

An Important Role in Nuclear Development for UC

This is the first of a two-part series.

By William Justin

On July 16, 1945 the first atomic device exploded from a tower 100 feet above the New Mexico desert. The University of California played an important role in the bomb's development, as they have in all subsequent nuclear weapon designs.

When the Los Alamos laboratories were built in 1943 by the Manhattan Engineer District, the University was contracted to operate them. On August 1, 1946, a little over a year after the first device was tested, President Harry Truman signed the act creating the Atomic Energy Commission, establishing civilian control over the wartime Manhattan Project. The University continued its management of the Los Alamos Labs under the AEC.

Today, the University of California has laboratory management contracts with the Energy Research and Development Administration (the successor, in January 1975, to the AEC) totaling more than

From the Manhattan Project To the First Hydrogen Device

\$625 million. In addition to the Los Alamos Scientific Laboratory, whose government owned plant and equipment are worth \$623.3 million, the University operates laboratories for ERDA in Livermore, Berkeley, and Los Angeles. It is at Los Alamos (LASL) and the Lawrence Livermore Laboratories (LLL) that University personnel carry out all of the United States' research and development of nuclear weapons.

The story behind the United States' decision to build the atomic bomb began in August, 1939, when President Franklin Roosevelt received a letter signed by Albert Einstein. The letter had been prepared for Einstein by two physicists who would later take part in the construction of the bomb, Leo Szilard and Eugene Wigner.

"Some recent work by E. Fermi and L. Szilard," the letter began, "leads me to expect that the element uranium may be turned into a new and important source of energy in the near future."

The letter went on to point out that Germany had also been experimenting with uranium; it ended with the speculation "that extremely powerful bombs of a new type" could be constructed, using a "nuclear chain reaction in a large mass of uranium."

It was the fear that Hitler's Germany might be attempting to build a uranium bomb that led Roosevelt to begin America's bomb program. In fact, as late as 1943, Roosevelt reportedly believed that the Germans were ahead of the United States in building a nuclear device. (As it turned out, Germany had

made little progress toward constructing an atom bomb.)

In July 1941, Professor Ernest O. Lawrence, director of the University of California Radiation Laboratory in Berkeley, reported on the discovery of Plutonium and its possible use in what he called a "super bomb."

On December 6, 1941, the day before Japan attacked Pearl Harbor, top American scientists met and decided, in the words of Harvard University President James Conant, the "the possibility of obtaining atomic bombs for use in the present war was great enough to justify an 'all out' effort."

In August 1942, the Manhattan Engineer District began work on the atom bomb, enlisting top civilian scientists under the supervision of the Army Corps of Engineers. A top-secret laboratory was built in New Mexico to perform the actual design and construction of the weapon. The laboratory, in Los Alamos, was directed

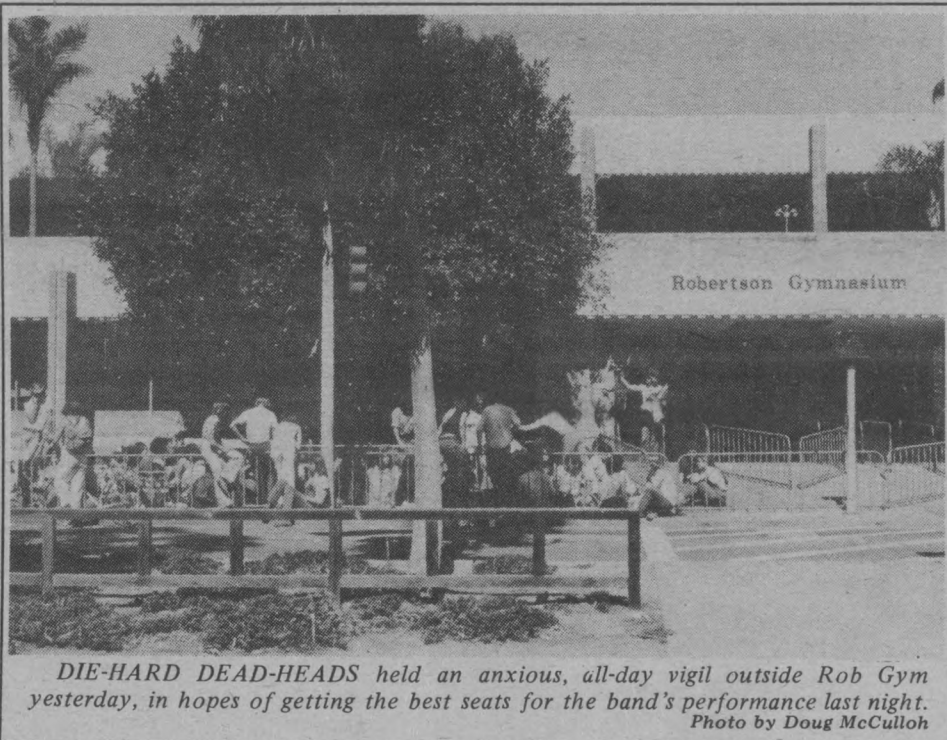
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DAILY NEXUS

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University of California at Santa Barbara

Monday, February 28, 1977



DIE-HARD DEAD-HEADS held an anxious, all-day vigil outside Rob Gym yesterday, in hopes of getting the best seats for the band's performance last night.
Photo by Doug McCulloh

Report on Oil Pollution Wins Grant Renewal

By John Wilkens

UCSB's Marine Institute (MSI) has recently had its federal grant renewed to continue publication of a quarterly report on oil spills and oil pollution.

Funding for the investigation and publication of the report comes from the United States Environmental Protection Agency (EPA). This year's grant totals \$49,056.

"This will be the third year of the grant," said Penny Melvin, an MSI research associate. "It's basically a one year grant, and the funding is for the compilation of a concise, comprehensive, bibliographical series on oil pollution."

Although the MSI is slated to receive

the grant, according to Bob Davis, Assistant Contracts and Grants officer, there is one minor problem to be ironed out before the funds can be allocated.

"The status of it (the grant) is that we have received a notice from the EPA of their intention to award the grant," Davis said. "We haven't accepted it yet, though. We're going to call the EPA Monday morning to work out the one minor detail and we hope to sign it this week."

According to Melvin, the one minor snag is merely "a technicality."

"The grant was to be awarded as of March 15," she explained. "But this year's grant ran out a month ago."

MSI is filing a petition in hopes of gaining approval to pull funds out of the new grant to pay for last month's research. "It's called deviation," Melvin said.

Melvin and Dr. Henry W. Offen, director of MSI, are the principal researchers for the report, which, according to Davis, was "born out of the fact that the first major attention towards oil spills was focused here."

MSI's report, which is available through the National Technical Information Service, is primarily an "aid to researchers at Universities and Libraries, as well as government officials," said Melvin.

"The specific objective of the report is to provide an effective means of organizing the vast literature on oil pollution..." said Melvin, who called the report "an abstracted bibliography on oil pollution."

In addition to the literature survey, the report is also concerned with ongoing oil pollution conferences and research.

A new application for the EPA grant, written by Melvin and Offen, is required each year.

"They had an idea some years ago to
(Please turn to p.12, col.1)

Growth Policy Proving Key Factor in Shiffman, Reynolds Mayoral Battle

By Dorothy James

The final days of the Santa Barbara city mayoral campaign are seeing a face off between incumbent David Shiffman and contender Lyle Reynolds and the outcome may decide how high the city's population will grow in the next few years.

Lyle Reynolds, who retired as Dean of Students at UCSB last September, is a member of the United Santa Barbara slate, including City Council hopefuls Joanne Miller and Hal Conklin. The group endorses Proposition A, the no growth measure on the city ballot.

Running as an independent candidate is Shiffman, endorsed by the Good Government League, a pro-business citizen's group which opposes Prop. A.

Prop. A serves as a public opinion poll which would let the newly elected City Council know voter support for limits on population density currently outlined by the city's zoning laws and general plan.

Present zoning laws, adopted in 1975, limit Santa Barbara's growth to 85,000. Prop A is a two part measure which asks voters whether or not they support the 1975 Council decision, and whether voters feel they should have the right to approve any changes which would allow population growth above the 85,000 figure.

"I think Proposition A will do the job quite well," said Reynolds of the measure which has become this election's key issue. "Resources are limited in this area," he said, explaining that this is a major reason he favors limiting population growth.

Although he was "too busy campaigning this week" to discuss his platform, Shiffman has previously said that he agrees with the second part of Proposition A, but that he cannot support the first part. He feels the City Council applied the zoning limit law too broadly, instead of looking at the zoning

needs of individual neighborhoods.

