The Daily Guardian

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Officer Honeymoons As Confusion Reigns In Groundworks Theft

BY JONATHAN KROLL

While the UCSD police officer accused of theft at Groundwork Bookstore has taken a vacation to get married, police and Groundwork spokespersons are telling different stories about what happened Thursday night.

Officer David Parham, who was married Saturday, "had some weeks ago scheduled time off," UCSD Police Chief Hugh French said yesterday.

Parham was on duty from 11 pm to 7 am the night of the

alleged robbery, French said. Both Parham and Groundwork Collective member Roberto Riley have filed reports with the police. Riley says he saw Parham take bills from the cashbox in the collective's Student Center office.

French said he would not release the reports because "we do not try our cases in the newspapers.

Parham, who spent four years with the San Diego City Police before joining the UCSD force, "has done an above average job in the time he has been here (12 months)," French said.

Parham was unavailable for comment.

Although UCSD police will continue to investigate the incident, French emphasized that no bills were found to be



Former AS Council members Steve Schreiner and Jamie Montgomery closed out the year in style at last night's meeting. At left, the new "silly" AS Preisdent Jeremy Charlton, complete with halo, is inaugurated by Carlos Montalvo.

AS Council Ends Year On Silly, Bickering Notes

'Erratic' Group Leaves AS to Silly Students

BY JENIFER WARREN Staff Write

"It was erratic, emotional and devoid of all objectivity, sensitivity and efficiency," said former AS President Carlos Montalvo of last night's Council meeting, the final gathering for last year's Council members.

At the meeting:

- The Council heard an Item of Immediate Consideration which proposed allocating \$1,000 to send former Commissioner of Student Welfare Jon Bekken to Siberia where he could "effectively represent the interests of oppressed peoples." Despite scattered support, the proposal was defeated by the Council.

Elections Commissioner Bruce Napell and other Council members endorsed a proposal to declare "Entrance of the Gladiators" as the new "Silly Students" Council anthem. Catchy lyrics could not convince the Council to pass this motion, which failed 3-11. - J&B Scotch and champagne flowed freely

from start to finish of the meeting, which was frequently disrupted and dominated by former Public Relations Commissioner Jamie Montgomery's barking and tottering outbursts. His conduct and the performance of the entire Council prompted one observer to comment, "I've paid good money to see things less comical than this.

Montalvo attributes the highly emotional meeting to "hostility that has built up throughout the year. Pet-peeves of all sorts were brought up tonight, as everyone tried to get in one final word," he said.

The AS did manage to accomplish four significant things:

- funding for a plaque in memory of George Winne, a student who immolated himself in protest of the Vietnam war on May 10, 1970. A tree will be planted in front of the Main Gym steps in dedication to the former Revelle student.

- a new Student Center Board Charter, presented by SCB Chairman Gary Moser, which was labled "the best Charter produced so far" by Bekken, was narrowly approved by the Council. Montalvo, against the Charter because he felt the Council was not "sufficiently familiar Please turn to page 4

missing from the cashbox when Riley and the police counted the Groundwork receipts together Thursday.

Riley, who originally would not talk to the press because he said he feared harassment, told his story yesterday. He said he thought that Parham had returned the money to the cashbox after being confronted. According to Riley, small amounts of money had been

missing from the cashbox beginning in February and continuing through May, but "you couldn't pin down when it Please turn to page 4

Absentee Ballot Requests To Be Due May 27

Written requests for absentee ballots for the June 3 election are due May 27, the Registrar of Voters says.

A new system will make it easier to get the absentee ballots. Unlike past years, voters will not have to explain why they want an absentee ballot.

Voters can also vote in a booth in Registrar's headquarters at 5201-I, Ruffin Road in San Diego.

To vote by mail, send postcard to the Registrar at 5201-I Ruffin Road, Box 23044, San Diego 92123. Necessary voting materials will then be mailed to the prospective voter.

Air Traffic Control Upgrading Seen As Step in Right Direction

AP - An air traffic control plan that takes effect today in the San Diego area aims at preventing another collision like the 1978 one that killed 144 people.

Few pilots are happy with the Terminal Control Area, or TCA, imposed by the Federal Aviation Administration, but they generally call it a step in the right direction.

The 250,000-member Aircraft Owners and Pilots Association, representing private pilots, contends it may add to the dangers in San Diego's over-crowded skies by putting too big an area under mandatory controls.

Starting today, private planes must have electronic equipment costing upwards of \$1,000 to feed data to the FAA's air traffic controllers.

Although controllers wanted the TCA, many have protested that they are undermanned for it.

Spokesmen for the Professional Air Traffic Controllers Association say no increase has been authorized in the size of the San Diego staff even though the FAA predicts the workload will increase between 10 and 20 percent.

The TCA defines a block of airspace surrounding San Diego International Airport, known as Lindbergh Field. Twenty other US cities have TCAs. Planes may be flown through TCAs only if they meet strict equipment and operational standards.

The planes must have a transponder, which sends an electronic signal to the radarscopes of air traffic controllers. The signal gives controllers the identity, direction and speed of each plane.

If a TCA had been in effect of Sept. 28, 1978, it might have prevented the worst plane collision in US history, according to a number of pilots who testified at subsequent hearings.

Today's Weather

Night and morning low clouds with partial clearing by mid-afternoon. Highs will be in the mid-60s. Sunny skies are forecast for Friday. Breakers will be 3-5 feet at 12 second intervals.

Anti-Racketeering Trial Erodes Right

Guilt by Association Admissible Against Hell's Angels Under Sacrosanct New RICO Law

BY ELIZABETH GATOV AND ALAN RAMO Pacific News Service

SAN FRANCISCO - A macabre, mass trial of the Hells Angels motorcycle gang, being conducted in federal court here, is providing observers with a rare glimpse into the sometimes seamy, often violent world of narcotics trafficking. But behind the upward drama of crime lies a little discussed act of law that could have a profound effect on the future of American justice.

The trial itself has turned into a three-ring circus in

The law goes well beyond the old conspiracy laws

which Federal District Judge Samuel Conti presides in center ring, flanked by the colorful antics of 18 defendants and their attorneys, on one side, and an equally colorful and rotating group of spectators on the

The case is easily the most complex criminal trial ever conducted in San Francisco. It is also the longest, having begun in October, 1979, and expected to continue indefinitely. It is probably the most expensive trial ever conducted here, running into hundreds of thousands of dollars. And, according to US Attorney William Hunter, who is prosecuting the case, it is setting a record for the greatest number of defendants ever charged in one case under RICO.

RICO is the federal is easier for the government to collusion.

crack down on organized crime, as opposed to individual crimes.

The use of the RICO statute in the Hells Angels case may be the least talked about feature of the trial, but to some legal observers it is also the

most significant. 'If the government prosecutors are successful in this case, critics say, we can expect expanded use of RICO, perhaps against organizations which are more political than criminal

Such conerns have received little more than lip service by most libertarians, due in part to the generally unpopular nature of the defendants, and in part to the public support for the government's war on organized crime. But the concerns over RICO and its future use are real, even if few

critics have gone public. The specific criticism of the RICO law is that it enables prosecutors to convict defendants through guilt by association. The law makes it

a separate federal crime for an individual to participate in a pattern of racketeering as part of any organization involved in interstate commerce. The pattern can be as limited as two criminal acts ten years apart. The law also makes it a crime to participate in any racketeering enterprise.

The penalties are severe, up to 20 years in federal prison and fines of \$25,000.

