minutes under the guidance of a doctor, but efforts to revive Hosking proved un-successful. Hosking was pronounced dead on arrival at Goleta Valley Hospital.

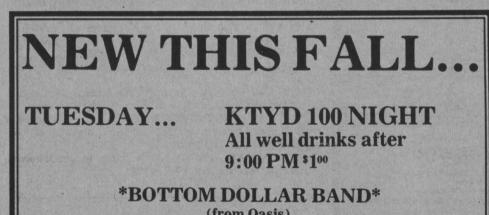
dicapped. These programs increases in the employment try to facilitate the han- of the disabled. Public ac-Despite the often dicapped person's normal ceptance is not at the same increasing public awareness and acceptance of the are trying to change. disabled and the special problems they face.

public awareness of the developed a training handicapped on a nationwide basis, the President's Committee for the Employment of the Handicapped has declared 1981 the "International Year of the Disabled," and this past week, "Hire the Handicapped Week."

Locally, the Los Angeles Comprehensive Rehabilitation Center helped sponsor a program declaring this month "Disability Awareness Month."

Despite such measures however, there does not appear to be any marked

> haircuts and perma complete hair/skin care needs In Isla Vista 956 Embarcadero del Norte By Appointment: 685:1209 or 685-4104 NEXUS



This inequality is what most handicapped aid programs

The Governor's Comroblems they face. mittee for the Employment In an effort to increase of the Handicapped has program open to employers, supervisors, and their employees who currently are or may become part of a working situation by employing handicapped people. According to Lydia Dee of the Independent Living Resource Center, the program is called "Windmills" because "it's tilting at the myths surrounding disability."

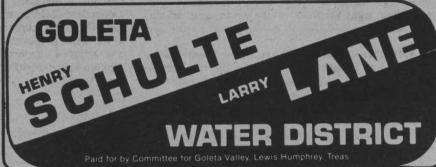
"The program is an attitude awareness exercise designed for groups of 20 or less,"explained Dee. "You (Please turn to p.9, col.5)



The Water Board is elected to plan for adequate water, not to plan water shortages. Let's take politics out of our water supply. Turn to SCHULTE/LANE, the Route to Good Water Management!



LARRY LANE **Retired Water Supt.** 



JACK SHAFFER AND THE A.S. PROGRAM BOARD PRESENT



FRIDAY OCTOBER 16th 7PM CAMPBELL HALL U.C.S.B.

JOHN DENSMORE, FORMER MEMBER OF THE DOORS. I HAD A GREAT TIME LISTENING TO STRANGE DAZE, THEY HAD EVERY LICK, EVERY DRUM BEAT DOWN. THE SINGER EVEN HAD SOME OF JIM'S RAP DOWN. EVERY NOTE WAS COPIED EXACTLY.

#### **RESERVED SEATING \$6.50**

THE A.S. TICKET OFFICE LOBERO BOX OFFICE TURNINGPOINT **MORNINGLORY MUSIC, I.V.** 



(Irom Uasis) The hand the f

#### WEDNESDAY... LADIES' NIGHT

**Strawberry Daquiris** and Margaritas after 9:00 PM 99¢ **No Cover for Ladies!** 

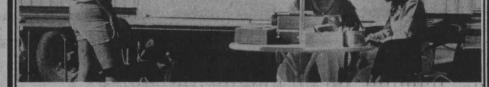
#### **\*REVERIE\***

THURSDAY... **STUDY HALL NIGHT** All students and faculty with current I.D. card **Admitted FREE! \*REVERIE\*** 

Hobey **Baker's** 

Food & Drink & Dancing





If your last name begins with letters M thru Z, have your free picture taken Oct. 12 thru 16.

Seniors, letters A thru L, if you missed your appointment last week see the receptionist for a possible new appointment.

BE SURE TO HAVE YOUR FREE PORTRAIT TAKEN ON YOUR SCHEDULED DAY. DELMA STUDIOS WILL BE ON CAMPUS THRU OCT. 16 FOR SENIORS ONLY.

There is NO charge to be photographed by professional photographer Tony Borrello in the Photomobile in front of the UCen. Hours: 8:30-1 and 2-5 p.m.

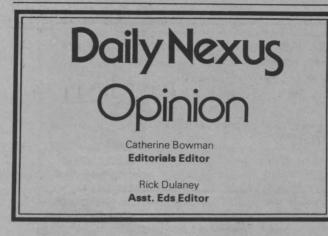
**UNDERCLASS STUDENTS WHO HAVE OR PLAN TO PURCHASE THE 1982 LA CUMBRE WILL BE TAKEN** FREE THE WEEK OF OCT. 19-23.

Buy your 464-page La Cumbre NOW\* from any staff member or come by Room 1053 Storke Tower Bldg., or \*use our special billing card on display in the UCen.



PLEASE KEEP YOUR APPOINTMENT DATE\*

If you cannot have your photo taken on the day specified as your personal appointment, come to the photo sessions any time during the regular hours listed. The photographer will reschedule you.



## **Bike Safety**

By the third week of school, most students have become accustomed to one of the unfortunate realities of life at UCSB: the terrors of the bike paths and the abundance of erratic and irresponsible bike riders. With enrollment at a peak of 14,486 (most of whom ride bikes), learning to avoid bike accidents and all-tooclose mishaps is becoming the key to survival.

Last year, there were more than 280 accidents on campus, a 35 percent increase over the number of accidents reported in the previous two years. According to a study conducted by UCSB Environmental Health and Safety technologist Jeff Chung, most accidents occur between 8 a.m. and 11 a.m. and 2 p.m. and 4 p.m. But other factors, such as the absence of bike lights at night, and the belief of some students that it's fun to ride in the unauthorized zones or on the pedestrian walkway, also contribute to the alarming number of accidents.

It is imperative that those who use the bike paths ride responsibly. Reckless disregard for safety will inevitably lead to stricter enforcement of the laws, resulting in the issuance of more tickets and increase the liklihood of fatal, tragic accidents. Unless, more caution is shown, the bikepaths may become real "death traps" for both bicyclists and pedestrians.

Tonight and tomorrow, the Campus Service Organization will be selling bike lights in front of the library from 7-9 p.m. We urge all bicyclists to purchase a light if they do not already own one. With midterms approaching, more students will be traveling to and from the library at night. If the bike laws areobeyed, UCSB will be a safer place for everyone.

