

## Supervisors Vote UCSB Funding of Business Interns

By JEFF LESHAY  
Assistant News Editor

The Santa Barbara County Board of Supervisors voted 5-0 yesterday in favor of authorizing the county to draw up a contract for the funding of \$28,500 for a UCSB Business Internship Program designed to aid 30 economically underprivileged students.

Authorization by the supervisors for such a contract came as a result of the Private Industrial Council's request to use CETA funds to aid disadvantaged students.

Following some discussion at yesterday's meeting, the board, by a vote of 4-1, approved the execution of a letter to the Director of the Bureau of Land Management concurring with the California Coastal Commission's position that proposed Oil Lease Sale 73 is unnecessary and in violation of the OCS Land Act Amendments of 1978.

OCS Lease Sale 73, designed for the further development of offshore oil drilling, would include 24 million acres off the California shore from the Mexican border to the Oregon border.

Supervisor Harrell Fletcher voted against the execution of the letter, voicing his opinion that as much oil drilling as possible should be carried out off the shore of California, and saying, "I would hate to send my son to defend oil fields in the Middle East when we have plenty of energy sources right here off the coast."

In other action, the board approved in concept a proposal to relocate and to restore the Goleta railroad depot at Los Carneros County Park.

This proposal came as the result of a decade of efforts to preserve the historic landmark. Goleta Beautiful, a nonprofit organization devoted to fostering and promoting the beautification of the Goleta Valley, proposed the plan, and representatives from the Institute for American Research, Goleta Valley Historical Society and Goleta Valley Chamber of Commerce comprise the Goleta Beautiful Depot Committee, in charge of the relocation and restoration.

Goleta Beautiful will raise all monies necessary for the project through community fund-raising efforts. In a letter to the board, the organizations

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This 16th Century cannon found on Goleta Beach covered by shale and tar is almost unrecognizable.

Nexus Photo by Greg Harris

## University Given Custody Of Cannons Temporarily

By ANNE GALISKY and CHRIS MILLER  
Nexus Staff Writers

Five cannons possibly 400 years of age were excavated Wednesday from Goleta Beach and are in the temporary custody of the UCSB History Department.

Salvage claims on the cannons will have to be settled before permanent custody of the artifacts, found by Santa Barbara resident Nolan Harter, can be determined.

"Ownership varies according to whether they are on state lands or not," Pandora Snethkamp of the history department said, adding that preliminary evidence indicates state ownership.

The cannons are covered with a thick layer of asphalt that has apparently accumulated as a result of offshore oil spills and natural seepage from the the bedrock. "The cannons were caught in a geological formation of mostly Monterey shale," according to Snethkamp, and are consequently layered with rocks and shell accumulation.

The cannons, believed to be heavy iron, will have to be submerged in fresh water to prevent further oxidation, and troughs may be made of corrugated sewer pipe to hold the cannons in the submerging tank.

Frank Frost, a professor of seafaring history, said an electrolysis bath which could take up to nine months to complete the cleaning of the cannons will probably be used once a conservationist approves the process.

"The nearest conservation lab is in Texas (at A&M University)," Snethkamp said, adding that an expert may be called in from A&M to assist with the cleaning.

Once the cannons have been cleaned, experts will attempt to determine the exact age of the artifacts. According to Frost, who estimates that the cannons are dated sometime between the late 1500s and mid-1800s. The date of origin is hard to tell from their general shape since cannon design did not change for 300 years. After cleaning, Frost said, a founder's name or marking may be discovered.

"Once you have the maker's mark, you can find out what ship they were on," Snethkamp said.

"The historical significance of the find would be if we could tie in these cannons or any other objects we might find in the area to a ship declared lost at sea whose location was previously unknown, or one that was known to have sunk in the area," Frost explained.

Carroll Purcell, a history professor who was part of the team which originally excavated the cannons, said he found what looked like a gun muzzle buried in the bedrock, but it crumbled when he tried to remove it from the rock layers.

Frost said it was quite possible the find could tie in missing links of California history. "We're still at a very early stage here. It's difficult to tell."

Justin Ruhge of the Santa Barbara Research Center speculated that the cannons may be

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## Participation is Questioned in UCSB Study Plan

By DAN GURSKY  
Nexus Staff Writer

According to A.S. External Vice President Brian MacDonald, student participation was lacking in writing and compiling of a recent UCSB Self-Study, a report compiled by a task force of campus faculty, staff and students which was recently submitted to the Western Association of Schools and Colleges in preparation for their visit to review UCSB's accreditation at the end of February.

While here, the WASC committee will follow a standard procedure which includes visiting classes and talking to administrators, department representatives, A.S. leaders and students. The committee will be at UCSB Feb. 24-27.

"It looks like only one student was intimately involved with the writing of the report," MacDonald said. In particular, MacDonald believes the Associated Students should have played a major part in writing the sections which define the role of students in UCSB's governance and administration.

"As far as I can tell, it (the student governance section) was not done by A.S.," MacDonald said.

Vice Chancellor of Student and Community Affairs Ed Birch said, "An attempt was made to involve students (in the report) but that's the least of one's concerns in an accreditation report. The report is a preliminary thing; the visit (by WASC) is what's important."

Another problem with the report, MacDonald expressed, is "it didn't even go into detail about basic skills increasing importance at UCSB in the near future. You would hope that these would be entire sections," but they received little attention in the 300-page report, MacDonald continued.

One section of UCSB's report concerned a recent study of student participation in university governance procedures. Seven recommendations from the study were included in the report. Most of the recommendations involved increasing the quality and quantity of student representation in various university committees.

Student participation in the preparation of the student governance study was extensive although it is not

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## Lappe Speaks on Controls, Scarcity of Food

By MARY APPLIEDORN  
Nexus Staff Writer

Frances Moore Lappe, author of the bestseller *Diet for a Small Planet* and co-founder and director of the Institute of Food and Development Policy at San Francisco, spoke Sunday night at Campbell Hall.

An authority on world hunger, Lappe opened a series of events scheduled for World Hunger Week at UCSB with her lecture "Beyond the Myth of Scarcity."

In her books and lectures, Lappe stresses that greater production would not eliminate the scarcity of food for large populations. Supporting her arguments with well-researched evidence, she explained that "the root of the problem" rests in the concentration of control of food production, in which a few companies hold a virtual monopoly on food manufacturing. As a solution, Lappe seeks a more democratic way to distribute the production.

Lappe first became interested in world hunger when she graduated from college in 1966, "a year of extreme anguish for many people" who felt a need to change the world, she said. Influenced by the ecology movement, she felt "we had reached the earth's limits to feed people." She decided in order to continue her work she needed to ask "How did what I do address the root causes of the problem?"

After research, Lappe concluded that the idea that "hunger is caused by scarcity" is a myth. "I went from that discovery to a one-page handout. That became *Diet for a Small Planet*," she said Sunday night.

As her fame grew, Lappe became known as the "Julia Child of the soybean circuit."



Francis Moore Lappe

The turning point in her career came in 1974 when she attended the World Food Conference in Rome, which was held "to come up with a blueprint to end hunger." Lappe said she subsequently experienced two "shocks": one, that people were now seeking her opinion on the subject of world hunger; and two, that "the experts were still supporting the mythology that was part of the problem" — that hunger is caused by scarcity.

Lappe said the only way to end hunger is through "the

process of the creation of a genuine democracy. The concepts of two economic and political democracies cannot be separated. They are inevitably interlocked." She gave as an example the three corporations controlling cereal manufacturing in the United States. These manufactures — Kellogg, General Mills and General Foods — "control over 80 percent of the market, resulting in a \$1 billion overcharge to consumers. This tight control is in clear violation of the laws of our land," Lappe said. "The U.S. economy is moving in an opposite direction of a shared democracy."

Another example of this concentration of power is that 50 corporations control 90 percent of the advertising viewed by consumers. Lappe said that within every society there is the tendency to increase power, but that "the hinge on which democracy rests is how we resist concentration of this power."

This concentration has affected farmers in the U.S. as well as in Central America, where peasants are pushed away from the fertile land toward the eroding hillsides, according to Lappe. As competition grows among farmers in the U.S., "farmers are inevitably forced to erode our topsoil."

In addition, the large operator of land is actually more inefficient than the small producer. "The smaller holder produces more because there is a direct interest in how that land is produced," Lappe said.

Lappe also wants to see an end to corporate penetration and propaganda in the Third World countries, which she said is an obstacle rather than an aid to helping relieve

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# HEADLINERS

## The Nation

## The State

**LAKE TAHOE**— Landowners in the Lake Tahoe area have asked Placer County Superior Court to overturn an order by the State Water Resources Control Board banning development on 7,100 lots to combat erosion's soiling of the lake's pristine water. "These people's properties have been rendered valueless," claimed Michael van Wagenen, executive director of the Tahoe-Sierra Preservation Council, which represents 3,000 land owners. The council's report lists a market value for the property, prior to the state order, of \$200 million to \$300 million. A spokesman for the Water Resources Board put the figure at \$130 million, and said the board had expected a legal challenge and remains "confident of our legal position."

**SACRAMENTO**— According to a report from the Defense Department, California led the nation in procuring defense contracts in fiscal 1980, capturing \$13.8 billion, a 20.9 percent share. New York was distant second, with \$5.6 billion, followed closely by Texas with \$5.3 billion worth in contracts. California's share grew faster than any other state's, rising 1.3 percent from 19.6 percent.

**SACRAMENTO**— Cuts in federal funds caused manpower cuts in the state Employment Development Department, which has 14,600 employees in more than 300 offices throughout the state. Director Douglas Patino informed EDD employees that, "We must face the hard fact that at our current rate of expenditures we will run out of funds before the end of this fiscal year."

