2 VAXes Mate: Get 3 DGs

Students Switch to New Computers

When you try to log on to your student VAX account next week in order to start your Literature paper, you won't be able to because your account will have been moved to the Data General machines—all three of them.

Some time ago, Data General offered Caltech four of their MV-4000 machines for the price of one, and Caltech accepted. Three of them will be for the exclusive use of the students, and they will also be administered by the students, in the form of the Student Computing Policies Committee. Anyone can join by attending their Tuesday 5 o'clock meetings in 206 Booth. Two of the computers will be designated for "real work" such as programming and word processing, and the other will be for recreational purposes.

The new system will have both advantages and disadvantages. The Data machines will not have the vast amount of software and documentation that the VAX has, although the SCPC is trying its best. TROFF and NROFF are available, and they are working on the Versatec. The operating system resembles the VAX's, but it is a first release and has a fair amount of bugs in it. The advantage is that the students will have more computing power with three machines running. Each account will have a disk quota of 5000 blocks, as compared to 500 for the VAX student accounts.

To get acquainted with the

new computers, you should stop by Jorgensen. In order to use the Data General accounts, you will have to see a member of the SCPC in 154C Jorgensen. The schedules for ed Faculty Discussion regarstaffing the office will be available next week. The class accounts, such as that for CS114, will remain unchanged, but if anybody wants to retain a personal account on the my Analysis Program "at the VAX, he will probably have to pay for it.

for students who want to work the Data General machines—writing documentation and such. If you're interested, go talk to Professor Charles Ray in Booth. And remember next week, when the terminal prints SERVICE, it should be SERVICE 62,63, or

64 instead of 32.

Faculty Says No To Army

by Chris Meisl

Last Monday's well attendding the Arroyo Center concluded with an overwhelmingly supported resolution recommending the administration to "divest" Caltech from the Arearliest possible time.'

At the meeting, the ad-There is money available ministration gave a 40 minute presentation to supplement material background distributed to the voting faculty a few days earlier. After 11/2 hours of discussion, the faculty understood that Caltech is temporarily committed to the Center.

> A "Memorandum of Understanding" still needs to be negotiated between Caltech and the Army. It will include a provision for review and reconsideration of the Center by both parties after a preset time period, tentatively 3 years. Caltech will have the option to completely withdraw from the program "without prejudice," according to President Marvin L. Goldberger.

Dr. Lew Allen, head of JPL, has spoken to the Army since the Faculty Discussion, but there has not yet been a

"Much of the faculty concern centered around the fact that the Arroyo Center involved policy studies for which JPL

had little expertise and would. thus, involve hirings in areas not connected with the lab's mainstream activities," said Dr. Goldberger.

"The administration is acutely aware", continued Dr. Goldberger, of the "serious issues raised by the faculty and will implement safeguards to deal with them effectively.'

Students to **Discuss Arroyo**

by Chris Meisl

A student discussion meeting for the Arroyo Center has been scheduled for next Wednesday, Feb. 8, at 7:30

The administration has indicated that background material will be distributed to the students sometime before the meeting. This material is expected to include a chronology of the Arroyo Center development, as well as current plans concerning its future, especially in its affiliation with JPL and Caltech.

The administration and the faculty will probably be represented at the student discussion which is also being sponsored by the Caltech Y.

Futher background material and comments can be found in the letters section of this issue of the *Tech*.

Discord Brings Blues to Ruddock Elections

By Ken Whang

Ruddock House elections took a violent twist last Tuesday night when a traditionally fun election-time competition between the seniors and the underclassmen got out of

There were a few minor injuries, but the main damage to the house was psychological.

Each year, the Ruddock underclassmen attempt to shower the outgoing president, protected by the seniors, at the conclusion of the elections procedure. The seniors, outnumbered by the underclassmen, concentrate on protecting the president's escape route as they run elections.

Underclassmen are generally confined to the house lounge or dining room, and try during elections to escape the area and sabotage the seniors.

This year, about half way through the proceedings, the underclassmen conspired to surprise the seniors by getting up in unison and taking a

single, innocuous step toward the exit at a specified time.

Unfortunately, the word only got aroud to about half of those present, and as one half of the underclassmen took one step, the other half misinterpreted their intentions charged for the doors.

The situation was now out of control. Tensions between the classes had been rising all night, and as one student lit a torch, another pulled out a knife. There were no major injuries in the ensuing scuffle, but after the confusion was cleared up, many shocked house members left elections immediately.

The underclassmen made no attempt to shower the president after the final election results were announced.

Mark Lewis, Ruddock's newly elected president, plans to hold a house meeting next week to discuss how elections can be reformed to eliminate the possibility of any violence in the future.