Shiffman voted against the 85,000 population in 1975. He instead favors growth control on a neighborhood-by-neighborhood basis.

Shiffman, 51, is a management consultant who has lived in Santa Barbara since 1954. Consistently on the losing side of a 3-4 split in the City Council, Shiffman has voiced frustration with it and feel that he could accomplish more working with another council.

Shiffman also feels that the city could trim its budget. He has voted to reduce the budget five percent this year, but because of opposition from other council members, he says he has not been able to accomplish that goal.

Reynolds, a UCSB administrator for over 25 years and a resident of Santa Barbara since 1947, says that his experience as University administrator would be invaluable for work in city

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HEADLINERS

GOVERNOR BROWN WILL MEET WITH PRESIDENT CARTER today and ask for federal help in trying to ease California's water crisis. Brown said he has already discussed the state's long-term needs with key officials of the Carter administration. "We have begun the process of bringing factions together who are interested in the needs of water in California," said the Governor, adding that he is optimistic that a solution can be found to the conflict over water diversions to control salinity in the Sacramento-San Joaquin Delta and the need of farmers for more irrigation water.

FORMER PRESIDENT NIXON AND HIS SECRETARY OF STATE, Henry Kissinger apparently virtually promised Peking that the U.S. would scrap its connection with Taiwan, charged columnist Joseph Kraft. Kraft said President Carter was not aware of any such understandings and has ordered an investigation to find out if there is any documentation of them.

AN ATTEMPT BY JEWISH NATIONALISTS TO SETTLE on the occupied west bank of Jordan was a "grave act," says the Israeli cabinet. About 60 families tried to establish a settlement yesterday, but were evicted by the Israeli army. The nationalists want to block a Labor Party position offering parts of the west bank to Jordan in exchange for a peace settlement.

CINCINNATI IS DOWN TO ABOUT A TWO-DAY SUPPLY of drinking water. The city turned off its intake valves from the Ohio River after a carbon tetrachloride spill moved down the river. The chemical has caused cancer in laboratory animals and can cause potential damage to humans. This is the second spill in the river this month.

THE PRESIDENTS OF EGYPT AND SYRIA FLEW to Khartoum for talks with their Sudanese counterpart, President Jaafar Numairi. Egyptian officials say the leaders will discuss a possible federation of the three nations. Other topics expected to be discussed are peace moves in the Arab-Israel conflict and economic cooperation.

-Kathy Bailey

Soviet Dissident Sokolov Tells Of Battles Against Censorship

By Bill Denahy

The plight of Russian writers who challenge that country's strict censorship code was described by exiled Soviet dissident Alexander Sokolov in a lecture here last week.

Sokolov, 33, was born in Canada where his father served as Soviet Military Attache. He later returned to Russia where, in 1967, he was admitted to Moscow University as a journalism student.

After graduation, Sokolov was given a job at a weekly paper in Moscow, controlled by the Communist Party which controlled the ideological content of the paper.

Following his stint with the paper, Sokolov was assigned to be a ghost writer for a special program designed to unite the working and educated classes.

Sokolov recently gained widespread attention when he and his fiance went on a hunger strike in an attempt to obtain an exit visa. The publicity finally forced the Soviets to release him, and he now makes his home in Austria with his wife. But Sokolov said that his father had attempted to have him committed to a mental institution to prevent him from leaving the country.

Commenting on the censorship system in Russia, Sokolov said that there is an entire volume of guidelines for authors. Each book must be submitted to censors who either approve it or return it for rewriting. Authors are also advised of certain themes which will assure the writer of publication. Lenin and the labors of Socialist workers, praise for the efforts of great military leaders in the fight against American and German spies, and encouragement of children to have love and respect for their parents all fare well with censors, Sokolov said.

But speaking against the Party Army, KGB and any Marxist ideals is strictly forbidden, he said. Social issues such as rising crime, pollution and food and housing shortages are also unacceptable, he added.

Sokolov said writers in Russia are torn between writing in accordance with state regulations or writing self-satisfying literature. Sokolov said he decided to follow the latter route, but that it was a difficult decision to make because his earnings would be cut off if he chose to revolt.

Sokolov then began to put out what he called "Semizdat," a work which describes the

anti-state literature put out by dissident writers.

Unable to keep his job as a state writer, he said he turned to odd jobs, such as a factory coal stoker. Prior to his departure, Sokolov went into hiding to prevent his arrest and confinement as a mental patient.

Since his departure from the Soviet Union, Sokolov has published "A School for Fools," which he wrote in Russia but was unable to get published there. The book deals with a young boy in a mental institution who strikes up a friendship with an older patient. The book has been highly acclaimed in its Russian version, and is awaiting publication in English.

The exiled author said that he first recognized his disgust for the Soviet system during his newspaper days when his writing became subject to the state censors. Sokolov said that his literary goal is not wholly to express the dissident mood, but rather to emphasize the literary style in his writing.

"The people feel that it is time for a change," Sokolov said, claiming that this mood might be secretly present in some members of the Communist Party.

DAILY NEXUS

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Leakey Goes 'Beyond Just Bones...Stones' To Discuss Implications of Human Origin

By John Wilkens

As expected, noted anthropologist Richard E. Leakey spent a large portion of Friday night's lecture in Campbell Hall discussing his recent discoveries in Eastern Africa.

While talking about "skull 1470" and Homo sapiens, however, Leakey went "beyond just the bones and stones" and discussed the "possible implications and importance of the study of human origins."

"Clearly, a lecture on old bones and old stones is of limited interest to anyone. It is certainly a subject which would bore me stiff in just ten minutes," said Leakey. "I think it is important for us today to realize that previous experiments in humanity have failed and our own experiment of Homo sapiens has not been assured of success."

"We are doing things today which are extremely dangerous," continued Leakey, who spoke for over an hour to a capacity crowd. "Through our intellect and technology we have developed...devices that can totally destroy...all forms of life. It seems to me that...this specialization of what we call technology has its roots back beyond two and a half million years," he added.

No Federal Funds For Events Facility

At the UC Regents November 1976 meeting in Los Angeles, it was announced that President David Saxon, under his emergency powers, had submitted applications for four University of California building projects to receive federal public works money. Included among the projects was the UCSB Campus Events Facility, for which \$1.8 million was requested.

UCSB Vice Chancellor Stephen Goodspeed reported last Friday that the Santa Barbara project was not granted any money, and that out of the many millions of applications for the federal funds, only two "small" University of California requests were approved.

Leakey, the administrative director of the National Museum of Kenya, feels that the problems of technology and natural resources must be solved on the "basis of the commonality of mankind."

"What on earth do we mean when we call a person a black person or a white person?" Leakey asked. "You will find that there are no shades of white or black. They are two very precise colors and there are remarkably few people in the world who qualify for either category. Most of the people...fall between black and white."

"Surely it is time we began to realize that people are the same," continued Leakey, who is a third generation Kenyan. "All people living today on planet Earth share a common origin. They share a common heritage. They owe their

presence on this planet to a common series of events that took place in the far distant past, almost certainly on the African Continent."

Leakey spent the early part of his lecture discussing these topics because they "are issues which have to be talked about and issues which I think the study of the past gives us a perspective upon."

The majority of the lecture involved Leakey's narration of a National Geographic sponsored film on his latest discoveries and exploits in the Eastern Rift Valley in Kenya. Lake Takana, formerly Lake Rudolph, located in the Rift Valley, is over four million years old, and it was the focal point of the film.

Leakey's research team included Kenyan assistants and his wife, who according to the

anthropologist has done "virtually all of the piecing together of skull fossil fragments" discovered over the years.

Leakey's narration and the film focused on animal life surrounding Lake Takana, as well as the remnants of human life discovered in the valley. "Skull 1470," discovered in 1972, is just one of the many fossils highlighted in the film, and it is believed to be proof of the existence of Homo habilis, the species right before Homo sapiens.

During the course of the narration, Dr. Leakey talked about the "tedium" of excavating and frequently joked about his role in the 180 discoveries his crew has uncovered.