**LONG BEACH**— Still smoldering but no longer a threat, 4000 tons of powdered zinc skimmings have been removed from the hold of the freighter Asia Gem and spread out to cool on a concrete dock in the East Basin of the Port of Long Beach. According to Coast Guard spokesman Andy Vilutis, "there absolutely is no more chance of explosion" like that which killed a crewman last week as the ship sailed for Japan.

**WASHINGTON**— According to a report by the Washington Post, the Reagan Administration has backdated its tough federal hiring freeze to November 5, 1980, placing in jeopardy thousands of promised jobs. In spite of some criticism that the freeze cannot be back-dated into another President's term, the new guidelines have been signed by the acting director of the Office of Management and Budget, Dale McOmber.

**WASHINGTON**— Senator Paul Laxalt (R-Nev.), a former casino owner and close friend of President Reagan, is hoping to use his new position on the Appropriations Committee and his influence with the new administration to diminish the scope of what he calls on "overly aggressive" federal investigation of the gambling industry in his home state, the Miami Herald reported. Laxalt, who was briefly considered as a possible vice-presidential running mate for Reagan, told the newspaper he would like to use his influence to reduce the number of federal agents he claims have been "harassing" the gambling industry.

**NEW YORK**— New York state health officials may issue a statewide alert about radioactive gold in rings as a result of 14 suspected cases of finger cancer. People with "serious skin problems have been urged to seek medical help and have their gold jewelry checked. Radioactive gold has been blamed to be the cause of at least two cancer cases in the last 14 years. The radioactive gold in the rings, made between 1937 and 1947, was believed to have been used originally in a process in which hollowed-out 24-karat "seeds" were filled with radon gas and implanted in patients to kill cancerous tumors. Experts say the gas, radon 22, is active for at least 100 years.

## The World

**ISRAEL**— In a protest against the government's failure to build them permanent homes, about 200 Jewish settlers moved from their temporary settlement near Jerusalem and occupied the West Bank hilltop designated as the site for their permanent headquarters. According to settler Yehudit Bloom, "This may be the last minute," because of the expected election of a Labor government less enthusiastic about such settlements in the West Bank of the Jordan. A report from an Israeli newspaper said that Prime Minister Menachem Begin plans to settle 3,000 more Jews in the area before the elections.

**ALGERIA**— The Algerians, who played a major role in winning freedom for the American hostages, are reportedly preparing to play another intermediary role, this time in an effort to persuade Iran to end its war with Iraq. According to a Beirut newspaper, a delegation headed by Algerian President Chadli Bendjedid will try to persuade Iran to change its mind about boycotting an Islamic summit now being held in Saudi Arabia with peace in the Persian Gulf high on its agenda.

**ZIMBABWE**— Former guerillas loyal to Zimbabwe's ousted home affairs minister, Joshua Nkomo, have been accused of forcing more than 5,000 people to leave their homes in a reign of terror which included kidnapping, looting and rape. The accusations printed in the Salisbury Sunday Mail were supported to an extent by the hundreds of empty houses which surround a camp housing an estimated 3,300 Nkomo partisans nine miles south of Salisbury. Nkomo partisans and forces loyal to Prime Minister Robert Mugabe caused the evacuation of 1,000 families belonging to a black tribe that generally supports Mugabe.

**WEATHER FORECAST:** Partly cloudy today and tonight. Highs in the 60s. Overnight lows in the 40s.

# Choosing a company is like buying a car.

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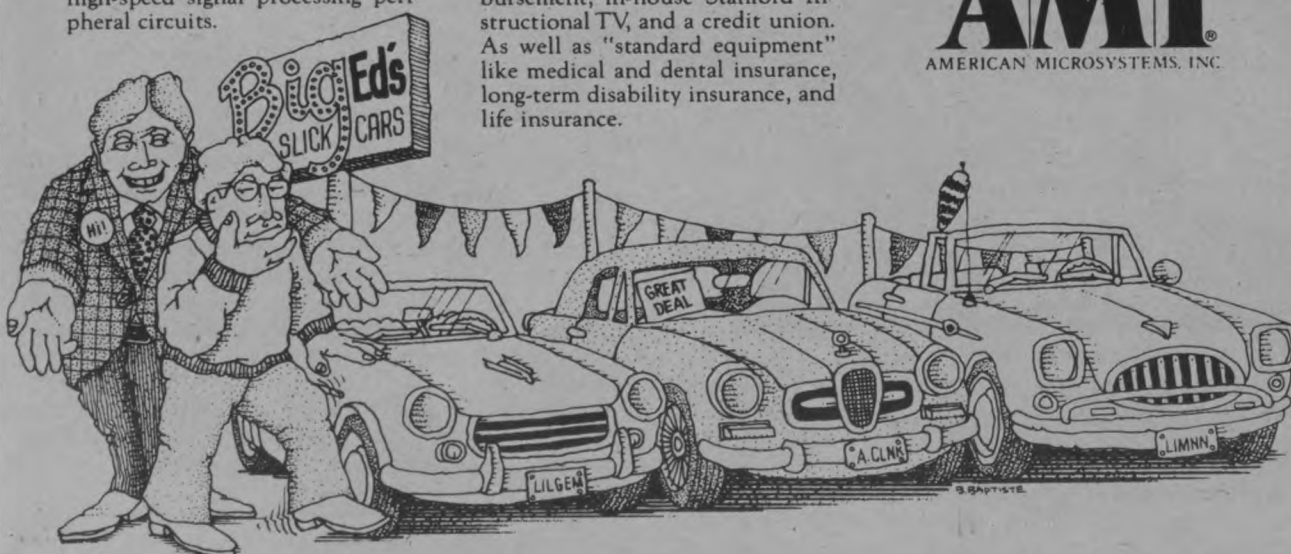
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These cuddly critters are currently causing quite a campus controversy.  
Nexus Photo by Greg Harris

## Misha Bears Being Sold Despite Student Protest

By MARCIE MORRIS  
Nexus Staff Writer

Summer Olympic controversies are still alive this week with students complaining about the UCSB Campus Bookstore selling Olympic mascot Misha bears. The bears are sold sporting little "I Love UCSB" shirts and wear Olympic belts around their bellies.

In a letter to the editor published Jan. 21, Farfalla Borah raised some probing questions regarding the Misha bear sold in the UCSB Bookstore.

"My basic question is does this (the selling of the bears) have a place in an academic community," Borah said.

The bear was manufactured by Dankin Toy Company for the 1980 Summer Moscow Olympics.

According to Borah, when she questioned the Bookstore Customer Service Manager, Laura Golding, about the Olympic belt, Golding became hostile and answered, "What's wrong with helping out failing American companies?"

Golding said she wasn't hostile and she never used words "failing American companies." She said, "We're helping out companies," meaning business in I.V.

Ken Bowers, manager of the UCSB Bookstore, says he purchased the bears from John Lincoln, owner of Shirts Illustrated in I.V. "Our interest is not to support Dankin. We bought the bears purely as a UCSB emblematic promotion. We thought they were cute, that we could make some money, and that by purchasing them we'd be helping out I.V. merchants," Bowers said.

Borah claims Misha is being passed off as the UCSB mascot. Bowers is adamant that this is not the case. "We never meant the

bear to be passed off as our mascot. If that had been our idea, we'd have stripped off the belt and tag explaining Misha was the Summer Olympic Bear.

"We have not hidden the fact it's an Olympic item. In fact we even call them the Misha bear," Bowers said.

Borah was angered by the selling of the bears. "The bookstore is an administrative run student service. I don't like the students being finagled into buying the bears, especially since they're not even our mascot. Students should have a voice about what is being peddled in the bookstore.

"I'm not against the selling of the bears, per se, just the way the bookstore is going about it," Borah said.

Bowers responded, "We feel we've been very up-front about the origins of the bear. Students do have a direct say on what is being sold in the bookstore. If they don't like it, they simply don't buy it, and that is a universal principle."

Dankin sold the bears to a liquidation company; Lincoln bought the bears from the company, and sold the bear and shirt to the bookstore for \$4.40. The bookstore is selling them for \$6.95, a minor mark-up compared to the 100 percent retail stores normally get.

Out of the 2,000 bears the bookstore bought as Christmas gift ideas, 700 have been sold. In fact, according to a Los Angeles radio station, the bears are a collector's item.

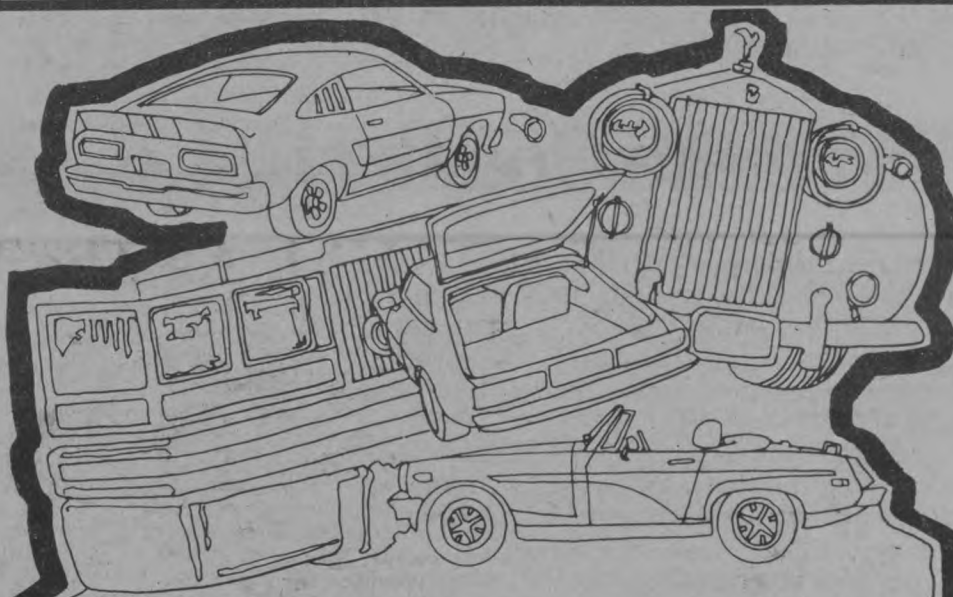
Bowers says the bookstore always has an eye open for UCSB emblems and promotion items. "We felt the bear would make a good Christmas gift. For us, there is no issue concerning the sales of Misha," Bowers said.