He noted that as senior's strategies have shifted to "brute force instead of finesse," the spirit of competition has "drifted from its true inten-

Lewis added that in one respect, "it's a good thing that it happened...it brought it out in the open." Unnecessary competition between seniors and underclassmen always has the potential to go out of control, and "we have enough competition on ditch day."

Lewis would like to retain the nondestructive traditions in election, which include open nominations of fellow house members to creatively titled offices, and to introduce more good-natured features.

In accordance with his idea that, "elections should be more of a party atmosphere," he proposes that the "seniors should...serve underclassmen drinks" as they run elections, and generally emphasize interclass friendship rather than competition.

Mechanical Universe Gets Big Grant

Caltech will receive an additional \$2.85 million from The Annenberg/CPB Project to further develop a physics telecourse, "The Mechanical Universe." The 30-hour, twosemester telecourse will include 26 half-hour programs on classical mechanics previously funded by a \$1 million grant and 34 new half-hour programs covering electricity and magnetism, relativity, waves and optics, thermal physics, and modern physics. The previously funded half-hour programs cover such topics as the laws of motion and force.

Together the programs comprise a one-year introduction to college-level physics, according to David Goodstein, professor of physics at Caltech who is executive director and host of the new series. Special effects, including computeranimated equations that perform musical ballets, add glamour to the program.

Caltech's \$2.85 million grant is its share of \$5 million provided by the Annenberg/CPB Project for public education telecourses. Yale University, which received the remainder, will join Wellesley College and Boston public TV station WGBH to produce a two-semester telecourse on French language and culture.

Project director for "The Mechanical Universe" is Dr. Richard P. Olenick, on leave from the physics department at the University of Dallas, Executive producer is Sally V. Beaty, president of The Corporation for Community College Television.

Since the material on the screen is only part of a package, two textbooks are being specially written for students who enroll in the course. One is for engineering and science majors, and the other is for students in nontechnical disciplines. An instruction manual is being prepared for teachers who work with students enrolled in the course in community colleges, universities, and companies with continuing education programs.

Friday ASCIT Runoff Results

IHC Chairman Richard Murray **BOC Secretary** Stuart Ray Frosh Director-at-Large David Parkinson **Activities Chairman** John Rostykus

New BOC Reps-at-Large

Adam Greenblatt Yosufi Tyebkhan

Arroyo Center Discussion for **Students**

On February 8 at 7:30 pm in Baxter Lecture Hall there will be a presentation by President Golberger and Provost Vogt on the Arroyo Center. In the following discussion period there will be an opportunity for students to ask questions of the president and provost on the McCoy at x6236. issues raised.

Faculty-Student Conference

Notes

The Faculty-Student Conference is only three weeks away (February 25) and many of the committees are looking for more student input. If you are interested in getting involved in the conference, call Candi

letters

The Arroyo Center

GSC Clarifies their Position

To the Editor:

As Chairman of the Graduate Student Council I would like to thank Chris Meisl for informing the student community about the Army Analysis Program with his Tech article of January 27, 1984. Chris made a good effort to report the facts known about the AAP then, respon-However, his article states that "the GSC objected to a Caltech affiliation with a military organization conducting classified research." This is not the GSC's position. The actual January 12, 1984 GSC resolution mentions some objections raised by various graduate students, one of which was that "Caltech should not be developing a closer affiliation with a secret military institute and thus be lending it prestige and name to such a facility."

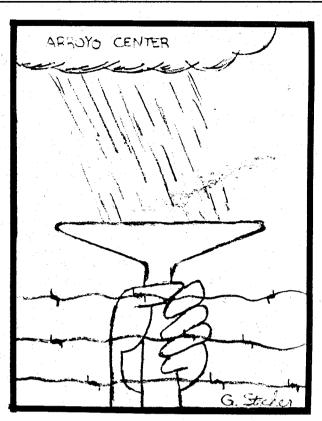
The official position of the GSC on this issue is that the student community should be informed about the AAP and

that it should be given a chance to participate in the discussions about its desirability. In fact, the resolution mentioned also states that "In as much as the very establishment of the 'Arroyo Center' as well as its organization is at issue, we the Graduate Student Council, on behalf of the graduate students, request that no commitment made by Caltech concerning this project pending full discussion by the Caltech community."

I am pleased to note that the administration has enthusiastically agreed to provide information to the students and hold a discussion on February 8, 1984, where any interested students can voice their opinions and ask questions. The GSC may, at a later day, survey the students so that it may be able to formulate its position, if this becomes necessary.

