

THE CALIFORNIA TECH SEF



VOLUME LXXXVIII

NUMBER 20

PASADENA, CALIFORNIA

FRIDAY 6 MARCH 1987

Optional Dental Plan Coming to Institute; Local Dentists Available

by Steve Gómez

Starting first term next year (or third term this year if details are worked out soon enough), all Caltech undergraduate and graduate students will be eligible to sign up for the Safeguard Prepaid Dental Program. The plan is optional, but is such a deal that those already insured should take advantage of it. It costs \$34 a year for an eligible member, and \$68/year for a member and one dependent.

Once signed up, the member chooses a local dentist who belongs to the program. There are three dental offices, with a total of eight dentists, that belong to the program and are close to Caltech. Free benefits of the program include cleaning once every six months, oral examinations and diagnosis, office visits, full-mouth X-rays, and preventative dental education. Other services and treatments will require co-payment, including topical fluoride treatments (\$5.00), emergency treatment (\$15.00), broken appointment change (i.e., less than 24 hours notice - \$10.00), fillings (ranging from \$10-\$25 depending on the number of teeth involved), extractions (\$25-\$55 plus \$20 anesthesia, depending on the condition of the teeth), etc.

For those already covered by some dental insurance, your present insurance should pick up the cost of the co-payment depending on the type of insurance you carry. The best idea is to take care of your dental problems while in school now (when the insurance plan starts) while it is dirt cheap. You might not appreciate paying \$160 to have a tooth removed later when

it could have been done for \$28 in school. If anyone has questions, they can contact me, Steve Gómez, at x3762. I will try to answer your

questions on the matter. Since I am not always there, leave a message at the tone and I will get back to



The Van Is Back—Jeff "Larry" Flint, the new ASCIT upperclass Director-at-Large presents the freshly repaired ASCIT van. The van is available to ASCIT members who have good driving reputations. For information, or to reserve the van, contact Flint at Syndicate Alley (room 110, x3774).

What Happened to Oingo Boingo

Haymans of Flintridge Donate New Chair

[CNB] - Caltech has received a gift from Mr. and Mrs. Richard L. Hayman of Flintridge to establish the Dotty and Dick Hayman Professorship of Engineering.

Caltech President Marvin L. Goldberger said that one of Caltech's most eminent professors will be selected to hold the endowed chair. "Professorships are among the most important gifts our friends can contribute, since they enable us to recognize outstanding faculty as well as providing vital endowment funds that strengthen Caltech's financial base. We are deeply grateful to Dick and Dotty Hayman for their foresight and generosity." A gift of \$1.5 million

Budget Meeting

The budget meeting for the '87-'88 fiscal year is scheduled at 7:00pm next Tuesday, March 10th in the Millikan Board Room. All clubs and organizations should pick up a budget request form from Thu Le, Ruddock House, and return them by 5:00 pm today. Please mail them to Thu Le, mail code 1-55. No extensions granted.

is needed to endow a professorship at Caltech.

The Haymans' previous gifts to the Institute were the Richard L. and Dorothy M. Hayman Professorship in Mechanical Engineering held by Frank E. Marble, and the Hayman Lounge in Caltech's Athenaeum, in memory of Mr. Hayman's brother, Earl S. Hayman, a 1924 Caltech graduate. The Haymans have also contributed generously to the Caltech Alumni Fund, The Caltech Associates, and the Summer Undergraduate Research Fellowship (SURF) program.

Hayman, who studied mechanical engineering at Caltech, worked at Lockheed from 1936 to 1945 before founding his own company, Haskel, Inc. (Burbank, California), which produces compressed air (and gas) driven pumps, and special purpose valves, and metal flange seals for general industry and defense. He is also chairman of Haskel Energy Systems, Ltd., in England, a foreign subsidiary of his

Mr. and Mrs. Hayman are active members of The Associates, a Caltech support group. They are contributing Life Members and members of the President's CCircle. Mr. Hayman has just completed a two-year term as president of The Associates. He is also a member of the Caltech Alumni Association.

by Adam Slovik

"Why haven't we had the Oingo concert?" Since our entrance into the 'back to school' (Oingo Boingo Concert) sweepstakes, it seems the whole campus is filled with questions. Perhaps this article can shed light on the situation.

Brian Daniels and I were told of this contest without many details. After many phonecalls, some to New York, I reached someone who knew what was going on. This was on a Tuesday.

She said that she would send out the official rules in the mail, but that we had to handwrite on an index card our name and school and get it validated at a Honda dealer and send it to New York to be received by Monday.

Brian and I went to all the houses asking for monetary support for the cards and stamps as well as labor to fill out these cards. All the houses except Lloyd (and of course Fleming) refused money, saying that their houses were not enthusiastic. Lloyd and Fleming decided to go on, knowing that all the houses would gain if we won, even if they put no effort in.

We bought and filled out as many cards as we could afford to send to New York.

More cards

On Friday morning, hearing a promotion for this contest on KROQ, I called, to be told by Kathleen Riely that we could deliver our entries to the station rather than send them to New York. Without the cost of the stamps we could afford to send

Friday at five.

We filled out (all the houses except Page participating at this point) 52,000 entries and drove them to KROQ. Kathleen seemed optimistic about our chances. Now the waiting started.

The long wait...

Every Monday and Friday I called Kathleen at KROQ and was told that nothing was new as to the winner and to call back. After several weeks, and constant nagging by the CIT community, I called Honda-the sponsor. Pam Dean told me the winner would be announced in three days and that if we weren't told yet (the winner was to be told before the rest of the world) we probably hadn't won.

The next day Clea came to me, telling me that the public events office got a phone call and referred it to her. She gave me the name and phone number for Mark Shimmel. I immediately called him and he verified that we won. I was told that there was a problem with our entries not being validated but because of our great enthusiasm we would be given a concert as well as the next school with less-but validated - entries.

Problems arise

After talking with many people in the administration and with concert halls and more, Mark Shimmel called to say that the concert would be on December 23. I said that would be unacceptable, seeing that many students go home for Christmas. Since the band was go-

many more entries. We had until ing to be on tour, we might have wait until June. Great!

We started talking about the size of the stage, the dressing rooms, security, lights, insurance, etc. Several weeks later I got a call saying that Mark is sorry but we can no longer have a concert. The band did not want to give two concerts for one contest. Why should they have to pay for what they felt was KROQ's mistake? He tried everything he could but it ain't going to happen. That's it.

I called Kathleen from KROQ (remember her?) and yelled my head off. She said that whether or not our entries entitled us to a concert or not and whether or not she had the right to tell us what she did was irrelevant.

All that in mind, they still promised us a concert and she was going to hold them to that promise. The next day—"there isn't much that I can do...

At this point I went to our friendly Deans and we set up a meeting with the Institute lawyer. The lawyer thought that the 20 tickets offered to us in compensation for the whole affair was ridiculous. How about 800 tickets for all the undergrads, maybe 1600 for the grad students as well, or maybe even 2000 to include some staff.

The CIT lawyer together with our public relations office (a direct line to the press) are going to try to convince Honda and whoever else that it is in their best interest to satisfy us.

As it stands now, a concert is impossible. A reasonable number of tickets to a show in L.A... we'll see.

OPINION

Frosh In Trouble

To the Editors:

By now, most of the undergraduates of Caltech are at least somewhat aware of the recent actions of the BOC concerning the three freshmen Shubber Ali, Thor Clark, and Chris Edgington, (who have all initiated public discussion of their cases per article VII, section 2.(i) of the ASCIT By-Laws). Also by now there has been much spreading of information and misinformation and discussion, both constructive and not so constructive, between the students. My purpose here is to consolidate what is known about the facts in general and to express my sentiments as to what appears to be a serious error in judgment. Unfortunately, public information is quite limited in these matters. It is sadly ironic that the truth is so hard to find in a place where it is supposed to set one free. As with most aspects of life, one must make do with what is available and make the best judgment based upon those facts.

Here is a short summary of what is public knowledge at this time:

1) The two freshmen Thor and Chris stole a couch from Lloyd House first term and kept it in their room for several weeks.

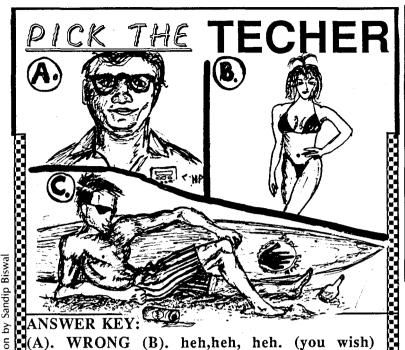
2) Early second term Thor and Chris took another couch from Lloyd and then Shubber and Thor took a third couch.

3) At this point Lloyd realized what was going on and demanded return of the couches. The couches were returned and Lloyd decided to bring the matter before the BOC via the usual channels.

4) For reasons unknown the hearing was delayed until approximately one week ago, at which time the three freshmen were questioned separately in a rotating fashion (first one, second one, third one, first one, etc.)

5) All three were questioned extensively upon the issues surrounding the stealing of the couches.

6) Chris Edgington was questioned extensively upon his understanding of the honor system. His questioning included hypothetical



cases. Shubber and Thor were not questioned as extensively along these lines.

(C). Not any more.

7) After long deliberations, the BOC made the following recommendations: Thor and Shubber should be put on probation; Chris Edgington should be expelled from school

8) Chris was told that the recommendation in his case was based upon the BOC's interpretation of his attitude toward the honor system—the BOC felt that his continued presence would be a threat to the Caltech community under the rules of the honor system.

9) The final verdict is awaiting the Dean's decision.

The events outlined above bring two fundamental questions to my mind: Is the BOC's primary function, that of nullification of advantage, being properly served here, and should the BOC's decisions be based upon past events or future expectations?