## The Condor

Endangered species are a problem too often ignored by the average citizen. And despite concerted efforts by environmentalists, under the Watt administration the preservation of California's wildlife appears bleak.

The California condor is one of the most

#### LETTERS

in serious jeopardy.

viction?

to Falwell's

same rights!

on T.V., for example, why

not turn it off, or does the

fact that others might view it

somehow weaken his con-

Better yet, why not switch

Gospel Hour?" I'd wager

that show is far more of-

fensive to me than all the

"sex on T.V." is to Falwell,

yet I would never dream of

campaigning, boycotting,

direct-mail to deny his right

to broadcast. Accord me the

Finally, shouldn't we

avoid a prudish political-

fundamentalist condition

which uses law to deny

dissenters? Insecure con-

ditions such as this bring

about alarming apathy at

first, but Auschwitzes,

embassy hostages, and a

slain president in countries

where it is ignored too long.

**William Koseluk** 

Morality

Editor: Daily Nexus:

publishing

freedom of choice

"Old Time

to

## Drinking

Editor, Daily Nexus:

I was pleased to see Monday's article 'Responsible Drinking Promoted at UCSB," but would like to make a couple of minor corrections. First, although you correctly report that Associated Students funds the program, they are not that generous as to pay over a "\$15 registration fee from each UCSB student in order that it may continue." At around \$200,000 this would certainly help to make the program a success!

Second, although I do answer to almost any name I have a rather peculiar liking for my own, which is Claydon, not "Clayton."

Finally, in addition to Associated Students I would also point out that the Administration, particularly the Vice Chancellor, Dr. Ed Birch and Student Health Services Director, Dr. John Lawmann, have also contributed in many ways to help this cooperative effort from A.S. representatives and University officials which has resulted in a unique and positive approach to the problems of campus alcohol and drug abuse.

**Peter Claydon Alcohol Awareness Program** 

#### **Response**

**Editor Daily Nexus:** 

The article "Misconceptions of the Moral Majority" would have better read "Misconceptions of Martin Cothran." The Moral Majority is indeed a dangerous organization, not because of its beliefs (it has that right) but because it may eliminate others' right to a different morality. How has it done this? Wake up!

"Congressional Report Cards" sent by the Christian Voice of San Diego, the Moral Majority and its affiliates across the country were responsible for numerous recent political defeats. Direct-mailing from these organizations alone effectively earned millions of dollars to support latter 'politicians'' and their subsequent legislation.

The "danger" is just that: the laws that deny privacy, freedom or personal choice. Falwell may play by the "fair democratic System" (so did Hitler), but that never gives one the right over another's private affairs (no matter how "right" they feel about what "true morality" is). What would be violated? If proposed legisation is passed, such freedoms as the right to exist sexually "different," the freedom not to pray at school or hear others do so (not being Christian is my con-

opinions, as proven in Thursday's Nexus with Cothran's Moral Majority article. Let's keep it this stitutional right), freedom to way, beware Jerry Falwell! Thanks for calling me a enjoy pornography (not all is pro abortionist, sexually violent or demeaning to women, you know) and most permissive, non-religious importantly, freedom from gay feminist who is uncensorship, a First Amenconcerned about the quality of dment guarantee, would be decreasing American T.V. Why not pro-If Mr. Cothran dislikes sex Russian, too?

**Ralf Saalbach** 

## Compromise

Editor, Daily Nexus:

Obviously the controversy surrounding the Old Gym conversion into a computer facility is not going to be lightly passed over by the Student Associated Legislative Council or the UCSB faculty. On the one hand, proponents of continued volleyball and dance activities cite a broad need for increased physical fitness and recreation programs while the other side points to a drastic lack of computer terminals in the face of mounting use. What we all need is a good, oldfashioned compromise.

A recent visit to the computer consultation office at North Hall revealed that the UCSB computer is literally loaded with fun, action and adventure. Many students are already familiar with Adventure, a game similar to Dungeons Thank God (or rather and Dragons in which

someone else) for still players must find hidden having the freedom of treasures, slay dragons and different solve riddles. Unfortunately,

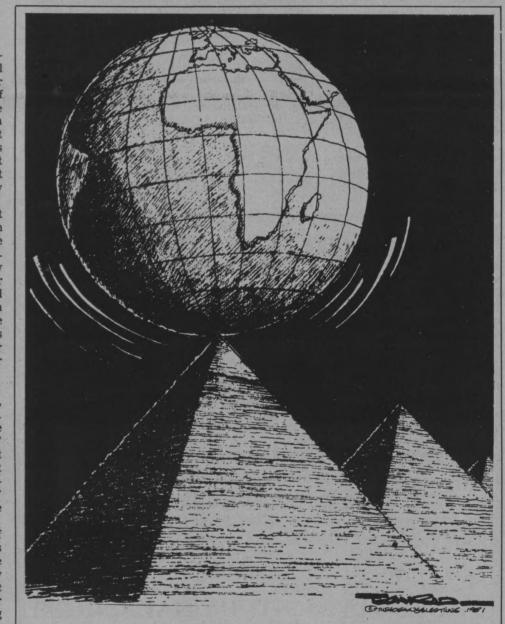
Adventure, which is programmed into the CMS system, is the only game available to students...other games exist, however.

The UNIX system holds an arm-length inventory of games and descriptions which, according to one computer consultant, are retrievable by only a handful of computer technicians. Among these are Motie (protect Earth from interstellar invaders), Gunner (fire a cannon at an enemy), Shark (devour helpless swimmers as they try to escape), Sinners (free sinners from Satan's fiends), Star Trek, Hangman...the list goes on and on.

For those who object to the games on the grounds that they do not provide adequate aerobic conditioning, I would suggest the use of special 'learning aids." Digital encoders could be retrofitted to the terminals and interfaced with electrodes such that a negative or wrong response during the course of gaming would manifest itself in the form of a mild, yet stimulating, electric shock to the player.

What I am proposing ... no, demanding, is that the UCSB Administration release the computer passwords for access to the UNIX games library in exchange for the Old Gym conversion. It is a fair compromise to both sides and could possibly bring together previouslyopposed groups in the spirit of healthy, electronic sportsmanship!

**Doug Bradley** 



#### **Daily Nexus**

endangered species in the state. One of the largest birds in the country, the condor population has declined steadily since 1966, due in part to the fact that females of the species lay only one egg every two years. Experts estimate that fewer than 30 condors are alive today.