-Costas Synolakis Chairman,

Graduate Student Council



"THE TRUTH SHALL BE CLASSIFIED"

Remove the Cause of Disagreement

To the Editor:

According to the Constitution this country has an army which may be charged by the civilian government to do various tasks. The leaders of this army have asked JPL to help them to set up a center to study and advise on how best to carry out their functions, when and if they are called to do so. JPL was already doing technical work for the army but this was something different requiring new skills in planning, politics, management, etc. These being outside JPL's usual talent would require hiring new people with new skills. Thus it was to be a separate center under JPL, ultimately in new quarters (because the new people were not used to quarters engineers can work in).

For example a task the army may, constitutionally be asked to do is to control severe civilian disturbances. The army came to JPL explaining that they really did not know how to do this and one of the things the Center might do would be to think about how to train their soldiers, what weapons to allow, etc., so such catastrophes as Kent State could be avoided. Thus if they ever were called upon to be in this difficult position they could do it with the least harm and misunderstanding.

It is good that they are thinking about all these things, and good civilian advice might be of great value.

Nevertheless this particular request upset many people. And other requests for improving army efficiency are often misunderstood and considered odious to many people.

Whether this is sensible or irrational, the feelings are always strong and incite great argument. We at Caltech, faculty, JPL, students, alumni and townspeople, are mostly happy mutual friends, and such emotional discussion would destroy this valuable and unusual relationship.

Therefore, I think it is advisable, no matter how generally sensible and useful such a Center might or might not be, to terminate this Center as expeditiously as possible.

There are already all kinds of strain and rumors of misunderstanding among us. For example, some say "JPL wants to expand its defense work above the suggested 30% maximum (first it was to be 6%, then 30%, now what?)" Actually JPL wants space exploration work; the decrease in this forced them to look elsewhere. The new director has been trying to decrease this classified work; it was once nearly 30%; he has gotten it continued on page 3

Murph Should Resign

To the Editor:

During the course of the last one and one-half years, subsequent to the decision by the faculty to allow classified Department of Defense work at JPL (for the express purpose of avoiding the loss of JPL personnel), the administrations of Caltech and JPL have been building a program for the United States Army that, it is now apparent, is not consistent with the wishes of the faculty and students of Caltech, and which is contrary to the best interests of the Institute.

Caltech now finds itself in the extremely awkward position of having to choose between two very bad alternatives. Either we can proceed with the proposed Army Analysis Program (at least on a temporary basis) and compromise our reputation as an academic center dedicated to the free interchange of ideas, or we can refuse to proceed with the program and jeopardize our reputation for keeping our word with funding and sponsoring agencies. The fact that these are our only two alternatives indicates the depth of the quagmire into which we have been drawn. It is clear that no matter what decision is made, the potential of damage to the reputation of the Institute is great.

In my opinion, the two incontinued on page 7

THE CALIFORNIA TECH

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Questions for Caltech

To the Editor:

With a meeting for Caltech students about the Army Analysis Program/Arroyo Center coming up Wed. night at 7:30, I thought it important that your readers realise that the controversy has not been resolved by the (nonbinding anyway) votes at the faculty discussion Mon. night. Provost Vogt was quoted in the L.A. Times as saying "Caltech does not deliver on its commitments and Caltech does not welch," but "Caltech made no lifelong commitment to harbor a think tank." But how long would Caltech be involved? Might it take a few years before the Caltech umbilical cord were cut? Could it be then that if the Army still wants it, the Program will go ahead, more

people will be hired, etc, and only 3 years later would Caltech separate from it? In other words: development and eventual separation, but not termination? Since the work would concern Army matters and some of it and some of the reports would be classified, there are many questions that come up. I think many of the questions can be viewed from four perspectives (assuming development followed separation):

I. Caltech connections with the Center

II. The Center itself before separation

III. The Center after separa-

IV. Caltech after separation

I have made a list of some continued on page 7

The Caltech Y Fly-by

Friday...February 3

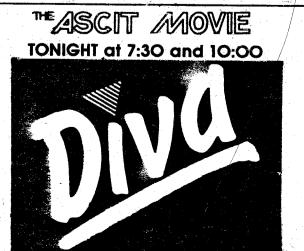
Noon Concert-Live-the one-the only-(and our very own) Caltech Jazz Band. Come on over to the Quad to hear this funky bunch.

Wednesday...February 8

Noon Update—'Fun with High Energy Ion Beams', Marcus Mendenhall, research fellow in physics. Feel free to bring a lunch to Winnett Clubroom 1. Arroyo Debate-This is the opportunity for the students to participate in this important discussion about the Army Analysis Program (Arroyo Center). President Goldberger and Provost Vogt will give a presentation and answer questions you might have. Baxter Lecture Hall, 7:30 pm.

Start getting psyched. A Y member will be knocking at your door. That's right. It's 'The Y is asking for financial support to help bring all those wonderful programs to you' time again. A donation of \$35 or more will get you one of those fantastic Y T-shirts absolutely free. Dont be Scrooge....Help us help you.