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## SHAG Holds Hunger Events

The Student Hunger Action Group will sponsor a series of events this week on the subject of world hunger.

Today in UCen 2284 at noon a discussion will be held concerning politics and hunger in East Africa. Tomorrow evening, SHAG and St. Mark's Student Community will sponsor a dinner entitled "Feast or Famine" at St. Marks Church to teach students how the world eats. On Thursday at noon in the Ucen lobby there will be a panel discussion of political, economic and social issues of hunger featuring Professor Ray from the Economics Department; Paul Weiss from Los Ninos; and Bill Schminke from "Bread For the World".

The discussion marks the beginning of the 25-hour crop fast and will be followed by a "Cambodian Update" speech by Katherine Cody of Direct Relief in UCen 2284.



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## Hunger Week

Throughout this week the Nexus is carrying articles on local, state and national agencies which work diligently toward ending one of the world's most unpublicized crises—hunger.

It is a continuing world problem in need of a serious effort by all nations if it is to be solved. It is a crisis because people continue to suffer and die of starvation.

The agencies discussed are but a few of the groups dedicated to resolving the problem. They are dependent on others for money and food donations and much underpaid labor, especially volunteers. But these efforts are dependent on those who are not hungry to become aware of the problem, and to contribute towards its abolishment. The starving are not just living in the developing Third World nations, but can be found in the United States, and in California. Witness the lives of many farmworkers, in this and other countries.

With the designation of this week as Hunger Week, making yourself aware of the issues involved is the first step. Contributing both your time and money to these agencies is a second step. Personal commitment will aid in the resolution of the problem.

## Save the Coast

Perhaps the largest offshore oil lease sale ever has been proposed for 1983. The move, which was drafted by the U.S. Department of Interior, calls for the sale of oil rights covering some 24 million acres, approximately the entire length of California.

In response to this sale, the California State Coastal Commission has written a letter of opposition to the Department of Interior over the scope of the 1983 lease. We agree.

In placing almost all of the California continental shelf up for sale, the Department of Interior has endangered some very environmentally delicate areas along the coast. Such wholesale disregard for marine sanctuaries shows a very dangerous attitude toward California's ecology. The State Coastal Commission has called for the deletion of tracts north of San Luis Obispo as well as protection of marine sanctuaries and otter habitat. These areas, we feel, should remain untouched.

We understand the concern over the shortage of oil and that new reserves should be explored and possibly developed, but the Department of Interior's plan to develop the entire California coastline is simply too broad and indiscriminate.

While this lease sale was begun in the Carter administration, we hope that President Reagan and Secretary of the Interior James Watt recognize the importance of reducing the size of this sale. Such a move would allay the fears of many environmentalists over Watt's position on environmental matters.

## The Champs

So we were wrong. The Raiders are not pansies and sissies. They trounced Philadelphia 27-10 in Super Bowl XV. A 'hearty' congratulations. As supporters of the team from the City of Brotherly Love, we can graciously accept this setback. The better team won...for now. But next year, the Oakland...er...Los Angeles...er...Rozelle Raiders may have to face the fearless Eagles, and the results will be different. Nyah, Nyah, Nyah.



## LETTERS

### Hostages

Editor, Daily Nexus:

Reader Yvonne Habibi seems to have missed a few points in her criticism of William Beeman's article on post-hostage Iran.

We all do or should know that the U.S. did "interfere with Iranian affairs, harbor the criminal shah", and maybe even instigate and support counter-revolutionary movements. However, the refusal of either country to look at faults, mistakes, and actions of the other without incredible bias is not only ridiculous but dangerous. Why does Habibi put the word hostages in quotes, for example? To be held for over a year in unwilling captivity (to say nothing of tortures, etc.) is obviously to be a hostage.

Beeman's main point, it seems to me, is that the Iranian government and society is built on the power base of opposition and mutual hatred. This point Habibi fails to grasp, even as she talks of "faith, brotherhood, and unity against imperialism" or "common cause dedicated to destroying...". The question is, what will Iran do with nothing to be against or destroy? Beeman thinks it will become corrupt (obviously due to his Western capitalist mind). Iranians and their supporters do not have a monopoly on hatred, though. Possibly Beeman, instead of answering the "ills" of the U.S. would like (along with millions of others) to see Iran go under all by itself. Why should he be restricted to commenting on his own country? Does Iran solve its domestic problems before making international comments and accusations?

Unfortunately Habibi, in a display of ignorance, chooses to ignore free advice and opinions, due to their presumably contaminated source, "a victim of the

public school system." While Beeman's article contains Western biases and anti-Iranian sentiment, it also raises important questions and warnings for the new Iranian government. Among other things, Iran seems dedicated to returning to 13th century morality and standards for women, and is almost proud to be ignorant in its reform crusade. To dismiss Beeman's article as irrelevant is typical of such a country's supporters.

Mark Hooker

### Recycling

Editor, Daily Nexus:

This is a letter in response to the Jan. 20, article on office paper recycling. AFSCME local 673 is currently in support of a recycling program. I see four possible projects that could be set up.

The first possible project would be for the administration to donate funds for a community recycling organization, to set up a program. This would require the assistance of students (via workstudy) for low cost labor. The advantage to this would mainly be political. The university would improve its image in the community.

The second project would provide a paper tray to be put under each desk to collect paper. Fiber barrels would be located at strategic locations for collecting paper from trays. Custodial staff would collect this paper. Custodial Supervisors would pick up barrels periodically, and take them to a C bin (10,000 ton container) for central storage. The advantages to this are low initial cost and the usage of in-house staff. The yield would be high (90 percent) but custodial would have to hire one extra full time employee (FTE) for paper removal in high yield areas such as South Hall, Cheadle Hall, Library, etc. Other custodial staff would

have to be compensated for increased work with reduced route assignments. The majority of profits should be used to reduce route assignments, improve employee development, or improve services.

The third project would be for central receiving to utilize delivery employees in collecting paper for recycling. Since this department is already in possession of the fiber barrels, and vendors are currently known, this project would have the lowest initial cost. The yield would be moderate (60 percent). The problem would be the inability of central receiving employees to retrieve trays from under the desks as their hours coincide with day time staff. More FTEs would be needed to compensate for the increased work load. Profits from this project should be used to improve both working conditions and the quality of merchandise in central receiving and store.

The last project would combine both custodial and central receiving in the collection and removal of paper. Custodians would be responsible for emptying trays and central receiving for picking up the fiber barrels. The advantages are high yield (90 percent), and improved interdepartmental communication. The custodial division should be compensated (via recharge) by central receiving for extra work. This would give all staff involved a piece of the pie.

In closing I would like to ask the administration to inform AFSCME 673 of decisions that are made that will effect staff, prior to implementation. The administration should meet and confer in good faith with AFSCME, before implementing any decisions affecting wages, hours, and working conditions of UCSB staff. I reiterate AFSCME 673's long time stance of encouraging the use of energy and resource conservation, as a means of saving money. I sincerely

hope that the "ruthless and toughminded" policy that Chancellor Huttenback stated he would have in 1981 (Nexus 1-22-81), is not in fact oppressive and narrow-minded. There are many ways to improve efficiency if this administration is willing to listen, and support, the creative ideas suggested by UCSB staff, faculty and students.

Michael E. Boyd

### UCen Booze

Editor, Daily Nexus:

Just lately I heard that now the UCen will be serving alcohol downstairs. I could not let this pass without making a protest. I came here to exercise my intellectual capacity, using my reason and human sensibility, expecting the institution to uphold the highest possible standards of these faculties. Now the latest word is that the university itself is contemplating sponsoring activity which is antithetical to these functions. Disappointment is obviated. The university's motives for existence are subject to question when such action is taken. No doubt this is not the first instance of things like this, but to put it plainly, basically I'd rather not see booze on campus, just like I'd hate to see the bookstore selling papers and spoons.

Improvement of society begins when each person begins to take responsibility for his own actions. If, therefore, you yourselves make destructive tools available to your fellow planetary inhabitants, then you yourselves will have to live on a planet populated by the people who use them. Would you want your sister to have to live with an alcoholic? Would you want your sister to be an alcoholic?

Just raising the question; the answer is obvious. I couldn't let this go by without pointing this out. I'm all for pleasure but I hate to see suffering that could have been defused.

Katherine Carino

### DOONESBURY



by Garry Trudeau



Joseph Kraft

## Relief with Restraint

WASHINGTON—The burst of national joy set off by release of the hostages expresses a constant theme in American life. It is the theme of isolationism, and its reemergence at this time shows how careful the new administration must be in its efforts to revive this country's influence in the world.

Mention isolationism, and people think of the dead past. There comes to mind the image of the scowling senator heaping curses on dirty foreigners. But isolationism can wear a smile as well as a frown. It has an enduring logic. It springs naturally from the American setting.

The United States is a continent that was made into a country. That achievement has at all times been supremely absorbing. Americans are a busy, throbbing people. We are ceaselessly buying and selling, always learning and teaching, constantly on the move. So why fritter away resources and energies in silly squabbles in faraway places? Better by far to cut entangled ties and be self-reliant at home.

For all of the hostages, release was the end of an ordeal — an unmitigated blessing. Inevitably, those who toiled to achieve that end felt elated. Predictably, those who reported the event became excited. Not surprisingly, those of us who watched were caught up in the excitement. Understandably, the highest officials of the outgoing administration wanted to associate themselves with the event.