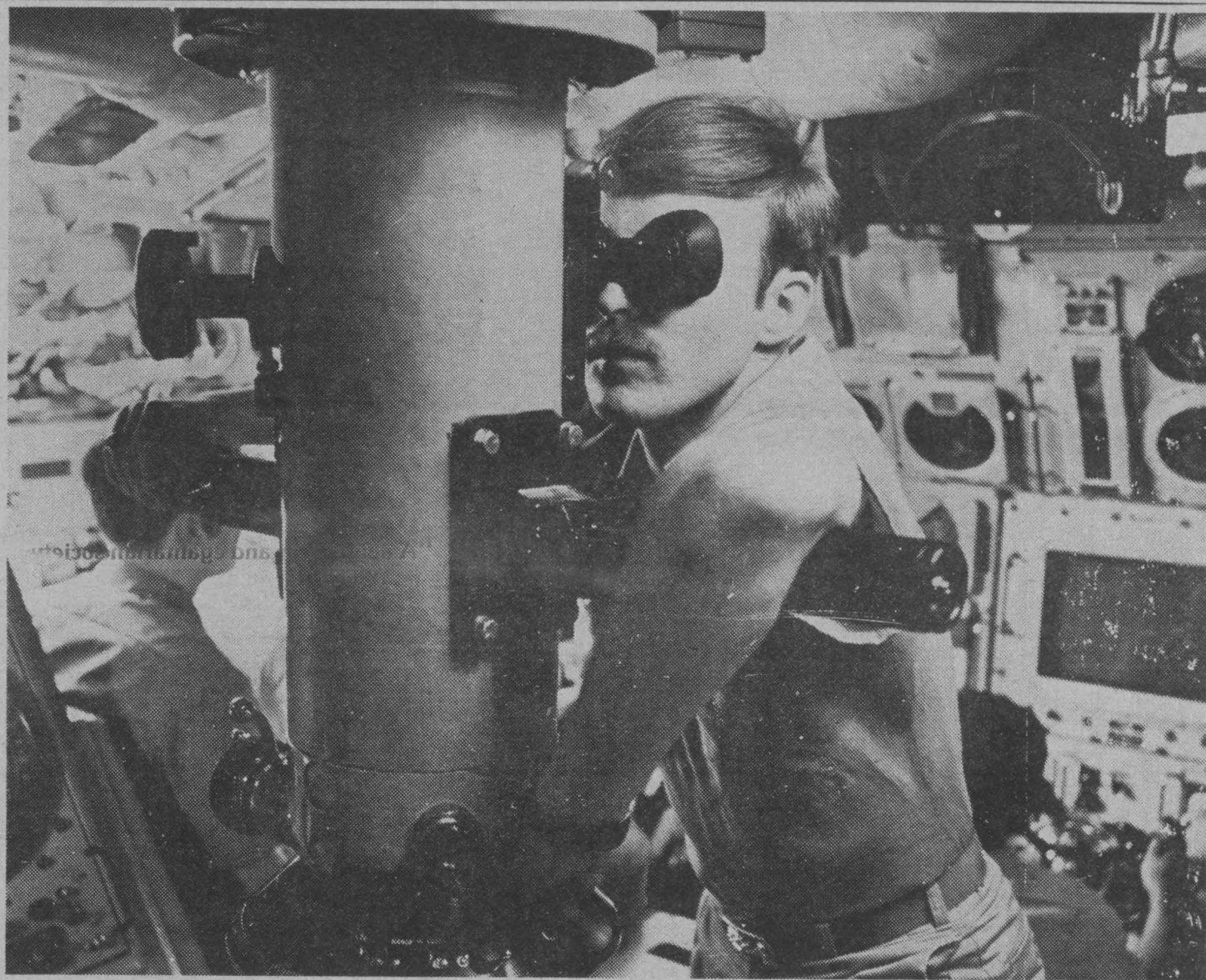
"Whenever a hominid or human fragment is discovered,

there is a camp regulation that I be notified," said Leakey, "The only way I can get myself into films and to get myself into literature is to have some basis of getting myself properly involved."

"When it comes to the hard work, like piecing things together, which requires a great deal of intelligence and patience, I try and move very quickly to a supervisory role," Leakey joked. "It does take a lot of patience to watch other people work."

The question and answer period following the film included a couple of questions which took Leakey "right away from my field" but it also gave him a chance to discuss the advantages and disadvantages of having famous parents.

"Today, I find it an advantage, five years ago I found it a distinct disadvantage," said Leakey, the son of anthropology pioneers Lewis and Mary Leakey. "Having grown up, I realize that I was such a fool... and I'm now doing what I should have been doing in the first place."



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LETTERS

The Battle Against the Events Facility Continues

Editor, Daily Nexus:
"Here comes the blind commissioner
They've got him in a trance
One hand's tied to the tightrope walker
The other's in his pants"

Dylan - "Desolation Row"

We would like it to be known that Students Against Wasteful Spending (SAWS) will continue the battle against the Campus Events Facility. We believe building by building implementation of the UCSB Long Range Development Plan has serious adverse environmental effects on the Campus as well as the surrounding community.

The LDRP calls for an enrollment of 15,000 students - 1,000 over the current enrollment. There is no available housing to accommodate any future population increase in Isla Vista, nor is there any housing planned for the future due to the Goleta Water Moratorium. As rents go up, low and moderate income people are being forced out and replaced by students who can share single occupancy apartments and afford the higher rents. This is in violation of the 1976 Coastal Act.

It is now the policy of the California Coastal Commission to consider the University exempt from the jurisdiction of the coastal area. After in depth research of the Coastal Act, nowhere is it stated that the University should be considered exempt. We find this policy of the Commission very questionable.

Corey Dubin, Executive Director
Dennis Meshorer, Counsel
John Pereyra, Coordinator
SAWS

No Identity Conspiracy

Editor, Daily Nexus:

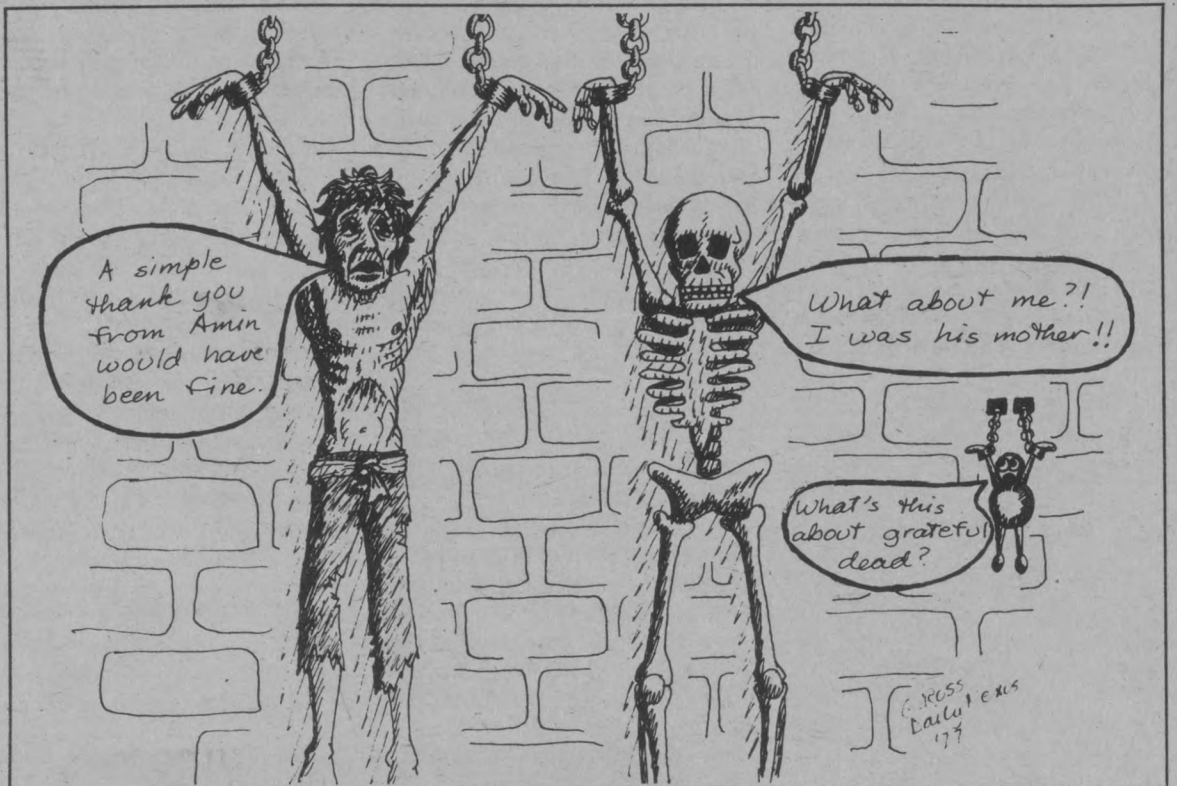
I'm certainly sorry to see the Nexus and you, Doug, accused of conspiracy to color the news because you failed to reveal my full "identity" as a public information writer when you printed my recent letters on the building controversy. Perhaps you didn't realize that there was any secret about it. I certainly didn't, nor did I think it mattered where I worked when I agreed to serve as alumni representative on the capital improvements committee.