For more information please call the Y at 356-6163.



in Baxter Lecture Hall 50¢ ASCIT members \$1 all others

ARROYO: Why It's Unwise

from page 2

down now to 20%. Many at JPL feel the Center may be disruptive with its new hiring of elites with new fancier quarters, with different skills and backgrounds. Others say "The faculty is trying to tell JPL what not to do; would they want JPL to decide what courses they shouldn't teach?" From my view, at least, it is not the faculty's position to tell JPL what to do; but I do want to point out a danger the Army Center activity may pose in generating misunderstanding among the various parts of the and strife among us.

There have even been suggestions of nefarious scheming on the part of our president, uninformed or misinformed scientist/engineers at JPL! (about something that may or

may not be our business). I know Murph Goldberger, and that motive is absurd. He has frankly admitted to making errors in handling this. I love Murph Goldberger, as most people do, for his humanness. And his being human brings that concomitant possibility of erring. Only a great man can so forthrightly admit to error. Normal human error yes, but secret plotting never.

Enough! Remove the cause disagreement – the Center – as neatly as possible, and forget our recent mutual misunderstandings about it. We shall find it easy to reconstruct our unique close and happy family attitude community.

In particular, hail to the greatest engineers in the world, who let us make fantastic for example, in keeping faculty voyages to other worlds—the

-Richard P. Feynman

SEXISM: Two Views

To the Editor:

After reading the January 27, 1984 letter to the editor select group of high ability concerning sexism among the undergraduates. The Caltech undergraduates at Caltech, I felt compelled to let some of my own sentiments about Caltech life be known. I am currently on leave of absence from the Institute because I feel that the undergraduate ex-

perience at Caltech is neither mentally nor physically healthy.

As I see it, Caltech as a whole has some very serious problems when it comes to meeting the many needs of its tradition of very few guidelines seems to make any meaningful guidance non-existant. The student houses seem to lack any meaningful rites of initiation. Some professors seem very disturbed at any time away

from research spent on teaching the next generation of scientists and engineers.

Caltech attracts very select individuals—ones who seem to have an intense need to understand the world around them. Why does it seem that any meaningful relations with the faculty are not actively sought after by the incoming first year students? Does this mean that they don't need guidance from those who came before them? From my experience the first

continued on page 4

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Faculty, Grad Students, Attend! Mondays and Tuesdays are Beer Days. Half price on beer.

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SEXISM

from page 3

year student at Caltech is very impressionable and often misdirected by the narrowness and shortsightedness of the undergraduate social environment.

The Caltech undergraduate house system seems to cause far more unnecessary social stress than a person - female or male-should have to put up with in such an academically challenging place that Caltech is. The notion that the first year students are limited in their scope of the world and must be forced into acts of initiation can be very damaging in developing the individual into a well integrated part of society.

the female Pity Caltech—she is often treated as a second rate citizen and told how to act if she wants to be an accepted member of the house. I have seen few examples of women treated as equals on the Caltech campus. False insecurity on the part of the male population only serves to compound the situation.

In closing, I must say that I am very shocked by the level of insecurity among the Caltech undergraduate population. I have never seen so much insecurity among the Caltech undergraduate population. I have never seen so much insecurity since my junior high school days in unspoiled eastern Montana. Perhaps it is with unusual honesty and pride that I find it hard to believe that the individual is treated properly as an undergraduate at Caltech.

Sincerely yours, -Kelly D. Cherrey P.S. That's Kelly with a Mr.

To the Editor:

As both a proponent for equality (sexual or otherwise) in the Caltech community and beyond, and a member of Ricketts House, I read last week's letter ["Thinking About Women"] with great interest. Let me first say that I do not speak for Ricketts House, only as a concerned member of the Caltech community.

The Ricketts House Raunch Library (pornography collection) is indeed paid for by house dues. Personally, I wish it would go away, that my dues did not go towards it, and that I have nothing to do with it ever. However, it is not my right, nor anybody else's to legislate my morals on others, as long as nobody is hurt. The more general question of whether pornography should be legal at all is not the issue here. If enough of the House

wants it, then fine. I'm sure would keep me on campus there are many services of the house dues that I use and others don't to make up for this. Also, to be fair, the person in charge of the Raunch Library has been trying to provide material for both sexes, but the Treasurer doesn't want to spend any more money.

The Apache is really what caused me to write. It is indeed a major MAJOR event, undoubtedly the most important and costly social event all year, and has been for many years. Yes, there is some peer pressure to attend. As an unpopular male frosh, I received some, so I can only imagine what some of the women might experience. However, nothing happens to someone for not attending. I, for one, intended to last part of Apache, anyway. use the three day weekend to go home this year, until I discovered that two Math tests

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anyway.