Last month, the U.S. Fish and Wildlife Service received permission to trap California condors this season for captive breeding, radio telemetry, and other research purposes. We feel that this action is an important step towards preventing the extinction of a vital part of California wildlife.

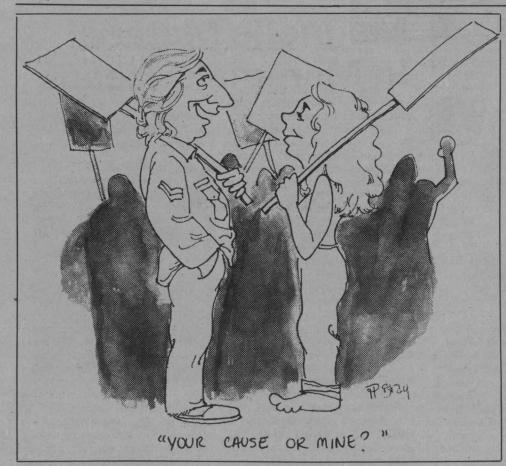
It is hoped that the U.S. Fish and Wildlife Service will exercise the utmost caution in handling and trapping the birds. Unless the birds can be successfully bred in captivity, the species could be extinct within the next decade.

The government has taken a large step toward allaying environmental fears, especially in light of recent anti-environmental positions taken by Secretary of the Interior James Watt. We hope that the Reagan administration continues to lend an ear to those concerned about the fate of the environment, and we encourage and support the federal and state agencies in their efforts to save the California condor.

#### DOONESBURY

#### by Garry Trudeau





## Joseph Kraft The Third China Problem

American presidents have had to deal with a two-China problem ever since 1949 when the Communists took over the mainland and the Nationalists retreated to Taiwan. Unto Ronald Reagan alone there has been given a three-China problem.

The third-China problem involves more than \$200,000 spent for 220 new place settings for the White House dining room. That purchase has come to symbolize ostentatious living by the rich in a period of belttightening for the poor. It thus poses an issue of fairness that turns out to be at least as tricky as the two-China problem.

Not because the general drift of policy is in doubt. The central thrust of the administration's economic program has been directed against social spending by government. Eligibility standards for welfare and food stamps have been tightened. The amount of federal money available to the states or Medicaid is being reduced. The public employment program has been virtually wiped out.

Blessings, conversely, have been showered on those with money. Keeping it in the family has been fostered by drastic cuts in estate and gift taxes. Taxes on unearned income have also been lowered. The new All-Savers Certificate works to the advantage of people whose incomes put them in the 30 percent tax bracket or above. While there may not have been a parade of millionaires at the White House, nobody doubts the limousine-and-fur crowd has replaced the Li'l Abner gang.

So blatant a tilt seems, at first glance, a supreme disability — a stance sure to affront the sense of fairness generally attributed to the American people. But a second glance reveals that, as a people, one of our true strengths has been a gritty willingness to accept inequality for the sake of efficiency and growth. A nice example comes from the case of a president now much in vogue — Theodore Roosevelt. trepreneurial action that worked to enrich the country as a whole, thus making possible, later on, a higher living standard for all Americans. As Michael Maccoby puts it in a forthcoming book, *The Leader*:

"Roosevelt, a successful if not ideal leader, appealed to greed, aggressiveness and grandiosity ... By giving those traits meaning in terms of patriotism and "manliness' he liberated them from guilt."

President Reagan, who admires T.R. and has been reading about him, may play the same role. He, too, has been liberating the rags-to-riches mob from feelings of guilt.

If so, I have no doubt that the general satisfaction will overwhelm the sense of unfairness about injustices done to the relative few who are now being made to suffer.

But there is reason to believe the Reagan formula is outmoded. Individual entrepreneurs may count for a lot in some sectors of the economy — high technology, for instance, and sho biz — but huge corporations run by professional managers dominate most of the nation's business. Despite lip service paid to enterprise, most of the managers are company men far more than buccaneers. Judging by their investment decisions, which are not gung ho, the professional managers do not share the Reagan vision of how the economy works.

If their skepticism prevails, the business activity will not soon take off. There will be a period of slow growth or stagnation. Tax revenues will drop, and expenditures for such cushions against the business cycle as unemployment insurance will rise. Thus the cycle of stagflation will be closed.

Politics, in those conditions, will turn sour with a vengeance.

#### Tuesday, October 13, 1981 5

## Stuart Pardau

## Fonda's Inspiration

I went to last week's rally at Storke Plaza not really knowing what to expect. There were two candidates running for office whom I knew nothing of, much less whose names I was able to pronounce. In addition, the topic of the day, water, seemed to me about as benign as the debate over whether or not A.S. should provide a note-taking service.

Without attempting to belittle the issue of water, the impetus behind my interest in the rally was the presence of that duo of activism, Tom Hayden and Jane Fonda. My feelings towards them were, to say the least, ambivalent.

Although I had never seen either of them in person before, I have vivid memories from my childhood of my father shouting angry remarks any time their faces came on television, with my older siblings rushing to their defense.

Rather than choosing sides (after all, deciding between your dad who took you to the Rams' games and your sister who bought you baseball cards is a tough decision for any seven year old), I decided it was much easier to remain ambivalent.

Once I arrived at the rally, I was surprised, albeit pleasantly, to see the many people in attendance. With the hedonism which pervades this campus, it becomes all too easy to believe that sex, drugs, and rock 'n roll are the only things that matter to people around here.

After both candidates spoke, Hayden was introduced. He was greeted enthusiastically with cheers and applause. It was intriguing to see the audience, most of whom were young children when Hayden was the champion of college students across the country, give him such a warm welcome.

Once Hayden began to speak, my feelings of ambivalence quickly reemerged. Here was a man, once denouncing the so called "Establishment", now speaking in a conservative suit and tie, looking very much

like a politician.

Here was a man, once denouncing the materialism a capitalist society promulgates, now owning not one, but two, homes in very desirable areas. I was confused. Should I define his metamorphosis as maturity or was he indeed "selling out"--or even worse, a hypocrite.

A few minutes later, Hayden introduced his wife. Fonda looked frail and very unassuming. I began to wonder if my time would hve been better spent eating lunch at the Dining Commons.