Apparently the first Alternative reporter who talked to me for two hours in the office didn't think it mattered either, since he never mentioned that I am a public information writer when he wrote up his story. Why aren't his fellow reporters on the Alternative accusing him of coloring the news or sloppy backgrounding instead of accusing you?

The idea that because I have a job here or anywhere means I give up my right to express my opinion as freely as I like, whenever I choose is, of course, simplistic nonsense. It caused considerable amusement in administrative circles to know that they could fire me at whim because I exercised my personal freedom to write a letter to a student newspaper.

As a matter of fact I have no right at all to express their point of view (or rather points of view, since they are rarely in a state of total

(Please turn to p.5, col.3)



Keep An Eye on the Money, Work for Better A.S. Management

By Seth Freeman

It shouldn't make students feel safe knowing that this year's Legislative Council will be preparing the next fiscal year's budget. It is easy for me to remember the antics of last year's unproductive and alienating 3 a.m. budget hearings. This time around, though, all groups will only present their requests once, as they have been since last week, to the Finance Board. The Board will ultimately meet with Legislative Council to present a proposed budget and a rationale for it. Finally, the current Leg Council will pass a budget (that may or may not warrant rewriting by a new Council with new interests, when they are seated or two weeks afterwards).

If you are bored hearing about the simplified process I outlined above, it's okay, because so am I. What does excite me, though, is the fact that four months remain in this fiscal year and out of \$500,000 began with last July 1, only \$4,000 remains unallocated. The same people who exercised financial control and created this repulsive situation are those who

The Nexus welcomes letters from its readers. If you wish to comment on any matter of interest, write a letter-to-the-editor and bring it to the editorial offices of the Nexus beneath Storke Tower. Please type your letters using a 55-space line, triple spaced on non-erasable paper. All letters subject to condensation.

will pass the 77-78 budget.

It is also interesting to note that the Internal President makes all appointments to the Finance Board. When it finally became obvious that our funds were almost depleted, our President, Tracey St. Johns responsibly introduced a motion that appeared to have as its intent the freezing of the remaining \$10,000. The rationale was that half the fiscal year was still in front of us and some money should be passed on to the new council who have to wait until July 1, for money and have some money available for unpredictable contingencies. The motion to hold back these funds was passed with an unusual sensation of responsibility.

Several weeks later, Tracey realized that her pet project, a brochure on A.S. Operations had

not yet been funded, though it was first presented a few months earlier. It was only natural that the motion discussed above was redefined, reinterpreted, and finally rescinded by Leg Council due to the fact that it would have made funding the brochure impossible. She presented her \$2,500 request to the Finance Board, which passed it favorably to Leg Council where it was passed by the same people who sit on the Finance Board and by several other non-future oriented members of Council. These same people discouraged other groups and organizations from requesting funds because of the previously mentioned deceptive motion which appeared to have practically frozen the remaining \$10,000.

The point of telling all this A.S. crap now, is to stimulate

(Please turn to p.5, col.1)

Some Problems with Oil and Development in the Arab World

Editor, Daily Nexus:

On Wednesday, February 23, in the Cafe Interim the Arab Student Association hosted Dr. Ayad El Qazzas a professor of Sociology at California State University at Sacramento. Dr. El Qazzas, an expert on the economical and political issues of the Middle East gave a very interesting and informative lecture concerning oil and development in the Arab World.

Dr. El Qazzas began his lecture with a brief outline of where and when oil was first discovered. The earliest was in the late 19th century in Egypt, and then in Iraq. Saudi Arabia and Kuwait yielded oil at the end of World War II, then came Qatar, United Arab Emirates, Libya and

Algeria in the 1960's. It must be pointed out that significant wealth through oil has come to the Arab World only since the 1960's, and that the population of these few oil rich countries makes up only a small percentage of the entire Arab population.

At the time of the oil discoveries, the climate in the Arab States was perfect for the eight major oil companies (mainly American) to step in and take control of all aspects of oil production. This "climate" stated Dr. El Qazzas was due to colonialism, largely British rule, which left no representative government and no technical development within the countries in order to determine domestic uses for their own natural resource. It is

interesting to note that the United States, even though as a single country it produces more oil than any other country, must import a large amount of oil.

In contrast, the Arab World which exports 90 percent of it's oil only consumes a mere 10 percent of their own production. This is a very graphic index showing at what stage in technical development the Arab World is in comparison to the United States.

The U.S. companies in their monopoly of oil production were only interested in exporting the crude oil from the Arab States to be processed and marketed in the west without any interest in assisting in local development. It has been only

recently, Dr. El Qazzas pointed out, that the Arab Countries have begun to take over a major percentage of the companies in order to utilize profits for their own development.

Dr. El Qazzas divided the use of this oil money into 4 categories: 1) local development, 2) regional development, 3) investment abroad, and 4) waste.

Local development within the countries has been directed toward the expansion of educational facilities, development of industry (steel, iron, petro-chemical plants), and agriculture. Since the majority of the population is rural, this is a very important aspect. Many dams are being built and an effort

(Please turn to p.5, col.1)

Oil and Development

(Continued from p.4)

is being made to introduce modern machinery and more advanced techniques.

Regional development by means of grants and loans aid those countries without resources to develop themselves. The major example Dr. El Qazzas cited was Sudan's great potential to supply the entire Middle East with all necessary food. Grants such as

A. S. Money

(Continued from p.4)

students to speak out at the next few A.S. meetings, before the budget is passed. The Legislative council meets on Wednesday nights at 6 in the UCen (which is another story altogether) and tell my colleagues that they should stop representing each other and represent the interests of students in general. It is totally unreasonable to have to cope with the reality that a half million dollars is almost gone, with several months still remaining. It is unfortunate that such a future oriented fiscally irresponsible policy of "spend now, think later" prevents us from funding any major critical issues or organizations without facing the reality of being broke. Some student voices, if heard now, may insure better managed and more practical leadership next year. Please help keep me informed of your interests at the A.S. Office during my office hours, in the UCen or by phone.

P.S. The A.S. Brochure was flushed at last Wednesday's meeting, after this letter was written. So much for Council's ability to reach a definite decision.

the "Kuwait Fund" which last year allocated \$300 million dollars for such purposes, are extremely helpful in the struggle for development. It must not be misunderstood that this is only for Arab countries because, Dr. El Qazzas emphasized, last year 45 percent of grant money allocated was to countries in Africa and Asia.

Investment abroad comes in the form of private investment in hotels, real estate, stocks, and joint ventures with other countries in a variety of companies.

Unfortunately, there is a category that Dr. El Qazzas entitled waste money. This encompasses such things as Qatar's extravagant new olympic stadium, small Gulf countries with very small populations spending millions of dollars to equip an army, and exorbitant salaries of the sheiks of certain oil rich countries. The example was the sheik of Kuwait and his \$28 million per year.

Dr. El Qazzas was extremely informative, his data precise, and it was very obvious to see how colonialism and western oil monopolies have hindered the development of the Middle East. At this point, the majority of Arab people are still very poor and their countries are underdeveloped. The channeling of oil dollars to internal purposes is very recent. It will take time for the Arab countries to develop themselves after breaking through repressive western barriers.

Arab Students Association

DOONESBURY



No Identity Conspiracy

(Continued from p.4)

agreement on each and every matter), which is precisely why I don't sign my letter to the editor "public information writer." Letters to editors are frequently printed from marine biologists who have opinions on ecological matters, historians and political

scientists who have opinions on governmental affairs, faculty members in education who run for school boards, etc. They do not sign their letters with their official university working titles because they are exercising their personal freedom of expression, not the viewpoint of institutional

bodies such as the University of California.

I don't think any of us should be denied that right of personal expression, regardless of where we work, nor do I think I should go about campus wearing scarlet letters PIO for the benefit of idiots who think I'm concealing my full identity.