Yes, Apache is crawlingly sexist. But it is not an effort to demean women for the pleasure of men. It embarrasses both sexes. For instance, the garter contest does involve a woman showing her legs, while someone of her choosing (either sex, but usually her boyfriend) rolls the garter up until she says to stop. But the people who measure how far up the garter went are the two male frosh who "most need to be educated," i.e., who would be most embarrassed. But no woman has to enter, and many don't. To quietly avoid entering, a woman may choose to not wear a garter, or leave before the contest, which is the And if a garter measurer is conveniently not present when the contest starts, a replacement is found. Nothing at all happens to women who don't enter the contest, or men who don't want to measure. On the whole, the pressure is not much more than that to be a fourth for bridge.

The contest is a relatively new addition to Apache, and adds nothing to the World War II France atmosphere, only the sexuality. Since it is easily avoided by those who are offended by it, it would be difficult justify removing it.

The invitations ask men and women to dress in accordance to the theme of the dance, World War II France. Both sexes are asked to dress into stereotypes, and I've seen tasteful women's outfits at Apache that fit the bill just fine, while showing less flesh than an ordinary skirt and blouse. It is for one night only, and everyone knows everyone else is playing a role for the fun of it. Dressing up is one of the more harmless fun things about Apache. It does not at all need to be changed.

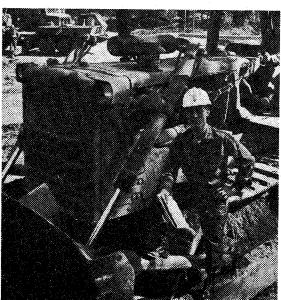
The ladder is "held" by one male frosh, and he does have a flashlight, which does allow him to take certain liberties. continued on page 5

HIS FIRST YEAR OUT OF COLLEGE, FRANK QUACKENBUSH RENOVATED THREE BUILDINGS, WORKED ON A DAM, PAVED A ROAD, AND BUILT TWO CHOPPER PADS.

"Most of the engineers I graduated with probably wound up as an assistant engineer to somebody else. Maybe doing the details for somebody else's design or supervising some small aspect of construction.

"But my first year as an Engineer Lt., I've designed many of my own projects and supervised the construction on everything from baseball dugouts to concrete work on a dam. Earthmoving, grading, filling, paving, concrete work, masonry -you name it, I've supervised it.

"Whether I stay in the Army or go into civilian construction work later, I've got experience that some engineers won't have when they're 30!"



2nd Lt. Frank Quackenbush majored in civil engineering at the University of Arizona and was a member of Army ROTC.

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from page 4

The official reason for the ladder holder is that the top of the ladder is pitch black and leads onto a ledge, and then a 2-foot drop beyond the ledge. In the dark, you cannot tell that it is a 2-foot drop, only that you can't reach it from the ledge with your feet. A light helps. Originally, the ladder wasn't attached the way it is now, and the ladder needed to be held. I don't know if the full consequences of the office were considered when it was created, but it did kill two birds with one stone to equip the ladder holder with a flashlight. Now, the ladder holder only serves the purpose to hold the light. This is the official purpose, but unfortunately the other use of the flashlight is more entertaining to tell impressionable frosh, so much more that until last week's letter appeared, and I asked for facts, I was under the impression that the only purpose of the ladder holder was to give some "deserving" frosh his kicks. This is the sort of story that can propagate, which causes problems. You might not be embarrassed going up a ladder believing the light is there only for your benefit, even if it isn't, but you might avoid the ladder thinking it is only a cheap thrill for the holder, even if he really will only use the light to help you.

Whatever the "official" purpose of the holder is, the practice is demeaning to women, has no real value in creating the mood of World War II France, and should be discontinued. After reading last week's letter, I brought up these points to the President and Vice-President of Ricketts, and changes concerning the ladder are being considered (replacing the flashlight with a lantern someplace, etc.). If there is enough concern over these matters in the house, the practice may be changed, though this is by no means certain to happen. I will be very disappointed, but not overly surprised, if something is not done about this.

Ricketts, on the whole, has good atmosphere, with about as much equality between the sexes as the Ratio will allow. I hope that now that we have seen this blemish, it will be

However, I must add that the frosh women are definitely warned about this, and since it is an invitation-only event, any outsiders must have been invited by someone who knew, and anyone who invites a female friend without telling her about the ladder is a fink.

I would like to mention other things that are more sexist, and, unlike Apache, have no purpose other than to "protect" women, i.e., blatantly discriminate against them. In Fleming House, women are not showered. Over the years, a few have been showered, but these are few and far between. Last year in Ph1, among those wearing "Faggot" shirts was at least one woman I know who wasn't bothered at all by Fleming afterwards, even though she could probably defend herself better than quite a few of the men who received a dip in Millikan pond. In Page House, if a woman commits a floatable offense, the man sitting next to her gets the water, because it is clearly his fault.