Then she began to speak. She spoke not of the water board, or of Diablo Canyon, or not even about those rotten corporations. She spoke about us. Us being the college students of today--the leaders of tomorrow.

She said that many call our generation "conservative." She said that many say we have no respect for many of the humanist concerns of our '60s counterparts. I grudgingly had no choice but to agree with her. But she did say there seems to be some kind of tacit concern about many vital issues which face us; the environment, and nuclear power, to name a few. Indeed, the very fact that so many people showed up last week has got to mean something.

Fonda also said not to give up fighting for your beliefs and above all, don't let that disease called cynicism afflict you. It's all too easy to say there is no way "I can do anything" and then say that the world stinks.

Those few minutes that she spoke were an inspiration to me. They gave me a sense of urgency to achieve the goals I have set for myself. It would be naive, of course, to suggest that I or anyone else can significantly make this a better place for all of us. But hey brother, you gotta start somewhere.

All I can say is thanks, Jane. You've kept the flame lit in me--and it's burning stronger than ever.



T.R., especially according to recent accounts, played a liberating role in our history. He unblocked springs of en-

In sum, the political die has already been cast. If the Reagan economic program yields good results, his presidency will prosper. If it fails, the burial ground is already laid out. Either way, the third-China problem is incidental.

(c) 1981, Los Angeles Times Syndicate

#### **Nicholas Von Hoffman**

## The American Way is Everybody's Way

Ronald Reagan isn't the only ex-actor to take up another vocation and go on to be a world figure. That is also John Paul II's personal history but there the similarity between pope and president ends.

Indeed, the gap between Reagan and John Paul is as large as that between Reagan and Brezhnev and it goes beyond the American government's supplying guns to El Salvador so that they may be turned on to John Paul's priests, nuns and bishops. The two are divided by utterly different views of men and society. The Vicar of Christ does not care to walk on the supply side.

In an hour when the American liberal left scuttles to the rear in backward falling confusion, the pope in Rome gives us a picture of the New Jerusalem unlike that nasty melange of dogma and theoretics, that bundle of fundamentalism and laissez-faire that we are coming to recognize as orthodox Reaganisms. The message in the pope's recently published encyclical, Laborem Exercens (On Human Work), is that human life and labor ought to be more than a brutish struggle for the largest return on invested capital.

Where liberals in Congress stand silent and accept the premises of Reaganism in hopes of deflecting David Stockman's axe as it comes chopping down on education or hot lunches for children, the pope rejects the first principles of the administration's politics.

Catholic social teaching rejects the primacy of homo economicus. It condemns the proposition that the sum total of self-interested acts, of calculated greed in the corporate board room and the free market, are the building blocks of social justice.

The popes have never been persuaded that Adam Smith's unseen hand deals from a fair deck or will distribute the cards so that all will at least have a little. For them, making the free market the central mechanism of society is an abdication of responsibility in favor of an unchecked and dangerous economic individualism.

... the right ordering of economic life cannot be left to a

free competition of forces," wrote Pope Leo XIII in 1890, for competition, "while justified and certainly useful provided it is kept within certain limits," has not worked when "this evil individualistic spirit" is put in practice.

Every time an administration figure appears before a congressional committee, he sings a song of praise for that evil individualistic spirit, for the free market mechanism which Leo insisted could not be substituted for "the intervention of a created intellect" in the running of a society's affairs.

John Paul II agrees. He calls putting the market in this central position "materialistic economism," which he explains is not "theoretical materialism in the full sense of the term, but it is certainly practical materialism, a materialism judged capable of satisfying man's needs not so much on the grounds of premises derived from materialistic theory as on the grounds of a particular way of evaluating things...on the greater attractiveness of what is material." Marxist materialism and capitalist materialism, John Paul will have neither.



Arthur G. Sylvester, professor and chairperson of geological sciences, left, is surrounded by area TV news and camera people as he responds to questions about the possible significance of increased levels of the gas radon reported in Southern California in well water and the ground. Sylvester has been measuring for four years the radon content in gases that constantly come out of the ground, and he is shown at one of the radon sensors he has set up in the Santa Barbara area. Sylvester's interest in this possible earthquake detection technique was prompted by Soviet and Chinese experience in using the gas. Sylvester's basic message is that it is too early to tell if changes in radon levels can be used to forecast earthquakes. The  $\frac{3}{2}$ latest surge of popular interest in radon came after an article last Thursday by science writer George Alexander in the Los Angeles Times. Sylvester's TV interview was fed to national cable TV as well as to CBS, where it was used on the Dan Rather evening news program. Standing at left in the picture is Kevin 💈 Riggs of KCOY, while kneeling in the foreground holding the microphone is Jeff Gianola of KEYT.

## Week's Programs Varied

#### **Claire Sterling** Here Tomorrow

Claire Sterling, author of The Terror Network: The Secret War of International Terrorism, will give a public lecture at Lotte Lehmann Hall tomorrow at 7:30 p.m. Her topic will be "The Network of Terror."

Sterling, an American foreign correspondent, worked in Italy for 30 years. She has reported on European, African, Middle Eastern and Southeast Asian affairs for The Atlantic, The New York Times Magazine, The Reporter, Life, Harper's and The New Republic.

She will be at UCSB as first speaker in the series "Intelligence and Surveillance in an Age of Terror," being sponsored by the Hutchins Center for the Study of Democratic Institutions and cosponsored by Arts and Lectures.

Sterling's book is the result of exhaustive research which stretched over 10 countries on four continents. She explores the roots of terrorism from its beginnings in Cuba. She traces the ties between seemingly disparate terrorist groups that operated from Japan to Uruguay, but with concentrated and most profound impact in Western Europe.

Her thesis is that, while the Russians were not the instigators of worldwide terrorism, they were able to abet and aid international terrorism for their own advantage. Terrorist groups, she says, have sprung up all over the world independently. However, it wasn't until these groups made some kind of connection with the Soviets that they gained the sophistication and savvy for large scale atrocities.

#### Hutchins Center's Dialogue Thursday, Friday on El Salvador

El Salvador and American foreign policy will be the subject of the next intensive dialogue of the Hutchins Center for the Study of Democratic Institutions on Thursday and Friday.