To criticize the American reaction would be churlish. Still, those who think in terms of power discern a different reality. The seizure of the embassy and of the hostages was an illegal and unprovoked offense. Iranian officials then used the hostages in a shameless way to promote themselves and jerk the government of the United States about as if it were a yo-yo. In the end, those

who had humiliated this country were rewarded in a shabby payoff conducted in the atmosphere of a last-minute auction.

Judged from that point of view, the national rejoicing is a scandal. Instead of celebrating, Americans should have been thinking of the continued bad relations with Iran. They should have been worrying about security problems in the Persian Gulf and the probability of another energy crisis. They should have been showing concern for the men who died in the failed rescue attempt. Indeed, what was a day of celebration should have been a day of mourning.

Rightly or wrongly, however, those who think of national power do not hold absolute sway in America. Ours is not a country dominated by imperial yearnings, nor military pretensions. There is no enduring majority for adventures in remote places — especially if they take a toll in blood and money, and when their purpose is not clear.

So the hostage experience defines in a deep way the foreign policy mandate of the Reagan administration. There are limits to the enthusiasm for rebuilding forces and pushing other countries around. There are boundaries to the support for the projection of American political influence abroad and the application of economic muscle.

The new administration can assert itself abroad only after carefully counting costs. It must think hard about distances — especially psychological distances, as measured from Walla Walla, not Washington. It must weigh interests and be sure they are transcendent. It must mobilize opinion for objectives that are well understood. And then if it does decide for action, it must be absolutely certain to act effectively.



COMING HOME

## Public Transportation Scrapes Barrel for Money

By DAVID ARMSTRONG

In New York City's cavernous Penn Station, the last time I was there, an escalator connecting two heavily-used tracks sat motionless, forcing anxious rail commuters to scale the 40-year-old device on foot. The escalator had been broken for more than a year. Despite the inconvenience to passengers, no one knew when it would be repaired or replaced. There was, I was told, no money to do the job. The thing may still be broken, for all I know.

Such an otherwise small matter could pass unmentioned were it not such an unfortunately apt metaphor for the state of mass transit in America. As in the case of the paralyzed escalator, the know-how for reviving our public transportation system is here. The need for the safe, energy efficient, non-polluting service that public transit provides when it's taken seriously is here.

But the money — which is to say the political will — has

long been missing. The consequences range all the way from a chronically broken conveyance in New York to broken-down rail and bus systems in most parts of the country.

It wasn't always this way. As recently as the 1940s, America had one of the finest public transportation systems in the world. Fast, clean trains carried passengers and freight between towns, while within them, electric streetcars and trolleys, cable cars, ferries and buses helped stitch communities together. Automobiles were only part of a balanced transportation system. But then along came something called National City Lines (NCL).

NCL, as analysts such as San Francisco broadcaster Harry Anderson tell it, was the Trojan horse of mass transit. Bankrolled by General Motors (the nation's largest maker of buses), Firestone and Standard Oil of California, NCL went around the country in the late '40s buying up as

many municipal transit systems as it could. Once in the fold, those systems switched from clean, quiet electric light rail to gasoline-burning buses — vehicles built, fueled and serviced by NCL's parent companies.

Transit advocates, pointing out that the interstate system was financed with public money for the use of private cars, trucks and buses, are nearly unanimous in calling for public financing of all modes of mass transit. "Even Amtrak is a halfway measure," says Harry Anderson. "Why does a supposedly public agency have to have stockholders and a profit incentive written into its charter? It's because of our country. We're afraid to say it takes public money to finance transportation for the public good. But it does."

Anderson goes on to say that "many, many people" would benefit from a revitalized public transit system, "especially the poor, the elderly, the very

young and people in rural areas." Although he is a staunch booster of transit, Anderson is a realist when it comes to assessing its present lack of broad appeal. He scores transit's "subliminal turn-offs": noise, dirt, crime and unreliability associated with declining service.

Under a new president not known for his love of public

financing of public needs or rubbing elbows with the masses, a change in direction doesn't appear likely. As yet, Ronald Reagan has said little that seems hostile to public transit, though. So transit advocates hope his silence will translate into evenhandedness, and that Reagan will yet appreciate the high social and economic

costs of allowing transit systems to deteriorate still further.

If Reagan proves unmoved by their arguments — and lack of political clout — public transit is likely to join other examples of progressivism — public broadcasting, affirmative action, environmental safeguards — at the end of the line.

Joseph Sobran

## Court and Abortion

The week of Ronald Reagan's inauguration also marked the eighth anniversary of the Supreme Court's historic coup: On Jan. 22, 1973, the court struck down the abortion laws of all 50 states.

To this day it's not clear how seven justices managed to discover what had eluded the authors of the Constitution, not to mention generations of Americans, including 100 or so previous Supreme Court justices:

namely, that laws protecting the lives of the unborn violate the Constitution.

But there has long been a suspicious correlation between the court's understanding of constitutional imperatives and a more general cultural trendiness. As intellectuals decided pornography and Communism were okay, lo! The court found that the First Amendment protected pornography and Communism. As liberal social critics decided criminals were basically victims, behold! The court found that the Bill of Rights had mandated elaborate police courtesies to burglars.

The state giveth, and the state taketh away. Blessed be the name of the state!

Under this convenient philosophy, Stalin, Hitler, Mao, and numerous others have claimed and exercised the power of life or death over their subjects, secure in the certainty that no human judge could punish them, and no higher Judge awaited them. The Supreme Court, which stringently limits the conditions under which school children may allude to that Judge, seems to feel the same way about it. The court appears not to hold it self-evident that all men are endowed by their Creator with inalienable rights, beginning with the right to life.

On Jan. 22, 1973, the court made an absolute of its own relativism. The state must never declare any religion to be the sole truth, it reasoned. Therefore the states must behave as if all religions were false.

Of all the fanatical dogmas about God, the most fanatical of all is surely agnosticism. It doesn't just say humbly, "I don't know." It says arrogantly, "Nobody can ever know."

Worse yet, it says — blasphemously — "Nobody can ever know more than I know. But I do know this: That whether there is a God or not, whatever he may be like — physical or metaphysical, finite or infinite, feeble or omnipotent, stern or merciful, rational or irrational — since, as I have insisted, nobody can ever know more than I know, it follows that he can't reveal himself to us even if he wants to." That is like saying that you don't know what the real Jesus may have looked like — no one can ever know — but he must have been red-headed.

Better yet, it's like saying that we can't know whether or not the unborn deserve to live — but it would certainly be highly improper to prevent anyone from killing them. Which is what the Supreme Court has been saying now since 1973.



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## For Cancer Treatment

# Chemical Synthesis Aids Research

By ERIC KELLER  
Nexus Staff Writer

Manufacture of natural organic compounds known to be effective in treating several forms of cancer (a process which is currently unfeasible) may become easier and less costly due to new methods of chemical synthesis being researched by UCSB Assistant chemistry Professor Bruce Lipshutz.

According to Lipshutz, the chemicals daunomycin and adriomycin, which belong to a class of compounds known as anthraquinone antitumor agents, have been marketed in Europe for some time for treating such cancers as breast, bladder, lung, heart, artery and leukemia, as well as certain types of bacterial infections.

Anthraquinone antitumor agents are currently obtained by extracting them

from cultures of bacteria, Lipshutz said. It is also possible to synthesize these natural products by starting with natural precursor compounds such as the sugars glucose and galactose. "Synthesis of these products is an alternative to trying to pull them out of the natural source," which is often a complex process, Lipshutz said.

Daunomycin and adriomycin have already been chemically synthesized in the laboratory, but there are problems in the synthesis techniques currently used which make it unfeasible to manufacture these drugs in large amounts, according to Lipshutz.

The biggest problem with current synthesis methods is that the final product is a mixture of two different forms of the compound, only one of which is effective in chemotherapy use, Lipshutz said.

Many organic compounds, Lipshutz said, occur in two forms, known as enantiomers, which are composed of the same elements, but have three-dimensional structures which are mirror images of one another, just as human hands are copies of one another but can not be superimposed upon each other. Only one of these enantiomeric forms of the

anthraquinone antitumor agents, known as the optically active form, has the ability to couple effectively with compounds in the human body.

Current synthesis techniques only allow chemists to produce the drugs in what is known as a racemic mixture, one that contains both enantiomeric forms of the product. It is a difficult process to separate the two forms, Lipshutz said, and if the racemic mixture itself is used for medical treatment, it is less than 50 percent effective because the optically inactive form hinders the activity of the optically active form.

Lipshutz has been given a two-year Junior Faculty Research Award by the American Cancer Society to research methods for synthesizing the optically pure form of anthraquinone antitumor agents. He said this could be done by using optically pure forms of the precursor compounds galactose and glucose. Sugars are perfect for carrying out synthesis research, Lipshutz said, for,

unlike many chemicals, they are cheap and easy to obtain in an optically pure form.

Lipshutz cited four problems to be overcome in order to successfully synthesize the antitumor agents. The first problem, which Lipshutz says has been solved, is to protect hydroxyl groups from precursor to final product.

The second problem and one for which Lipshutz has already submitted papers for publishing, is protecting specific combinations of hydroxyl groups from being changed or removed from the main molecule during synthesis reactions.

The third and fourth problems, which Lipshutz is currently investigating, involve bonding carbon atoms to other carbon atoms at specific places on the carbon rings which form the body of the molecule, and insuring that carbon rings of the original precursor molecules, as well as those attached to them during the synthesis, remain locked in a specific structural form throughout synthesis.

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## Supervisors...

(Continued from front page)  
involved stressed that no  
county funds would be  
needed.

The board is expected to  
make a final decision on the  
project next Monday.

On the issue of mental  
health, the board approved  
by a vote of 5-0 the  
establishment of a 16-bed  
regional adolescent treat-  
ment program serving Santa  
Barbara, Ventura and San  
Luis Obispo Counties. The  
program facility will be  
located at Devereaux School  
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such a facility, it is hoped  
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costly psychiatric  
hospitalization, and the  
associated stigma and  
isolation, to a "re-  
education" model program  
in a community residential  
school district.