These out-and-out disciminatory attitudes that are present every day are far more offensive to me than the one night of stupid titillations at Apache. This is not to say that everyone in Ricketts is "sexblind," and that women here do not feel extra pressure or receive extra attention. But if any house practices should be singled out for discriminatory nature, Ricketts is not the place to start.

The author asks us to pornography and boycott Apache. In Ricketts, at least, one can no more boycott Playboy than Newsweek. As far as Apache is concerned, first off, it is February 18 (not 19) 8:30 pm to 12:30 am, in case anybody wants to picket something. Please remember, too, that changes are being considered; keep in touch with a Scurve to find out what the outcome is. Anyone wanting to see Apache firsthand should get an invitation from someone in Ricketts.

To the author of the letter: You have already accomplished your goal. You made me reexamine the practices of one house in particular in greater detail, and push for change where possible. Maybe others will be so inspired. I hope so. As long as we have the Ratio, there will probably unavoidable problems, but maybe they can be reduced.

I proudly sign this letter, not caring what anyone says about me or does to me because I have spoken out against a thirty-some-odd year tradition in my house. If someone does not want to talk to me after reading this, fine; then that is someone I no longer care to talk to either.

> -Art Duval Ricketts House, Rm. 6

Blacker: Our destiny is clear. We are ready. The lawyers laughed out loud when we brought our case to them. Since satisfaction cannot be given us through the law, we will have to create our own law. The entire legion of the Aird House members stands before me, prepared to lay down every one of its lives to protect our honor and rescue the virgin Naomi, mother of heaven. Our destiny is clear. We are ready.

meanwhile Nyaa nyaa! You stupid humans couldn't rescue a paper bag! PHLLLLLLLLT!!!

The Aird House members stood tense with grim determination. Suddenly, a bolt of fire emerged from a rift in the skies, the earth opened up an apocalyptic chasm, the air churned with eddies powerful enough to fell buildings, and many nasty, catastrophic things happened.

Aaaah! (screams, sounds of chaos) Help! (sounds of wall crumbling crushing dozens of bodies) Aaaaaaaah! (More sounds of chaos) Naomi, gasp, you were always the one, choke. I have failed, Naomi. Forgive me. Naomi...Naomi...Nao...

The same thing happened to the gophers.

AAAAAAAAH!!!

The sounds of chaos die, as do every Aird House member and gopher. Yet, among the rubble, the wreckage of carnage, a lone figure wanders and wonders.

Where is everybody?

- Sigmund B. Fernmeister The Head Gopher God Sigmund B. Fernmeister God The Head Gopher God Naomi

Dabney: Inside Dabney? I'll tell you: Wet. Very wet. Also fairly bloody.

Nothing else really matters. Nothing happened. Of course, stupid; nothing happened continually all week. Nothing. What kind of wild-eyed, spittle-soaked, half-naked, suspense-crazed thrillsdemon are you anyway? Shut up and go away. Nothing is already too much trouble.

Look. Take a hypothetical, okay? Nothing complex. You walk up to Everett "Crisp Bills" Howe in crackerbox 28 and knock politely. When "Bills" responds, you thump thump bury him slpat! under about sixty bulging socks of

This approach may fail to secure social membership. Moreover, this approach will likely insult or even injure Mr. Howe, who, as house treasurer, wields the full power of the general differential equation in the cuticle of his right pinky. Caution: If you invite this power in response to insult, you will die. Nothing can't help you.

Proper techniques involve small, light checks for \$10 made to Dabney Universal Cosmos placed gently upon the

desk of Mr. Howe. In friendly exchange, "Crisp Bills" may even give refunds for overpayment earlier in the year. Really, with correct conduct, the possibilities are quite attractive.

But \$10 won't do you any good unless we like you. Alot. Even in academic Elysium what the other guys think of you matter. Presumably.

More fun than the Venetian Blinds of Death.

Whee, nothing.

Tom Tucker

Fleming: No entry.

Page: Last weekend was a blast with the three-house party. Thanks to Ruddock for the snazzy decorations and Fleming for is bar.

Page Elections are tonight!!!

Llovd: No entry.

Ricketts: The faculty cocktail party last Friday was a major success with almost as many faculty as Scurves present enjoying not having to work on a Friday afternoon. After a false start the sophomores finally finished their eight straight brakedrum ringing in order to join the other immortals of the famed Ricketts brakedrum if you don't know, ask a Scurve). Strange and wonderful things happened in the lounge on Wednesday night (if you don't know, don't ask). TWBM coming up on Sunday, son't forget to remind Bink Banks.

-Bob Bolender ask). TWBM coming up on Sunday, son't forget to remind Bink Banks. Ruddock: No entry.