If the BOC's primary function is to nullify advantage, and I am under the impression that this is so, I do not believe that the recommendations handed down by the BOC are justified. In this case, the three freshmen took advantage of the members of Lloyd House by depriving them of their couches for an extended time period. This obviously was worth something of

value to Lloyd. However, the BOC's decision in no way, shape, or form compensated Lloyd for the value of its loss of furniture for this time period-although rents were paid, no wear and tear charges were assessed, and no public service to Lloyd was recommended. Instead, Lloyd got back some used furniture and the three offenders were handed recommendations to hopefully prevent future violations by them. I am afraid that the relationship between the advantage taken and recommendations given is not unlike that between apples and oranges.

The second fundamental question, the basis upon which members of our community should be judged by the BOC, merits much thought and rational discussion among us. No one believes for a instant that Chris Edgington was recommended for expulsion because he stole a couch from Lloyd—this

Thoughts About BOC

The editorship feels that with such a major controversy on hand, we too should make our own comments concerning the BOC.

As a part of the student government system the BOC allows us as students to play a major role in our community. We govern ourselves and we interpret and suggest reprimands for our peers. The honor system and its enforcement by the BOC give us freedom and a maturity found on few campuses.

However, we may be inexperienced with the power and responsibility that goes with such a position. The Board of Control

idea is ludicrous. Therefore, it must be construed that the recommendation was made not upon events which occurred in the past, but rather upon the BOC's estimation of what Chris might or might not do in the future. In effect, Chris Edgington is being sentenced for crimes not committed, for advantages not taken-he has been judged to be guilty in the future, an incorrigible violator. This decision was not based upon a prior record, but upon the collective opinion of the BOC of Chris's character as a human being. I do not believe that this type of judgment belongs at Caltech or even within the confines of a free society. In some respects it is reminiscent of McCarthyism. Civil liberties are certainly being

However, descriptive namecalling and angry flailing will not bring a resolution of positive value to this subject. It is time we take a serious look at the society we have created and work together to better it for all. I invite all who have constructive comments about this subject to express them to the community, especially those who have served or are presently serv-

continued on page 3

may have the honor system and community in mind while trying such cases. Do they realize the impact they have on the student's future when they pass judgment and reprimand the offender with forced leave or expulsion?

The Caltech community may understand well enough, but will the rest of the world understand that taking "unfair advantage" (and its interpretations) of others is such a disastrous wrong?

The BOC allows us to live with each other as we do but it may, in its zeal for justice, ignore the more basic realities of life. -J.L.

THE CALIFORNIA TECH

Volume LXXXVIII • Number 20 6 March 1987

ILLUSTRIOUS POTENTATES
Ken Haynes • Michael Keating
Jennifer Low

ENTERTAINMENT DEMIURGE Jens Peter Alfke

PHOTO DEMIURGE
Joey Francis

SPORTS DEMIURGE Steve Bard ANNOUNCEMENTS EXARCH

NNOUNCEMENTS EXARCH
Josh Kurutz

DAEMONS

Huy Cao • Steve Gómez Rob Grothe • John Haba Amanda Heaton • Maneesh Jain Mark D. Looper • Kevin Nelson Glenn Tesler • Marty Zimmerman

PHOTO LIEGEMEN
Shubber Ali • Steve Bard
Joey Francis • Glenn Tesler

BRAHMAN Sandip Biswal

THE INSIDE WORLD
Blacker: Alex Wei
Dabney: Al Petterson
Fleming: Ed Zanelli
Lloyd: Keith Owens, Brian Patterson
and John Wiltse
Page: James Ibbetson

Page: James Ibbetson and Dean Wilber Ricketts: Lisa LePome and Gary Ludlam Ruddock: Betsy Andrews

CAPTAINS OF INDUSTRY
David Goldreich
Gavin Claypool

PRODUCTION VASSALS
Nick Smith • Glenn Tesler

PEON AMONG THE RANK AND FILE Jay Lieske

THE CALIFORNIA TECH 107-51 Winnett Student Center California Institute of Technology Pasadena, California 91125

Phone: [818] 356-6154

Published weekly except during examination and vacation periods by the Associated Students of the California Institute of Technology, Inc. (but primarily by the Editors). The opinions expressed herein are strictly those of the authors and do not necessarily reflect those of the Editors.

Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. The Editors reserve the right to abridge and edit letters for expediency, literacy, or for any other damn reason they feel like. So there. Turn in copy (preferably on an IBM-compatible, WordStar-formatted floppy disk) to the *Tech* office mailbox, room 107 Winnett. The deadline for copy is Wednesday at 5PM; for announcements, Tuesday at 5PM. Late copy may not be printed unless prior arrangements have been made with the editors.

Subscription requests should be directed to the attention of the business manager. Rates are \$3.00 per term, \$8.00 per annum (three terms), \$100 per life (many terms)

Printed by News-Type Service, Glendale, California

ISSN 0008-1582

Specializing in Unisex
Haircuts, Perms,
and Color
20% off to
Caltech community
Walk-ins and
Appointments
991 E. Green Street
Pasadena, California
Parking on
108 S. Catalina
793-2243 or 449-4436

Tina & Michael

HAIR DESIGN

Greg Susca Painting and Wallcovering Interior and Exterior

(818) 249–5646

License #456757

Special discounts to Caltech community

TONIGHT at 7:30 and 10:00

2001

A SPACE ODYSSEY

Next Week – Beverly Hills Cop in Baxter Lecture Hall \$1.45CIT members \$1.5O all others

SELF-SERVICE COPIES

5¢

kinko's copies

Open 24 Hours SEVEN DAYS A WEEK visit our new location!

Kinko's Glendale

441 N. Brand Blvd. Glendale (818) 500–1811

NOW OPEN! (but not 24 hours)

Copies beyond belief from state-of-the-art Xerox copiers for great-looking flyers, newsletters, brochures, theses, reports, and resumes.

Print quality and incredible speed at prices that will astound you!

kinko's

827 E. Colorado Blvd. Pasadena (818) 793-6336

ing on the BOC. In general, I believe a better informed community will cooperate better and make better decisions. Hopefully, the truth will set us free in the end after

> -Frank Vasquez, Jr. Fleming House V.P.

Control Questioned

Recently, certain actions of the Board of Control (BOC) have led a number of students to question the the amount of power which has been delegated to the BOC, and whether new guidelines governing the procedure and actions of the BOC should be instituted.

The Board of Control was originally created to maintain the integrity of the Honor System at Caltech. It was endowed with certain powers in order to help it do just that. The BOC was (and is) composed of nine voting membersone representative from each house, and two reps at large- as well as a chairman and secretary. These representatives were to be elected by the student body on the qualification that they had the Institute's best interests in mind, and would uphold the Honor System. At least, this was the original theory upon which the formation of the BOC was based. Since its creation, though, students and faculty have come to question just how beneficial the existence of the BOC, in its present form, is.

The first problem with the modern day BOC is actually caused by the students themselves. The representatives from certain houses have sometimes become reps only because nobody was willing to run for the job, and only after being asked did someone finally agree to do it. This brings forth an important question: do such representatives really have the upholding of the Honor System as their main motivation, or do they just consider being a BOC rep just another job they have to do, without considering the full implications of what they are getting into? Also, if such a 'representative' doesn't really represent the opinions of the house which elected him, how can such a person be considered as a part of a group of our peers who have been selected on the basis that they will hold the Honor System above all

else and will therefore use extreme care when trying possible violators of the system? How, too, will such individuals be able to keep personal, or even house, bias from entering in their decision concerning a student violation of the code? It is possible that the schism between the personalities of the individual houses reflects on the representatives of such houses; is it not therefore possible, or even probable that a BOC vote could be biased for or against a student depending on which house he is from, and how the different representatives feel about that house, or more importantly, about that student? As any intelligent person realizes, it is impossible to keep even the smallest amount of personal bias, good or bad, from entering into one's hopefully objective decision.

A possible solution to this problem is to change the procedure for the picking of representatives for the BOC. Instead of each house having one representative, wouldn't it be better to have the entire student body determine who should represent it at the BOC? This would actually increase the possibility of getting more qualified people on the BOC, because an interested student would have a better chance of being elected if he was running for one of seven spots, as opposed to running for simply one spot. It would also generate more interest in the BOC because students would be concerned about having too many people from one house in control of the board.

A second, more important issue is the amount of power the BOC currently wields. Under current policy, the BOC's actions, if any, take the form of recommendations to the Dean of Students. The proceedings of the BOC are kept under lock and key and are available only to the BOC. The administration has no access to these records (little t, 86-87). On the surface, this seems to present no problems, but when one looks more closely at just what this means in terms of checks and balances, one realizes that there is a serious imbalance caused by this. Although it is true that the BOC only makes a recommendation to the Dean, it is a matter of Institute history that the Dean respects and usually abides by the decision of the BOC. This, in itself, is fine. The problem arises when one realizes that the BOC that is making the recommendation

may not be completely without bias; in other words, the Dean may be unwittingly basing his decision on a recommendation that he assumed, out of past experience with the BOC, was merited. Even if a student appeals the BOC's recommendation, the Dean does not have access to the unedited version of the minutes of the case, and therefore can only base his decision on his conversations with both the BOC chairman and the student involved. The lack of access to the minutes by anybody other than the BOC hinders the possibility of the Dean to make a decision based on all of the facts presented at the hearing; unless he conducts his own formal investigation, he is relying mainly on what he hears. Even the accused student may not know specifically why he or she may be recommended for a certain punishment, because the BOC never informed him or her of the specific violation. How, too, can the BOC make a decision to recommend a student for expulsion or forced leave on the basis of one night's questioning? And, in such an extreme case as expulsion or forced leave, which usually results in the same outcome (i.e., a student permanently leaving the Institute), should not the accused be allowed to at least be completely informed of the exact reasoning upon which the decision is based? That is currently not the policy of the BOC.

Last, but certainly most importantly, it appears the Honor System has a flaw in it which is possibly the source for the problems concerning the BOC. A hypothetical case raised by the BOC was as follows: If you caught a close friend of yours cheating on a test, what would you do? While the majority of students I asked this answered that they would first ask the student what caused him to do this, would he cover it up, would he turn himself in, would he do it againand if the friend was not willing to turn himself in or planned to do it again, then the student would turn him in—the BOC believes that the student is not a liberty to make the decision to question their friend. Instead, they should immediately turn in their friend-in fact, they should actually turn in any violator of the Honor System, no matter the crime, because that is why the BOC was created—to deal with violators.