Participating in the dialogue will be John Bushnell, a representative of the U.S. State Department; Carlos Vela, a Salvadoran in exile; Murat Williams, former U.S. ambassador to El Salvador; Father Wayne King, a Catholic priest from the Maryknoll order; Raymond Bonner, correspondent from the New York Times, and 15 others

A free public panel discussion, sponsored by the Hutchins Center and Arts and Lectures on "American Foreign Policy in El Salvador: Past, Present and Future," will be held at Campbell Hall on Thursday from 3-5 p.m. Bushnell and Williams will introduce the issues to the panel, which will respond to questions from the audience during the second hour.

The other three sessions of the dialogue will be held at the Hutchins Center. The first session, on Thursday from 9:30 a.m. to 12:30 p.m., will deal with the current situation in El Salvador. Bonner and Vela will lead this discussion.

On Friday from 9:30 a.m. to 12:30 p.m., there will be a session on 'Media Reporting and the Crisis in El Salvador." Bonner of the New York Times, Frank Del Omo of the Los Angeles Times, Alexander Drehsler, formerly with the San Diego Union, and Ralph McGehee, writer and former CIA agent, will lead this discussion.

The final session, "Is Peace Possible?," will feature Lars Schoultz, from the Institute of Latin American Studies, University of North Carolina, Chapel Hill; Roger Burbach, from the Center for the Study of the Americas, San Francisco; and Bushnell, from the U.S. State Department. The session, on Friday from 2-4 p.m., will summarize the entire dialogue.

All sessions will be open to the public. Advance arrangements to attend sessions at the Hutchins Center may be made by calling 961-2611.



## **Scientists Find Magnetic Material** In Mammals' Heads

geomagnetic field as a identification of the magnetic navigational aid? Growing material found in the dolphins is numbers of scientists are becoming intrigued with the idea that some organisms may have built-in compasses.

For what is believed to be the first time, a magnetic material known as magnetite has been discovered in the head of a mammal, the common Pacific dolphin, by a UCSB geologist and fellow researchers.

The discovery came when Michael D. Fuller, UCSB professor of geological sciences, and biologist John Zoeger of Los Angeles Harbor College were examining sections of a dolphin's head in a magnetometer in Fuller's laboratory. Fuller and Zoeger have

examined five dolphins, and, with the exception of one which was so badly decomposed that the dissection was not satisfactory, each contained magnetic tissue with comparable levels of magnetization. In each case, the magnetite was found in the dura, the membrane that forms the outer covering of the brain. The magnetite was not always found in precisely the same place.

The five dolphins studied to date by Fuller and Zoeger were obtained from the Los Angeles **County Museum of Natural History** through a program which makes dead stranded marine animals available for research. Working with colleagues at the University of Hawaii, Honolulu, Fuller and Zoeger have examined a species of whale, Cuvier's beaked whale, in which magnetite also was found.

Fuller and Zoeger wrote article on their dolphin research for Science Magazine with J. Robert Dunn, staff researcher associate in the UCSB department of geological sciences.

#### Librarian Awarded Research Grant

has been awarded a research grant needs in connection with the of \$3,200, the first such award recognizing the research role of librarians, and their role in the academic process.

Sivers is assistant head of the sciences-engineering library, a collection exceeding 250,000 volumes. He will use his grant for a research project on selective serials collections in academic research libraries.

He has also been awarded the 1981 Amy and Jens Nyholm award for outstanding contributions to librarianship at UCSB. According to University Librarian Allen B. Veaner, Sivers is credited with beginning what later became the He also played a key role in department.

Can dolphins use the earth's The authors note that the incomplete, although it is at least



Michael D. Fuller

in part magnetite.

Strongly magnetized tissue from one dolphin they examined contained an opaque material visible to the naked eye. The particle was found through laboratory testing to be magnetite. It also was examined by scanning electron microscopy, and one surface was found to have fibers that the scientists speculate may be nerve fibers.

The scientists state, "We cannot demonstrate that the magnetite is part of a field receptor, nor is it known that dolphins can detect a magnetic field." Fuller and Zoeger are now participating in research with scientists at the University of Hawaii which may help answer the question about the dolphin's ability to sense a magnetic field.

Fuller feels that "the idea of some sort of magnetic navigation system is not absurd, but it remains to be properly demonstrated. Magnetite could be 'wired' into the nervous system, but that is merely speculation at this point."

UCSB librarian Robert Sivers assessing library resources and establishment of UCSB's Ph.D. program in geography.

#### **Historical Photos In Library Exhibit**

An exhibit from the collection of historical photography collector Joel Conway of Santa Barbara will be on display during October on the first floor of the UCSB Library.

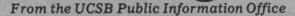
Conway has decorated the walls of local and chain restaurants with his photographs and is now contributing to the decor of the new Harbor Restaurant The UCSB Library display has campus' map and imagery library. been arranged by the reference

#### James Walters Dies

James L. Walters, professor of biology, has died after 34 years on the faculty. He earned his B.S. at the University of Chicago and his Ph.D. at U.C. Berkeley in 1949.

His research, for which he received several grants, involved evolutionary changes in chromosomes of selected California wildflowers. He was the first UCSB faculty members to receive a Faculty Summer Fellowship Research inaugurated by the Regents in the early 1950s.

Throughout his career, he was active in the Santa Barbara division of the Academic Senate, serving as chairman in 1969-71. He was chairman when the division reshaped itself into a Faculty Legislature.



Mario A. Del Chiaro, professor

of art history and archaeology,

has been elected corresponding

member of the Deutsches Ar-

chaologisches Institut (German

Archaeological Institute), Berlin.

The international academic body

made the appointment on the

basis of Del Chiaro's con-

tributions to the field of classical

archaeology, Etruscan in par-

ticular.

## How Press Sees

Is China getting a fair shake in the American press?

No, according to leaders of the Chinese Communist Party, who complain in press interviews that American correspondents focus only on "political turmoil and unrest, power and interest (group) struggles, economic recessions and prices," while ignoring such positive news as last year's record cotton crop.

Yes, according to UCSB political scientist Alan Liu, who has reported on his study of coverage of China by the American press.

By and large, he said, the reporting is good and is getting better, particularly by large metropolitan papers which send correspondents to China and other foreign countries who have been trained in the language and culture and who demonstrate sensitivity toward the host country.

Liu said that the accusation of bias by the Chinese leaders - who are "probably among the world's

most avid readers of the American press" - springs from a clash between two philosophies of the press and society.

