

ATTENTION FRESHMEN
Tired of Upperclassmen asking you which houses you've visited? Come to the Y mixer, Sunday 2:00-5:00. Call the Y at x6163 for more info. Appropriate dress required.
BOC Announcement on page sux.

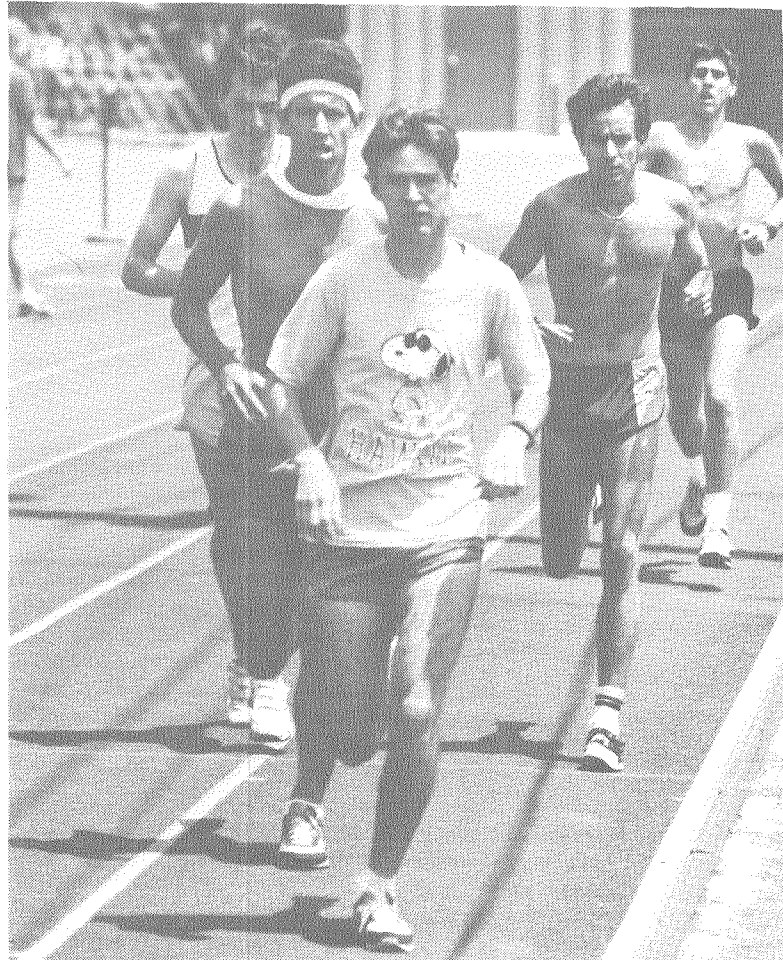
THE CALIFORNIA TECH

ROTATION VIOLATION ISSUE

Volume XCI, Number 2

Pasadena, California

September 29, 1989



Chris Campo and Dan Flees tear up a repeat during a track workout, in preparation for the big seven team Cross-Country invitational at the Lower Arroyo Park.

Tech Defeats Arch-Rival Whittier

by Chris Campo

The Caltech cross country team opened its 1989 conference schedule with a triple dual meet at Legg Lake against Whittier, LaVerne, and Claremont-Mudd-Scripps. The meet was somewhat of a trial for the freshmen, who had to come straight to the meet just after getting off the boat from frosh camp. The men managed to beat LaVerne and Whittier, while the women beat LaVerne. Claremont's men and women won easily.

The Men

For the men, the job was to defeat Whittier College. Although the team defeated Whittier the week before under the invitational scoring system, scoring the previous week's meet as a dual meet yielded a 26-29 victory for Whittier, so the men needed a strong improvement to beat Whittier. Claremont was out of reach, and

LaVerne was no competition for Tech.

The meet turned out to be an intense duel between the Beavers and Whittier, with Tech coming out on top 26-31. "Halfway through the meet we were losing the meet by four points," commented Coach O'Brien. "Some critical moves by our runners are what turned it around from a loss to a win." In addition, Tech thrashed LaVerne 15-50, while Claremont handed a similar 15-48 defeat to Tech.

Speedy sophomore Dan Flees rocketed over the flat five mile course to finish 6th in a field of 50 with an impressive time of 27:10. Scott Kister, one of the critical move makers in the race, motored to a time of 27:33 at 11th place. At 13th place with a time of 28:04 was Chris Campo.