Approval was also gained  
by a 5-0 vote yesterday in  
favor of an amendment to a  
family planning contract  
signed by the board in July,  
1980. This contract provides  
reimbursement to the county  
by the State Department of  
Health Services for services  
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A plan to channel seven streams into the Goleta Slough as well as building a levee in the central portion of the slough is now under review.

Nexus Photo by Jeff Barnhart

## Channel Extension

# Goleta Slough Plan Under Review

A plan authorized by Congress 10 years ago to "channelize" seven streams above the Goleta Slough and Atascadero creek and to build a levee in the central portion of the slough is now under review by the U.S. Army Corps of Engineers.

The Goleta Slough is the large tidal mud flats that lie between the UCSB campus and the Santa Barbara Airport. Atascadero Creek empties into the slough from the west, next to the entrance to Goleta State Beach.

"We will evaluate whether the authorized project is acceptable or non-acceptable based on economic, environmental and public concerns," Joel Edstrom, the Corps representative and manager for the Goleta Flood Control Studies said. "A lot has changed in the period since the project was funded," he said.

Feelings and opinions of residents and experts in the area are being solicited, first by a form that explains the project and is to be returned to the Corps by mail with input, and secondly through a set of public workshops that are designed to educate residents and to continue compiling input. The

workshops are tentatively scheduled for late February.

As authorized, the project would channelize with land-fill and concrete the beds of Atascadero, San Jose, San Pedro, Glen Annie, Carneros, Maria Ygnacio and Las Vegas creeks. All these streams drain into the slough directly or by way of Atascadero Creek, eventually draining out at the mouth of the slough on Goleta State Beach. The network of seven streams forms a drainage basin for 30,000 acres, inclusive of all Goleta.

"If the project (as authorized in 1970) is not acceptable, we have the power to go ahead and reformulate the plan," Edstrom said. "We need to find out what the needs are that relate to flood control and water resources development."

Of the input Edstrom's office has received he said "There appears to be some interest in some kind of...well, not restoration of the slough, but the slough is degrading itself, it's silting in, and the environmental quality is not what it once was." The objective of a Corps project, according to Edstrom, would be effective flood protection and en-

vironmental enhancement.

As part of the plan, a levee would be built around the fill area of the slough that the airport sits on. Jim Stubchaer of the county Flood Control and Water Agency said he feels "the levee is an essential part of the plan to avoid having to do much work in the slough itself."

Edstrom said that in the past "Most projects that did not have net economic benefits were not recommended." Now, measuring both economic and environmental variables as well as public opinion, Edstrom said, "the test of feasibility is whether total benefits exceed total costs."

The project has received \$400,000 in study funds from Congress, according to Edstrom. The money will support studies for the next five years, construction on the final plan is set for fiscal 1986.

Originally, the channelization plans were drawn up and approved when Santa Barbara City intended to use part of the slough for recreational purposes. "At that time," Edstrom said, "the slough was not considered an important part of the overall project. (Now) interest from the community seems to be higher."

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- E27 Spanish and Portuguese — Undergraduate Program
- E28 Speech and Hearing — Graduate Program
- E29 Speech and Hearing — Undergraduate Program
- E30 Subject A: English Composition and English as a Second Language

### PRE-PROFESSIONAL PLANNING INFORMATION

- F01 Planning a Career in Business
- F02 Planning a Career in Journalism
- F03 Planning a Career in Law
- F04 Planning a Career in Medicine
- F05 Planning a Career in Special Education
- F06 Planning a Career in Teaching (Pre-Credential Information)



## Physics Institute Meeting To Attract 120 Scientists

Theoretical and experimental physicists from around the world including Japan, Western Europe and the U.S. will meet today through Friday at the National Science Foundation Institute for Theoretical Physics at UCSB for a conference on valence fluctuations in solids.

The conference will climax a research program on the subject which got under way at the institute in July, 1980. The meeting will be the first of six conferences and workshops scheduled at the UCSB facility in 1981.

The conference, which is expected to attract approximately 120 physicists, is being organized by Werner Hanke, professor of physics at the Max-Planck Institute, Stuttgart, Germany; Leo M. Falicov, professor of physics at U.C. Berkeley, and M. Brian Maple, associate professor of physics at U.C. San Diego. Hanke has been in residence at the institute since last July.

The conference will address theoretical issues as well as experimental findings concerning valence fluctuations in solids. The conference format will center around morning and evening sessions at which invited papers will be presented and afternoon poster sessions for contributed papers. Invited and contributed papers will be published in a conference proceedings.

In the solid state which is formed by ions and electrons, the ion usually retains a certain valency — as in chemical compounds.

However, in a class of solid state materials called fluctuating valence solids, the valency can be thought of as fluctuating on a very rapid time scale between two integer numbers whereby the ion loses or gains an electron.

Hanke explains that the fascination as well as the theoretical difficulty with the subject stems from the fact that, in this dynamic process, inner shell electrons of the ion are involved which are exposed to strong interactions among themselves.

He adds that, from this situation, a variety of very unusual electrical and magnetic properties emerges which will be the subject of the conference.

## Hutchins Center is Now A California Corporation

New by-laws and articles of incorporation for the non-profit Robert M. Hutchins Center for the Study of Democratic Institutions have been approved by the attorneys general of New York and California, it was announced by Chancellor Robert A. Huttenback of UCSB, the home of the center.

The new governance documents for the center move the corporation from New York to Santa Barbara and dissolve the Fund for the Republic, the center's former parent organization.

The first action of the new corporation was to name Dr. James Grier Miller as president of

the center. Dr. Miller, former president of the University of Louisville, had been executive vice president of the center and co-chairman of its board of directors.

The Hutchins Center became affiliated with the university in July, 1979, at which time the Fund for the Republic remained as a New York corporation. In the period since the merger, new by-laws and articles of incorporation were devised and approved by the center's board of directors before being forwarded to the states of New York and California for official enactment.

## Visiting Engineer To Consult, Lecture

John R. Whinnery, professor of electrical engineering and computer science at U.C. Berkeley, will visit the U.C. Santa Barbara Department of Electrical and Computer Engineering during the week of Feb. 2 under the department's distinguished visitor program.

Whinnery, who has been widely honored for his contributions to research and engineering education, holds the title of University Professor, conferred by the U.C. Regents on recommendation of the president of the university.

Whinnery is one of 11 faculty members who now hold the title, which is reserved for distinguished faculty who have been recognized nationally and internationally as scholars and teachers of exceptional ability. A university professor may visit a number of U.C. campuses during any given academic year.

During his five-day UCSB stay, Whinnery will be available for consultation with faculty and students on research and teaching matters. Appointments may be made by calling the department office at 961-3151. He also will present two seminars which will be open to members of the campus and general communities.

His seminars, on Monday, Feb. 2, and Wednesday, Feb. 4, will be held in 5120 Engineering Building at 4 p.m., with refreshments preceding at 3:50.

Whinnery's seminar subjects will be:

Feb. 2 — "Generation of Ultrashort Optical Pulses and Conversion to Electrical Pulses,"

and Feb. 4 — "Semiconductor Lasers and Their Potential for Power Combination by Optical Waveguide Networks."

Whinnery's pioneering research interests have spanned a broad range of subjects in electromagnetism, from his earliest work in electromagnetic theory to his most recent research in quantum electronics and the use of lasers in communications.

A textbook he co-authored more than 25 years ago, *Fields and Waves in Modern Radio*, has had an international impact on electrical engineering education and continues to be the dominant text in its field.

For his work, Whinnery has received a number of awards and honors, including election to the National Academy of Engineering in 1965 and the National Academy of Sciences in 1972.

After receiving a B.S. degree in electrical engineering from U.C. Berkeley in 1937, Whinnery was employed by the General Electric Company, Schenectady, N.Y. There he worked on problems in waveguide discontinuities, microwave tubes, and applications to radar. He returned to Berkeley in 1946, receiving his Ph.D. in 1948 and then joining the faculty.

**This public service page was prepared by the UCSB Public Information Office.**

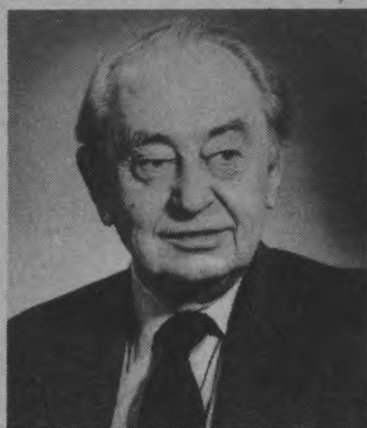
## Archaeology Society Honors Professor Albert Spaulding

The Society for American Archaeology has chosen Albert C. Spaulding, professor of anthropology at U.C. Santa Barbara and an authority on North American archaeology, as the 1981 recipient of the Distinguished Service Award, the society's highest honor.

The award is given annually to "a distinguished member of the society whose achievements have been clearly extraordinary in nature and have resulted in an outstanding and lasting contribution to the archaeological profession." It will be presented to Spaulding May 1 at the group's annual meeting in San Diego.

In 1977 the society's quarterly journal, *American Antiquity*, dedicated a special issue to Spaulding's work and contributions in anthropology.

Spaulding, a former president of the society, has conducted ar-



Professor Spaulding

chaeological excavations throughout the eastern United States, Alaska, the Aleutian Islands and, recently, Santa Cruz Island.

He is regarded by his colleagues as "one of the great pioneers in the applications of quantitative

methods in archaeology," a reference to his use and promotion of statistical, scientific and comparative approaches in the interpretation of data.

He was one of the first anthropologists to emphasize laboratory study, collation and interpretation of data from a wide area in contrast to an intensive program of excavation in a single region.