The RICO law goes well beyond the old conspiracy laws, which so often failed to win convictions against anti-war activists in the late-1960s. Under the old doctrine, mere membership in an organiza-tion was inadmissible as evidence, and the acts of one Racketeer Influenced and co-defendant were not binding Corrupt Organizations Act, on another unless it could be passed 10 years ago to make proven that they arose out of

Under RICO, all such evidence is admissible. Indeed, the prosecution in the Hells Angels' trial contends that by the mere act of taking an oath of loyalty to the Angels, one was already entering a criminal conspiracy. Prosecutors claim that the Angels' bylaws specifically require members to agree to sell drugs and to agree to commit murders, assaults and bribes if necessary to protect the organization.

The Angels deny having any such bylaws. They contend their organization is chargered as a club devoted to "the promoting and advancement of motorcycle driving ... highway safety and all phases of motorcycles and motorcycle driving."

Thus, the question becomes one of whether the Angels constitute an organized drug racket or whether they are merely a motorcycle club, the

members of which may have engaged in independent criminal acts. If the government can convince the jury of the former, then it is easier to win convictions on the specific criminal charges themselves.

While the 18 defendants are charged with a variety of different crimes, contributing to a criminal enterprise, each one is also charged under RICO with entering into the criminal enterprise by virtue of membership in the Angels.

Even 10 years ago, when the statute was being considered by Congress, **Representative John Convers** (D.-Mich) objected that it opened the way for a prosecution of a normal family which hosted two poker games for money during a 10-year period.

Of course the Hells Angels are not a normal family by anyone's definition, as the

bizarre courtroom scene reveals. The 18 defendants, mostly big and burly, sit along two tiers of tables with their individual attorneys behind them. In front of each defendant is an identification plague like those used on executive desks; useful, no doubt, because of the

Each is charged by virtue of membership in the Angels

defendants number and similarity of appearance.

Behind a glass shield at the back of the room are three rows of seats for spectators, many filled with rotating shifts of other Hells Angels in ornamented leather jackets, along with their girl friends, women members and a number of children.



What Drug Do You Take to See What?

Duck's Breath A Typical Dose of Today's Mentality

BY MICHAEL McKEE

has by now begun to be widely accepted by even today's youth; many believe that the big number III is inevitable. With the threat of the ultimate impending doom continually increasing, it is not surprising to find a sharp rise in mental short-circuiting among college students. This short-circuiting phenomenon has warped our moral values, instilled a paranoic fear of the future. virtually obliterated optimism, increased drug use and, most noticeably, demented our sense of entertainment.

So I sat there smiling, grasping my Black Russian with both hands, staring wideeyed at the fish tank and listening to the B-52s at full volume.

"Look at Mike," Steve

laughed. "He looks like he The phrase "The world is needs to see Duck's Breath." It hell in a hand-basket" took me a while, but I finally slurred, "What kind of drug do you take to see that?"

"You look in prime condition to see them," Kyle blurbed. "How many ducks?" I

asked. "Four of them," said Bruno,

shoving a burrito in and around his mouth. I stared at them in bewilderment. "You're all drunk," I concluded. "Yes, we are, but how many

different drugs are you on?" asked Kyle. I thought for a while, sort of, then said, "Five. Seven if you count the caffein and nicotine.'

Before I realized it, I was staggering along with my friends on my way to see Duck's Breath: The drunk leading the drunk.

"What's Duck's Breath?" I

"They're a very funny comedy team." "Sounds weird to me."

"Yes, yes, they are really strange," someone assented.

As it turned out, Duck's sort of touring band of freelance professors who lecture on various areas of intellectual interest, from Theatre to exotic customs. As a bonus, God made a special appearance. He said that various forms of low-life were demanding that they be boosted up the evolutionary ladder. Among the forms of life was Psilocybin, who was very confused. He said that he had seen a movie and a pair of really brown shoes that grew legs. Poor little guy.

Then we had our lesson on Sexual Kinetics, which I had a hard time understanding, but did learn about the use of condominiums and Diagrams. The most informative of the dissertations was about

different people of the world. We were shown the sacred dance from Kansas where four people, dressed in manure suits, chant the seldom heard words, "Heen-kaya Hinca." Then someone from Scotland tried to explain why they wear dresses, but we all know the

Walking home with my

newfound knowledge, I could swear that the world was a bit more clear to me. For the first time I understood why the landscape kept spinning around me, why my hands shook, and I knew that the Silly slate would win the AS Elections. But when I woke the ming all that was left of my enlightenment was a headache.

The Daily Guardian

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AP NEWSBRIEFS

30,000 Students **Paralyze Seoul**

SEOUL, South Korea -Demonstrating students poured into downtown Seoul yesterday paralyzing traffic and clashing with police in anti-government protests. Police vehicles were burned and wrecked in one of the five provincial cities where demonstrations took place.

The government' placed troops and armored personnel carriers around the capitol building as the number of demonstrators estimated in Seoul alone increased to 30,000. It was not known how many demonstrators were involved outside Seoul.

Riot police, armed with clubs and tear gas, were outnumbered here, but troops armed with rifles did not join police in fighting the demonstrators. At least 200 students were arrested.

The volume and size of the demonstrations reminded some observers of the uprisings that toppled the government of president Syngman Rhee in 1960.

The slogan-chanting students took to the rain-swept streets of Seoul demanding the lifting of martial law and the resignation of new military

strongman Lt. Gen. Chun Doo-hwan.

The most violent demonstration of the day erupted in Taegu, Korea's third largest city 140 miles south of Seoul. About 500 students reportedly set fire to a policebus and wrecked three other police vehicles while destroying two police substations.

In Seoul, students poured onto the Chongro, one of Seoul's busiest streets. paralyzing traffic on the eightland roadway and forcing many shops to roll down their shutters.

This was the second straight day of demonstrations by students after about two weeks anti-government campus of rallies.

Gas Tax on Hold; **Courts Discuss**

WASHINGTON - The Carter administration conceded yesterday that the president's dime-a-gallon gasoline fee will not go into effect today as planned, even though the government is seeking to quickly overturn a

YES, MY NAME'S MIKE DOONES-BURY, AND I'M WITH THE ANDER SON CAMPAIGN. STATE E

DOONESBURY

udge's decision blocking the

On Capitol Hill, meanwhile, Treasury Secretary G. William Miller urged Congress to delay action on the fee while the appeal is pending.

Energy Department general counsel Lynn R. Coleman said the administration decided not to press for an appeals court order that might allow imposition of the fee by today, the day it was scheduled to take effect.

Instead, Coleman asked for - and received - from US District Judge Aubrey E. Robinson Jr. an order that requires companies that would be affected by the fee to maintain appropriate records, giving the administration the ability to quickly impose the fee if the appeals court reverses Robinson's decision of Tuesday which blocked the levy.

Coleman said the administration would file later today its appeals briefs with two appellate courts — the US Court of Appeals for the District of Columbia and the **Temporary Emergency Couri** of Appeals.

does not include professional services

Program.

classroom . . .

Gain practical experience ...

Check out career interests

Earn academic credit.

your academic work.

Apply what you are learning in the

Make yourself more employable ...

It's a valuable academic experience.

You'll work with a faculty advisor in

developing a research paper topic and

in setting goals for your internship.

Each placement is correlated to your

major and designed to complement



Muskie Urges Iran Sanctions

BRUSSELS, Belgium — US Secretary of State Edmund S. Muskie yesterday urged the European allies to apply meaningful economic sanctions against Iran, declaring that ingenuity, not force, offers the best hope for freeing the American

hostages. "Make them see they must pay a price," was his message to the NATO Defense Planning Committee.