Campo realized the battle was on between Whittier and Tech when he got into an elbow duel with two of the Whittier runners

one mile into the race. The two were heard to say, "We'll take out Campo now and worry about Flees later."

Next for Tech was freshman John Freeman, finishing in 28:29 in 17th. Behind Freeman, in 20th place, was Dan Lipofsky in 28:37. Next for Tech was Mark Lyttle, in 22nd in 29:15. Paul Socolow and Jonah Michaud worked together to finish ahead of a Whittier runner, placing 26th and 27th, with times of 29:44 and 29:48.

Kurt Storm cruised to 31:03 in 31st place. Also finishing for Tech were Mike Mahon, John Pham, Greg Dudey, Jason MacLeod, Mike Ida, Todd Walker, Rick Oliver, Steve McLaughlin, Kade Larsen, Truxton Fulton, Matt Fetterman, Allen Monty, and Johnny Ng.

The Women

For the Tech women, the goal

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WEEKLY SPORTS RESULTS

Day	Date	Sport	Opponent	Results
Mon.	9-18	Soccer	Pomona-Pitzer	0-6
Tue.	9-19	Water Polo	Pasadena City College	6-10
Wed.	9-20	Soccer	Whittier	0-3
Sat.	9-23	Cross Country	Claremont, La Verne & Whittier	vs. CMS, M 48-15, W 50-15; vs. LaVerne, M 15-50, W 23-38; vs. Whittier, M 26-31, W49-15
Sun.	9-24	Water Polo	Alumni	4-10
Sun.	9-24	Soccer	Claremont-Mudd	0-7
Tue.	9-26	Water Polo	Pasadena City College	7-13
Wed.	9-27	Soccer	La Verne	1-4

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Sat.	9-30	9:30 am	Cross Country	Invitational	Caltech
Sat.	9-30	10:00 am	Soccer	Redlands	Redlands
Sat.	9-30	1:30 pm	Football	S.F. Valley Freelancers	Caltech
Sat.	9-30	2:00 pm	Volleyball (W)	Occidental	Caltech
Sat.	9-30	2:00 pm	Water Polo	Chapman	Chapman
Wed.	10-4	3:00 pm	Soccer	Loma Linda University	Caltech
Wed.	10-4	4:00 pm	Water Polo	Cal State San Bernardino	Caltech
Wed.	10-4	7:30 pm	Volleyball (W)	Cal State San Bernardino JV	Caltech
Wed.	10-4	7:30 pm	Wrestling	El Camino College	El Camino College
Sat.	10-7	9:30 am	Cross Country	Whittier & Pomona-Pitzer	Redlands
Sat.	10-7	10:00 am	Soccer	Occidental	Caltech
Sat.	10-7	1:30 pm	Football	Australian National Team	Caltech
Sat.	10-7	2:00 pm	Volleyball (W)	Pacific Christian	Caltech
Sat.	10-7	All Day	Wrestling	Cuesta College Tournament	Cuesta College
Sat.	10-7	All Day	Water Polo	Caltech Classic	Caltech
Sun.	10-8	All Day	Water Polo	Caltech Classic	Caltech

- 9-9 A grad student broke his right ankle sliding into home base during a softball game.
- 9-9 A 1980 Oldsmobile car was stolen from Hill St, north of California.
- 9-10 Both bike wheels were stolen off a bike at Booth Lab.
- 9-12 A man was observed in a female's room in Ricketts. When asked for ID, he had no reply, so she told him to leave. She screamed and the suspect fled. The suspect was black, 28, 5'6", 150 lbs.
- 9-12 Car stereo stolen from a locked car in the Wilson lot.
- 9-13 In the Chester lot at 6:15 PM, a male riding his bicycle had his penis exposed and was masturbating. The suspect made obscene remarks referring to the victim's body. Security came and escorted the suspect home, where the Pasadena Police interviewed him. The suspect was a Latino, 14 years old, 5'5", 150 lbs.
- 9-14 Between Baxter and Beckman at 5:50 PM, the suspect rode his bike in front of the victim, blocking her way, and stated; "We are going to fuck." The victim ran away and noticed the suspect removed his penis from his pants and was masturbating. The description matches the suspect in the previous incident.
- 9-14 The Caltech soccer team kicked a ball over the fence, cracking a car's windshield. The Athletic Department will pay for the damages.
- 9-14 At 11:15 PM a woman in North Mudd heard tapping on the outside window of her office. She looked to see the lower half of a male masturbating his turgid penis. Suspect ejaculated on the ground where he was apparently kneeling down so the victim could observe him.
- 9-17 Money stolen from locked locker in the gym.
- 9-17 Computer reported stolen from Steele. It was later discovered that a professor had borrowed it.
- 9-18 Motor scooter stolen from between Lloyd and Ruddock.
- 9-20 A \$100 bill was stolen from the Coffeehouse. An employee noticed it missing 20 minutes after he had checked it.
- 9-24 An unknown suspect was witnessed stealing food and putting it in a microwave in Page House.
- 9-24 Sixty-two compact discs were stolen from Page rm 217.