While I can agree with their statement in regards to vandals, or repeat offenders, or certain other kinds of violators. I do not believe that students will abide by the BOC statement that one should turn in one's friends without first giving them the chance to correct their own digressions. Or, on the even more absurd end of the violation spectrum, what should you do if you know that someone is using another student's soap in the shower without that student's permission. Should you first tell the victimized student and let her solve the problem on her own, or should you immediately turn the violator in to the BOC? One can instantly recognize the foolishness in doing such a thing, but as the board has stated it, the letter of the law must be obeyed. This system of informing on everybody else for even the smallest thing is reminiscent of another system that was eventually similar to this. It existed in Germany in the 1930's and 40's and even involved children informing on their own families. Many students, including myself, consider Caltech to be a family. I would seriously regret to seeing the same thing happen here.

-Shubber Ali

Support For Board

To the Editors:

One of the greatest benefits of a society such as ours is that people can participate in the decisions of the government. But it is not always practical or advisable for everyone to be involved with certain decisions, such as national defense, or whether or not a person is guilty of a certain offense and what his punishment should be. So we select a group of people to learn the facts and make the decisions for us. Often the decisions which these people make are unpopular or seem illogical. But it is foolish for us to react every time by passing a law preventing them from making such a decision. We must acknowledge the fact that in many cases we probably do not know all of the relevant information and therefore cannot make an informed decision.

I would like to extend this into an analogy of our student body and the function of the BOC. There are reasons why honor system violations are not brought before the entire student body, and it is the BOC's duty to represent us in these

Many of you were recently presented with one side of such a case, in which the BOC made a seemingly illogical decision. You might have endorsed a petition which would prevent the BOC from making such a decision. I ask you to reconsider, and to objectively think about what I have to say.

The students on the BOC have difficult decisions to make, and probably do not make them lightly or without considering all of the facts. Consequently, when they make a decision which is obviously harsher than the supposed infraction, I submit that they are basing their decision on additional information of which we are not aware.

I would like to point out that the BOC is merely an advisory committee which submits its recommendations to the Dean, who makes the final decision. You might say, "But the Dean just rubber-stamps the BOC's decisions anyway." I present instead the probability that the BOC makes recommendations which are for the most part fair, and need not be altered by the Dean. And even if this in not the case, do you think that the Dean would just "rubberstamp" the very serious recommendation of suspension or expulsion, especially if it seemed way out of proportion to the offense committed? I think that the Dean would consider such a recommendation very seriously, and would consult with others if he had any doubts in the matter.

Even if the Dean approves the BOC's recommendation, the affected party can appeal his case formally to the Grievance Committee, and informally to the Vice President of Student Affairs, the Provost, and the President. I think it is very unlikely that a truly unfair decision which could affect a person so much would make it past all of these checks and balances.

With these facts in mind, I think that the BOC would not, even if only for its own interest, submit a recommendation which it did not truly believe was justifiable and proportional to the offense committed.

Arbitrarily restricting the capabilities of the BOC is unnecessary and unwarranted, especially if the decision is being made without knowledge of all of the facts. Putting limitations on the reasons for suspension and expulsion is not only inappropriate, but could prevent the BOC from taking such an action in a situation which cannot be foreseen. There are ample safety checks in the system; let's not overreact out of ignorance of the facts. If there is a decision to be made, it should be carefully thought out after all the details are known.

David Lipin President, Ricketts House



- CHICKEN TAVOUK KEBAB
- Fresh Seafood Specials
- GOURMET GIANT HAMBURGERS
- Daily Specials on the Board
- Refills on Soft Drinks and Salad Bar

all at reasonable and affordable prices all include French fries or rice pilaf, infinite salad, peta bread and butter

FOR THE ENTIRE MONTH OF MARCH

A FREE ROOT BEER FLOAT TO ALL JUNIORS, SENIORS AND GRADS

FACULTY, GRAD STUDENTS, ATTEND! MONDAYS & TUESDAYS ARE BEER DAYS. HALF PRICE ON BEER.

535 SOUTH LAKE AVENUE 1/2 BLOCK NORTH OF CALIFORNIA

PROUD PROVIDERS

OF CALTECH'S FOOD SERVICES



OPINION

Arms Talk Deceptive

State department representative Mike Stafford's talk here (the Tech, 27 February) was accurate and precise, but completely obscured the basic facts-that the Reagan administration has no interest in arms

Stafford painted a picture of administration negotiatiors making great progress towards an arms control agreement, coming much closer to an agreement than we had been two years ago. However, with arms control you either have an agreement, or you don't. Close counts in nuclear weapons, but it doesn't in nuclear arms treaties. And all Stafford's talk is worthless if there is no treaty to back it up. What Stafford didn't talk about is that his direct boss-chief U.S. negotiator Fred Nitze-has consistently opposed every arms control agreement ever sighed. So when Stafford and Nitze say they are "close," why should we believe that they ever intend to cross the finish line?

Stafford claims that we are "closer" to an agreement because the U.S.S.R. had dropped its demand that non-intercontinental delivery systems be included in the 50% reduction envisioned in the START talks. How close is an agreement if the Soviets absolutely refuse to limit their intercontinental offensive weapons as long as the U.S. refuses to limit Star Wars, and the Reagan administration refuses to limit Star Wars? Not

Stafford claims that the reason negotiations for a comprehensive test ban haven't started are because of disagreement over the name of the negotiations. How close is a comprehensive test ban if it is Reagan administration policy that a verifiable test ban is not desirable? How close is a comprehensive test ban if the Reagan administration claims it would only agree to a CTB after drastic reductions in nuclear forces? Not close. Finally, how close is Ronald Reagan to being within the law, if the limited test ban treaty of 1963-rattified by the Senate and hence the law of the land-states that the signers "seek to achieve the discontinuance of all test explo-

Stafford claimed that "Salt II would have allowed doubling of current levels of weaponry, and took an inordinate amount of time to negotiate." What would have happened without Salt II? Tripling of weaponry? Quadrupling of weaponry? Now that the Reagan administration has broken the Salt II limits that both sides had abided by, we may have a chance to find out. Is there any doubt that the day the U.S. broke the limit, some general in the Soviet military went to Gorbachev and claimed that the only appropriate Soviet response could be a buildup in offensive systems? And what twists of logic are required to conclude that because a treaty took a long time to negotiate, we should abrogate it?

Stafford's talk was a public relations move by an administration that gives lip service to arms control in order to appease the public and make sure that the Congress does not see the light and act on its own. I think it is very clear that the administration's negotiating posture in Geneva is not designed to produce any sort of agreement. Reagan has appointed men to negotiate who have been on record for over 25 years as opposing arms control

agreements of any kind with the Soviet Union.

It will be interesting to see the administration's reaction to Gorbachev's latest proposal to remove medium range missiles from Europe: an idea that seems identical to the much touted "zero-option" that Reagan advocated several years ago. As usual the first statements have been of the "take a closer look" and "what about verification" type.

-Ann Terese Heil 206 - 41Grad Student, ChE

Defense Polls Out

A "Caltech Poll on Defense Issues" has been circulated to 600 Caltech students. The poll has been put together by members of the Social Science department (mostly me) with input from other students to try to measure how much students here know about certain defense issues, and what they think about them. Despite assurances of anonymity (and the offering of prizes) we have only received responses from about 400 people. We've also received many complaints of being "unscientific". We will be happy to discuss these complaints (many people have raised valid points) after we get all of the polls back. However, nothing will make our responses more "unscientific" than if we only get back polls from some of the people we mailed them to: specifically, only polls from the people who care about, or have thought about, the questions being asked. That's why we would like the remaining 200 or so people who have received polls to please return them. Our sense is that many people are not returning the poll because respondents are asked to put their name on the poll. The only reason for the name is so that we know who has not returned the poll, and can try and track them down. When we get the polls we rip the names from the responses (and use the names to draw for prizes). If for some reason this does not offer you quite enough security, please rip the name off yourself, and send it and the completed poll in separate envelopes. If a reasonable number of the 200 outstanding respondents do this, your anonymity will be assured. If even this is not good enough, please send in the poll without a name on it. And if you simply don't want to answer the poll, please let us know so that we do not hound you any further for a response. Any questions can be directed to me (Jonathan Nagler) at x4699, in Baxter, Room 350, or mail code 228-77. When all the results are in and tabulated, they'll be written up in the Tech.

-Jonathan Nagler Grad Student, Social Science To the Editors:

In her letter [California Tech, 27 February 1987] attempting to portray the Sandanistas as the defenders of democracy in Central America, Ann Terese Heil mentions as a side point that the Popular Front for the Liberation for Palestine [PFLP] "simply wants to negotiate with our friend Israel to get a place to live." In the future, Ms. Heil would be well advised to find out the facts before making a public display of her ignorance.

The PFLP is perhaps the most radical terrorist group associated with the Palestine Liberation Organization [PLO]. They have proudly claimed responsibility for numerous acts of terrorism against civilians around the world, including the 1970 mid-air explosion of a Swissair jetliner that killed 47 passengers and crew members.

Dr. George Habash, leader of the PFLP said, "There is a minimal Palestinian national position. This minimum is the rejection of any recognition of the Zionist entity...our rejection of any settlement based on the continued existence of this foreign entity." This does not sound like an appeal for negotiations as Ms. Heil would have us believe.

-David Goldreich

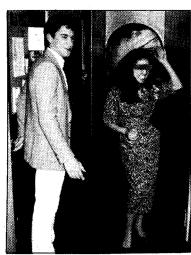
Illustration Plagiarism?

To the Editors:

I noticed a very distinct similarity between the drawing by Sandip Biswal on the first page of last week's Tech ("America's Cup Fever") and a drawing by Warren Miller on page 25 of the 19 January issue of The New Yorker. In fact, this seems to be a case of blatant plagiarism. I hope steps are taken to correct this problem.