Muskie urged foreign and defense ministers from 13 of the 15 NATO allies to increase their defense spending while the United States guards the Persian Gulf against the Soviets.

World Harvest **To Top Records?**

WASHINGTON - World grain production could rise significantly in 1980-81 and "may even exceed" the record output of two years ago, says the Agriculture Department.



But the experts admit a lot will depend on the weather in the United States, the Soviet Union and other key grain areas

"Early reports indicate a rise of almost 2 percent in the areas under wheat and coarse grains such as corn and barley," the report said.

Legislature May **Cut 9's Impact**

SACRAMENTO - Some Assembly members said Proposition 9 should be allowed to win or lose on its own merits — without a nudge from the Legislature.

The bill, AB3020 by Assemblyman Charles Imbrecht, R-Ventura, is aimed at reducing the \$4.9 billion that Proposition 9 would otherwise keep out of the state coffers.

The legislative logic is, the voters might fear that \$4.9 billion is too much, and reject Proposition 9. But if they knew it would cost the state only \$2.9 billion - at least this year - they might approve it.

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WHAT'S THE ULTIMATE 4 LETTER

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HOW DO I FIND A PLACEMENT? We find one-or you can help develop your own.

For more information, call 452-4355.



Continued from page 1 was going to happen." Several members of the Collective began taking turns "staking out" the bookstore, he said.

A week ago last Wednesday night, Roberto took his turn staking out the bookstore. Before positioning himself under a couch, directly behind the desk in which the cashbox was kept, Roberto recorded the amount and serial numbers of the bills in the box.

Roberto also wiped the cashbox clean in order to get

clear fingerprints, and readied his tape recorder. He then hid under the couch and behind some boxes positioning himself so he could see out.

Shortly after 5 am, Riley says he saw a UCSD police officer enter the store with a key. While Riley "never got a look at his face," he said he could tell that it was an officer by the clothing the officer was wearing.

Riley said the officer took some bills from the cashbox, and moved them toward his pocket. Riley did not actually see the bills being put in the officer's pocket, because of his "restricted view" behind the boxes.

Riley also saw and heard the officer pick up some quarters, but again he did not see the officer put them in his pocket.

Riley's initial reaction was to "hold my breath to keep from making noise."

Riley said the store was dark, but two lights outside provided enough light to see. After the officer had left, Riley said he put on his backpack with the tape recorder and left the store to find out who it was."

When Riley came out of the store, a police car (number P2) was outside in the adjoining access road, and an officer was close to the store. Riley began a conversation with the officer outside the store, and tried to get the officer to say he had been in the store. Riley told him he saw him go into the store. Riley said that the officer told him he got into the store with a key.

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"He admits readily that he was in the store. He said he went in for 'security reasons'.

Riley asked if the policeman would let him into the store, but was refused. Riley wanted to get back in to "call other members of the collective and count the money."

After that, Riley tried to find a spot where he could "watch him and the store at the same time." Please turn to page 10

AS Parties Out The Old, Laughs In The New

Continued from page 1 with the new proposal," vetoed the approval.

- the council allocated \$198 to ASsorted (sic) Vinyl, the AS record co-op, for supplies, despite protests from Bekken that "the store will go bankrupt in a month."

- new AS President Jeremy Charlton was finally inaugurated amid flying corks. The "silly" man sat n the wings munching Oreos throughout the meeting, waiting to take over the Council reins and calling the AS antics "very silly and unbelievable. I'm going to have 6'6' bouncers to take care of those people who cause problems when I'm president," he said. "We're going to have a hard

time outdoing these people," said Charlton, who will give it a try tomorrow on Revelle Plaza when he will "be handing out certificates which students can use to appoint themselves to any position they create.

"Ambassadorships are big," said Charlton, "especially to places like Antartica and China. I've already appointed a State Director for Equality of Desert Tortoises, for which I received

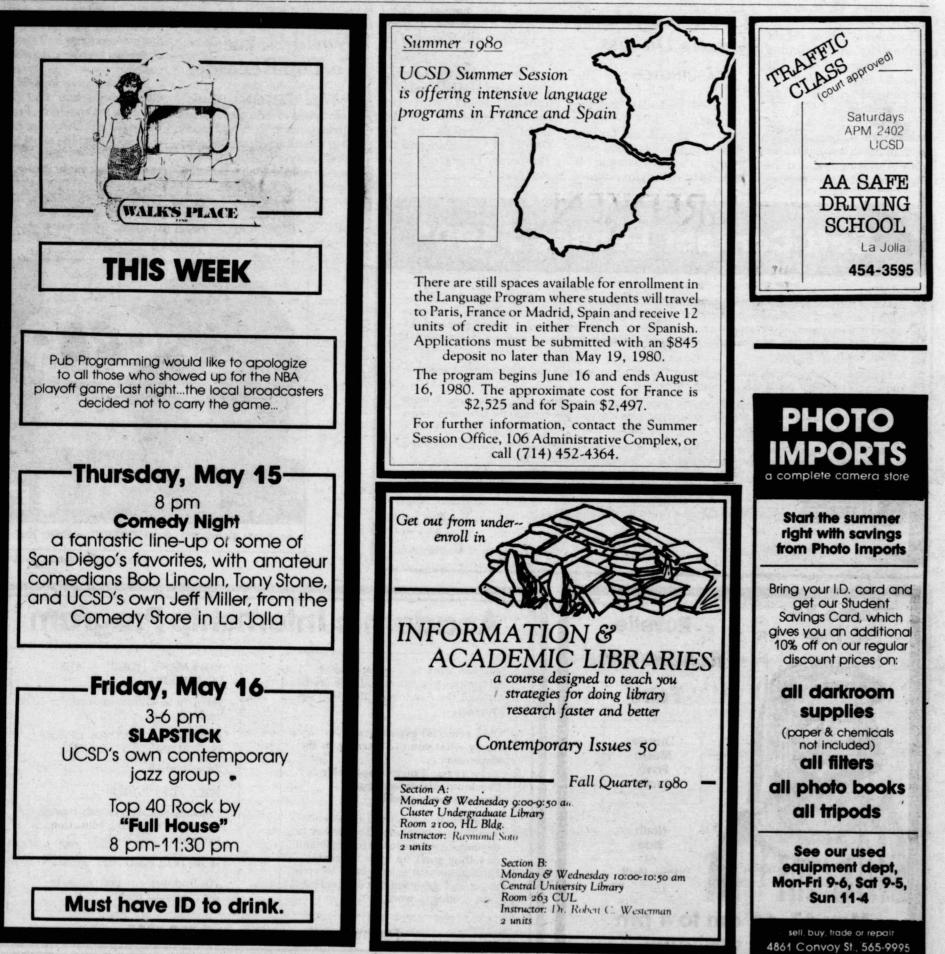
a 25 cent bribe," he admitted. Charlton is also supporting a drive to have every student know each other's first name by the end of the quarter, something he feels will

increase unity on campus. "Everyone will wear those 'Hello, my name is... nametags," he said. "Just think how much fun parties will be."

A "silly person of the year"

contest is another idea Charlton is pushing, hinting that "lunch with the President" may be among prizes for winners.

Most of Charlton's time as president has so far been spent on the new AS budget and on "learning as much as I can from Carlos (Montalvo), Bill (Topkis) and Randy (Woodard, AS Advisor).