opinion

In our attempt to make the *Tech* look like a real paper, here is our first editorial, describing some things that are in need of change.

Athletic Facilities

Very often, we have heard people complain that Caltech's athletic center is too small and that it is always too crowded. The problem, however lies not with the number of tennis courts, weight machines, open fields, and gym areas, but with the people that use them. As a private institution, there is no reason the public should be able to use our equipment and buildings. All too often do Techers go to the Athletic Center to, for example, play tennis, only to find the courts filled with non-Caltech people; and when someone tries to inform the off-campus people that they can only play one game when Caltech people are waiting (as the large signs clearly state), the usual result is a heated argument. We have even heard that the Caltech tennis team has a difficult time clearing the courts for their practices. There is a simple solution to the problem with the tennis courts: put them on

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California Tech
meeting 12:15 PM
today in room 127
Baxter. Freshmen, pick up your nametags in your assigned house and come on over.

Positions needed: Sports Editor, Photo Editor, On-Campus Distribution (paid), Writers, Photographers.

Crime and Incident Beat

Straight from the desk of Harold Ginder

- 8-22 A man pushed a woman off the track. The man had been observed doing this before.
- 8-22 On Wilson, a man was assaulted by two men: one white, one black. One suspect held the victim while the other hit him and searched for his wallet. When they found he had no money, they fled.
- 8-22 At Del Mar and Michigan, a person reported two suspects, matching the description of the previous assault. They approached, but the intended victim ran away.
- 8-22 The victim was on Chester by the Children's Center when a male leaped over a fence and exposed himself. The victim walked away, and the suspect jumped back over the fence and disappeared.
- 8-22 Victim was walking on Chester at 11:00 PM when four males asked what time it was. The victim told them and they began to beat him. Nothing was stolen.
- 8-27 A VCR was stolen from Marks House. Someone had used a spoon to pry it off the base it was locked to.
- 8-28 A guest at the Athenaeum reported that there was a fire on the roof of Ricketts. It turned out there was a bonfire in Blacker courtyard.
- 8-30 At 10:15 PM on Lura St, the suspect asked the victim if she had a watch. His trousers were down around his ankles and he was masturbating his penis. Security could not find the suspect described as white, in his 20's, 5'9", 150 lbs.
- 8-31 A locked bike was stolen from Chester lot.
- 8-31 An unlocked bike was stolen from Curch Lab.
- 9-6 The driver of a 1987 Honda Civic tried to follow a security car into the Wilson parking garage without allowing the entrance control arm to come down between them. The control arm broke off, and scraped the paint on the top and left side of the car.
- 9-6 A faculty member broke his left ankle sliding into a base during a softball game.

LETTERS

Administration Doubts

To the Editors:

Most letters to *the California Tech* are gripe letters: complaints about some specific problem Caltech has. The vast majority go unanswered, including some of the most important ones. I hope this one will not.

It seems like many of Caltech's problems can be traced directly to a growing mistrust between administration and students. The administration has recognized this, and is slowly making attempts to correct it. The most infamous example was the White Paper, a faculty brainstorm on improving the quality of undergraduate life, which was only released to the student body after a court order demanding it. (Despite Administration opinions, all such information may be accessed by the students.) The paper strongly implied that many problems would be solved by reducing the powers of the student government and imposing stronger controls on student life. Unknowingly, they managed to illustrate the exact conflict between themselves and the students: the students are becoming increasingly mistrustful of the offices and individuals who run this school, and apparently with good reason.

I have had the memorable experience of going before UASH. I had prepared a good-sized document detailing the extenuating circumstances I asked them to consider, mainly involving certain personal and medical problems I was suffering from when I previously left the school. Apparently the effort was wasted; I spent most of my time explaining my case to members of the committee who clearly had not read it. Instead, one asked me whether, if reinstated, I would be bringing my pet snakes on campus. Another asked if keeping those pet snakes (boas) was legal. (It of course is.) While I was waiting in the hallway for their decision, a cart of refreshments was wheeled past me and into the meeting room, upon which debate was apparently ended in favor of a social gathering which could clearly be heard from the waiting area.