-David Nice Ricketts House

You're wrong. It wasn't blatant. Biswal drew a rendition of a cartoon which Dr. Clauser presented in his slide show. We thank Mr. Nice for identifying the original.



Ed Finds a Date—Ed Z. finally scores on the night of Wine and Candlelight. His date remains anonymous.

LAEMMLE THEATRES

ESOUIRE

2670 E. Colorado Blvd. (818) 793-6149

8 Oscar Nominations

ROOM WITH A VIEW

plus

2 Oscar Nominations

ROUND MIDNIGHT

COLORADO

2588 E. Colorado Blvd. (818) 796-9704

7 Oscar Nominations Woody Allen's

HANNAH AND HER SISTERS

The Inside World

Blacker: This week is Yuppie Week. For Yuppies, every week is Yuppie Week. Yuppies try to concentrate on the qualities that distinguish them as Yuppies during Yuppie Week. One of these qualities is to talk about yourself and things that are important to you. So this week I'm going to talk about myself.

Fri., 2/27. My birthday. It seems like everyone's birthday is in February. We all go out to Edokko and pig out on sushi. We also go to the TACIT play. It was very good, but I got scared when Lisa LePome started taking off her clothes on stage. We go back and open my presents. A 10-cup coffee machine, a bag of Java Estate, Dr. Ruth's Guide to Good Sex, and the GQ 1987 Desk Diary. Tracey and Irene also baked a Happy Dick cake for me and Tim, and we played Zar till late late. Thank you,

Sat., 2/28. Tim's birthday, officially. February is over. I trolled. Tim slept. Later, Ed Zanelli comes by all dressed up and takes Irene away. I never saw them come back. I really respect Ed for the way he dresses. I wish I could dress like that.

Sun., 3/1. More trolling. Chris Hurwitz makes a fool of himself in Vatican. Tim and I debate on the effects of Blacker House's gradual takeover by Yuppies. Tim decides to form YEC (Yuppie Extermination Corps) and insults me by calling me a preppie. I make a note to put Tim on my hit list in my new GQ Desk Diary. Later that night me and other Yuppies meet in the Midnite Cafe and discuss the rising cost of coffee

Mon., 3/2. I'm not feeling well, probably because I drank too much coffee this past week. My sensitivity to light and noise amplified many times. I go to sleep early, but someone wakes me up. I try taking something to help me go to sleep but end up

falling on the floor and hallucinating.

Tues., 3/3. I feel much better. People in Vatican report hearing me talk in my sleep, like "No, no, come back." I recall dreaming about someone packing her suitcase and leaving, but I don't remember any faces. That evening two things happened: the Black Hand came and took away some bad frosh, and then Lloydies came and showered Moles. I don't know why. I decided to protect Chris Chu and asked them to do their showering in Cannes. Chris and I reminisced about family life. Mark put in another 3 hours of computer work. We now have 17 hours total for this pay period.

Wed., 3/4. Scott does his annual cleaning and burning right before lunch. I think Scott is a funny boy. People attack me as I sun myself on the courtyard couch and throw french fries at me. Tracey decides to ignore my attempts to serenade her. I decide to skip Ch 21 today because it is too nice to sit in class. I trip on my way over to

Dabney: Picture— the future, ca. 2010 A.D.

We drive up to the gate. A sign proclaims (in large, friendly letters):

Welcome to DabniFarms™ world headquarters!

And also (in slightly smaller and rather unfriendly letters):

Please have your identification ready.

And also (in letters that are even smaller still, but which return to the level of congeniality set by the first line):

"Everything's better when it's grown by a Darb"!"

And finally (in positively tiny, menacingly neutral letters lurking in the lower left

"We're DabniCorp"

The checkpoint looms ahead. Turbines whine as our driver brings our luxurious 2008 Comf-E-Ryder™ to a halt. The driver collects our Personal Registry-issue Universal IDs and our Temporary Restricted DabniCorp passes, lowers the window, and hands them to the machine waiting outside. There is a short pause as the Personal Information files in Geneva are accessed, another as the machine scans our faces, and then our plastic souls are handed back to us. As the steel barrier in front of us slides back, we catch a glimpse of an expressionless sentry shouldering a pulsed plasma rifle and one of the newest products of DabniGene's™ canine laboratories passing us without a glance. Our driver revs the turbines and we glide out of the checkpoint.

We proceed slowly down the well-maintained plascrete roadway, silently marvelling as the huge compound unfolds before us. We pass imposing irrigation stations, many complicated machines of obscure purpose, and, above all, green-wherever we

Up ahead, a building is fast approaching. It is built in the pseudo-modern style

that has almost become the trademark of dei Construction, Inc. As we pull up, a man

steps out.
"Hi," he says as we step out of the car. "Name's Russell May. But just call me Russ." We slowly look him over. His disaffecting manner barely even hints at the awesome power he commands as general manager of DabniFarms, Inc. He extends a hand in the age-old ritual of welcome, while taking a large bite out of the apple in the other hand. The apple is held casually, almost covering the carefully-engineered letters reading "dei". He is also wearing a rather ugly tie tack.

Hands are shaken all around as we introduce ourselves. Then, almost offhandedly, the questions start. "Just what do you grow at this site, Mr. Ma-ah, Russ?" "Okra," he replies.

"Okra?" one of us repeats.

"Yes, okra," he says, "It's a fine crop. This entire site is dedicated to okra."

"Hmmf," another of us says, "Too bad I don't like okra."
We stiffen in shock, mentally clawing the air as if to recall the damning words. May's eyes widen in revelation.

"You dirty pigs! You're from FEIF Industries, aren't you? Confess! Confess!!!"
We say nothing. His eyes narrow. "Very well," he says softly. "You've forced my hand. Jenkins—" A hulking block of a man appears.

"Play the Vogon poetry for these nice people." He purses his lips. "In the comfy

Fleming: Last Saturday was Wine and Candlelight and as usual master chef Mark Eggleston did an outstanding job. The rest of the crew was great too, especially Jim "Dish Pan Hands" Burleigh. Anyway, somebody did actually end up sitting next to Daniels, but it wasn't me. There were lots of drunk people, and, surprisingly enough, lots of people acting drunk. Sarapata thought he and Donna came together but she was only faking it. continued on page 5

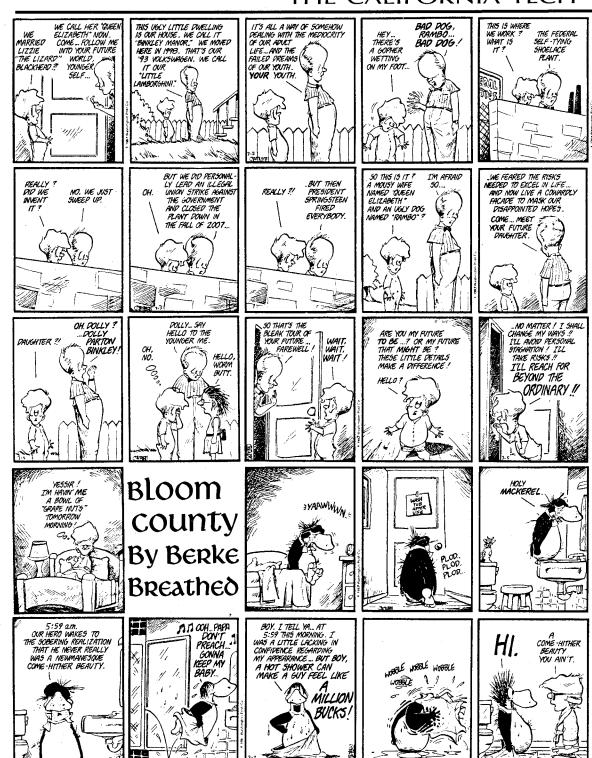
COMPUTER PROGRAMMER FULL OR PART TIME

Beverly Hills based management consulting firm seeks computer programmer with experience in either of the following languages:

> C, dBase, Basic, Pascal (preferably C)

We are willing to pay above average market hourly rates. Flexible hours. Incentive offered for early completion of project.

Please call Julian (213) 278-8000 to arrange for an appointment.



FREE DELIVERY



Happy Hour Beer on draft and wine ½ price Free refills on soft drinks

ITALIAN FEAST FOR TWO

Small Cheese Pizza 2 Dinner Salads 2 Spaghetti

\$6.99

CALL 792-5984 524 S. LAKE AVE. PASADENA Just north of California

ALL YOU CAN EAT SPAGHETTI AND GARLIC BREAD \$2.99

15% DISCOUNT WITH STUDENT ID

\$2.00 any 16" pizza

\$1.00 off any 12"

ONE COUPON PER PIZZA. COUPON EXPIRES 3-20-87 **FREE**

6-Pack Soda with minimum **\$8.00** order

> NOT VALID WITH ANY OTHER COUPON OFFER.

ONE COUPON PER PIZZA. COUPON EXPIRES 3-20-87 \$3.00

any 16" pizza minimum of 3 toppings

NOT VALID ON ANY SPECIALS OR WITH ANY OTHER COUPON OFFER.

ONE COUPON PER PIZZA. COUPON EXPIRES 3-20-87

More Inside World

On Sunday, the well-hung, God-awesome Fleming basketball team beat the lame limp-dick Lloydies in strong fashion to set up this week's softball showdown with the Spuds. Especially impressive was Brian Calder's around-the-back, through-the-legs, in-the-gym-shorts-and-out, double pump reverse slam, or maybe it was a layup, to

Volleyball is going as expected, with the Big Red Machine coasting to an inevitable first place finish.

This Saturday is another bob-bitchin' party with the Moles & Rudds. Jim sez, "I promise to get you drunk or laid." Don't drink, then wait in Jim's room (44) for some great action (must be over 13 years of age).

Watch your attitude, because the BOC is watching you.

-Boy Wonder

Lloyd: Ya know, in days of old when a Techer got finished with his homework and found himself with time on his hands he might go to a movie with his or her pals or seek the opposite sex at another college, or perhaps do something worthy enough to be printed years later in that fine novel, Legends of Caltech. But sadly, these days are behind us. Now ya know what he does? That's right, heads straight for the Geekbox room and punches up "Hack."