BY MONICA GIEBEN Staff Writer

According to many biologists, recombinant DNA, also called gene-splicing or genetic engineering, may be the first type of technology that marks the commencement of the so called "age of microbiology" that scientists have seen coming for years.

Although still a fairly new and revolutionary development to most people, recombinant DNA techniques have been a major topic of conversation and study for a few years now among those in the scientific world. Biologists, having seen its potential, have been researching and experimenting in their laboratories trying to perfect what could be the most practical and benificial technology ever to reach society.

It wasn't until recently, however, that it acquired "big money" potential, and became a major topic of conversation the business world. in Recombinant DNA has sparked an interest among big businesses, and already new corporations that are endorsing recombinant DNA techniques in their business are popping up everywhere, while existing pharmaceutical corporations are expanding their laboratories to include facilities for recombinant DNA research. As one drug industry analyst puts it, "the most conservative realistic estimate of its potential is only

totally mind boggling." Why is recombinant DNA such an attractive prospect in both the scientific and business worlds? In a few words, it supplies man, for the first time, with an essentially limitless supply of necessary human and plant resources.

The methodology involves Please turn to page 6



Recombinant DNA Has Big Profit Potential

Agriculture, Medicine See Age of Microbiology Coming

Continued from page 5 inserting isolated genes that code for certain important human and animal products directly into living bacteria. A bacterium, having incorporated the foreign gene into its own genetic sequence, now follows the new gene's "instructions" and manufactures the vital product. It will multiply so that from a single cell we may get millions of progeny cells that produce that same material. As Dr. Donald Helenski, chairman of the Biology Department, says, "with recombinant DNA techniques, we can convert rapidly growing bacteria or yeast cells into literal factories toward the production of important human or animal gene products."

Recombinant DNA technology has presented the medical world with some very promising possibilities, for example the production of human insulin, or even more importantly, the production of human interferon, a substance that has potential as an antiviral or anti-tumoral agent to help in the fight against cancer. According to Helenski, "these gene products before the development of recombinant DNA, have been available, but it has been excruciatingly painful to obtain sufficient amounts of them

even beyond the medical world. Scientists hope that the agricultural world will also reap the benefits provided by the new technology.

A possibility that is already the focus of much research is the genetic engineering of a bacterium called Rhizobium which is responsible for biological nitrogen fixation in plants. Plants that normally require expensive fertilizer may now "fix" nitrogen directly from the air. Helenski's laboratory here

Dr. Donald Helinsk **UCSD Biologist**

is working with Rhizobium and experimenting with the use of recombinant DNA techniques. "In our laboratory, it has become a technology to modify Rhizobium so that it is more effective as a biological nitrogen fixer to provide for more protein rich plants." According to Helenski.

But the use of recombinant "this type of research is going DNA technology extends to be important and will be

taken advantage of in the future." With predictions of "a great food shortage in the next few decades" due to population increase, "it is going to be extremely important to experiment with technology on a recombinant DNA level. Medical technology provides sub-stances that haven't been available to us before, but also the agricultural area is providing for plants that have better growth properties, that are nutritionally better, and are more resistant to poor soil conditions, " says Helenski.

According to the Office of Technology Assessment, other achievements through recombinant DNA research include manufactured and natural foods, scavengers of pollutants, concentrators of scarce materials and products from biomass.

So, from existing evidence, there is no doubt that recombinant DNA technology may become a very important part of society's future functioning.

There is also much controversy, however, over deciding which people will primarily control the new technology. Many believe that once recombinant DNA technology and its products hit the money market, the wheels for turning scientific research into profit will begin to roll, crushing any original beneficial intentions.

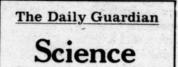
Already research and development in recombinant DNA has spread from university laboratories to small companies and even to major corporations. Genetech, Cetus Corp., Biogen, and Genex are some of the forerunners in this sudden interest and action in revolutionizing chemical and pharmaceutical production by incorporating DNA technology. These companies were some of the first to realize and take advantage of the fact that recombinant DNA techniques could, in the long run, lower the costs for the manufacture of chemical and pharmaceutical products by about 30 to 50 percent.

Many big companies in the chemical industry are signing contracts with genetic engineering specialists. Others have set up recombinant DNA research groups in their own labs. Brokers are following requests from investors to put money behind genetic engineering ventures.

And yet, even with all of these money and profit motivated moves and the rising competition involved, there are those who remain optimistic and truly believe that the commercial application of genetic engineering technology will be a beneficial development. According to these people, taking reasearch knowledge out of the labs and applying it to produce valuble products is humanitarian endeavor that has tremendous potential for helping society.

Helenski is one of these optimistic people and he believes that many of his associates in recombinant DNA research feel the same way. "I think the bulk of scientists in this field are very supportive of the idea of

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utilizing these revolutionary developments for commercial purposes. That is, taking research from the laboratories and providing practical ways to develop products that are medically and agriculturally important for society."

He also sees the profit angle of it as an unavoidable aspect and believes that it actually provides incentive for the utilization of the new recombinant DNA technology available to us. "It is expected that people who are involved with this should do it for a profit. I could think that one of the major reasons why our own research is being supported by the federal government, while it is largely basic in its nature, is that it is known that something will develop that can be applied, correcting and alleviating some of society's problems."

He admits that a controversy arises in having academic scientists involved with industry. Teaming up with industry is a "totally new Please turn to page 10



Music/Bud Russell **Down Home Blues Welcomed At The Beach**

"I don't care where I play, as long as the band is good," said Joe Turner last month Baby, Let's Play Hide and between sets at the Belly-Up Tavern in Solana Beach. Yet he must at times pause to contemplate the vast gulf separating those early Kansas City saloons where he first stepped out from behind the bar to belt out his big-voiced blues from places such as this surfer hangout next to the Pacific that features a giant fiberglass shark suspended

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from the ceiling with a pair of legs and swim fins disappearing into its craw, and where the next act scheduled is surf guitar legend Dick Dale and his Del Tones.

Whatever thoughts may cross his mind, Big Joe's vocal chords and artistic resolve remain unwavering. He no longer gets around very well, but he sat on the edge of the stage and proceeded to wail a nearly nonstop succession of his standards, proving that he is still up to the job. Backed by an excellent seven-piece unit of San Diego and Los Angeles musicians assembled for the occasion, Turner swung his way through "Corrina, Corrina," "I Took the Front Door In (And Had to Take the

Seek" and, of course, "Shake, Rattle and Roll." Before he was through everyone present knew what it meant for a voice to fill a room. Big Joe, who recently cut a new album with Count Basie, then sat down with friends at stageside to take in Willie Mae "Big Mama" Thornton's act.

It's a long way from Texas to surf safari country, too, but Thornton proved equal to the challenge. She interrupted her first song to inform the enthusiastic audience, trying its best to put its hands together with the beat: "You follow me. I don't follow you. And then: "I don't need no whoopin' now. Save your whoopin' for the end." A derelict surfer, clad in shorts, hawaiian shirt and sandals took up residence on his back beneath a table directly below the stage where Thornton sat, attired in a natty gray wool suit and ten gallon straw hat, and began to annoy her. She started out fairly easy on him: "Man, I'm up here tryin' to put on a show, and you're down there actin' like a jackass." Failing, she tried to shame him morally: "At least I don't sleep under no table where ladies got dresses on." Then she got tough with the bounder: "Man, why don't you shut up before I step on your mouth. Don't mess with me, man, 'cause I'm



From the saloons of Kansas City to a tavern in Solana Beach. Joe Turner still belts 'em out

dangerous." The capper: "I got a son 38 years old and five grandchildren. Don't play me cheap."