In America the press is supposed to be an independent and critical agency of society. In the People's Republic of China, or any Communist nation, the press performs what Lenin called the functions of 'collective propagandist and agitator' for the Communist Party.'

Liu's study concentrated on coverage of China by the New York Times, the Los Angeles Times and the Santa Barbara News-Press during June.

He found that the two metropolitan papers carried more news of Chinese foreign and domestic policies than did the News-Press, a community paper. All three papers emphasized U.S.-China relations.

matters by the metropolitan military, society and culture.

papers to a combination of "the unusual crisis theme in American reportage of foreign news" and a period of Chinese history which is particularly crisis-ridden.

"Also the current administration of the People's Republic of China has removed much of the propaganda mask that used to shield China from the critical eyes of Western journalists, so now China's severe social and economic problems are being revealed to the world," he said.

The political scientist speculated that interest among American businessmen in exploiting the "China market" may be behind the dedication by the New York Times of 52 percent of its coverage of domestic Chinese events to Chinese economy.

He found the coverage of the Los Angeles Times more evenly Liu attributed "the substantial distributed among the areas of space" devoted to domestic Chinese politics, economy,

## **ROTC Program Has Scholarships**

The Reserve Officers Training Corps is currently offering scholarships that may result in an eventual commission on to Second Lieutenant in the United States Army.

"We have a very generous scholarship program," Captain Denver Compton said. "One of our (ROTC's) main goals is to help people through school, if possible, and in the process attract and hopefully provide qualified officers to the U.S. Army."

The ROTC program is divided into two parts. The basic course, which is for freshmen and sophomores, but can be compressed into one year, has a military curriculum which deals with superficial army maneuvers.

However, in the upper division course, students also participate in mini-excursions, Delgado said.

"They get practice at acting as lieutenants and colonels, so that when they are on the Active Duty they will know what they are doing."

As juniors, the students attend Advanced Camp at Fort Lewis, Washington for six weeks, receiving field training and experience in a military environment. Enrollees in the course must sign a contract with the U.S. Army, agreeing to complete the course and accept a commission.

In return, they receive \$100 each academic month. "We do not offer a lot of money," says Compton, "so I don't feel that we are attracting people because of that."

Upon completing the course, the student is commissioned as second lieutenant to act in one of the special categories offered by the U.S. Army. If possible, the student's desires and academic major are considered by the Army in making the initial assignments.

'The most attractive thing about being an ROTC cadet,'' Delgado said, "is the traveling. You can see so much of the world for such a small expense.'

Enrollment in ROTC programs has dropped slightly at UCSB over last year, according to Compton. Many people who joined the program, he said, were unsure of their career opportunities and did not know if UCSB was right for them. Currently many of them are attending other colleges.

Despite lower enrollment figures, ROTC's recruitment efforts are low key. "Some colleges do the classic thing of putting up a table in front of the Student Union and waiting," Compton said. "It's unnecessary here and wouldn't serve any useful purpose. We don't sit at tables or wave flags or do strange things. We are here if people want to talk to us.'

'What we are interested in," Compton said, "is quality, not quantity. The bottom line is that if someone does not measure up character-wise or quality-wise we are not interested in them. We do not want to pull along someone who is marginal."

"We expect ROTC cadets to act as professionals," Delgado concluded.

## **Research Grants** For Graduates

Humanities Graduate Student Research Grants will soon be available.

The Graduate Division has information and guidelines for graduated students who wish to apply. Applications are available at the Graduate Division office at 3117 Cheadle Hall. The deadline for receipt of applications is Friday, October 16, 1981.

**Climax Productions Presents** 



THE ACADEMIC SKILLS CENTER (BLDG. 477) IS OFFERING GROUPS TO HELP **STUDENTS PREPARE FOR THE GRE &** EXAMS. GMAT REVIEW GMAT SESSIONS WILL BE HELD ON TUES. & THURS. OCT. 13 & 15. THE GRE REVIEW SESSION WILL OCCUR WED. OCT. 14. SIGN UP AT THE ACADEMIC SKILLS CENTER (NEAR STORKE TOWER) M-F, 8-5 PM.



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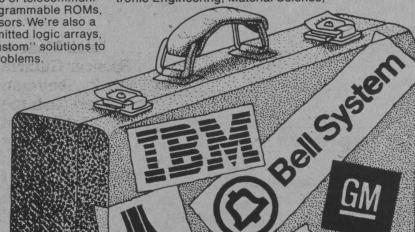
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## **AMI Semiconductor Industry Overview**

Interested engineering/computer science students and faculty are cordially invited to attend a presentation on careers in the semiconductor industry sponsored by American Microsystems, Inc. This program is scheduled for Wednesday, Oct. 21, at 7:00 P.M. in Engineering 5120.

**Daily Nexus** 



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#### **Special Notices**

A chance to reflect on your self as a sexual being is offered in the presentation "Sexuality: Self, Companion, Spouse.' Tue., Oct. 13 7:00 pm in Anacapa Formal Lounge. Teacher is Campus Pastor Bruce Wollenberg. Everyone is welcome

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GRADUATE STUDENT, Women's Center B434, Oct 13, Shared meal. 6:00 pm, Panel, 7:00pm.

MEN'S RUGBY CLUB Origntation meeting. Wed. Oct. 14, 7:30pm at Physics 1824. All prospective players Please Attend!!