It is this epidemic problem which has prompted us to follow the example of the American Lung Association's "National Smokeout Week" with our own "National Geekout Week." We thus offer up this challenge to Techers everywhere: Just go from Sunday March 8 to Saturday March 14 without playing ONE SINGLE COMPUTER GAME. Come on, it won't be that hard. It's only a week. And as inspiration, Lloyd will serve as a "Model House" during the week.

To further promote National Geekout Week we also suggest you leave the calculator

watch in your room for this week, not ask ridiculous questions in class, not look like

an idiot by taping your pink slips to the door, and if anyone out there (God help you) still has thick glasses fixed with tape, Get Contacts!!

Well, you get the idea. Instead of wasting your life at Rogue, why not drop by the bar and try our fine Drink o' the Week, which this week is the AntiChrist. One part Vodka, one part Gin, and one part Creme de Cacao. Now isn't that more exciting than killing a Demon on level 423

Remember...if you can do without it for a week, you can do without it forever.

Ruddock: Stardom went straight to Betsy's head (and Betsy went straight to Mike's head), so she thinks that she's too good to write the Inside World now. However, she still finds time to go to the pantry three or four times a week. Anyway, if you missed her performance as a showgirl in the play, just wait for the movie. Speaking of movies, I understand that the movie of the week is *Purple Rain*.

The Lloydies had a fun Friday of sitting on toilets without seats. But the question is: How many Lloydies does it take to shower one Rudd girl? The world may never know, because they couldn't. They dickmunchingly retaliated with an all expense paid trip to the beach for Wayne, but why does it take three carloads of Lloydies to ocean one Rudd? The enraged mov retaliated by thrashing Lloyd House and supplying Fleming and Dabney with some new furniture. We tried three times to get the Lloydies to play, but they didn't want to, so we wasted them anyway. By the way, why were you running away, Haba?

I went to a Siamese cat show last weekend, and guess how many Rudds I saw. Shall I name names? But of course! Let's see, there was Chaji, Shu, Vic 'n Dave, George, Pink Lloyd, and Nik "the Quick, but not with the Dick." By the way, Joe, did you get your wineglasses back? I just wanted to make sure, since I heard that Nik hastily bailed to San Diego

Quote of the week: Charles Tsai says, "I don't want to say anything bad about Thu because she'll get all her little friends to beat me up." But Charles, we wouldn't say that Eddie's all that little, but then he'd be too "busy" to come beat you up. Speaking of Eddie, he's the lead singer for the new group P.W.D. with their smash single "Tied to the Whipping Post." Band members iclude guitarist Mikey "Can't Pull No Bitches" Warren and Eric "The Rod" Scharin, bassist and backup singer Ed "How Nice, Got My Balls in a Vice" Callaway, and on percussion, that mad Hawaiian John "Reach

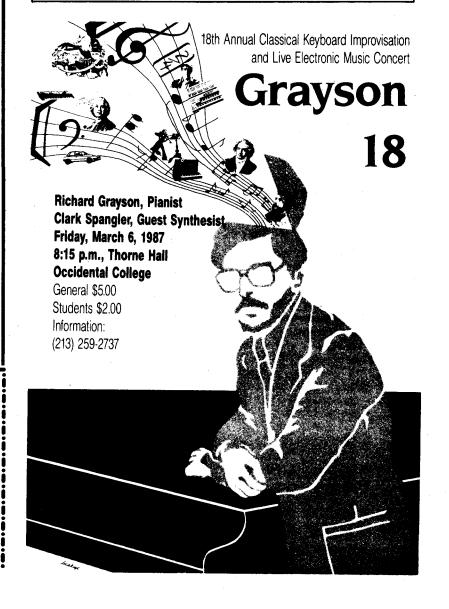
Out and Touch Someone but Get the Receiver Out of Your Pants" Kubodera.
On a more moderate level, congratulations to Ed Mao, the newest Rudd Ath Man. Upcoming events: Frosh Party with Blacker and Fleming Saturday at 8:09 in the courtyard. Things to watch for: Can Z keep his feet to himself on the dance floor? Will it be Wayne or Hungse with a date? Then it's softball with the Phlegms bright and early Sunday morning, and Interhouse volleyball on Monday, Tuesday, and Thursday. Also, look out for the soon-to-be-released swimsuit edition of the BFD.

Dabney Drink of the Week: Kool-Aid.

-Bets the Thespian (but of course)

Page: In the interest of public safety and for our own personal satisfaction, the A.B.F.L. (Anti-Butt _ king League) has formed a coalition with the Brotherhood of Whitenoses. As a result, the members of Lower Arlington are pleased to announce that not only is the alley a non-rear-entry zone, but is also now (metaphorically speaking) a 100% brown-nose-free zone, apparently the first on campus. The alley management wishes to extend its severe apologies to Laura H., R.A.C., Dahney, at least three-quarters of the BOC, Bill Cross and Kenny Horneman, Brain Damage (see what happens when you bu-ui), and any anyone eise who feels blatandly and purposely discriminated against. Particular condolences to Shubber Ali, who unfortunatedly seems to be a brown-nose by birth is file kiddies. This week's A.B.F.L. 'Chauvinist of the Week' award goes to Quantum for his continued harassment of Cheesedip. Keep up the good work, brother. The Big Dick (see Lloyd for details) is watching YOU.

Theme for the week: Don't take me seriously. I'm not worth it.



ENTERTAINMENT

Horror In Space Better Suited For Cinema Than Foolscap

by Nick Smith

by Richard Delap and Walt Lee Charter Paperback, \$3.95

As some of you may know, Caltech has turned out a few well-known science fiction writers (Larry Niven, L. Sprague deCamp, David Brin) as well as a fair number of lesser-known SF and fantasy writers. Some turned to writing immediately, others waited many years. Well, another long-lost Techer has popped up.

Walt Lee was an undergrad in the early 1950's, reportedly a Mole. Since that time he has worked in technical fields, but recently has turned his hand to writing. With co-author Richard Delap (previously known as a reviewer of SF material), Lee has turned out a gory piece of SF/horror called *Shapes*.

Shapes is not for the squeamish or susceptible. If it were made into a movie, it would be heavily Rrated for violence of an especially disgusting type. In fact, it reads as it if had been written to be made into a movie. Its very style is cinematic, complete with cuts and fades that work better in a genre where the viewer is given no time to ask questions. This does not work as well in a book, since the reader has time to sit back and say,

"Hey, wait a minute! That's not right!" when something fails the test of logic.

In any case, *Shapes* is about a very dangerous extraterrestrial entity that takes over and wrecks the spaceship that had captured it as a biological specimen. The ship is destroyed, leaving the creature hurtling through space. (Sound familiar so far? Don't worry, it's not *that* alien creature.) The creature, still in its specimen container, falls to a nearby cute little planet: Earth. Now.

The book then borrows from

another genre of horror entirely, in a sequence that I remember fondly as *Alien Meets Jaws*. At that point we learn that the alien entity follows quite literally the concept, "You are what you eat." It can become a duplicate of anything whose DNA it has consumed, and to a great extent learn from the living brain (if any) of what it is eating.

As the book goes on, we find out that the entity is not entirely a bad guy. He just wants to settle down, raise a family, and take over the world. By that time, of course, he is at his most dangerous, having access to the dominant characteristics of a Great White Shark and an American anthropologist. Of course, he does have a few weaknesses...ah, but that would be telling.

Actually, Shapes is pretty good for what it is, a horror novel aimed at people that expect schlock. It reads well (if you don't ask too many questions about the motivations of the human characters), and really would make a pretty good horror movie. By the end of the book, the alien entity is almost sympathetic. I mean, if it weren't for all of those casualties he'd caused, and his long-range plans...no, I won't give those away, either. Suffice it to say that the goals of the alien are not just to eat his way through mankind.

Shapes is worth reading if you like horror movies or especially paranoiac SF. (You know, the kind whose premise is "The bad news is—we are not alone in the universe.") If you're more into ALF and E.T., you won't like it.

Sensible Wisdom Makes Good Quotes

by Huy Cao Uncommon Sense: The World's Fullest Compendium of Wisdom Joseph Telushkin Shapolsky Publishers, 1987

If you think that what many people call "common sense" isn't so sensible, then you'll like Telushkin's *Uncommon Sense*. This collection of quotes is unlike most others in that most of its quotes are provocative and insightful, not boring.

The purpose of the book according to Telushkin is partly to challenge common sense cliches with what he believes is real wisdom. That's a big task to try to accomplish, but I think he succeeds. In addition to the lines that he quotes, Telushkin's own commentary binds the quotes together.

The quotations are divided into four pretty profound categories: "Between Man and Man," "Between Man and God," "Between Man and Himself," and "Between Man and the World."

Within each of those categories are further divisions. For example, within "Between Man and Man," we find such topics as romantic love, marriage and its discontents, men and women, truth and lies, evil, and insults.

On loving your enemies, Telushkin quotes Confucius: Someone asked Confucius, "What do you think of repaying evil with kindness?" Confucius replied, "Then what are you going to repay kindness with? Repay kindness with kindness but repay evil with justice."

The "ultimate issues" about humans are the main focus of the book. Dwight Morrow's observation, that "we judge ourselves by our motives and others by their actions," is absolutely true I think. Arthur Schopenhauer opines somewhat pessimistically that "the world is hell, and men are on the one hand the tormented souls and on the other the devils in it." Freud is frank about what he thinks of people: "I think . . . most men are trash."

One of Telushkin's basic beliefs is that man is responsible for what he does, good or bad. If he does something bad, he cannot blame God or institutions. The consequences of this belief binds the whole book, if there is any binding thesis in a book about everything.

On blaming institutions for things going wrong and thus denying responsibility, Charles Issawi comments, "If garbage piles in the streets, that is not because people behave like pigs, but because the sanitation department is inefficient. If marriages break up, that proves that marriage is a bad institution."