I apparently was lucky, however. Other students have worse stories. There was the term in which the rumor was going around that UASH was going to be especially severe in readmitting students because of the housing crunch caused by the new freshman class. My own rough statistics seemed later to provide circumstantial evidence for this claim. Also, while I hesitate to call anyone at Caltech "racist," I am aware of at least one student claim of racism on the part of a UASH member that I find impossible to summarily dismiss.

Even if neither of these is true, my point is made. The mere existence of such allegations should be impetus for reform. Why can't a se-

cond student accompany a student in a UASH meeting? Why can't the student hear the subsequent debate and vote? Perhaps these steps would help ensure relevance in debated points.

And what of the fact that dropping a class sometimes requires UASH's permission, but UASH meets only after those same classes are over? You either have to give up on the class and pray UASH will grant your request, or you must continue to do the work for the class, making it useless to drop it anyway. Could not UASH meet in the middle of each term? In addition to addressing such things at a time when they are still relevant, they could hear some reinstatement requests, giving students the chance to know their fate slightly sooner than a-day-or-so-after-classes-are-started. What a concept. By the way, am I the only student to feel that a MOSH serving on UASH is a conflict of interest? I do not like to think that any problems I may discuss with the MOSH may affect my academic career, or lack thereof.

My second point is this: while there are serious problems in the quality of student life on campus, most can be pinned squarely on the administration, and their refusal to deal with them. While we are subject to ever-increasing controls over everything from parties to posters on our walls, the needs of individual students often go unheeded.

While I am deeply moved and grateful for the brand new parking stripes in the Synch lot, I am still waiting for an explanation on why a student who takes a medical leave third term may return the following fall, but a student who takes one first or second term must stay out a full year. (Most administration members vigorously deny this happens. I can offer a number of cases.)

When I was forced by the sophomore-crunch-algorithm to live in a certain off-campus house, one which sported no heat, a broken bedroom window, and cracking plaster, I spent two consecutive nights in the Huntington emergency room with asthma. A visit to the MOSH's office proved as useful as nose-picking; they constructively offered the solution "maybe you could stay with a friend until the next room pick." I was of course billed for the room.

The administration's attitude towards the so-called "girl problem" is especially deplorable, and their current attempts to solve it merely through increased numbers may well end in disaster. The problems of female students already here have yet to be addressed. Many have had firsthand experience with abusive relationships, and the breakup is sometimes next to impossible. The ex-boyfriend feels somehow justified in doing everything from entering her room and threatening to leave, to destroying her belong-

ings, to threatening, razor blade in hand, to kill himself if she leaves him, to cold-blooded acts of revenge and harassment against his ex-girlfriend months, or even well over a year, after their separation. While hard feelings are inevitable, no one should be subject to ongoing physical, verbal and written harassment months after the fact. Caltech needs to recognize that some behaviors constitute sexual harassment and should be treated as such. I have heard female students complain that, on the contrary, the past response from the Administration (shall I name names?) has ranged from everything from "Emotions are running high right now. Just wait a while." (This in response to repeated complaints two terms and a summer after the breakup) to the thinly veiled suggestion that SHE should move off campus, or go on leave, if the situation was that bad. The best way to motivate the Administration in this case is to Xerox and send copies of your ex-boyfriend's next threatening letter to at least five members of the Administration, along with a note strongly implying you will sue their butts off if they don't do something about it.

And as an aside, perhaps someone should mention to the more elderly scientists that work with JPL that a female SURF student's responsibilities do not include "making coffee."

If the Administration wants to improve the quality of student life at Caltech, they should stop blaming the shortcomings on the students. It is time to start recognizing that, for example, just because someone is a capable scientist does not mean they can run a school better than those with more practical experience. If faculty-student relationships are truly to be encouraged, then maybe it is the faculty which needs to loosen its arrogant stranglehold on every significant Administrative post, and take steps to shore up the long dwindling trust between them. What I would like most at the moment, though, is simply a reply to this letter and the ones on teaching quality, etc. I have never seen a high member of the Administration answer student concerns in this paper, and it would be a nice first step.