The orginator of "Hound Dog" and "Ball and Chain" finally got to do her show. Her somewhat laid-back Texas style proved a nice counterpoint to Big Joe's Kansas City swing stylings, as she carefully phrased her lyrics around her own tasty harp licks and solos by the band. A definitive performance of "Rock Me, Baby" was the standout of the set, with Thornton making sure that

each musician took a solo and registering approval by dispatching a smile that was literally a beacon in the night. A soulful rendition of "Stormy Monday" was dedicated to Joe Turner ("Hello, Joe, bring me another beer!"). "Gimme some saxophone!" she'd shout back over her shoulder, and Mark Lessman (tenor) or Steve Nieves (alto) would comply, stretching out with blues riffs augmented by quotations from jazz developments of the past two or three decades.

Satisfying at long last the

frequently vocalized desires of the crowd. Thornton ended her set with a sultry version of "Hound Dog" that drifted into "Walkin' the Dog." "If you don't know how to do it, I'll show you how to walk the dog," she offered. And she did. If Big Joe's voice had filled the room Big Mama's smile lit it up, as she slowly made her way offstage and into the dressing room.

The unlikely synthesis had taken hold: Kansas City and Texas blues had found a welcome spot in the hearts of the denizens of Surf City.



Records/Barry Alfonso

How Does this Guy Get Away With Turning This Stuff Out?

Thug of Love — Hamilton (Elektra)

You, the reader of this publication, probably are exposed to new rock music through listening to the radio or perhaps the advice of record-buying friends. Either way, I'll wager that you've heard next to nothing of the music of Dirk Hamilton, a California-based singer/songwriter who has released four LPs of original material since 1976. Now, I'll also bet that you

deprived you are of this obscure genius' particular talents. Uh-uh. There's no real reason why you should regret never hearing Hamilton, because his musical abilities are such that you wouldn't find much to like about him. I don't like him, and I've chosen to select his Thug Of Love album to dissect over dozens of worthier records. Why the hell aren't I writing about Linda Ronstadt or Billy Joel or someone with some sort of appeal — why Dirk Whatshisname?

That's just it - Dirk Hamilton is so unlikeable that he almost draws you to him at odd moments (if you've heard him) by his sheer repulsive-ness. This guy is fascinating because I cannot figure out who his audience could be or even what he's talking about half the time. Why is this man making records? Is he blackmailing the head of Elektra Records or what? Such questions cause me to ruminate over the strange case of Dirk Hamilton, Thug Of Love, Gassbag Poet, Mumbling Minstral of Our

Times. What do we know about this man? He plays guitar and sings in a slurred, gruff warble reminiscent of Van Morrison after a shot of codeine. He thinks he has something witty and profound to say about Modern Life, and over the course of four albums has convinced such name session musicians as Larry Carlton, Bill Payne and Garth Hudson to help him get his message out to The People. What he has to offer potential listeners is a cockeyed lyrical approach

along the lines of Blond On Blond-era Bob Dylan, garbled verse spiked with puns, bizarre grammar and a definite tendency toward the conceptionally bent. Check out these song titles — "She Don't Squash Bugs," "Mouth Full Of Suck," "Every Inch A Moon." Not the sort of stuff you'll find on an Eagles record, obviously

California singer Dirk Hamilton's music appeals to an audience all his own.

Here it must be said that Hamilton's spooky weirdness is just surface gloss to hide a

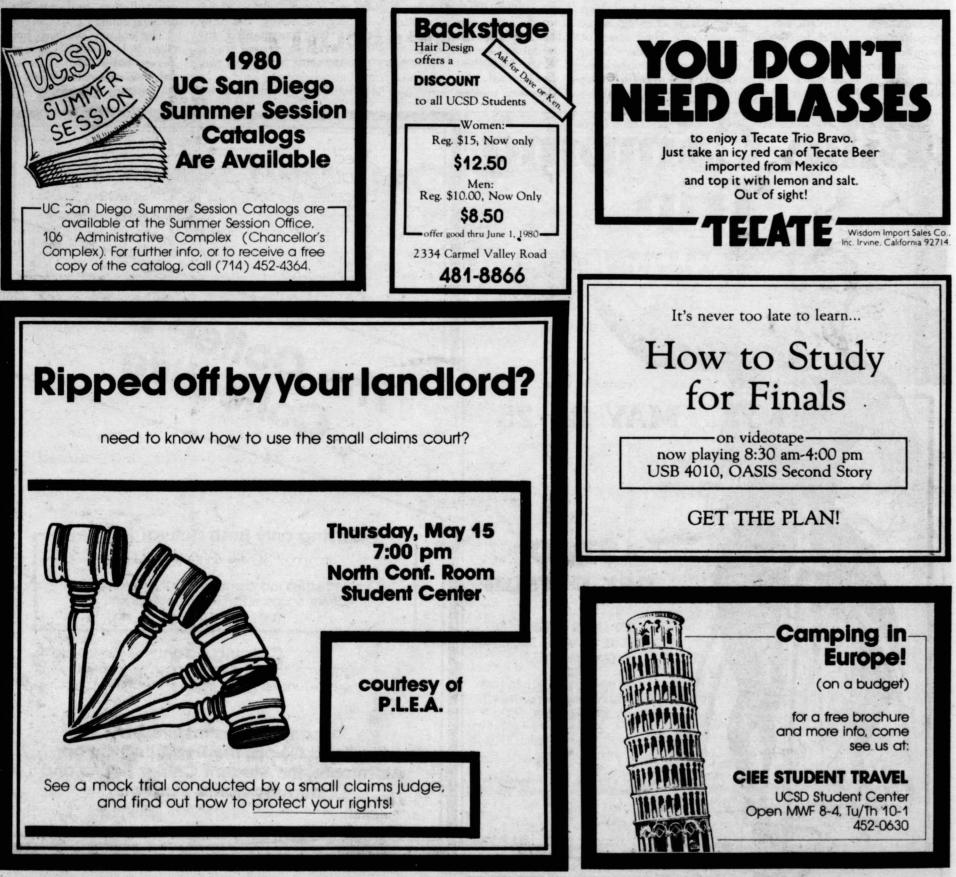
fairly mundane mind with rather commonplace morals to offer. In several songs, for instance, Hamilton goes to convoluted poetic lengths to make the point that television is bad for you — quite a revelation, eh? So now we can IGNORED? Because like some greasy old wino you'd meet Downtown at four in the morning waiting for a bus at Please turn to page 10

expect me to go on to say how **Poetry Potluck Here**

Around Town

Poetry potluck: Poets Steve Roberts, Dick Sisk, Shelley White and Kathy Shaver will read their works at 8 pm Tuesday, May 20 at The Coffee Hut. Also, there will be music by Marc McCaffrey and Enrique Riveros. An open reading will follow. Admission is one food dish for eating or one poem for reading.

An all-women production of Samuel Beckett's *Waiting For Godot* will be performed at 8 pm May 19-21, in the rock garden of the HSS building complex on Muir campus, directly behind room 2250. The cast includes Maura Clifford, Pat Please turn to page 10



Film/Lynette Tom

'Tin Drum' Marches to New Wave Cinemas Beat



Volker Schloendorff's, The Tin Drum, fulfills all expectations as the latest release in German New Wave Cinema.