Some of the best insights are also the funniest. Woody Allen: "It seems the world was divided into good and bad people. The good ones slept better . . . while the bad ones seemed to enjoy the waking hours much more." Phyllis Diller gives practical advice: "Never go to bed mad. Stay up and fight." Francis Cardinal Spellman on old age: "There are three ages of man: youth, middle age, and 'you're looking terrific." Groucho Marx adds that "a man is only as old as the woman he feels."

Here's an alleged exchange between Lady Astor and Winston Churchill:

"If you were my husband I'd poison your tea."

"If you were my wife, I'd drink it."

Telushkin likes quotes that reveal irony. George Bernard Shaw departing from the Soviet Union in 1931 said, "Tomorrow I leave this country of hope and return to our Western countries of despair."

Western countries of despair."
In 1939 Gandhi said, "I am as certain as I am dictating these lines that the stoniest German heart will melt if only the Jews adopt active nonviolence. Human nature unfailingly responds to the advances of love. I do not despair of Hitler's responding to human suffering even though caused by him." In 1946 Gandhi said, "Hitler killed five million Jews. It is the greatest crime of our time. But the Jews should have offered themselves to the butcher's knife. They should have thrown themselves into the sea from cliffs . . . that would have been heroism."

There's a wonderful irony to this, by Hitler: "The great masses of the people will fall more easily victim to a big lie than to a small one."

It's apparent from reading the book that Telushkin has a very clear and uncommonly sensible picture of life. He says, "The philosophy of life and religion that I hold, and which determined the contents of this book, was in large measure worked out at 3AM with Dennis Prager." If only all of us could work out our philosophy of life at 3AM with Dennis Prager!

Some of the sayings are funny, some provocative, others insiring. But all are insightful, and that is why I strongly recommend *Uncommon Sense*.

CALTECH MOVIE CALENDAR

Day	Date	Time	Class	Movie	Location
Mon.	3-9	7:30рм	H 131	The Good Fight	Baxter Lecture Hall
Tue.	3-10	8-11:00ам	Lit 11	Macbeth (Orson Welles)	125 Baxter
Tue.	3-10	7:30pm	Hum 103	The Shining	125 Baxter
Thu.	3-12	9-11:00am	Psy 112	One Flew Over the Cucoo's Nest	25 Baxter

READ THIS AD! (PLEASE)

GNP SHOWCASE

HELLO AGAIN...

JUST IN CASE YOU WERE WONDERING, WE ARE STILL ALIVE AND WELL IN SUNNY(?) PASADENA. SINCE OUR LAST AD, LOT'S OF NEW THINGS HAVE ARRIVED. THERE ARE TWO NEW DIGITAL TV/MONITORS BY NEC AND MITSUBISHI AS WELL AS NEW VCR'S WHICH INCORPORATE A DIGITAL FILTER IN THE PLAYBACK SYSTEM TO GET RID OF ALMOST ALL VIDEO NOISE CAUSE BY SPIKES, RFI, OR JUST RANDOM GARBAGE USUALLY FOUND ON MOST RENTAL TAPES. THE NEC DX-1000 IS NOW ON SALE FOR ONLY \$429 TO THE CAL TECH COMMUNITY UNTIL THE END OF THE MONTH (WHICH IS SATURDAY FOR THOSE NOT KEEPING TRACK).

ALSO NEW ARE 4 NEW MODELS OF CD PLAYERS BY ASSORTED MANUFACTURERS. THE MOST IMPRESSIVE OF THESE ARE THE CALIFORNIA AUDIO LABS PLAYERS. IF YOU'RE UNFAMILIAR WITH THIS NAME, THEY ARE A REASONABLY NEW COMPANY WHICH HAS DEVELOPED THE FIRST ALL ANALOG TUBE PLAYERS. THE TEMPEST AND ARIA ARE THE ONLY 2 MODELS THEY HAVE AND AT A MEAGRE \$2095 AND \$1495 (W/REMOTE, NATURALLY) THESE RANK AS PROBABLY THE FINEST CD PLAYERS AVAILABLE AT ANY PRICE! IF HOWEVER THESE ARE JUST A TAD MORE THAN YOU HAD THOUGHT OF INVESTING, NAKAMICHI HAS JUST RELEASED A SOMEWHAT MORE REASONABLY PRICED UNIT. THE OMS-2A AT \$499 IS ONE OF THE BEST INEXPENSIVE MACHINES WE'VE ENCOUNTERED. WHAT ELSE WOULD YOU EXPECT FROM A COMPANY LIKE NAKAMICHI? AND LASTLY, DENON WILL BE RELEASING 3 NEW MODELS AT ASSORTED PRICE RANGES. NEWS ON THEM AS THEY ARRIVE! IF, BY THE WAY YOU HAVE THE IMPRESSION WE ONLY SELL OUTRAGEOUSLY PRICED EQUIPMENT -- NOT OUR CD PLAYERS START AT ONLY \$209 (CAL-TECH PRICE!). WE ARE CONSTANTLY BE ASKED ABOUT UIGITAL

AUDIO TAPE) AND AS TO THE PROGRESS AN FEASIBILITY OF THIS NEW AND EXCITING FORMAT. AT THE CONSUMER ELECTRONICS SHOW (CES) IN LAS VEGAS LAST MONTH, ONLY A FEW COMPANIES SHOWED PROTOTYPES AND NOBODY WAS MAKING ANY PROMISES AS TO REALISTIC ETA'S. THE ONE THING VERY CLEAR ABOUT DAT WAS THAT THERE WERE ONLY A HANDFUL OF PEOPLE THAT HAD EVEN THE REMOTEST CLUE AS TO WHAT IS REALLY GOING ON AND STILL, THAT WASN'T VERY MUCH. THE PLOT THICKENS. RECENTLY THERE HAS BEEN A RUMOR CIRCULATING THAT A CLASS ACTION SUIT WAS FILED AGAINST THE PROPONENTS OF DAT BY THE RECORD COMPANIES WHICH COULD DELAY THE ACTUAL ARRIVAL OF DAT BY 5 OR MORE YEARS! (SIGH)OH WELL! STAY TUNED

(SIGH)OH WELL! STAY TUNED...
OK, OK. NOW FOR THE STUFF THAT'S ON SPECIAL!
EVERYTHING IN THE STORE IS ON SALE THIS WEEK FOR AN
ADDITIONAL 5% OF YOUR ALREADY SPECIAL PRICING. SPEAKERS AND
SPECIFICALLY SALE-PRICED MERCHANDISE IS EXCLUDED FROM THE
ADDITIONAL 5% OFF, BUT THESE ARE USUALLY ALREADY CHEAPER
ANYWAY!

BY THE WAY, IF YOU HAVEN'T BEEN IN LATELY, OUR STORE DOES LOOK QUITE DIFFERENT. HOWEVER, BAREFEET (FOR THOSE SO INCLINED) IS STILL ALLOWED!!!

UNTIL NEXT WEEK...
(OR THE NEXT TIME I GET AROUND TO WRITING AN AD!)

GNP HOURS: M-F 11-7 S/S 11-5

Dodd Science Peps Up Swimmers

by R. Brown

As the swimmers filed into the tiny classroom, one question burned in their tiny minds: How could they defend their third-place conference standing against Oxy?

Although the Battlin' Beavers held a 9-3 season record and had already beaten Oxy once, they knew that Oxy's coach would stop at nothing to avoid the embarrassment of losing to Caltech again. Oxy's swimmers had a size advantage over Caltech, but Caltech had something better—science was on



RIVERBOAT REVUE COMES TO BECKMAN AUDITORIUM THIS WEEKEND

Mississippi Jambalaya, an all-singing, all-dancing, all-American revue comes to Beckman Auditorium Saturday night at 8 p.m. This intriguing show combines New Orleans jazz, Memphis Blues, St. Louis Ragtime and Dixieland jazz with Red Hot Mamas, Riverboat Gamblers and dancing floozies to capture the spirit and roots of Americana

CIT student prices to this show are \$10.00-8.75-7.50; CIT rush tickets go on sale the day of the show for \$6.00. CIT faculty and staff prices are \$18.00-15.50-13.00; TECHTIX for the same price as CIT student tickets go on sale today between noon and 4:30 p.m.

Steven Traugh and Supercussion return to Beckman Auditorium on Sunday with a concert at 2 p.m. This superb band lights up the stage with an exotic array of voices, brass, synthesizers and percussion woven into an Afro-Latin beat. Designed especially for children, this show opens Caltech Public Events' "Family Faire" series.

CIT student prices to this concert are \$4.00. CIT faculty and staff price is \$6.00; TECHTIX for the same price as CIT student tickets go on sale today between noon and 4:30 p.m.

Tonight don't miss "My Switzerland," an Armchair Adventures travel film personally narrated by Kenneth Richter. This presentation will be held in Beckman Auditorium beginning at 8 p.m. CIT students' price for this film is \$6.00. CIT faculty and staff prices are \$7.50-6.00.

The **Premiat Trio** will give a free Dabney Lounge Chamber Music Concert Sunday at 3:30 p.m. Included in their program will be the works of Beethoven, Loeillet and Ravel.

Next Wednesday Dr. Jeremy Mould, associate professor of Astronomy, will give a free Watson lecture entitled "Hubble's Constant: How Fast is the Universe Expanding?" The presentation will begin at 8 p.m. in Beckman Auditorium. Admission is free.

Next Friday, March 13, guitarist Liona Boyd will perform in Beckman Auditorium at 8 p.m. Included in her program will be selections from Satie, Fortin, Albeniz, Torres, Bustamante, Lara and Boyd.

CIT student prices to this show are \$8.75-7.50-6.25; CIT rush tickets go on sale the day of the show for \$6.00. CIT faculty and staff prices are \$15.50-13.00-10.50; TECHTIX for the same price as CIT student tickets go on sale Friday, March 13 between noon and 4:30 p.m.

For further information about the exciting Public Events scheduled for this season, call campus extension 4652.

their side. Better than that—**Dodd** science was on their side.

"Come on in here and put your thinking caps on," said Coach Dodd, sitting in front of a chalksmeared blackboard.