Kitty Joyce

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Arlington Center For the Performing Arts 1317 State Street 966 9382	MON. WED. FRI. Timothy Bottoms Film Festival \$2.00 6:30 - The White Dawn 8:20 - Johnny Got His Gun 10:10 - Paper Chase
granada 1216 STATE 966 4045	Barbra Streisand in "A Star Is Born" (R)
STATE 1217 State 966-2479	"Sentinel" "Embryo" (R)
CINEMA 6050 Hollister - Goleta 967-9447	10 Academy Award Nominations! "Network" (R)
RIVIERA NEAR SANTA BARBARA MISSION opposite El Encanto Hotel 965-6188	"Snow White" "Betty Boop Cartoons"
FAIRVIEW 251 N. Fairview - Goleta 964-4988	10 Academy Nominations! "Rocky"
MAGIC LANTERN 968-3356 TWIN THEATRES	Starts Friday! the story of Woody Guthrie! "Bound For Glory"
AIRPORT DRIVE-IN Hollister & Fairview 964-8377	"Dogs" "Challenge of White Fang"
TWIN DRIVE-IN 1 907 S. Kellogg 964-9400	"Nickelodeon" "The Front"
TWIN DRIVE-IN 2 IN Goleta 964-9400	"Madame Kitty" "Annie"

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JANIS IAN
WITH SPECIAL GUEST **TOM CHAPIN**

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OTHER TICKET OUTLETS



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RUGBY

Photos by Cam Lorentz



Goleta Incorporation Proposal Planned by Citizens Committee

By Glen Granholm

Goleta Incorporation For Today (GIFT), a committee of citizens working for Goleta cityhood, announced Thursday its plans for submitting an incorporation proposal in April with boundaries not including Isla Vista.

Committee member Donna Simons said that while the group is "not set fast on anything" and may change the proposed boundaries before submitting a final draft to the Local Agency Formation Committee (LAFCO) she said she has found that "the vocal people in Isla Vista do not

want to be included in a city of Goleta."

Following a presentation by four of the five GIFT members, Goleta Water Board member Al Wyner, one of nearly one hundred people present at the town meeting, asked the committee why a comparative analysis has been done to demonstrate cost differences in establishing a city with and without Isla Vista. GIFT member Richard Fuller answered that the committee had decided on finding a "basic way to start" and had concluded that "the best way to get started is to eliminate some

of the problems." Fuller added that the committee members had agreed that they did not want "to spend the time and effort on something we did not think would fly from the start."

Mike Bennett, another committee member, said that he thought he would like to see Isla Vista in the city of Goleta. Indicating that he believes that the Isla Vista block vote would be a determining factor in any public vote on incorporation, Bennett said that Isla Vistas would probably vote against the joint city. "If they don't think it's nice, they'll vote us down,"

Bennett said.

Lisa Pompa, Isla Vista Community Council member, asked the committee if they felt that they were "stepping on Isla Vista's toes" by including in their proposed city parts of the Goleta Valley that Isla Vista had included in last year's incorporation proposal. Fuller responded that Isla Vista can include the same areas in its proposal, because LAFCO has the legal power to cut back city boundaries on all proposals.

After one Isla Vista resident

said that "there is a significant amount of people in Isla Vista who feel that incorporation with Goleta is the best way to go," Fuller said that "Isla Vista is still a thorny issue all the way around."

Dave Hoskinson, I.V. Animal Control Director, contended that "Isla Vistas do not want to participate in land-use and planning in the Goleta Valley," something he felt the committee has not yet taken into consideration.

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Free anonymous consultation on numerous alternatives to abortion.

Pregnancy tests

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963-2200

Lost & Found

Lost: Car key sometime from Fri Feb. 18. A single double cut key with black plastic on the base with no key chain hole. Please Call Joe or come by 6528 Del Playa.

Lost Puppy 6 weeks old. Male. Husky mix. Black w/white at tip of tail & on front paws. Lost Thurs. Feb. 24 near I.V. market at sunset. Please Help Us Find Him! Call 968-6586.

Found: Parakeet vicinity of El Nido (6517) Call to claim 968-9370.

LOST: Gold Jewish Star and half a Mispah. Sentimental value, very special. REWARD 685-1121

Special Notices

Need ride to LA Thursday the 3rd late afternoon. Will pay all expenses. Call 685-1406.

Baja Boating Camping trip. Mar. 25-Apr. 2. Bus to La Paz, boat to Isla Esprito Santo. Food, transp. all incl for \$185. Contact the Rec Office, Rob Gym.

COLD SPRING TAVERN

Open for lunch & dinner daily. Dinner specials \$3.95 Mon - Thurs. Atop San Marcos Pass.

Sun Valley Spring Ski Carnival March 26 - April 2. 5 nites lodg. 5 days lift tickets, bus trans & much more \$170. Contact the Rec Office.

Exper TAROT reading at reasonable rates - Call 968-0225. - Maxwell, Sec. of the Ulterior.

Come see popular 50's musical BYE BYE BIRDIE March 2, 3, 4, 12 in South Hall 1004, tickets on sale UCen information booth.

Did you ever meet someone you liked right away even before they said anything and it wasn't because of their looks? Well it was probably their aura. Come to 3 slide presentations Tuesdays March 1, 8, & 15 at 7:30 p.m. In Chem 1171 free 968-1371.

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Personals

What do Dr. Brans, Higgins and Sherman have in common with Clockwork Orange? Find out on March 3 at 8:30 In CH. IT'S FREE

DIVERS, going to Santa Cruz Island Sat. March 5. Can take 4 divers. Share expenses - approximately \$15/person. Call 685-1467 after 6 p.m.

ANNIE - Happy 21st birthday. You're a beautiful person!! I love you, YLB

Guys of $\Theta\Delta\chi$ Is your back tired, lmbms sore? Let your little sisters rub your troubles away, Wed. at 8.

SHARN - Happy 21st birthday! Have a great day and get ready for Wed night! XXXOOO DAVE

OSCAR We love you too!! Happy 22! From 224 Trop.

Gar All your admrers In 224 wish you a happy 20th!! Love from your 224 sweeties Incl. Red Doll, Piglet & Kuala Fam.

GARY: Can't remember having such a good time & at no expense. See ya again this weekend. Warm up the 8-track. Hawkeye

CLOCKWORK ORANGE

March 3 \$1.25 Campbell Hall

VP MORAL Thanks for letting us sing to you - Jerry, Bob, Phil etc.

DICK: Congratulations on the 50. You are too fast for me. Cheers y hasta la proxima RSD

JIM - 21 and still no personal for you? So much for the tight ball offense! Hope your birthday was a great one. THE BUDS OF 6575

SAILOR - I'm tired of books and swimming. Let's drink some wine and get down. Pretty Girl

Gurdjjeff-Ouspensky Center Accepting Students 969-3850

LONELY? Feel bad? Need someone to talk to? The Human Relations Center has trained staff counselors Mon.-Fri. 961-3922 or come by 970 Embarcadero del Mar H.

Business Personals

LOVE A WATERBED! Make one. Get complete simple directions for only \$2.99. Write today to Dolphin Ent., Suite 14-3645 Savleys Rd., Oxnard 93030. Please enclose check or money order.

Rides Wanted

I need ride to Mammoth Fri March 4. Will help pay. Call Doris 685-1773. Cheap lodging.

Help Wanted

SANTA BARBARA LEGAL AID - TYPIST Immediate Clerical Opening for Workstudy person in stimulating, hectic, friendly atmosphere. Call Raquel at 963-6754.

Economic development coordinator \$525.00 per mo. Full time CETA position. Contact Linda Hughes 963-8931 for referral and contact IVCC 968-8000 for info. Deadline 3/2/77.

Ass't Coordinator for local youth employment program. Will assist in all phases of program. Ability to work with youth, knowledge of local resources & some statistical exp. desired.

Good opportunity to gain admin. exp. send resume to Lauri Flack Open Road/New Jobs 1224 1/2 State St. 966-2258

Work Study People needed at I.V. Youth Project. Counsellors, maintenance and sec't. 968-2611

SKIP'S PIZZA is looking for 5 to 10 people who might be interested in working part-time for the next several years while they go to school. We want alert, personable, people to take pride in doing competent work.

We usually start people off doing delivery so it helps to have an insured car, though if you can only work in the shop we should still talk. Please understand, we have no present openings. We want to talk about the next 2 years, not the next 2 months.

If you're interested please call 968-1095 and ask for Cliff 9 - 11 a.m. weekdays.

Wanted: Sopranos and Altos for immediate 16 track recording. Experienced only 968-3287.

For Rent

House for rent, 6882 Del Playa 4 br., 2 bath, \$625/mo., ocean view, large yard, fireplace. Call Larry, 968-5375.

Beautiful 1-Bdr. apt. \$175 near campus, ocean & shops avail. Mar. 17 6522 Sabado Tarde No. 7 968-9352

URGENT! F share lrg room in Del Playa duplex sunport, near campus \$95 + utilities. 968-8588

FT Male single bdrm, NOW!!! Quiet floor! Beautiful View! Rm 3029 Call Ron 968-6962

\$370 sgl. and families. 3+2 home! \$425 furn/unfurn. 4+2 fireplace kids ok. Homefinders 963-3661.