Werner Herzog's Woyzcek and Rainer Werner Fassbinder's The Marriage Of Maria Braun are the products of the German New Wave cinema that have been received with open arms by their American audiences, and as a result, place high expectations for continued excellence upon the latest import, Volker Schloendorff's The Tin Drum. The film fulfills them with little or no effort.

The picture, adapted from the Gunter Grass novel, reaccounts the life of Oskar Matzerath, a withdrawn three year-old boy, who, disgusted by the sight of drunken guests at his birthday party, decides to stop growing. He succeeds in the task, and for the next 17 years, undergoes a series of Tom Thumb-inspired adventures. Two of them, the discovery that he has a scream that shatters glass and the playing of a tin drum that turns a Nazi rally into an outdoor waltz, enable the boy to travel through World War II Europe as a member of a troupe of wandering entertainers. Oskar's extended childhood is marked by tragedy, in the form of adultery and suicide, and national tragedy, the rise of Nazism. This leaves the boy's native Danzig in ruins and turns him into a war orphan. It is at this point that Oskar, now 20 years-old, must make a critical decision: to remain in a state of innocence and retarded youth, symbolized by his tin drum, or to enter

into the adult world, signified by physical growth

Gunter Grass' novel comes to stunning and unsettling reality through the screen adaptation by Jean-Claude Carriere, Scholendorff and Franz Seitz. At times, Scholendorff's direction seems somewhat stoic, but given the film's setting, such a mood is justified, and the gravity is punctuated by the wry humor of Oskar's voiceover narration. Igor Luther's cinematography is filled with stark images that exert their own separate energy, while Suzanne Baron's editing serves to magnify such power.

David Bennent's role as Oskar could be considered almost autobiographical, as he, like the young protagonist, had stopped growing at an early age. The 13 year-old's acting is remarkable, but the most memorable aspect of his portrayal are his wide bulbous eyes, which hold an expression that is haunting and prophetic. Angela Winkler's conscience-striken Agnes, Heinz Bennent's dutiful Alfred, and Daniel Olbrychski's compassionate Jan are equally as resonant. Catharina Thalback and Mariella Oliveri are well cast in their parts as Oskar's first love, Maria, and wartime romantic interest, Roswitha.

The Tin Drum opens at the Fine Arts Theater on May 16.



Recombinant DNA Biologists Now Valuable to Businessmen

Continued from page 6

experience for biologists. Physicists and chemists have commercial corporations. had many close relationships with industry for a number of years, but it is only recently that, with breakthroughs that have occurred in the biological sciences, biologists have been contain their consulting within sought out by commercial guidelines. The main enterprises for involvement in requirement here is that the commercial production."

are trying to work out what the expected of a faculty person,

proper kinds of involvement are in a relationship with Personally, I see nothing wrong with academic scientists involved in consulting commercial companies as long as they consultant does not take He adds, "some of us now himself out of the role which is

namely teaching and doing research for the community. think that these obligations are especially important. We must be extremely careful with regard to having any commercial interest interfere with academic research."

He believes that corporations should be bound by the same restrictions in their recombinant DNA research as was required during academic Please turn to page 12

You Won't Buy This Record

Continued from page 8 Horton Plaza who's turned garrulous after an extra swig of Old Mother's Courage, Hamilton is such a persistent, self-righteous, irritatingly weighty matters, a discussion pedantic loud-mouth CREEP of DH's latest collection, Thug that you don't soon forget him even if you want to. If he unnecessary. But this deserves any credit at all as a ostensibly IS a record review, songwriter and a performer, so we will note here that this it's because his sheer time Hamilton trades in his

obnoxiousness actually can get to you. He proves that you CAN be heard if you just YELL.

After considering such

Groundworks Probe

Continued from page 4

"I cared about watching the store to make sure he didn't go back in," said Riley. Riley was unable to keep both in sight, however, for approximately 20 minutes.

"I didn't know what to do. At one point in that 20-minute interval, I found myself walking toward the police station to report it." Halfway there he changed

his mind and went back to the bookstore, where two other policemen had arrived.

One officer "claimed that UCSD police have keys to all the doors, and they don't need any reason to go where they want to go. The only exceptions are certain laboratories where they might disturb experiments," Riley said

puffed-up white soul usual arrangements and bleary-eyed poetry in songs like "Out To Unroll The Wheel World," "The Main Attraction" and "Wholly Bowled Over." The most notable cut is "Moses And Me," where the songwriter is apparently comparing himself to Jesus Christ because he has to endure billboards and live in Los Angeles. The unremitting arrogance of Hamilton to write this drek bugs you so much that you stick out the rest of the LP with him - an accomplishment of sorts, I suppose.

You don't need this record. You won't buy this record. Dirk Hamilton has very little of value to say, which in part is probably why you're not going to hear him. I've already been exposed to him, so it's too late for me. But you, you're still okay. I hope you appreciate it.

Poetry Presented in A Variety of Ways

Continued from page 8

Knowlty, Laura Millis and Julie Sullivan and is directed and produced by Mark Hardiman. Free to the public.

(THE), featuring UCSD's own Harkins and Larson will perform at 8 pm Wednesday, May 21, in the Mandeville Auditorium. Admission is \$2.50 for general, \$1.50 for students, 452-3229.

Cancellation: The piano-percussion concert scheduled for Saturday, May 31 in Mandeville Auditorium, has been cancelled.

Exciting, original work by local artists is no longer a secret. Both national and international recognition is being directed toward San Diegans who are exhibiting works of art. Three such talented individuals, winners in the Juried Art Show held in conjunction with the 1979 KPBS Auction, discuss how and why they create art in a special half-hour documentary film Artists in Residence: Pieters, Wingginton, Greve. This film airs at 7 tonight on KPBS (Channel 15), and at 10 pm Monday, May 19.

The ATOMICAFE will present a special concert at 8 pm Tuesday, May 20, at the Center for Music Experiment, Warren Campus.

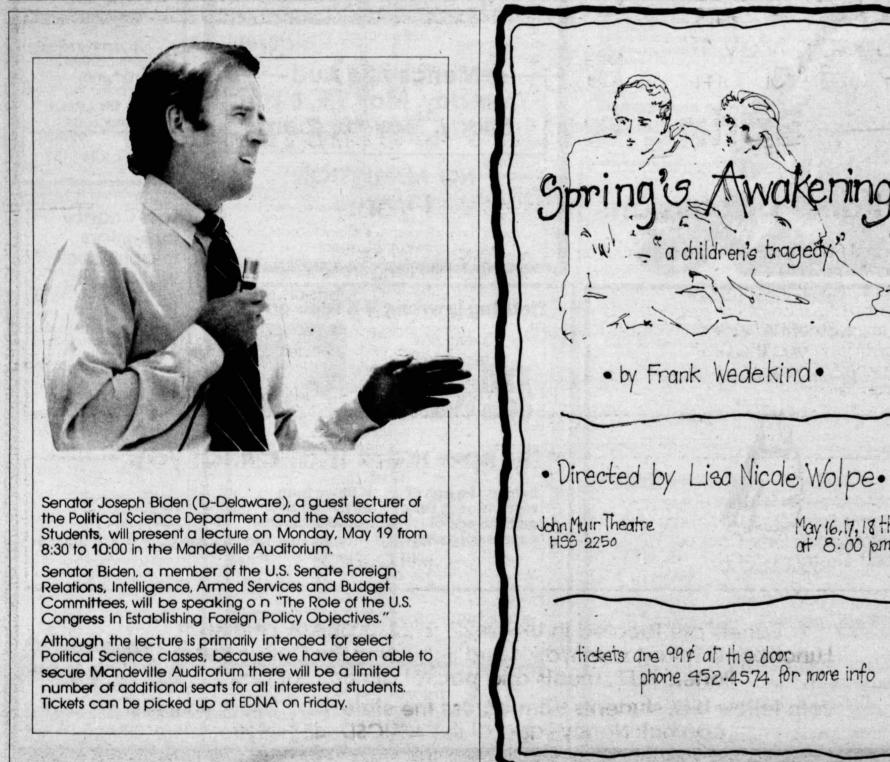
The Atomicafe, noted for presenting artistic efforts by students of various disciplines at UCSD and the community at large, will feature theatrical works this time. Program includes a piece for 20 vacuum cleaners by Wendy Chambers, music for percussion, voices, tape and instrumental ensembles.