"Coach, I knew you taught specialized math, but are you really qualified to teach science," asked a nameless frosh.

"Well, now," answered Dodd, "since my methods in nearly every subject are so different from the norm, I am, in fact, the *only* qualified person to teach these methods. I can teach every discipline except English. They took away my credentials on that one because my new syntax was just too radical."

The tired senior in the back row asked, "What are you teaching today?"

"I thought I'd begin with the theory of Thermo-Fluid Mechanics," began Dodd. "The theory states that if Caltech can find enough warm bodies to fill all the swimming events, it can beat Oxy at the SCIAC championships. However, there is a thermal limit, and that is that all the warm bodies in the world won't help you beat Pomona or Claremont."

"Sounds great! Let's go do it..." Swimmers were halfway out the door.

Dodd stopped them. "There's only one problem," he said. "The Occidental swimmers have read my paper on this subject and will bring their own warm bodies. Which brings us to the newly-

realized corollary, The Differential Heat-Flow Inequality!"

"What's that?" This was obviously a person who was impressed by long, important-sounding names.

"Our warm bodies can swim faster than their warm bodies." Dodd was beaming. "In order to win we can't just complete, we must compete. Repeat after me:

Don't complete—compete.

Don't complete—compete.

Don't complete—compete..."
Picture a small room full of

Picture a small room full of soggy people becoming very excited by this chant.

"Enough," commanded Dodd. "That is my Christmas wisdom, my No-"L" message for you."

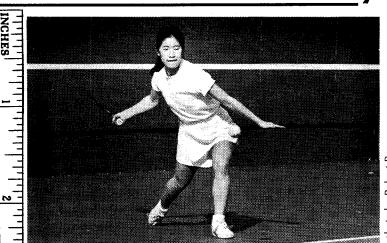
"Sir, that is a terrible pun, and it's out of season."

"True, but I never got it out of my system because this is the first and only swimming article of the year."

"Well, do you think we'll be able to do it? Will all this help us beat Oxy?" Everyone was on the edge of his seat for the answer.

"I already know that Caltech will crush Oxy, Redlands and Whittier by at least 60 points each for two reasons.

"One: this article was written after the meet, and two: I did the scoring at the meet. But the mists of time are thick and certain details are hard to make out. For instance, how did Randy™ reserve all eight lanes for himself for his race, and what is the meaning of the mysterious 'Very Large Array'?"



The Tricky Spin. Carol Choy warms up for her tennis match against La Verne's number one player. The Wednesday match was a close one for Caltech, but the result was La Verne 6, Caltech 3.

Tech Track's Tricks

by Bum Runner

The Caltech track team made a very good accounting of itself last Saturday at Pomona-Pitzer's New Blue Track, making some serious efforts and improving performances over the past two weeks.

In a meet that featured twelve teams of NCAA Division III caliber from the western region, there was plenty of top level competition to be found. Caltech's gung-ho athletes did not shrink from the challenge but instead welcomed it.

Randy Ralph cleared 6'2" in the high jump to claim fourth place. He was a hair away from cleanly making 6'4". Chris Schofeild won his heat of the 400m in 56.35s with Ted Rogers hot on his heels at 56.60s. Rogers later attempted the 400m intermediate hurdles but one

of the hurdles tackled him.

John Beck once again raced to two season's bests in the 1500m and 800m recording a 1500m time of 4:08.4s and 800m time of 2:00.51s.

Andrew Stevens took second in his heat of the 100m in 12.20 despite being hampered by muscle spasms in his back. Ray Hu established himself as an 800m runner at this meet as he first lowered his best steeplechase time to 10:59.40, then came back to run a personal record: 800m in 2:05.39s. That's a tough double!

Speaking of tough doubles, John Gehring ran 10,000 meters in 34:23.4s and also came back later to run the 800m in 2:07.04s. The 10K time is John's best time either on the road or on the track. The rubber is still burning!

Chandra Raman represented the team in the triple jump while Dave Gates rested his ailing ankle. Raman jumped 33'6½".

Eric Smith not only pole vaulted 12'6" to a personal record, but also ran a season's best of 62.93s in the 400m intermediate hurdles. He wanted to run that race so badly that he somehow managed to miss three times at 13' in the vault so he would have plenty of time to warm up for his event.

Garry Bloomberg used a strong finishing kick over the last eight hundred meters of the 5000m to record his fastest time ever. He clocked 17:09.7s. Darin Acosta also ran the 5K and finished in 17:23s after having earlier run 1500m in 4:29s.

Sean Hillyard ran his best ever 1500m with a Jim Ryun-type kick on the last lap, overtaking several runners in the process to clock 4:26.9s.

Meanwhile, the sprinters were blazing the track. Konstantin Othmer ran the 200m in 24.32s, while Tom Tetzlaff clocked 24.84s. Additionally, we unveiled two new sprinters in Will Evans and Randy Ralph who blazed respectable times of 25.06s and 25.34s.

Dee Morrison threw the discus 88'5½", the javelin 68'½", and the shot 27'1" for a truly Earthshattering triple.

The final event of the meet was the 1600m relay in which the Caltech team equalled its best time of the year in spite of missing an important cog in the wheel. Since Alex Athanasopoulos was hurting, we substituted Tom Tetzlaff to compliment Konstantin Othmer, Andrew Stevens, and John Beck. The result was a fourth place finish of 3:31.96.

This weekend is a home meet on our new Fox STANTON TRACK. We are hosting the teams from Whittier, La Verne, Chapman, UCSD, Christ College, and Masters College. All fans are welcome and this week only there is no admission fee. But get there early to reserve a seat in the bleachers. Field events start at 11AM, running events at 12:20PM. See you there!

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri.	3-6	3:00pm	Tennis (M)	Fort Lewis College	Caltech
Fri.	3-6	ALL DAY	Fencing	Men's NCAA West. Regional	Cal State Fullerton
Fri.	3-6	ALL DAY	Golf	S.C. Intercollegiate Tournament	Torrey Pines
Sat.	3-7	ALL DAY	Golf	S.C. Intercollegiate Tournament	Torrey Pines
Sat.	3-7	ALL DAY	Fencing	Men's NCAA West. Regional	Cal State Fullerton
Sat.	3-7	11:00am	Track	La Verne, Whittier, Masters, ChristCaltech	
Sat.	3-7	11:00am	Tennis (W)	Redlands	Caltech
Sat.	3-7	12 NOON	Baseball	Pac. Coast Baptist Bible College	Caltech (2)
Sat.	3-7	1:30pm	Tennis (M)	Christ College	Christ College
Sun.	3-8	ALL DAY	Fencing	Men's NCAA West. Regional	Cal State Fullerson
Sun.	3-8	3:00рм	Women's Soccer	TNT	Caltech
Mon.	3-9	1:00рм	Golf	Whittier	Occidental
Tue.	3-10	3:00рм	Baseball	La Verne JV	Caltech
Tue.	3-10	3:00рм	Tennis (M)	Redlands	Caltech
Wed.	3-11	1:00pm	Golf	Pomona-Pitzer	La Verne
Wed.	3-11	3:00pm	Tennis (W)	Christ College	Caltech
Wed.	3-11	9:45рм	Ice Hockey	U.S.C.	Pasadena Ice Center
Thu.	3-12	All Day	Swimming (W)	NCAA Div. 3 Nationals	Canton, Ohio
Fri.	3-13	All Day	Swimming (W)	NCAA Div. 3 Nationals	Canton, Ohio



Announcements for What Goes On must be submitted on an announcement form (available outside 107 Winnett) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 107-51, or put them in the mail slot in the door of 107 Winnett.

Announcements must be received by the Tuesday prior to publication.

Letter Jackets

An order will be put in for Caltech Letterman Jackets within the next few weeks. If you are interested in ordering a jacket, please contact Chris Schofield at 795-4760.

AT&T Awards

On Thursday, February 19th, the third AT&T Research and Development Awards of \$500 each were presented to three Caltech undergraduates. AT&T donated this money to recognize juniors in Electrical Engineering or Computer Science for academic excellence. The awards were presented over dinner at the Athenaeum by Mr. Alex Gillon of AT&T to: Jinane Abounadi, Ignacio McQuirk and Masahiro Sayano.

Dissent in the Church

On Saturday, March 14th at 8:00 pm in the Millikan Board Room, Dr. William E. May (Catholic University of America) will address the theme "Dissent in the Church". Conference sponsored by the Newman Center at Caltech. All members of the Caltech community are welcome.

GM Scholarships

General Motors is offering scholarships for 1987-88. Students who are currently sophomores, have a minimum 3.2 GPA, and are U.S. citizens or permanent residents are eligible to apply. The scholarship covers tuition, those fees directly related to course work, and an annual book allowance of \$200. Applications and further information are available in the Financial Aid Office, 12-63. Deadline is March 25

ACADEMY BARBER SHOP

27 No. Catalina, Pasadena Open Tues.-Sat., 8 A.M.-5 P.M. 449-1681

Don't be fooled by the name

> We use cher-broiled · chicken · pork * steak * seafood

Buy 1 Get 1 Free

with this ad

Validated parking

Union & Fair Oaks structure.

FRESH SALSA BAR

37 S. Fair Oaks (1/2 blk. from Colo.) 795-5370

CLASSIFIED

HELP WANTED-

DONORS NEEDED for off-campus sperm bank. Earn up to \$105 /wk. For info. call (213) 553-3270.

EXCELLENT INCOME for part time home assembly work. For info. call 504-641-8003 Ext. 8738.

HOUSING-

FEMALE PROF. looking for roommate to find and share a 2 bdrm. house, nice area near campus. Prefer female grad/faculty. USC graduate, clean. (818) 504-9502

SERVICES -

INSURANCE WAR! We'll beat anyone's prices or don't want your business. Sports cars, multiple tickets, good-driver discounts. Request "Caltech Plan." (818) 992-6966 or (213) 873-3303.

CALTECH BOOKSTORE-

POCKET TV, FITS IN YOUR HAND. Just right for office, beach, or lab. Receives all regular vhf & uhf channels. Battery operated. CALTECH BOOKSTORE.