\$220 Mesa top value! 2+ util. \$240 nice furn. 2+ patio \$275 pool condo. 2 bedroom kids ok \$300 kids & pets ok! 2 br. duplex! \$335 pool and tennis 2+2 fireplace garage, kids and pets life sel.. Homefinders 963-3661

\$99 util. pd, studio kids & pets. \$107 UCSB share 4+2 kids & pets. \$125 furn.-unfurn. rm. frplc. util. \$175 Riviera view apt! 1+ patio. \$195 Calif. living 1+ pool unit. Homefinders 963-3661

Roommate Wanted

FEMALE ROOMMATE WANTED TO SHARE ROOM \$80/ MONTH PICASSO 685-2451

F roommate 962-5752 S.B. 1 block from beach \$116.00 + util. OWN ROOM

1 or 2 F to share rm in duplex Spr. Qtr. quiet, sunny enclosed yd. \$69/mo. 6750 S.T. 968-0105

F wanted to share large room \$87.50/mo. 1025 El Embarcadero No. 4B. 968-0645 Sue or Francine

Share room in 2 bdrm. I.V. apt. Sunny balcony, water, trash are paid. \$67.50. 685-1952

1 M rmate to share rm. in large 2 bdrm 2 bath apt. Quiet and clean \$85 mo. Jeff 968-4022.

Female needed own room bath in Goleta hse. Pool, tennis court \$125 per month 968-0032

F Roommate share studio quiet w/pool \$71/mo. 968-2362 Nancy No. 61; 851 Camino Pescadero.

F roommate to share room in Sabado Tarde apt. Spr. quarter \$80/mo. Sundeck 968-5123

F or M needed, own rm, fireplace, patio, ocean sd. DP 6761 \$95 mo. Inc. util. Now or Spr 968-7650

Male roommate needed now \$70 mo. Coed house 2 bth, fireplace, sny patio, 6609A Sab. Tde. 968-9524

1 F 2 share lrg. rm. in 2 bdrm. townhouse 1 blk. frm. campus. \$85 plus utilities. Judy 968-1457 available March 4 or Spring 1/4

Female roommate needed for 2 bdrm apt in I.V. Available Immed. Non-Smoker, Call 968-3033.

1M roommate needed to share room, 2 story 2 b.r. I.V. twnhouse, \$70 month. Nice place! 685-3303

Own room for F, Spring Qtr, \$122, beautiful duplex w/yard, no pets, pref. non-smoker & serious student. Call 685-1382.

Single room available Spr Qtr Francisco Torres, \$100 deduct, female only. Call 968-3302.

F rmate needed now & next qtr. Beachside DP apt, share a room, \$96.50 ea. mo. Call 968-0361.

Female roommate wanted. Own rm. \$125/mo. + util. No more dogs. No tobacco. Lg. quiet I.V. house. Call Larry @ 968-5375.

Need 1 F to share 2 bdrm. Goleta apt. \$127.50 mo. + util., avail. Spring quarter. Call Bonnie, 967-3354.

M roommate(s), own room in 3 bedroom Goleta house, firepl., big yard, \$117/mo. 685-2573.

F to share 1 bedr apt. Spr Qtr, 1/2 block from beach & campus, 6524 El Nido, No. 4, 968-8643, \$80 mo., utl inc. Call 5-7/after 11 pm.

Female roommate needed Spring Qtr. Own rm, and bath in quiet Gol. Condo \$162.50 mo. 685-5307

FEMALE roommate needed to share three bed house in Goleta. Call 968-6249

1 F nonsmkr to sh/room in large 1 bdrm \$95/mo includes utl's 6739 El Colegio No. 211 685-1737

F needed to share rm. in duplex w/2 floors for spr. qtr. 6653 Sabado Tarde No. A 685-3230 Jan.

Rommate(s) wanted: own bedroom/bath in I.V. apartment for Spring rent \$280.00 for entire quarter call: 968-8814 after 5 p.m.

M/Rmte to share Room & Bath in sunny 2 bdrm Apt. New Carpet & Furn. 73/mth Mike 968-7784.

For Sale

B&W TV that works & typewriter for sale. Best offer. You pick up. Call Dana 968-9719

FOR SALE: 2 old upright piano's One Fuller & Camp. orig. finish \$450. - 1920 Gulbransen, brown mahogany finish \$500. Both tuned and regulated. 964-5319.

Waterbed - db. size w/frame & liner - \$40. Altec slave amp - 100 w/rms. mint cond. - \$300 968-6390

For sale built-in dishwasher. Works fine \$30 Call 685-3446

For Sale: Hart Freestyle 175 685-1211

Smith Corona 120 electric typewriter. Good condition Best offer over \$90. 687-9484

1.) GE refrig like new \$50 2.) '64 Yamaha 250 w/spare engine \$50. 3.) Drafting table & flor. draft. lght & swivel chair \$100. 4.) Aqrm. with equip. \$20 Blue 968-2987

Rogersound Labs Speakers (4-way) mastering monitors: Model 4400, \$165 pr. Dave, 968-2255.

Queen waterbed - beautiful clear fir wood frame, heater and pedestal. \$150. 965-1977.

1973 Triumph 750 \$850 or best offer. Evenings 968-3779.

Autos For Sale

68 Datsun 510, fair running new battery, new starter, good tires - make offer 968-5637, 968-6783

1955 VW great cond. \$700 New valves brakes, etc. 962-5752

1967 VW: Radlals, 1972 engine w/30,000 mi, sunroof. Runs well \$800/best offer. 968-0901

For Sale: 1960 122s Volvo Amazon series. Completely restored body and engine. Call 968-8673 after 5 p.m.

'70 Opel GT - very clean, 4 sp, radlals, fm & tape, custom, 69,000 mi. \$1,900. 968-0465

1967 Mercedes Benz 300SE auto air body XLNT new paint eng. rblt XLNT cond \$4200 966-2165.

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Miscellaneous

Happiness Is A Tuned Piano Robert Ballenger 964-5319

Hayakawa Settles into Job; Unable to Open Local Office

By William Justin

Prior to last November's elections, a representative of S.I. Hayakawa told the Nexus that if elected, Hayakawa would take the unprecedented step of turning his campaign headquarters throughout the state into local senatorial offices, enabling citizens to have more direct access to the senator.

However, it was subsequently discovered that the costs to do this would be prohibitive, and that carrying out the plan might be "judged as running a campaign

for the next six years." So reported Hayakawa's State Director Phyllis Steiner, who works in the Senator's Los Angeles office. Steiner said that Hayakawa has established five offices in California. They have already opened in San Francisco, Los Angeles, San Diego, and Sacramento. An office in Fresno is being prepared for opening.

Steiner noted that all the offices are in Federal facilities, except for San Francisco, where there was no federal space available. She pointed out that it is "more expensive to be in Federal buildings" but that California Senator Alan Cranston has been criticized so much by newspapers for taking outside office space that "we felt it better not to."

Steiner said the Sacramento

office will have a liaison officer to the California legislature, a novel move by Hayakawa. However, Steiner was unsure if any previous California senators had established a legislative liaison post.

The San Francisco office alone has already successfully completed 450 constituent cases, noted Steiner. The cases deal with federal agencies such as Social Security and the Veterans Administration.

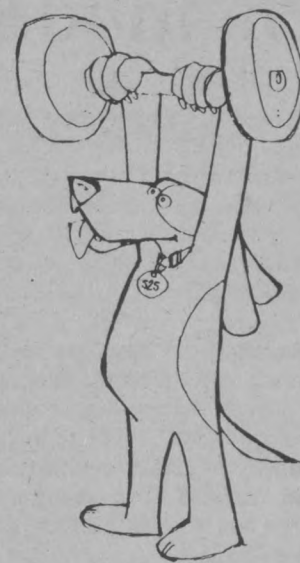
She said that before Hayakawa took office, his staff spent eight weeks visiting congressional offices to promote understanding and do better jobs. Steiner arranged seminars in San Francisco between Hayakawa's office managers and regional officials of Federal agencies.

Dog License Deadline Today

Today is the final day for purchase of a dog license without a penalty fee. No self-respecting dog would want to be caught without one.

The Isla Vista Animal Control office will be open all day today, Monday, 9 a.m. until 5 p.m. We are located at 6551 Trigo, next to Yellowstone Clothing. The phone is 968-2719 (967-2324 - 24 hours).

Licenses are \$6 (half-price if spayed or neutered) and the dog owner must show proof of a rabies vaccination given after July of 1975 (Santa Barbara County has been declared a rabies area by the State).



School Board Forum Tonight

Santa Barbara School Board contenders will present their platforms tonight, 7:30 p.m., at an IVCC sponsored candidates' forum.

School Board politics may not seem important to those of us without children. But the School Board district is the most expensive government service paid for by our taxes. Many of us don't fully realize the influence of the decisions of the School Board.