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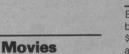
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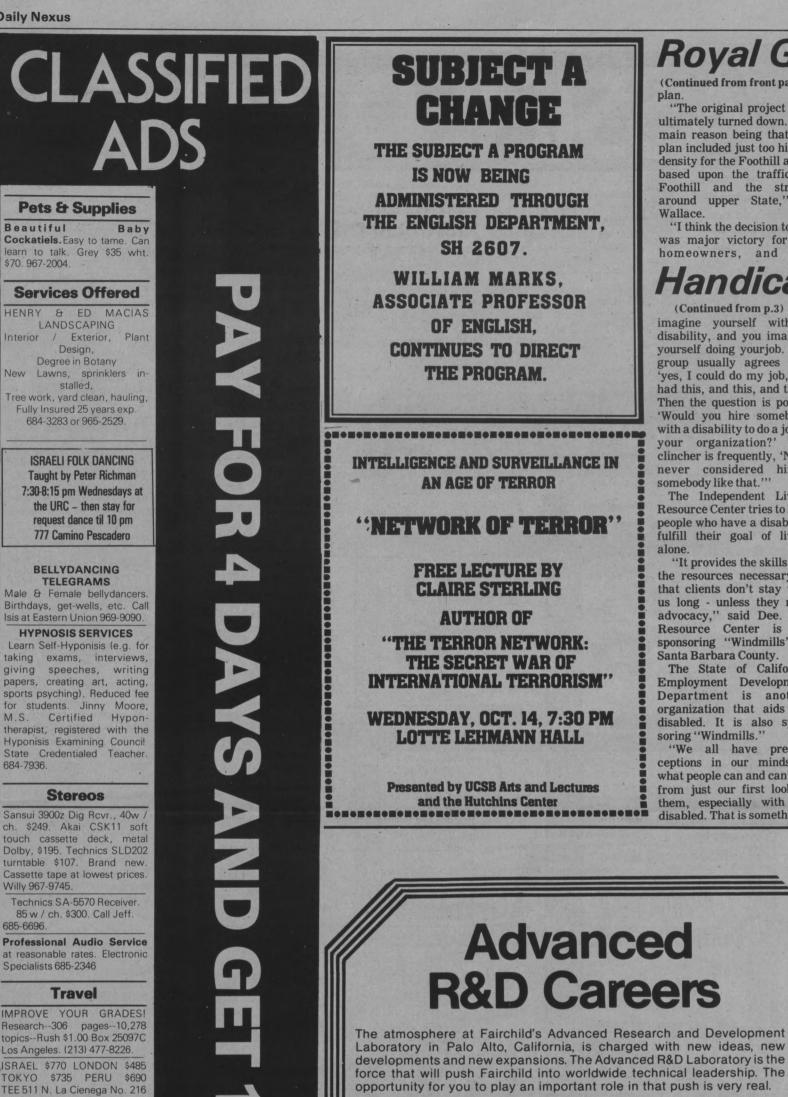
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Tuesday, October 13, 1981 9



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## **Royal Gate Area**

plan.

"The original project was ultimately turned down. The used, were, I think, pretty main reason being that the happy with the outcome. It plan included just too high a density for the Foothill area, based upon the traffic on Foothill and the streets around upper State,"said Wallace

"I think the decision today was major victory for the detailed between five and homeowners, and the twenty acres per residence.

(Continued from front page) majority of the public who were concerned about how this property was going to be was a victory for people concerned with the environment, as well."

The initial proposal as submitted by the Santa Barbara General Plan Advisory Committee,

#### Handicapped. . .

(Continued from p.3) imagine yourself with a disability, and you imagine yourself doing yourjob. The group usually agrees that 'yes, I could do my job, if I had this, and this, and this.' Then the question is posed, 'Would you hire somebody with a disability to do a job in your organization?' The clincher is frequently, 'No, I

never considered hiring somebody like that."" The Independent Living **Resource** Center tries to help people who have a disability fulfill their goal of living alone.

"It provides the skills and the resources necessary so that clients don't stay with us long - unless they need advocacy," said Dee. The Resource Center is cosponsoring "Windmills" in Santa Barbara County.

The State of California **Employment** Development Department is another organization that aids the disabled. It is also sponsoring "Windmills."

"We all have preconceptions in our minds of what people can and can't do from just our first look at them, especially with the disabled. That is something I

want to see change,"stated a specialist on the handicapped from E.D.D.

For those employed persons who become disabled and wish to return to a similar line of work, the Department of Vocational Rehabilitation offers counseling.

"No matter what the disability, we can show it's feasible that with services they can be employed again,''stated Kenna Hickman, spokesperson for the department.

"We assist the person by evaluating the functional limitations of the disability, what their aptitudes are and what appropriate vocational goals might be, considering their aptitudes. If they need re-training, we can offer that too.'

Hickman cited one example of a recent program success. A sherriff, who suffered an accident at home resulting in the paralysis of his legs, was able to be placed back in the Sherriff's department as a polygraph examiner, after undergoing training through Vocational Rehabilitation.

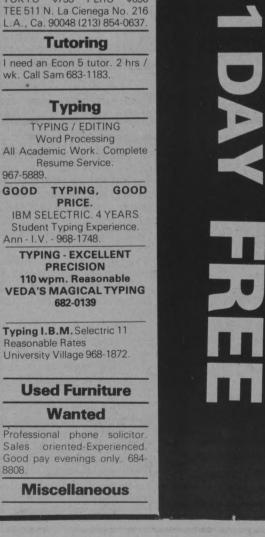
Even those disabled persons who enjoy participating in athletics have opportunities to re-enter athletic programs.

The Easter Seals organization has designed Project 4, a golf game for those who have suffered a stroke, spinal damage, or brain damage.

Wheelchair basketball is another popular means of recreation for disabled athletes.

These organizations agree that their outlook is questionable without increased financial support from the government.

The federal government allocates a sum of money to state authorities. They, in turn, divide the funds amongst the counties. Each



## **On-Campus Interviews** Oct. 22 & 23

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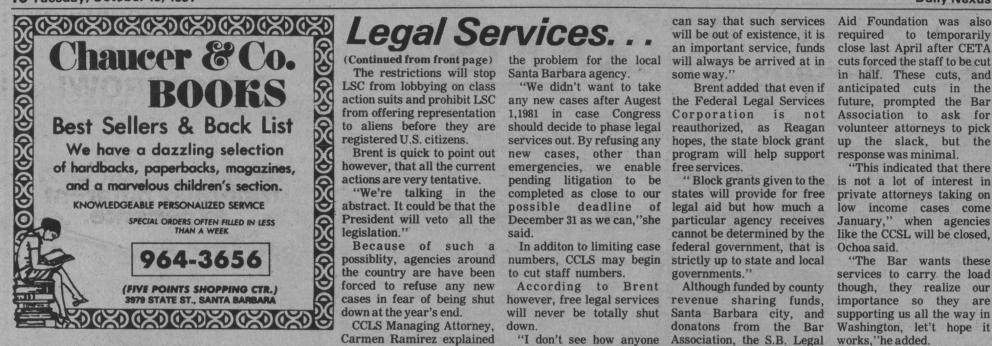
A Schlumberger Company

county has its own Comprehensive Employment and Training Administration that receives the money and distributes it to the various qualifying programs.

"By the time we get any money, the pie has been divided a million times," Holmes stated.