RATES.....\$2.50 for first 25 words; ... 10¢ for each additional word. Send written ad with payment to 107-51. No charge for on-campus lost & found.

St. Patrick's Celebration

Come celebrate St. Patrick's Day with the Master's Office, Friday, March 13 at 5:15 pm. Enjoy pipers and drummers parading down the Olive Walk, followed by music and dancing. Eat, drink, dance, be

Attention Hungry People

The Red Door Cafe's staff is happy to announce that the Cafe will now be open on Saturdays from 12 to 5 pm to serve its traditional fresh coffee, teas, espresso, juices, and delicious baked goods and bulbous bagels. An expanded menu-designed according to the expressed desires of our Saturday visitors—will be available before third term begins. So come bring your appetites and ideas to the Red Door Cafe.

Attention Fishermen

Beginners fly casting lessons may be starting third term. This would be a beginners class open to all students, faculty and staff. A limited number of rods and reels will be available. Basic fly casting techniques will be stressed. Those of you interested, please contact Tom Perry on campus, x4705.

Soviet Ecology Tour An ecological tour of the Soviet Union will be conducted this August by invitation of the Soviet government and coordinated by Source Media. It appears that more consideration and latitude than conventional tourist groups can be anticipated; this should lead to free interchanges and perhaps the formation of lasting personal relationshiops with Soviet citizens and scientists. The group is prepared to accept up to 15 additional members with ecological interests, as long as they are in good health and condition to undertake the planned field trips. Probably because of the anticipated benefits of this information exchange mission, the unusually low price of \$2850 has been set by the Soviet Union in spite of the devalued dollar. For further information contact: Source Media, Box 1143, Canoga Park, CA 91304. Phone (818) 992-4526.

LDSSA Guest Speaker

The Caltech Latter - Day Saint Student Association (LDSSA) is sponsoring a guest speaker and open discussion on "The Logic of Mormonism" in the Winnett Lounge, ednesday March 11 at 7:30рм. All members of the Caltech Community welcome.

Sam Custom Jailor

49 NORTH ALTADENA DRIVE PASADENA (818) 793-2582

> **ALTERATIONS** RESTYLING **TAILORING**

INVISIBLE REWEAVING Special rates for Caltech/JPL community

M-Thur. 9-6 Fri. 9-5

Saturday 10-4

Boarders

WHAT GOES

The MIT hockey team will be coming out to SoCal during spring break to play Caltech and other college teams. If you can put up a player or two from Saturday, 21 March to Saturday, 28 March, please call Haj Sano at JPL ext. 40995 or 797-5995.

Fast Digits

The nimble fingers of Jessica Madow tickle the ivories in music by Bach, Beethoven, Chopin, Faure, Griffes and Liszt. The concert is Thursday, March 12 at 8:00 pm in Dabney Hall Lounge, and is open to the public, free of charge.

All-Mozart Concert

An all-Mozart concert featuring the Caltech Chamber Singers, student soloists from Music 101 and Canadian concert pianist Wendy Caldwell will be presented at 8 pm on Saturday, March 7 in Dabney Hall Lounge. The concert is free

Works to be performed include Missa Brevis, K 192; bass arias from The Magic Flute and The Marriage of Figaro, sung by junior Doug Roberts; the adagio from Violin Concerto #5, performed by senior John Simpson; the rondo finale of the Clarinet Concerto played by senior Nancy Drehwing; and the complete Piano Concerto #21, in A major, K 488. The program will be conducted by Dr. Donald Caldwell and will feature a full orchestra and organ.

The Chess Club Is Alive!

The chess Club will be starting at the beginning of third term. We will be sponsoring many activities, including a simultaneous exhibition, tournament, and regular playing session. So if you'd like to be involved in any of these activities, you can get further information by sending your name and mail code to Huy Cao at 1-54 or by calling 578-9294.

Fight, Meeting and Meal
The Caltech Medieval/Renaissance
Society will be holding a fighting practice
(medieval-style armored combat) outside Winnett Student Center this Sunday (March 8) at 1:00 pm. At 3:00 pm there will be the regular monthly meeting in Clubroom 1 of Winnett, along with a potluck dinner (bring food!) and a costuming workshop after the business meeting. For more information, call Amy at 794-2612.

Donald S. Goldstein, M.A., MFCT

Psychotherapy

Individual - Couple - Group Therapy Motivational Therapy **Break Procastination Habits**

Serving Los Angeles and San Gabriel Valley Area (818) 281-9286

State License M12643

PASADENA SCIENTIFIC

& TECHNICAL BOOKS

We Stock Scholarly & Professional Books in:

ENGINEERING - HANDBOOKS - SCIENCES - MATH AEROSPACE - COMPUTERS - BUSINESS - CODES NURSING - PSYCHOLOGY - ARCHITECTURE - DESIGN

— We Specialize in:

FAST DELIVERY • SPECIAL ORDERS

PHONE ORDERS

1388 E. WASHINGTON BL. - PASADENA

Missing

A small black cat with white fur under its neck and on its paws, (i.e., Oreo), has been missing since last weekend. It was last seen looking very confused near the Millikan pond. The cat recently underwent surgery and it is imperative that it be found so that it can be taken to the vet to have the stitches removed. If you see it wandering around campus, please bring it to me, Shubber Ali, in room 7 in Fleming. A reward of \$15 is being offered. Thank you.

More Holes In Your Head

Ear piercing is now available (for students only) at the Health Center. This service is offered on Monday, Tuesday, Thursday and Friday evenings by appointment only. To schedule an appointment please contact Linda Pinson, L.V.N., after 5:30 pm (except Wednesday) at x6393. The cost (including earrings) is \$5.

Become a Zoo Docent

Los Angeles Zoo Docents provide tours to students, teach youth and adult workshops in the zoo, and present classroom programs in Los Angeles area schools. Applications are now available for the Fall 1987 Provisional Class scheduled for Tuesdays 9:30-2:30 beginning October 6, or the Saturday class beginning October 10. Deadline for applications is May 1. Interested men and women should call the Greater Los Angeles Zoo Association at (213) 664-1100.

Gay/Lesbian Discussion Group

An ongoing discussion group on Gay/Lesbian topics is held every Tuesday evening from 7:30-9:45pm at the Archibald Young Health Center. All members of the Caltech community are welcome. Refreshments are provided. For further information please contact Bruce Kahl, x6393.

Women's Water Polo

Will there be a team this year? Contact me, Randy Brown, at 578-9562, Fleming Room 48, if you're interested. Leave a message with my personal secretary, Jim Burleigh, if I'm not in.

Rotary Foundation \$\$\$

Talented young people with an interest in international study are invited to apply for the Rotar International Scholarship. Forms are obtainable from the Career Development Center and the deadline is March 16, 1987. There are five different types of scholarships: Graduate, Undergraduate, Vocational, Teacher of the Handicapped, and Journalism.

PRIVATE INSTRUCTION

PIANO • ORGAN • GUITAR Popular & Classical

Kemp-Blair Music Studio since 1960

(818) 449-6196

1405 San Marino Avenue San Marino, California 91108

S.W.E. Scholarships

The Southern California sections of the Society of Women Engineers is sponsoring several \$1,000 scholarships for 1987-88. Applicants must have high academic ability, participate in technical organizations, and show leadership. Application material must be postmarked by 15 March 1987. More information is available from the Financial Aid Office, 12-63.

Kodak Scholarship

One Kodak scholarship will be awarded to a sophomore in Electrical Engineering. The scholarship will be made on the basis of academic and personal excellence, without regard to financial need. The amount of the annual scholarship will be 34 of tuition. Applications and additional information are available in the Financial Aid Office, 515 S. Wilson Ave. (12-63). Application deadline is March 27, 1987.

SSSSP Summer Jobs

Lee F. Browne, Director of Secondary School Relations, needs 12 teachers and 15 counselors for this year's SSSSP program. Counselors will be living in the student houses with the SSSSPers, and 3 people each are needed to help the high-schoolers with: Chemistry, Molecular Biology, Physics (with Calculus), and Physics (with Trig). Undergrads interested should call x6207 or go to the Secondary School Relations Of-fice at 515 S. Wilson and talk to Lee Browne or his secretary Virginia.

Leadership America

The International Leadership Center is seeking applicants for its summer-long leadership development program. Fifty outstanding men and women from campuses across the country will be selected to spend 10 weeks strengthening their leadership skills. The program takes place between June 12, 1987 and August 22, 1987. Leadership America includes one week

in North Carolina, one week in the Rocky Mountains and three weeks in Dallas, Texas. It also includes a four-week internship in business, government, or community service followed by a closing session in Washington, D.C.

Students incur few expenses in Leader-ship America since most costs are underwritten by corporate sponsors. In fact, participants receive a \$3,000 stipend which offsets any expenses as well as their loss of income during the summer.

To be eligible for selection to Leadership America, a student must be currently enrolled and have completed the junior year of studies by June 12, 1987. The primary criterion for selection is that the student have an "outstanding potential for leadership". Selection will be completed by May 1. For additional information, contact Jeanne Noda in the Deans' Office, 102 Parsons-Gates. Application Deadline is March 20.

Rag Time **RESALE CLOTHING**

for WOMEN M-Thurs. 10-5, F-Sat 10-3 (818) 796-9924 1136 E. Green St., Pasadena



PARIAN TRAVEL

Caltech Officially Approved Most courteous, economical and efficient service

for your official and personal travel needs. Free service to you.

For an introductory offer a complimentary \$50.00 worth of fine dining checks will be offered with the purchase of min. \$100.00 travel tickets (one per family).

(818) 577-8200

468 S. Sierra Madre Boulevard, Pasadena

CALTECH

PASADENA, CA 91125

1/3 OFF STUDENTS Shampoo, Style Cut MEN Reg. \$18.00 NOW \$12.00

WOMEN Reg. \$22.00

449-6967 1009 E. COLORADO • PASADENA

NOW \$15.00

The California Tech is published weekly except during examination and vacation periods by Associated Students of the California Institute of Technology, Inc.