A former dean of the UCSB College of Letters and Science, Spaulding held positions with the Universities of Oregon, Michigan and Kansas, the National Science Foundation and the U.S. Forest Service before joining the UCSB faculty in 1966.

Currently he is completing both a report on the stratigraphy of the Prisoners Harbor site on Santa Cruz Island and a book on the fundamentals of archaeological description and analysis.

## Washington 'Bureaucrats' Get Support from Student Engineer

Those "bureaucrats" in Washington, D.C. may be more competent and intelligent than people like to think.

At least that's the conclusion of Andres Tugendhat, senior in electrical engineering at U.C. Santa Barbara, who spent 10 weeks in the nation's capitol as part of a new internship program.

During his Washington stay, Tugendhat had a chance to meet a broad range of people — members of the legislative branch, executive agencies and private industry. By the time he left, he admits he was suffering from a case of "Potomac fever."

Tugendhat was one of 15 junior engineering students from around the U.S. selected to participate in the inaugural run of Washington Internships for Students of Engineering (WISE) conducted by the American Society of Engineering Education (ASEE).

WISE is part of a larger program, Educating Prospective Engineers for Public Policy, being conducted under funding from the National Science Foundation.

The NSF funding was supplemented by grants from private industry, and the students themselves were backed by professional engineering societies. Tugendhat's sponsor was the Society of Automotive Engineers.

The purpose of WISE is to make young engineers aware of how technically oriented issues are adapted to conform to the needs of larger public policy.

Each intern was expected to conduct research on a specific matter involving both a technical and a public policy issue and then prepare a case study.

For his project, Tugendhat investigated the discrepancies

between the estimated fuel economy figures used by the Environmental Protection Agency and true automobile performance.

He concluded that "many of the discrepancies are due to problems in test procedures established by EPA. These procedures cannot be changed drastically due to statutory constraints and the large cost increases that would result for the automobile industry."

Tugendhat said that his specific projected provided an excellent



Andres Tugendhat

example of a program requiring consideration of technical along with economic, political and legal issues. Since that is often the case, he concluded it is important for technical considerations to play a key role in policy formulation. Equally important is the need for technically trained people to understand the policy formulation process.

In preparing his case study, Tugendhat consulted with people at EPA, the Department of Transportation, Ford, General Motors and staff members of Congressional committees. He found all the people accessible and helpful. His final report has been turned over to ASEE's

Engineering Case Study Library, where it is available to instructors who want to integrate "real life" problems into university engineering courses.

Tugendhat's Washington experience has left him with a variety of questions about the present and the future. He wonders whether the requirements for getting an engineering education allow enough time for non-engineering courses in the social sciences.

Tugendhat also is unsure what he will do after he gets his bachelor's degree in June. His options include getting a master's in business administration or going to law school. Whatever his decision, he feels he would like to return to Washington someday.

## Asian Enterprise Subject of Talk

Ivan Light, professor of sociology at UCLA, will speak and show slides on "Asian Enterprise in America: Koreans in Los Angeles" Tuesday, Jan. 24 in UCSB's Ellison Hall 2824 at noon.

Professor Light has published extensively in the area of minority enterprise and ethnic studies, and his book, *Ethnic Enterprise in America*, has become a classic in the field of minority economic development.

The talk is sponsored by the Asian American studies lecture series.

## Jonathan Edwards

A study on the 18th century American theologian Jonathan Edwards has become the first doctoral dissertation by a student in the English Department at UCSB to be published as a book.

Written by Terrence Erdt and dedicated to Lawrence Willson, emeritus professor of English at UCSB, *Jonathan Edwards: Art and the Sense of the Heart* (University of Massachusetts Press) is believed to show for the first time that in Edward's theology art played a vital role in the appreciation of the experience of the divine.

According to the author, the book had its origin in a series of seminars at UCSB in which Professor Willson raised "such intriguing questions and offered so many more challenges than answers" that Erdt spent eight years "happily absorbed in a labor that previously I would have thought dreadful."

Erdt received his Ph.D. degree in August of 1977. He has previously published on Edwards in the magazine *Early American Literature*.

## UCSB Team Unearths Old Stone Corral at Santa Ynez

Archaeologists have unearthed the walls of a stone structure at the Santa Ynez Mission which they believe may have been a large corral constructed under supervision of the mission padres in the early 1800s.

Located south of the Solvang post office on Alisal Road, the structure is in the approximate area which mission archives indicate a large corral stood. Confirmation of the structure's function must await further excavation.

The archaeologists are from UCSB's Office of Public Archaeology, a division of the campus' Social Process Research Institute. They are working under contract with Santa Barbara County under terms of laws which require the filing of environmental impact reports on historical sites slated for construction projects.

Developer Darryl Nielsen of Solvang has made plans for the construction of a large hotel at this site.

The Santa Ynez Mission was founded in 1804, an adobe church being its first structure. It was the 19th of 21 mission built in California under Spain's plan to colonize and Christianize Alta California.

Constructed over a period of 42 years, the Santa Ynez Mission complex consisted of a church, residences, barracks, mill, storehouse, granary, seminary, soap factory, stable, aqueduct and other facilities.

Field archaeologist in charge of the excavation is Julia Costello, a UCSB graduate student in the Department of Anthropology.





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**Research Center  
May Start Expansion**

Construction may soon begin on a major addition to the Santa Barbara Research Center, following approval of the Research Center's plans by the Santa Barbara County Planning Commission ten days ago.

The expansion will be a 112,044 square foot building for light industrial purposes, site of the Research Center's main facility, 75 Coromar Drive, near Hollister Avenue.

The project involves construction of a single-story building of nearly 75,000 square feet, and a basement of about 37,000 square feet at an estimated cost of 10 million.

The Research Center, a subsidiary of the Hughes Aircraft Corp., does work in fields related to infrared and electromagnetic technology. Al Paul of the Research Center said, "One area (of research) is in the development of detectors, along with other equipment and instruments for satellites." Paul said that "practically all research is under government contract."

In 1979, the Research Center applied to the county Planning Commission for the first stage in the building process, partial development plan approval, but the application was denied. The reason for denial was "the planning commission felt that we were going to vacate leased buildings, and that the people moving into the buildings would be from outside the Santa Barbara area. They felt that would create a housing problem," Paul said.

However, the Research Center appealed the ruling to the County Board of Supervisors Feb. 4, 1980, and the decision was reversed, allowing submission of the final plans.

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**University Report**

(Continued from front page) clear what effect the results will have on university policies. "This is a good example of how student participation can work," according to Tony Zimmer, a graduate intern to assistant chancellor for Planning and Analysis who was involved with the report. "It's the first step toward implementing a great deal more student participation," Zimmer said.

MacDonald is not sure what changes will result from the student input in UCSB's governance study because "it's ultimately up to the whims of the Academic Senate" to decide what changes will be implemented. The study could mean nothing if the Senate disagrees with the study results, MacDonald explained.

"The bulk of the recommendations have been implemented," Birch said, "but we still don't have a great deal of student participation in academic governance."

Both Zimmer and Birch believe one major problem with student participation involves the quality, not the quantity, of the input. "It has happened all too often" that student representatives on committees do not adequately prepare for the meetings or actively participate, Zimmer said. "Frankly, the quality of participation is pretty low in my opinion."

The tenure process at UCSB is another area discussed in the Self-Study Report. "One cannot quarrel

that the predominant weight rests on research and creative activity" in the faculty review process, according to the report. The university is trying to "find ways of more adequately rewarding excellent teaching," the report continues, but goes into no further detail.

"A faculty member can't be promoted unless their teaching is judged to be effective" and this process includes student evaluation, according to Richard Jamgochian, a UCSB faculty member who is WASC liaison officer. "Ever since the riots, more attention has been given to teaching," Jamgochian said.

MacDonald said, however, that the way the tenure process now stands, an excellent teacher who is a poor researcher may be denied tenure, while a faculty member who is a poor teacher but an excellent researcher is guaranteed tenure. "The university sometimes tends to forget its dual role as a teaching and research institution," he said.

Until the WASC accreditation team visits UCSB at the end of February, change resulting from the Self-Study remain to be seen.

Overall, MacDonald believes there is a lack of critical self-appraisal in the report. It is a foregone conclusion that the university will have its accreditation renewed so the students should have taken a more critical look, according to MacDonald.

**Plan for Slough**

(Continued from p.7, col.4) "navigable." Ships actually moored near the current junction of Fairview and Hollister. In 1862 a heavy rainfall following a severe two-year drought carried enough sediment down the hills to turn the original "Goleta Bay" into a tidal flat.

As forest fires and human

settlement bared more soil, Stubbs said, the silt ended up in the slough. By 1938 tidal activity was almost gone.

Currently there is limited tidal flushing in the slough after a 1970s dredging project in the slough and surrounding creeks that was carried out by the Corps, Stubbs said.

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## Cal Drowns UCSB Swimmers

The UCSB swim team encountered rough seas on Super Bowl weekend. Up against two of the toughest teams in the country, the Gauchos dropped both meets, losing at UCLA on Saturday, and, on a not-so-super Sunday, were humbled by Cal and its troops of world class performance, 73-38.

"It was a tough weekend," Coach Gregg Wilson said, "and, although we lost, we learned. Both teams swam their best studs in their best races. At least they thought enough of our ability to swim these guys against us. We've had problems gaining respectability, and I think this shows that we have gained some respect."

The only UCSB winner of the day was Paul Goodridge, who after a horrendous start in the 100-yard freestyle, came roaring back to win in 45.9. He also bettered the field in the 200 free (1:41.0), not one of his favorite events.

Goodridge continues to impress, and is undefeated at the 100-yard distance, swimming against extremely tough competition. For example, on Sunday he beat Cal's Pelle

Holmentz, a Swedish bronze medal winner in Moscow.