Funding for the programs comes largely from Social Security and the Department of Vocational Rehabilitation.

Students-Faculty-Staff Library BOOKSALE WEDNESDAY **OCTOBER 14** 8:30-1:30 LIBRARY, 8th FLOOR



#### **Daily Nexus**

required to temporarily close last April after CETA cuts forced the staff to be cut in half. These cuts, and anticipated cuts in the future, prompted the Bar Association to ask for volunteer attorneys to pick up the slack, but the response was minimal.

"This indicated that there is not a lot of interest in private attorneys taking on low income cases come January," when agencies like the CCSL will be closed, Ochoa said.

"The Bar wants these services to carry the load though, they realize our importance so they are supporting us all the way in Washington, let't hope it works,"he added.



(Continued from front page) Navy, headed by Paul K. Hansma and William C. Kasar, both associated with the Quantum Institute at UCSB involves sophisticated analytical tool known as inelastic electron tunneling spectroscopy. This method measures the unique vibrations emitted by molecules and identifies them in much the same way that a chemist would use infrared spectroscopy to identify compounds.

Tunneling spectroscopy, Dr. Hansma explained, has the ability to identify quite small amounts of the substance in question. One practical application of this tool is in elucidating the molecular interactions between adhesives and the surfaces they bind to, possibly resulting in the development of better glues.

Aother application, of interest to the Navy is the detailing of changes in molecules involved in catalytic reactions.

Hansma explained that a practical product that may be derived from applying tunneling spectroscopy to the problem of understanding the mechanics of catalytic reactions will be to increase the yield of gasoline from crude oil.

The process of petroleum "cracking" from which gasoline is obtained, involves breaking the longchain hydro-carbon molecules such as kerosene,

diesel fuel and gasoline.

The chemical "helpers" of this cracking reaction are called catalysts. Unfortunately, these substances produce a conglomerate of products, useful as well as undesirable. However, if through the use of tunneling spectroscopy, a catalyst could be developed to cut the long-chain petroleum molecules to specific lengths, it is conceivable that a much higher yield of desirable products could be had, as well as much cleaner ones.

Hansma said that, as far as he knew, there was no classified research funded by the military going on at UCSB.

"If the Navy required me to do a particular analysis as a condition to receiving further funding, I would probably decide to decline further funding. For-tunately, this has not occured and I do not anticipate it occuring," Hansma said.



**By BARRY SHEEHAN** 

Despite a valiant effort, the men's Soccer Team lost 4-1 to San Jose State, ranked 18th in the nation, on Sunday.

The score was 4-1 at half-time. The San Jose squad took an early lead on Gaucho mistakes. Santa Barbara's only score came 40 minutes into the first half, when Steve Price got a free kick. Scott Grassinger headed it to Graham Witherall who kicked it in.

Head Coach Andy Kuenzli was not too disappointed with the loss. "They are a very high caliber team. Our guys wanted to prove that we could play on their ability level. We

## Flashy Defines Santana

**Nexus Sports Writer** The senior mid-fielder steals the ball away from an offender and quickly shoots a timely pass to a teammate headed for the net. Jose Santana has played this role may times for the UCSB Gaucho's soccer team. Over the past three years Jose's 1/814 has become very familiar to the fans who the Gaucho's follow religiously.

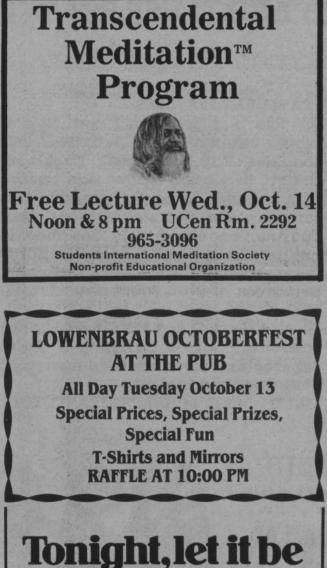
For those who aren't such devoted followers, their impression of Jose may be that of a small player who enjoys making ordinary plays look exciting. Jose comments on his sometimes flashy style of play, "I think the fans enjoy it. I used to be more fancy in high school, but here it's a faster, more aggressive game with lots of passing. It doesn't always work against the better players.'

A native of Mexico, Jose moved to Oxnard in 1970. In his four years of high school Jose enjoyed little team success, but received many individual awards, including High School All-American Honors his senior year. Despite the recognition he received for his personal accomplishments Jose didn't receive many offers to play intercollegiate soccer, and therefore chose UCSB for its academic credibility.

Fortunately for UCSB, Jose chose to continue his soccer career at the collegiate level. Making only spot appearances as a freshman, Jose has developed into a key player in Coach Kunzli's 4-4-2 offense. As one of the four halfbacks Jose feels that, 'Personally, my job is to be offensive. Because we play with only two forwards, one halfback doesn't mark anyone; and its usually me, so I go play offense. My second job is to play defense and pass the ball around." Jose knows that the daily practices do more than just prepare him physically, 'The whole team takes practice seriously. As a group, as a team, we get together and prepare for the game psychologically. Our coach helps us a lot getting ready emotionally for each game." A veteran of three years, Jose can speak from experience, "This year we are more organized, everyone knows their job. Coach Kunzli is a good coach, I've learned alot from him.' Jose was not always so outspoken, "In high school I was pretty timid and shy. I didn't talk much, but when I met my girlfriend Olivia (a graduate student at UCLA) my life changed, totally. Olivia is an outgoing, in-(Please see col.4)



Senior halfback Jose Santana practices his ball handling in empty "Spud" Stadium.



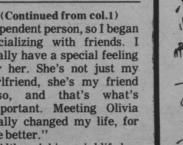
tried not to make any mistakes, but in so trying, we made them, and they capitalized."

"The second half," he continued, "was a different story. It was just good soccer. Although we missed several opportunites to score, I was proud of the way we played the second half.'

The team traveled to Stockton where they played the University of Pacific Monday. Kuenzli feels optimistic about this match. "They are 1-9, while we are 6-4 overall. It depends on our morale.

> dependent person, so I began socializing with friends. I really have a special feeling for her. She's not just my girlfriend, she's my friend also, and that's what's important. Meeting Olivia really changed my life, for the better.'

become more active, Jose's exciting style of play is expected to remain as his trademark.



Although his social life has



Tuesday, October 13, 1981 11

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