The artists represented are all members of the UCSD Music Department - Deborah O'Grady, Ann Hankinson, Richard Zvonar, John Hiestand, Brian Woodbury, David Lindsey, Robert Frye, Paul Tydelski, Steed Cowart, and Tim Jones.

Concert is free and open to the public. For information call 452-3229.

San Diego's leading poetry group, "Antenna" will present an evening of poetry, A Brown Study, 7:30 pm to 9:30 pm, May 27, at the Second Avenue Theatre. Admission is by donation. Contact Diane Cage at 233-1176.

May 16, 17, 18 th at 8:00 pm



Classifieds

announcements

Come "Dance The Night Away" at Warren and Muir's Semi-Formal. Sat., May 17 9pm-1am at the Torrey Pines Inn. Tickets \$4.00. each. On sale at Box Office. (5/15)

"Dance The Night Away"! Warren and Muir's Semi-Formal. May 17, 9-1 am. Pictures on sale TWO 5"x7" for ONLY \$4.00. Get your tickets at the Box Office. Hurry so you don't get left in the cold. (5/15) D.G. Wills is holding its semi-annual 3-for-\$1.00 sale! Thousands of books, 17-24 May. Open 10 am - 10 pm daily. 7527 La Jolla Blvd. (5/24)

ASSORTED VINYL is open for business daily from 11-7. We are located in the Student Center, just south of EDNA. We buy and sell used records and carry a complete ine of blank tape and accessories. Check out ad for this weeks specials. (5/16)

Dance under the stars. Revelle Plaza Sat nite 9-1 May 17 FREE. (5/15) Emmanuelle is coming. TLH 107 Thurs.

15th, \$1.75, 7:00 & 9:00. (5/15) WE NEED VOLUNTEERS Assorted Vinyl

meets every Tuesday at 5:30 in the record store. Join us and get involved today! (5/13) Emmanuelle is a hard one to pass up. TLH 107 Thurs. 15th \$1.75 7:00 & 9:00. (5/15)

To Revelle Frosh & Sophomores; are you confused about science, language and humanities changes effective this Fall?

Then come to one of our information Wed. May 14 - 3:00 - 4:30, HL 1402 Thur. May 15 - 9:00 - 10:30, HL Aud. Fri. May 16, 1:00 - 2:30, HL Aud led by the

Revelle Academic Counselors (5/16) Third College Commuters, beach party, May 17 at la Jolla Shores, 12 - ? Free beer. bring student I.D. and picture I.D., lunch available, get tickets at Third College Dean's office. (5/16)

INTERNS WANTED: Summer interns are needed for the John Anderson presidential campaign. Work in San Diego or Washington DC. Unpaid position but some compensation may be available. Excellen opportunity to meet interesting people. Fro more info stop by AS Internship office.

Fall Quarter Internships! Applications available at AS Internship office. Deadline May 26. (5/23)

At 7:00 in the North Conference room this Thursday PLEA presents a small claims court judge, hearing a mock trial and answering your questions. Show up and take your dad to court for your past due allowance. (5/15)

Waiting for Godot - all female cast May 19,20,21, 8:00 pm in the rock garden behind HSS 2250 (John Muir Theatre), Free, (5/21) Racquetball at Black Mountain. Play two hours for \$1.50! Meet us at Urey Hall mailbox 8:30 pm Thursday. (5/15)

Attention Adventurers - Chance of a lifetime! Ride the rapids of Yosemite's Tuolemne River - May 21-22. One ticket available only, price negotiable. Call Claudia 488-1775. (5/16)

Seniors & Graduate students: Learn how to get a grant for graduate study abroad. Workshop, May 20, 12-1pm, North conference Room. For more info, call X3556. (5/19)

Why drive to LA to attend a Renaissance Faire when there is one on campus? Attend the Revelle Renaissance Faire, Sat. May 17 11-4. North side of Urey Hall. Come in costume! (5/16)

Come ye and enjoy the Revelle Renaissance Faire, Sat. 5/17. Games, Drama, Music, Foods, Crafts. North side of Lirey Hall, 11-4. Come in costume. (5/16)

Enjoy a day of merriment. Come and feast on all the foods, play the games, watch the performances and participate in the festive event. Attend the Revelle Renaissance Faire, Sat. May 17. North side of Urey Hall, 11-4. Come in costume. (5/16)

personals

EMBARASS YOUR FRIENDS! Happy Birthday Co. will bake a cake & sing anywhere, anytime — only \$7. 455-1280. (5/16,19)

ENID - You can learn how! Even Pre-meds are invited to the North Conference room, Thursday at 7:00. A small claims judge will tell us how. Harriet. P.S. Do you really want the slug back? (5/15)

Kirk, Losing a friendship is the worst thing in the world to lose. I'm sorry we ended this way. Me. (5/15)

Zippy, You're a little crazy or we wouldn't get along like we do. It's nice to know there's someone as wacky as me out there. M.M.

for sale

Leaving US - Yamaha 100cc \$395. Oneill wet suit -L \$90. Surfboard 7.8 \$70, great buys. Richard 270-8258. (5/22)

Dick Brewer surfboard 6'10" pintai excellent cond. \$100 481-8960 (M-Th) or 469-9255. (5/16) Beer Tapper: converted refrigerator with 10

Ib CO2 tank and fittings, \$125. Rob 452-3281 or 270-7048. (5/20

Open reel tape deck for salt. Pioneer RT 707. Autoreverse, full logic solenoid control 755-5564. Keith (5/16)

For sale: Royal manual typewriter. Asking \$50 - excellent condition Call Carolyn, 453-9245. (5/16)

Semi-new Peugeot moped. 700 mi. red. \$400 or best offer w/ accessories. Call Chris 481-8732. (5/16)

King size bean bags, \$29. Also huge 4' floor cushions, bean bag sofas, sleepers, lovers love them, for van or apt. Fabric, vinvl or velvet. 455-6448. (5/16)

1970 FORD TORINO 97,000 mi, new transmission, brakes, radiator and front end. \$1250.00-will bargain. Dave Ball 453-0244. (5/23)

housing

Roommate wanted to share 4 bdrm house in La Jolla for summer. Own room, Furnished. Walk to beach, \$125/mo, Quiet, clea personable, non-smokers. 454-5879 (5/21) Double room for 2 people available Sept.