Although no other Gaucho was victorious, many were pushed to lifetime and seasonal bests by the superior Bears. Eric Eminente swam a lifetime best in the 1000 freestyle, grabbing second place behind Paulo Ravelli, also a performer in Moscow. Eminente's time was 9:31.6, and Ravelli's was 9:15.7, which puts him among the top five NCAA performers this season in that event.

Murat Ozuk (1:55.4) was touched out by Cal's Dave Wilson in the 200 IM by a tenth of a second, and Dave Robinson took a show in the 200 backstroke with a time of 1:59.7.

Wilson commented that Robinson is beginning to assert himself in what otherwise has been a weak event for the Gauchos.

Battling a bad cold, Pete Colbeck put in a good effort against world record holder Peter Schmidt in the 500 freestyle, finishing second with a 4:37 clocking.

## UCSB Has a Busy Week

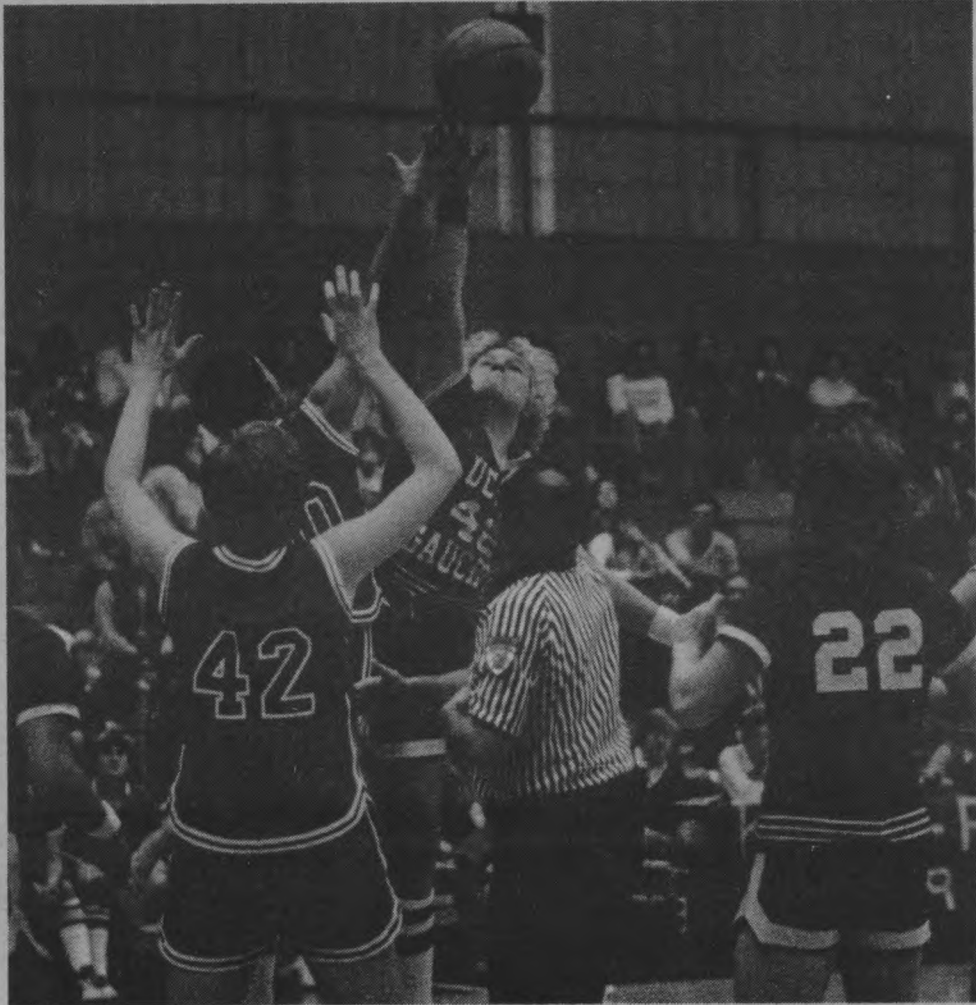
Although the UCSB women's basketball team has just returned from a tough road trip, they won't have time to rest. Instead, they'll travel to play San Francisco State today, the University of San Francisco Thursday, and Cal Poly San Luis Obispo on Saturday.

Only Cal Poly is a SCAA foe, but the other games are just as important to the Gauchos' playoff drive.

"We're at a crucial point in our conference schedule," UCSB head coach Bobbie Bonace said. "We need a chance to clean up our mistakes. In the San Francisco games, we can test things we don't want to try in league play."

The non-conference games can affect UCSB's post-season fate in another way. If the Gauchos don't win the SCAA title, they could qualify for the playoffs as an at-large team if their overall record is good enough.

No one can accuse the Gauchos of scheduling easy non-conference games to inflate their record, however, USF is currently ranked 19th in the nation among Division I schools.



Forward Karen Griffith who transferred from USC this year goes up for the tip as Patty Franklin looks on. The Gauchos play San Francisco State tonight and USF tomorrow.

Nexus Photo by Greg Harris

## Gaucha Gymnasts Place Second

UCSB registered its highest total of the year in their men's gymnastic meet last Saturday night. The 203.20 score was good for a win over Sacramento State (198.25) but not enough to beat San Jose State, who won the tri-meet with a score of 232.95.

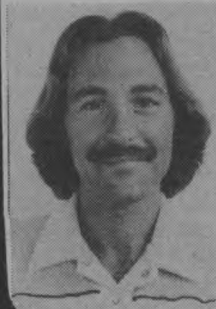
Bob Kohut starred for the Gauchos as he totalled a lifetime best in the all-around competition (48.35) and earned a first place. Kohut has his sights set on breaking the school record (48.80) this year.

Rich Burns earned another first for UCSB in the still rings (8.65) and

teammate Todd Dean established a lifetime best with a 46.35 score in the all-around, good for second place. Jeff Caan tied the school record in the vault (9.35). Caan and Dean set the new standard last week.

"The guys are really putting it together," remarked Gaucho coach Steve Johnson. "We're improving with every week." Last week 14 of the 31 entrants set new personal bests.

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## Cannons

(Continued from front page) from the Civil War era. "The California coast was under attack during the Civil War by the Confederate Navy. If a ship was blown against the cliffs, the cannons would have gone straight to the bottom. There may be more cannons out there."

"It is very possible there will be further excavation in the area using an underwater metal detector," Frost predicted.

Harter said he was walking with two friends along Goleta Beach at about 3 p.m. Wednesday afternoon when he found the cannons. "The objects looked like cannons, but

were so heavily encrusted that it was hard to tell."

Harter then went home and called the Santa Barbara Historical Society, and was referred to a local historian. They set up an appointment for Thursday afternoon at 3:30 when the tide would be low enough to view the cannons.

"We had to get permission from KTMS and the gas company to go through their property above the cliff, and when we got there, there weren't only two cannons, but five were exposed."

"I was totally convinced that they were cannons," Harter said. "But this historian didn't think that they were. He said he'd go back and give his report to

the historical society, but left us with a 'better luck next time' sort of feeling."

Harter, who taught high school science for seven years, said he would like to stay involved with the future of the cannons.

Harter has written a letter to the National Geographic Society requesting to enlist his help in possible further exploration and excavation.

Although Frost said he had been informed that the county will prosecute anyone who tries to scavenge the area where the cannons were found, a spokesman at Goleta Beach said there had been 100 to 200 people there the last two days with metal detectors, searching for more artifacts.

## Lappe on Food Scarcity

(Continued from front page) starvation for large populations. She cited the Nestle corporation which recently promoted its products in India and caused more harm than good. Foreign aid to countries like El Salvador, she said, should be eliminated because "government-to-government

aid cannot reach the powerless because it is channeled through the powerful."

"If the solution to hunger lies in the redistribution of political power," Lappe said, "we have to take responsibility for all our life decisions." She believes that

all people can be involved in changing the world situation, while at the same time improving their personal lives. "We must come to see the tragedy of hunger as a tool for understanding the world. Seize these tools for the liberation of the world's people and for your own liberation."

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Tired of loud noise? Earplugs, \$1.00, 685-2439

#### MASSAGE CLASSES

Deep muscle massage & tension release will be taught & practiced. Sun. or Tues. eves. 5-classes beg. 1/25 or 1/27. UCSB. For info & registr: 968-6653.

HOODED PULLOVERS from Mexico. 100% cotton, only \$13.95 Carolyn 685-5532.

#### WET

RAINGEAR - ponchos, full suits, transparent slickers. WETSUITS O'Neill Animal Skins & LD3 full suits. New & used surfboards & Wind-surfers. CLEARWATER I.V. Village

#### WARM

Sweaters - all wool & wool blends. Wool socks, hats, & gloves. Many types of sweatshirts & pants.

#### CLEARWATER I.V. Village

#### VARIETY

Dockside - leather boat shoes. Hackey Sacks, Backpacks, coming soon - the 1981 Speedo Swimsuits for men & women.

#### CLEARWATER I.V. Village

Portraits, Weddings, Pictures of parties. Call Paul 683-1175 evenings only 7 pm to 10 pm

### Movies

Actors Auditions 16mm short film 6508-A Del Playa 1/29, 3 p.m., 968-4980 Jim; 968-4941 DB.

### Kramer vs. Kramer

Friday Jan. 30, 6 p.m. \$1.50, 8 and 10 \$2. Bring a can of food for the Community Food Bank and get 50 cents off of admission. Presented by the A.S. Community Affairs Board.

The Song Remains The Same LED ZEPPLIN  
1/29 Chem 1179 6, 8:30 11 \$2

### Rides

Ride needed to Mammoth or area, Feb. 13 or 14 will share expenses. Call Kathy 968-7060.