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ON CAMPUS INTERVIEWS February 9

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Weekly Sports Calendar

9	Sat.	2-4	10:00 am	Swimming	Caltech	Occidental (M/W)
	Sat.	2-4	11:00 am	Women's Tennis	Occidental	Caltech
	Sat.	2-4	12 noon	Baseball	Pomona-Pitzer	Pom-Pitz (2)
	Sat.	2-4	1:00 pm	Fencing	UCSD & CS Northridge	Caltech
	Sat.	2-4	2:00 pm	Men's Tennis	JPL (Scrimmage)	Caltech
	Sat.	2-4	6:00 pm	Basketball (JV)	La Verne	Caltech
	Sat.	2-4	8:00 pm	Basketball (Varsity)	La Verne	Caltech
	Sun.	2-5	3:00 pm	Women's Soccer	Shakers	La Salle
	Mon.	2-6	1:00 pm	Golf	Occidental	CIT—Annandale
	Tue.	2-7	3:00 pm	Baseball	Pacific Christian	Caltech
	Tue.	2-7	3:00 pm	Men's Tennis	Christ College	Caltech
	Wed.	2-8	3:00 pm	Women's Tennis	Pomona-Pitzer	Pomona-Pitzer
	Wed.	2-8	4:00 pm	Wrestling	Whittier	Caltech
	Wed.	2-8	6:00 pm	Basketball (JV)	Occidental	Caltech
	Wed.	2-8	8:00 pm	Basketball (Varsity)	Occidental	Caltech
	Wed.	2-8	11:30 pm	Hockey Club	Harbor 52	Caltech
	Thu.	2-9	1:00 pm	Golf	Redlands	Redlands C.C.
	Fri.	2-10	12 noon	Swimming	Diving Invitational	Claremont (M/W)
	Sat.	2-11	10:00 am	Swimming	Pemona-Pitzer	Pomona (M/W)
	Sat.	2-11	10:00 am	Wrestling	SCIAC Tournament	Caltech
	Sat.	2-11	10:30 am	Women's Tennis	Whittier	Whittier
	Sat.	2-11	12 noon	Baseball	Pac. Coast Bap. Bible	Caltech (2)
	Sat.	2-11	1:30 pm	Men's Tennis	Azusa Pacific	Caltech
	Sat.	2-11	6:00 pm	Basketball (JV)	Whittier	Whittier
	Sat.	2-11	8:00 pm	Basketball (Varsity)	Whittier	Whittier
	Sun.	2-12	1:00 pm	Women's Soccer	De Feet	La Salle

Fencers Meet at Tech

by Perry Ripost

Last Saturday at home the Caltech fencing team had a dual meet with Cal State Fullerton (CSF) and U.C. Santa Barbara (UCSB). This meet was the first time in its season that the fencing team held the meet at Caltech.

The women's foil team faced a tough match with CSF and lost 12-4. The only scorer was Barbara Turpin, who moves like a dancing frog when she fences. She skillfully used her timing and was able to break her opponents' rhythm of attacks.

Phyllis Li and Kathy Sheedy came very close to winning a few bouts. They did good disengages and riposts and were able to score touches. Daniela Bonafede and Karla Peterson also performed well by doing good parries and simple attacks.

Against UCSB they won 9-7. Turpin, using the same tactic as she had with CSF, again won all four bouts. Sheedy and Peterson won two each. Bonafede won one with spirit.

The men's foil team lost 8-1 to CSF and 7-2 to UCSB. Scott Grossman was the only scorer for both matches. He had good form and good wrist actions. Kurt Anderson executed nice lunges and used point control. Craig Keller, who is a new foilist, did nice parries and feints. He was composed and was using proper fencing techniques.

The men's epee team lost 8-1 to CSF and also 8-1 to UCSB. James Bell won the point in both matches. At the beginning of both matches, Bell fenced aggressively and controlled the beating of his blade.

Charles Todd and Mark Purtill, who are new epeeists, did well by almost beating a few of their opponents and losing to them by one touch. Both were keeping a good distance continued on page 7

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Questions

from page 2

of the questions I think should be addressed at the meeting:

- What national needs does the Caltech Administration want the Center for?
- What role will Caltech students play in the Center? Will there be Center-students who aren't Caltech students?
- Will Center-employees be coming into the campus? If so, will they be allowed to bring classified documents from the Center into the Campus? If so, what security precautions will be needed on campus? Would foreign students suffer discrimination?
- · What is the policy of the Administration as to which kinds of research could be permitted at the Center?
- Does the Administration have the necessary security clearances to effectively review all the projects that may come up at the Center?
- · If the Administration were to change, or the Center were to become independent, could even this kind of control over the character of the research be
- · What will be done in the future to allow students to learn about the projects going on at the Arroyo Center, and to voice their opinions as to which options should be taken?
- Why does the Army want the Center as part of JPL, and not somewhere else?
- What commitments are there presently, and which are planned by Caltech concerning the Center?
- Is Caltech losing its ability to choose because of military money, which the Arroyo Center will contribute?
- If Caltech wanted decrease the size of the Center to 0 monotonically, how could it do this?
- Does Caltech escape moral responsibility for the Center by nursing it till it becomes a "first-class think tank," and then disowning it?