Near Windansea Beach. 459-7125. (5/16) 2 roommate needed 3 bdrm condo Playmoor, Each own room, avail June. Call Eve 455-0682. (5/21)

Roommate needed to share Encinitas 2 bedroom house very close to beach. Avbl. now 942-2584. (5/20)

Roommate wanted to share large 3bedroom house in Clairmont. Own room plus . . . Available June 16th. \$165/mo. Dave or Sherril after 10 am. 292-6920. (5/16

Roommate wanted immediately for new Solana Beach condo. Master bedroom, own bath, pool, jacuzzi, dishwaher. We're two quiet, non-smoking grads. \$180/mo. 452-4806 (day) or 481-5298 (eves). (5/21)

Woman interested in child development needed for 18 hours child care per week in exchange for furnished studio apt w/ kitchen in old Del Mar. Walk to beach, bus, shops. 481-1580. (5/21)

2 bdrm. condo, lg. unfurnished, jacuzzi, pool. gym. Near Fashion Valley \$500. 459-7125 (5/16)

wanted

Native-speaking Japanese to participate in challenging work in the field of automatic language translation. Salary: open; flet hours: part or full time. Contact Katie at 459 6700. (5/16)

Intercollegiate photographers needed for 1980-81 school year. Paid by assignment. Call Karen 452-4211. (5/15)

Subjects for brain wave experiment. Must be cooperative. \$3.00/hr. Call Debbie x4266, 9-4 pm. (5/16)

Responsible, caring person wanted for hourly supervision of 2 yr, old who loves the utdoors. \$3 per hour for the right person. 453-6015 (Mesa Apts) (5/16)

SUMMER WORK - If you're tired of those jobs that require the IQ of a plant, we car ehip. We have a few openings for hard workers who would like to travel for the summer. Call 459-4396. (5/16)

Need reliable babysitter for 6 mos. old, 1 or 2 afternoons. Hours flexible. UCSD area. 455-5436. (5/16)

Energetic, enthusiastic salesperson wanted for part time sales - approximately 30 hrs/wk in a women's shoe & clothing boutique in La Jolla. \$3.75/hr commission. Evening shift and some weekends through summer. Call Leslie. 454-7577 (5/22)

services

Typists: IBM exper/theses/disser/ te papers/editing. RUSH jobs! 453-0656, 452-1488, 286-4936, 225-1449. (6/15) JENNY'S HOME TYPING-Term papers, theses, diss. Days and eves, 225-1449

Learn with an experienced tutor *Mathematics (Calculus a specialty Computer Science; Writing Composition: *General Chemistry, Physics & Biology, Call HARLEY 481-7589. (5/19) Before you type - Raise your grade! Let me edit your term paper, thesis, diss., 1 day service. 452-9629. (5/23)

mechanic. House calls and ride service. F

Michael's "On The Road" auto repair tune

Giving a ride to Estes Park, Colo on May 30. Call 453-6804. (5/16)

The San Diego Meditation Club is proud to announce Dial-A-Meditation: 457-2229. That's 457-2229. Each day a different aphorism is read by spiritual master Sri Chinmoy. Call today! 457 -2229. (5/16)

lost and found

Lost: McGregor baseball mit - Muir field late Thursday afternoon (5/8) please call 452-8605 if found thanks. (5/19) Lost black jacket w/"K. State Wildcats" or front at Warren field May 3. Call Chris 453

3332 Lost: in BSB ladies gold pocket watch. Reward. Linda ext 4185 or 452-7634. (5/16)

Found: set of keys on simple keyring by lounge area in BSB. call x3050. (5/16) Lost: Silver Seiko Watch Mon, 5/12, in TLH 107 or nearby. Please return. Jim 452-9665 (5/19)

Lost: one pair of glasses in a soft blue case If found please call 455-5579. (5/16) Lost: High School class ring. Location

unknown. Gold with violet stone. Reward 455-0959. (5/19) Found May 12: Gray black cat in Mui

parking lot. To identify call 452-9739 or 453-3386. (5/19) Lost: SR40 calculator last April in black

case in HL library. Jim eve. 455-1507

Found: a black umbrella last week outside Revelle deli. Jim eve. 455-1507. (5/19)

travel

CIEE Student Travel Center. Located on the second floor of the Student Center, open MWF 8-4, TuTh 10-1. Phone 452-0630.

WIDE WORLD TOURS - Experts in low cost fares. Former students who have traveled your way and know what you want. Be it a summer in Europe, Asia on the cheap, exploring New Zealand or simply getting to LA the cheapest, fastest way. Call us at 455-7710 or drop by and visit. There is never a charge for our service. We're located in La Jolla Village Mall (next to Bullocks), Don't - early bookings save you money! (5/16)

Moving to Bay Area? Renting truck 6/10, space for furniture & people. Call soon! Val 279-6744 after 8 pm. (5/20)

Sunday, May 18 9 am-4:30 pm First Annual Saturday, May 17 9 am-6 pm Spring Issues Conference

Panel Discussions that affect you:

Student Participation in University Governance Prop 9 (Jarvis II) Prop 10 (Rent Initiative) Democratization of the Regents UC Involvement in Nuclear Weapons Research Reaistration and the Draft Student Advocacy Child Care

Teaching Education University Lona-Ranae Plan Graduate and Professional Student Affirmative Action Collective Bargaining Sexual Harrassment Codification of the Federal Criminal Code UC Investments Grassroots Lobbying Efforts

By speakers that affect you:-

Senator Joseph R. Biden, Jr. Kenneth Feinberg, U.S. Senate Judiciary Counsel Assemblyman Pete Chacon Robert Gustafson, ACLU

Statewide Committee and Agency members ASUC Statewide Presidents and members Consumer Action Theatre Troupe (CATT, affiliated with CalPIRG).

Panels are located in USB 2622, 2722, 3030A/B, and 3070 Luncheons: Saturday at Walk's and Sunday at the Coffee Hut at 1:00 Panels FREE, meals and packet at minimal cost.

Join fellow U.C. students from across the state, and affect yourself. contact: Nancy Laga at the ASUCSD 452-4450

TUTOR - patient, kind, friendly tutoring

Precision VW service. Factory traine H. Grundstein. 436-3481. (5/19)

ups, electrical, light mechanical guaranteed - 456-1879. (5/19)

DNA Research Techniques Follow Guidelines

Continued from page 10 research. They should not set themselves apart from the socalled 'recombinant DNA guidelines' for this research. They should adhere to these guidelines even though they are not really legally obligated," says Helenski. He adds that most

He adds that most corporations presently utilizing recombinant DNA techniques are adhering to those federal guidelines.

He even believes that some

of the older pharmaceutical companies are a bit "too conservative," and sees this as a disadvantage for society. He would like to see society reap the harvest offered by recombinant DNA technology and he attributes the success of newer, smaller companies to their aggressiveness in adopting these new approaches despite the controversial complications they may bring.

"I feel that the pharmaceutical industry, at least in the development and use of recombinant DNA technology, at the present time, has taken a very conservative approach and done its best to go even beyond the guidelines in the correct use of recombinant DNA techniques."

Helenski expresses much faith and trust in industry's use of recombinant DNA techniques, especially in the area of the safety of research. "I feel very strongly that recombinant DNA technology does not present any more hazard to society than working with highly infectious agents as has been carried out for years by pharmaceutical companies to develop vaccines. In working with them, they have always been concerned with safety of employees and recombinant DNA will be no exception."

Helenski sums up the situation: "As time goes on

and more and more of this research is carried out, as more and more risk assessments are carried out, scientists in general, are becoming more and more convinced of something good coming out of the work for the public. I would be very happy if anything that I know about recombinant DNA has now been exploited in industry to help society overcome its problems and provide for its deficiencies."