Last Monday IVCC endorsed Judy Evered for the Goleta Union School District race, after she and her opponents attended their respective forum. Evered is running for one of three open seats for the local elementary school race. Two seats are vacant in the Santa Barbara campaign. Tuesday, March 8, eligible voters in Isla Vista, including UCSB dorm residents, mark their ballots.

Tonight's forum will be held in the newly christened "Town Hall", formerly the Planning Office, 966 Embarcadero del Mar.

FREE CHARTER FLIGHTS GUIDE

The 1977 Charter Flights Guide

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Women Lose Respectable Game To Tough Pomona Cagers, 64-56

Gauchos Now 13-13

By Richard Bornstein

Conference-leading Cal Poly Pomona defeated UCSB 64-65, Saturday night in a women's basketball contest.

Holding a tremendous height advantage over the Gauchos, the visitors used their physical style of play to take a slim six points halftime lead, 27-21. However the second half was a different story as Cal Poly led by as many as 18 points, going inside for a good majority of their scoring. They also employed a full court trapping press which did a lot of damage to UCSB and created many easy lay-ups.

Musiette McKinney led the Pomona attack, putting in 22 points, followed by teammate Linda Scheenstra, who had 9.

Mary Ann McLaughlin was the leading Gaucho scorer pouring 20, with Leslie Ford and Sandy Downing scoring 9 apiece. McLaughlin also pulled down a game high of 14 rebounds and Ford grabbed 12.

The game was an entirely different one from the 50 point defeat Pomona handed UCSB earlier in the year. Playing with much more confidence, the Gauchos' passing was particularly effective for setting up easy shots underneath. Pomona's physical play was a factor but the hosts refused to be intimidated.

"Pomona is one of the most physical teams we've ever played against," commented Gaucho coach Bobbi Bonace. "I thought we did a good job of staying with

them, we played great especially since this is the same team that beat us by fifty points last time we met."

Pomona's coach Darlene May was pleased with her own team's performance and also at the improvement of the Gauchos.

"Our press made a big difference in the outcome of the game," commented May, "but UCSB's zone worked real well against us too. I can't say enough about the Gauchos; they have really improved since earlier this season."

UCSB still has a chance for an at-large-berth in the SCAA playoffs, they now have a 7-4 conference mark 13-13 overall. Pomona has a perfect 9-0 league record, 20-5 for the season.



SANDY DOWNING scored 9 points against Pomona.

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KIOSK

TODAY

DEPT. OF EE/CS AND MATH: Professor Coffman, Jr. from Columbia University will speak at 2 p.m. in SH 6607F on "Bin Packing: Maximizing the Number of Pieces Packed."

ENGINEERING SEMINAR: Joseph Titlow of the Dept. of Applied Mechanics, California Institute of Technology, will present a seminar entitled, "A Dynamical Model of Downwind Sailing," at 4 p.m. in Engr 1132.

IVCC: Challenge the challengers! A Candidate's Forum will be held tonight in the new Town Hall for Santa Barbara School Board contenders, 7:30 p.m., 966 Embarcadero del Mar.

ANIMAL CONTROL: We are open all day from 9 a.m. to 5 p.m. Dog owners should stop by to purchase a dog license - every dog will want to have one. We're at 6551 Trigo, I.V.

HILLEL: Israeli Folk dancing in the UCen Program Lounge will start at 7:30 p.m. for beginners and at 8 p.m. for general.

KCSB: "There Where the Bank Burned" is a 90 minute retrospective look at Isla Vista which will be aired at 8 p.m. on 91.5 FM.

PLACEMENT CENTER: Three summer children's camps are conducting on-campus interviews in the Placement Center, bldg 427.

TOMORROW

IVCC: Question that justification for rising rents! Mabel Shults from Rentals Etc. and William Cook, County Tax Assessor, will speak tomorrow night at a property tax forum, 7:30 p.m., 777 Camino Pescadero.

I.V.C. VIDEO: "Streets of I.V.," a study on life styles, new and old, will be shown every Tuesday and Thursday from 1-4 p.m. at 970 Embarcadero del Mar, Suite F.

A.S. RADIO COUNCIL: Radio Council has resumed meeting in the Storke Library, Tuesdays beginning at 1 p.m. The meetings are open and audience participation is encouraged. We are also seeking another At Large member and an RHA representative.

PSYCHOLOGY UNDERGRAD UNION: There will be a meeting to finalize plans for "A Clockwork Orange," and other info at 4 p.m. in the Psych Annex, Bldg. 429.

KCSB: The Gumbo Blues Radio Show will debut the new Otis Rush Album. Otis is in fine both vocally and on the guitar. The back up band is big, tight and hot. Modern blues at its best brought to you by your host Robert Reed on 91.5 FM.

GRADUATE STUDENTS ASSOC: A GSA Council meeting will be held in SH 1432 at 7 p.m.

KCSB: "Beyond Within" - a spiritual interlude with excerpts from Sri Chinmoy's book of the same title, poetry, essays, questions and answers, music, at approximately 8 a.m. during Classical Indian Music Hour, on 91.5 FM.

ANNOUNCEMENTS

I.V. CLINIC: Got dental decay? Learn how to prevent it! Call the dental unit on Tuesdays or Thursdays from 6:30 to 8:30 at 968-1512.

I.V. PARKS DISTRICT: Celebration of the magic of juggling. A jugglers' convention has been called for April Fools Weekend at Madrid Park in Isla Vista.

DENTAL DANCE: Dance at La Casa Saturday, March 5 to benefit the joint La Casa/Isla Vista dental project. Cost is \$3, beer and wine.

POLITICAL SCIENCE DEPT.: Prospective Public Service Interns: Dr. Cicin-Sdin and Mr. Roland McDevitt will meet with students interested in serving as interns. The meeting is designed to explain the program and accept applications for spring quarter 1977 and will be held at 4 p.m. in Ellsn 3824.

GAY PEOPLES' UNION: The women's caucus of the GPU will hold its weekly rap session at 7:30 p.m. Wednesday March 2. All interested women are invited to attend. Call 968-4219 for local and info.

YOUNG SOCIALIST ALLIANCE: A presentation and discussion on the Bakke decision and what it means for minority admissions will be held at 3 p.m. in UCen 2272.

Butley

a play by Simon Gray

UCI production with William Needles as Butley

8:00 PM TONIGHT
Main Theatre, UCSB

General Admission \$4, UCSB Faculty and Staff \$3, Student \$2
Tickets on sale at UCSB Arts and Lectures Box Office;
Lobero Theatre; and Hitsville, La Cumbre Plaza

Presented by the UCSB Committee on Arts and Lectures,
Winter-1977 and the UC Intercampus Cultural Exchange

Cager Tex Walker Co-Player of Week

UCSB's Tex Walker was named Co-Player of the Week in the PCAA for his play against San Jose State and Utah State.

Walker poured in 21 points and grabbed 12 rebounds in the 74-71 loss to San Jose. He then scored 14 points and snatched 17 rebounds as the Gauchos defeated Utah State 88-78.

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Spikers Blast Second Ranked Pepperdine

Gauchos Beat Loyola Saturday

By Robin Updike

Everyone expected hot stuff from Pepperdine. After all, they are ranked second in the nation. And it wasn't that the Waves were all that bad Friday night in Rob Gym, it's just that the Gauchos were better — consistently better.

UCSB washed out Pepperdine 15-11, 15-9, 15-13.

"This is a very big game for us," said Gaucho assistant coach Kathy Gregory. "Pepperdine lacked aggressiveness. They hit a million out, and they had no block. They just haven't played many teams yet and it showed. We knew they were in trouble in the third game when they didn't even get on the court in time."

Starters for UCSB were setters Scott Jones and Gary Sato, outside hitters John Corbelli and Billy Richardson, and middle blockers Reede Reynolds and Russ Jones.

Pepperdine's top six were setters Ron Wilde and Jay Anderson, U.S. Junior National team members Mike Blanchard and John Zabriskie, and Brian Ehlers and Mark Rigg. Both teams ran 6-0 offenses.

UCSB took the lead early in the first game. Highlighted by the smart hitting of Richardson and (as always) Sato, the Gauchos capitalized on Pepperdine's loose defense and hit over their block. Blocking by UCSB's Jones, Reynolds and Richardson, on the other hand, was devastating to the Waves, who lacked a powerful offense.

At 12-7 UCSB, the Waves took advantage of some bad passing by

the Gauchos and scored four points. Sato got UCSB going again though, hitting, in one play, a blazing crosscourt shot and then making the kill on a down-the-line hit. With UCSB serving game point, Pepperdine's setter was called for lifting the ball.