-Michael Lewy

Tech **Fencers**

from page 6

away from their opponents and making small disengages.

The men's saber team lost 5-4 to CSF. CSF automatically lost three points in the match because one of their saber fencers could not participate. Chien-Wei Han won one bout by parrying and taking the initiative. Lee Sunderlin made nice parries and cuts. Scott Lewicki, a new saber fencer, did surprisingly well by losing two bouts by only one touch each. He took the initiative and did nice parries and cuts. Against UCSB, they beat their opponents 5-4. Han won three, Sunderlin won one, and Lewicki also won one.

This Saturday, February 4th, fencing will again be held at Caltech. This time the fencing team will be hosting Cal State Northridge and U.C. San Diego. The meet starts at 1:00 pm and will be the last of the fencing season. All are welcome to attend and support he team.

eletters

Terminate the Arroyo Center

from page 2

getting the Institute into this predicament, Caltech President Dr. Marvin Goldberger and JPL Director Dr. Lew Allen (Gen. U.S. Air Force ret.) should accept full responsibility for committing the Institute to a program not in the best interests of Caltech, and then submit their resignations to the Board of Trustees. The Institute should then immediately terminate the Arroyo Center and re-examine its decision to allow classified research at JPL. This would bring an immediate end to the predicament and controversy, and show all

dividuals most responsible for interested that only under the most extraordinary circumstances will Caltech renege on a verbal commitment. The cost to the Institute would be high (the loss of two top administrators), but small compared to the loss of reputation that I believe would befall the Institute if we simply pursued the proposed Army Analysis Program.

If the newspaper reports are to be believed, it is the intent of the administration to make a written commitment to the Army and then proceed with the program for several years even in the face of broadly

based opposition in the Caltech community. In my judgment this would be a serious error for several reasons. First, it involves Caltech in research that is not suitable for an academic environment. Second, it compromises Caltech's reputation for independence and open communication. Third, it makes Caltech a potential target for community and student protests and demonstrations. Fourth, it is of no apparent benefit to the current members of the Caltech community. Fifth, like any bureaucratic program, it may be much more difficult to stop once it has gotten started and develops a constituency in the Institute. Sixth, it will divide the Caltech community internally until the program is finally terminated. The controversy

will last as long as the program. And seventh, the work done in the program cannot possibly enhance the academic reputation of Caltech, but could, because of content or quality, tarnish that reputation.

In my opinion, no written commitment should be made to this program until the entire Caltech community can give it full consideration. It affects all of us in one way or another.

I believe that the only way to solve the dilemma facing Caltech is to terminate the program immediately and have those responsible take the blame and consequences for their poor judgment.

-Andrew Dowsett Alumnus (B.S. 1974) Research Associate, Department of Chemistry. Resident Associate, Dabney House.

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Returning from a European tour, pianist Raymond Berney will appear in Beckman sent "Sunsplash '84," featuring Auditorium on Saturday, Feb. 4 at 8 pm.

Known for his Viennese approach to the Romantic era repertoire, Berney's program includes Beethoven's Sonata in F Major, Op. 54; Granados' Three Pieces from "Goyescas"; Rorem's Eight Etudes (1976); and Chopin's Ballade in E-flat and Scherzo in B minor.

Admission to this concert is free and no tickets are required. For further information, call 356-4652.

Tickets are priced at \$11-10-9; students receive a \$1 per ticket discount.

 \mathbf{IF}

Reggae Party

The Master, the Deans ASCIT, and your friends pre drinks, ships, lots of casua fun, and the magic Regga beat at 9 pm tomorrow night at the 150 S. Chester pool.

Model UN

will meet on Wednesday, February 8 at 11 pm in the Ruddock lounge. All present members must attend. If you cannot be at the meeting, call Aaron Roodman at 449-0712.

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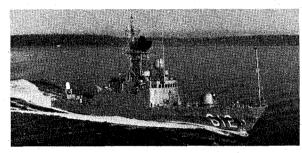
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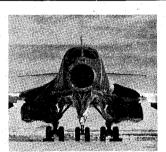
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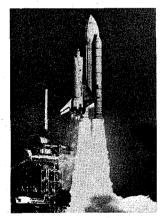
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