### Help Wanted

#### Work Study Positions

We are interested in students with work study allocations as follows Admin Asst.: \$5/hr. Asst. Office Mgr. No.2 \$6/hr. Asst. Office Mgr. No.1 \$7/hr. Public Relations and Community Liason: \$7/hr. Kindly contact us for information and a personal interview.

#### Humanistic Mental Health 682-3330

Sports coordinator for 8-12 yr. olds, 3-5 p.m., 2-4 days/week, work/study position for male or female. I.V. Youth Project 968-2611.

OVERSEAS JOBS - Summer/year round. Europe, S. Amer., Australia, Asia. All fields. \$500-\$1,200 monthly. Sightseeing. Free info. Write IJC Box 52-CA43, Corona Del Mar, CA 92625.

EXPERIENCED GUITAR PLAYER wanted for original NEW WAVE band. We are professionals with gigs lined up. Call 965-4138.

#### Black Artist Needed To Exhibit Art Work

- Black History Week. Call Marnyce after 5:00 p.m. 968-2798.

Work-Study job available now at the Isla Vista Legal Clinic. \$5.50 hour for a secretary. Type 50-60 wpm experience in office helpful. Good experience, friendly environment. Call, Liz or Cin 968-9798.

#### WORK-STUDY

Need teller for I.V. Credit Union, Exper. preferred, \$5/hr. Call 968-1418, 11-3 or 685-2450 and leave message. Start ASAP

### For Rent

All util. paid. \$100 S.B. studio, partly furnished, lease free at Rental News 682-4848.

3 bdrm \$550 dplx, in I.V. Fully fenced major kitch appls. at Rental News 682-4848.

Isla Vista. 2 bdrm \$445 total furnishings 2 baths kid OK. Call Rental News 682-4848.

\$390 for 2 bdrm. Isla Vista 2 baths clean crpt. thru. Today 682-4848 Rental News.

Looking for a roommate? \$180 Isla Vista near beach. Patio. Rental News 682-4848.

3bdrm Duplex in IV \$550/mo. 6622 Pasado 1, 2 or 3 rooms available now 685-1462.

Own room for rent in Del Playa duplex. No Preference, \$180 per month Avail Now, Non Smoker Quiet 968-3264.

ONE BDRM APT, furn, carp, facing ocean, one blk from campus on ST, Call 968-3372.

Share lg. 2br. 2ba furn. apt. I.V. mature resp. employed adult! \$225&util. & depos. 961-2946 or 3153.

### Rmmt. Wanted

Female nonsmoker needed to share bdrm in nice I.V. 2 bdrm apt \$115/mo available immediately. Call Karen after 4 p.m. 685-5157

1 bdrm Sabado Tarde quiet M wanted Imm. Call Jim or Mike 685-1140.

\$103.75

6505 Pardall Road no.3  
3 rmmts, need extra one share in kitchen, laundry. Cal 685-2050 now, ask for Daniel Alan Jon

Male share xln1 1 br now \$140 great loc, sundeck. Serious, fun: Ken 968-5328. Early Best.

Room for rent in Mesa four bedroom house \$175/mo and last and deposit 965-5962.

I'm looking for a rm to rent in I.V. starting Spring Qtr. Pref close to campus. I'm a non-smoking F. Please call Michelle 968-2949

F rmt needed now to share rm 2 bed 2 bath, close to campus. Fun and study 968-4492-6591.

Need fun loving F to share rm. in beautiful oceanside apt. Avail now \$140 685-4446.

Room available immed. for one or two F. Clean sunny apt. next to campus. 968-3652 or 968-4607.

M Roommate wanted 2 share 1 bdrm apt. Close 2 cmps Feb 1st Call Jeff anytime 968-8432.

2 F to share room in DP apt \$135/mo available 3/21 lg living rm fireplace. Furnished! Call Tara or Lori 685-3223.

1 F nonsmoker needed to share rm in 2bd/2bth Fr Qtrs Apt \$112.50/mo Call 968-1815.

M non-smoker needed 4 1 bdrm apt 6548 Cordoba \$145/mo start Feb. Call Jim 968-2274.

M/F roommate wanted By Feb 1st 685-3459 Ask for Dave or Doug

F needed to share room in Large, beautiful condo in Goleta. Non-smoker. 967-8632.

I'm looking for a Rm to rent starting Sprg. Qtr. Prefer Goleta or Upper State area. I'm a nonsmoking F. Please call Anna 968-2106.

I SPECIALIZE IN SHARES CALL JOANNE AT "ROOMMATE REFERRALS" LIST PLACE FREE 963-5932

### For Sale

Rickenbacker 360 Blk; Gibson SG White '63; Fender Tele F Hole 65; All best of. 968-7316.

Men's one speed I.V. Cruiser \$45. Women's 3 speed \$65. 968-7316.

Panasonic pocket cassette recorder w/built-in mike, rechrable, \$45, 685-1723 eves.

Fender Telecaster Like New '76 model hardly used asking \$300 with case, Roy 968-8033.

Garelli moped great cond. Save gas and have fun riding, asking \$280, Roy 968-8033.

Coffeetable, 12x10 section rug, oriental rug, moving, MUST SELL 685-4933.

Wedding-Engagemnt ring ladys 14k gld 3dwt, 16pt solitaire diamond, new \$460 968-9530.

List your ad here, under "For Sale" for only half-price anyday between noon & 1 p.m.

1974 Vespa Diaggio 150 Sport. Great transpo newly painted 100 mpg Pam 682-7256, \$300.

Wetsuit-Seasuit size Medium. Trade for bicycle John 965-3102.

Double bed, Excl cond., \$70 or best offer. Call Nan 964-5486, eves.



Thinking of sending  
a Valentine message  
to your true love?  
Well, now you can!

Deadline Feb. 10  
5:00 p.m.

turntable - Fisher good condition - call Nancy at 685-2950.

4-Sale HP-67 calculator Lots of ass, and software Call after 6 p.m. 968-2412.

Skiers, bicyclers, skaters, do your sport in stereo with Astraltune Stereopack. 25% off sale now! Pam 968-2843.

Rip Curl Large Full, taped wetsuit good/xlnt condition \$95 obo Thegn 962-9069.

Freeline Design surfboard 6'10" w/leash & bag \$150. Also Royal Sound Cassette w / tuner \$100. Call Dirk 968-7529.

### Insurance

INSURANCE! Auto-Motorcycle 25% discount possible on auto if GPA is 3.0 or better. Poor driving record or assign risk OK.

Farmers Insurance 682-2832. Ask for Lin Sayre or Patty

DO YOU HAVE INSURANCE TO PAY FOR OFF-CAMPUS MEDICAL BILLS? If not, better buy UCSB Student Accident & Sickness Insurance. \$58 will cover you until 9/17/81. Pay cashier Cheadle Hall. Dependents see Cashier UCen. LAST DAY THIS QUARTER TO BUY IS 2/6/81. NO EXCEPTIONS. Call 961-2592 for more information.

### Autos for Sale

VW Bug, good cond, new brakes, clutch, interior re-done MUST SELL! \$1,700 call 968-4506.

'71 Fiat 124 Red good transpo, great mpg, good tires, 4door \$800 obo, call 969-3507.

1974 4door brown Fox Audi, 69,000 mi, sunroof, new transmission, 2 speakers, one owner, \$2,500. Mrs. Brickley 969-5011, 969-6472.

'69 VW fastback. Mechanically sound, body wrecked. \$650 OBO, or parts 968-6247.

### Typing

Discount rates. 24 hr. service. All work guaranteed. 967-7670 964-0423 967-9311 Gloria.

#### PROFESSIONAL TYPIST

No job too small or large Pica or Elite Type 964-7304

Typing-Editing, 70 WP-Grammar corrected for good grade. Norm, 685-2323 eve.

Professional typing/editing, theses, reports, resumes, etc. pica or elite. 964-9500.

Typing by Audrey 965-0420. Fast, accurate and reliable. Term Papers, Thesis, Tapes, etc.

Expert Typing and Editing for the best presentation of your work. 962-5231.

### Wanted

Women's "A" league Slo Pitch Softball. SB city league team needs top quality players for Monday night summer league March to Aug. Roger 966-4528.

### Lost & Found

LOST: Gold Ring w/ blue-green opal around Storke, F. 1/21. If found, call 967-9260. Reward! Sentimental value.

Lost glasses with peach colored rims in red and green cloth case. If found please call Lynda 687-2979. Reward.

Found gold ring by Campus Pt. on 1/21. Call and identify 964-6489.

Found: Surfboard washed ashore Tues. 1/20 at Devereaux Pt. Owner call 685-3591 after 6 p.m.

Whoever borrowed a ladies blue Raleigh from 6511 Del Playa on 1/16/81 PLEASE return No questions asked Jan.

### Motorcycles

74 Yamaha TX500 12500mi runs and looks great \$495 Ventura 644-1485.

### Musical Inst.

Roland Electric keyboard excellent cond. \$550 \$600/w stand Call 962 9236 evenings.

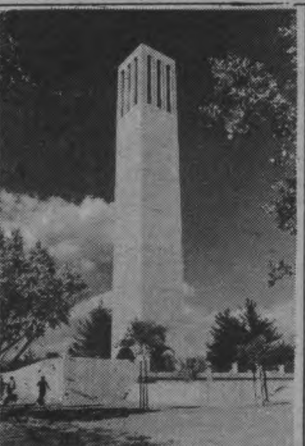
### Stereos

CHEAP STEREO Turntable, rcvr, spkrs, 100 albums. \$175 cash. 968-8082.

The competition comes and goes, but STU'S STEREO remains the sole distributor of ALL brands of hi-fi gear at the lowest prices. Call 968-2162.

### Tutoring

Tutoring math, science, engineering Call 682 3115 after 6 p.m.



NOW  
M-W-F

10:30 am - 1:30 pm  
**STORKE  
TOWER  
TOUR**

See the beautiful panoramic views from the Storke Tower. Only 10c per person.