In the initial moments of game two, it looked as though the Waves might get their blocking together, as John Zabriskie stuffed several Gaucho hits back into UCSB territory. Pepperdine even got ahead (barely) for the first time all evening, 3-2. The Gauchos made a quick comeback however and took a 10-7 lead despite some tough serving by Pepperdine's Anderson and Zabriskie.

Toward the end of the game the Waves fell apart again, passing poorly, hitting out and setting up ineffectual blocks. The Gauchos gave away the ball twice on a wide serve by Reynolds and a hit into the net by Corbelli but still held Pepperdine at bay, 14-9, as game point was served.

In what UCSB scorekeeper and volleyball afficionado Sandy Cagan called "the play of the night," Billy Richardson made a textbook-perfect execution of the new hit off the block rule. Though the hit was tooled into his block, and the ball dropped, he spun backwards and kept the ball up with a one arm dig. The Gauchos won the game 15-9.

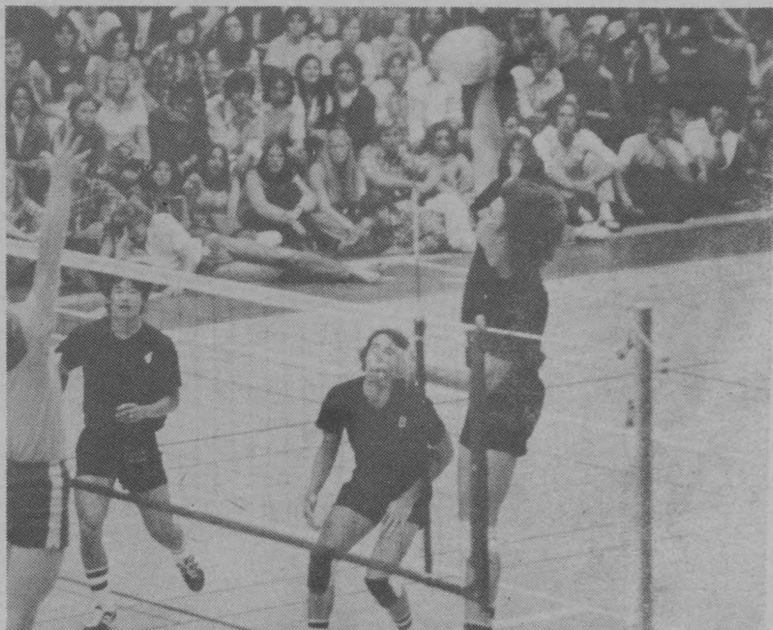
From out of nowhere in the third game, Pepperdine began to hit and block. Suddenly it was UCSB who was making mistakes, getting called for double hits and

mishandled balls. The starters were, according to coach Gus Mee, "beginning to lose their drive."

Gary Pearce and Butch Martin came in off the bench and hit well. Still, Pepperdine grabbed an 11-3 lead. Tony Baumgarten was also substituted in and made several blasting putaways, which, Mee said later, "really got the team going. Tony was so happy to be in there doing well that he just infected the rest of the team."

Pearce, Martin and Baumgarten gradually revitalized UCSB's offense and brought the score up to 11-12 Pepperdine. A kill by Baumgarten tied the game at 12-12. Sato came back in to serve and the Gauchos won the next point as the nearly full house of fans clapped and cheered. Martin lived up to his spiker nick-name, "the Rock" and hit a cross court smash on the winning point that Pepperdine did not even see.

"The third game was won because of good coaching by us," explained assistant coach Gregory, "and bad coaching by Pepperdine. Marv Dunphy (Pepperdine's coach) substituted in Tod Silke who made four



REEDE REYNOLDS, up for the kill, was devastating to the Waves' offense Friday night and, according to coach Mee, "played really well against Loyola" on Saturday.

Photo by Cam Lorentz

straight errors. We put people in who did the job. Gus told Butch to go in and just hit the ball as hard as he could, and he did. The win was a total team effort."

Saturday the Spikers traveled to Los Angeles to play Loyola. Though UCSB won 15-3, 17-15, 9-15, 15-3, coach Mee said that his team had an "emotional letdown" after the big win Friday.

"Actually," continued Mee,

"Loyola played pretty well. They ran a good offense and passed well. They're not a bad team; we just shouldn't lose to them, that's all."

Reede Reynolds played "really well," according to Mee. He also mentioned Russ Jones, Gary Pearce and Scott Carlson as having had excellent games.

This Friday the Gauchos play USC at USC. On Saturday they host UC Irvine in Rob Gym.

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UC Nuclear History

(Continued from p.1)

by Professor J. Robert Oppenheimer of the University of California.

The device was successfully tested in July 1945. Its intense power vaporized the tower that held it, and turned the desert sand around the center of the blast area into a glass-like material the color of jade.

On August 6, 1945, Hiroshima was devastated by a uranium bomb.

On August 9, a plutonium device was dropped on Nagasaki. Five days later, Japan surrendered.

The bomb-building project had cost nearly \$2 billion.

Once the war ended, little work was done to further develop nuclear devices. Many of the scientists involved with the wartime project, in fact, felt a heavy burden of guilt for the terrible, destructive force they had created.

Then in August 1949, it was determined that the Soviet Union had exploded an atomic bomb. It had been assumed that the Soviets would take as long as 20 years to build a nuclear device. Now, with that estimate proven false, fear of Russian world domination prompted a number of scientists, including Lawrence and Edward Teller, to push for the development of a hydrogen (thermonuclear) bomb. But they were opposed by other scientists, Oppenheimer among them, who

doubted the need for an even more destructive weapon.

But at the end of January 1950, President Harry Truman ordered research to proceed on the H-bomb. In October, the first hydrogen device was tested in the Pacific.

Teller had left Los Alamos in 1951, advocating that a second AEC laboratory should be established. In 1952, Teller visited Lawrence at Berkeley. They drove out to a former Navy training camp in Livermore, where, in 1950, the University of California's Radiation Laboratory had begun construction of a large particle accelerator.

Both Lawrence and Teller wanted to open a laboratory devoted to develop thermonuclear weapons, and in summer 1952, such a laboratory was begun at Livermore. During its first two years, it was directed by Teller.

Mayoral Candidates

(Continued from p.1)

government.

Reynolds and the United Santa Barbara group are running on a four point platform. "The first major point," said Reynolds, "is fiscal responsibility," which he said would mean freezing the city budget and cutting out unnecessary expenditures.

"Maintaining the environment," said Reynolds, is another important issue in his platform. He favors renovation, not redevelopment of lower State Street with an emphasis on preserving old structures.

Reynolds would like to see a return to "old-fashioned participation in city government," with an open City Hall, where "everyone could put

their views into the hopper." And he wants to broaden the city commissions to represent a "cross section of Santa Barbara."

Reynolds also wants to reorganize City Hall so the mayor is less involved in administrative procedures.

Another issue on which the two candidates differ is City Charter amendment 1B which proposes raising the mayor's salary from \$700 a month to \$1,150.

Shiffman said he favors the raise and amendment 1A which would raise City Council members' wages from \$250 a month to \$400. Reynolds, on the other hand, opposes the raise.

Oil Pollution Report

(Continued from p.1)

produce this kind of publication," remarked Davis. "Based on the quality of the work we hoped to do and the amount of money we wanted to work with, the program was selected."

"As most things happen, once you get underway, more information becomes available and there is more call for the information," he continued, "so these things get to be renewed."

Announcement of the awarding of the grant came in a press release from Congressman Robert J. Lagomarsino. According to Michael Wootton, Lagomarsino's district assistant, the congressman's role in the

grant was "primarily a lobbying thing."

"Ordinarily, in a case like this, the researcher will file the application with the government agency and then contact the congressman and ask him to lobby for the grant," explained Wootton, who also said that a legislator's efforts "can make a big difference" in many grant cases. "The congressman will then send a letter of endorsement to the agency and urge that they grant the funds which are requested."

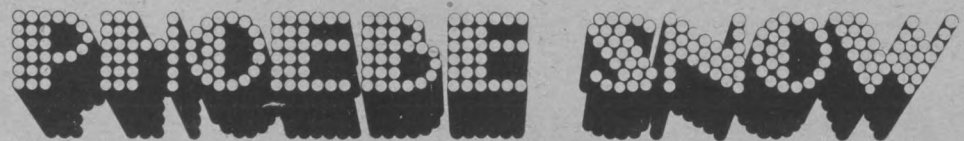
Davis feels that MSI's research and report publication is a "big item". "Oil spill information is very important to this nation," he said.

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