—Michael J. Lazzaro
Dabney House (1-58)

Although the Administration did not respond directly to the letters on teaching quality, several members of the Administration were quite willing to discuss the situation for the later article regarding teaching by Kin Ha and I

Dr. Everhart also mentioned his concerns about the letters and encouraged faculty to put a renewed emphasis on teaching at the faculty board meeting immediately following the printing of the letters in the Tech.—Mark Lyttle

Cross-Country

from page 1

of the meet was to defeat LaVerne; Claremont and Whittier were simply out of reach. The Beavers succeeded in their task handily, beating LaVerne College in a score of 23-38. The women lost to Claremont 50-15 and to Whittier by nearly as great a margin.

Margi 'Eats Glass' Pollack led the orange and white clad Beavers, finishing 16th out of 41 runners in a time of 21:49 for five kilometers. Trailing Margi by a minute and a half came a pack of seven Caltech runners.

Junior Liz Warner ran 23:21 to finish 21st. Freshman Aimee Smith was 22nd in 23:43, Golda Berstein 23rd in 23:54, up and coming freshman sensation Amy Hansen 24th in 24:31, and frosh Erika Moilanen 25th in 24:59. At the end of the block of Caltech runners were sophomores Cathy Hafer, finishing 26th in 25:04, and Mary Rowe, finishing 27th in 25:16.

Separated from the first pack of Beavers by merely one LaVerne runner was a second pack of four. At the head of this second block

Editorial

from page 1

south master. This will allow any Tech person to gain entry to the courts, while cutting down the number of people from outside Caltech that will play.

Rotation Rules

This year has seen the inclusion, for the first time of a few pseudo "gag" rules. Upperclassmen are not allowed to talk about their rotation experiences (including which houses they picked as freshmen). What is the motivation behind this rule? If it is meant to prevent biased discussion against other houses, it fails miserably, since anyone who wants to can still slander a house of their choice. Another rule for this year was the prohibition on discussing a certain penalty given to a certain house for a certain action of theirs. Although the IHCs belief that this knowledge might make freshmen alter their picks of houses has merit, it seems absurd to us that it is a rotation violation to show a new student a copy of the IHC minutes from a particular week last year. Finally, because these rules were made only a few days before rotation, there are many upperclassmen who don't know that they exist. This sets the stage for dozens of violations a night; the question now becomes: will the IHC punish these infractions, and if they don't, why did they make the rules in the first place? We don't know how the IHC came up with this year's set of rule changes, but it seems as if there was much room left for improvement.

—Paul Socolow
—Scott Kister
—Mark Lyttle

was freshman Jessie Haldeman, 29th with a time of 25:25. Right behind Jessie, with an identical time was freshman teammate Valerie Jacox in 30th place. Next came senior Ami Choksi, in 31st with a time of 25:46. Completing the foursome was Maria Toronto running 27:22 to finish 32nd.

The next runner for Tech was Australian runner Fiona Lo, 35th in a time of 29:16. The final Caltech pack consisted of Miran Rhee, Jennifer Remine, Karen Ross, Yuka Yonebayashi, and Melissa Li.

Next Week

This Saturday, the Beavers duke it out with a slough of small schools at Caltech's home course in the Lower Arroyo. Coach O'Brien commented, "I think our top seven men are going to be changing places throughout the season as we have a block of good runners who are near the same ability level. It'll depend on who has a good day, and on the type of course we run on a given week. Also, the guys down around eighth, ninth and tenth for us now can jump up into that top seven at any time. We have a good group, and hopefully they'll continue to work together to do some serious motoring."

Although the meet is a non-conference event, the Beavers will try to use the home course advantage to defeat as many teams as possible. Things may get interesting, as a vengeful Whittier College will be at Saturday's meet.

Coach O'Brien wants us to ask for volunteers to help run the meet. Volunteers should show up at 9:00 AM at the Lower Arroyo parkway for free soda. Special message for Warren Emery: Jim O'Brien would like you to come to one cross country meet during your thirty year tenure as athletic director. I think he was referring to this meet.

THE CALIFORNIA TECH

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—Siskel & Ebert

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With: Dr. Seuss, *The Zax*

Baxter Lecture Hall Friday 7:30 & 10:00 p.m.
\$1 ASCIT members (this means you, Frosh) \$1.50 others

Next Week: *The Blues Brothers*

ASCIT
FRIDAY
NIGHT
MOVIE



The Inside World

This week's **Inside World** was written by:

Blacker: Walker Aumann, Glenn Eychaner, Noam Bernstein
Dabney: David A. Edwards
Page: Dean Wilbur
Ruddock: Chris Martin
150 S. Chester: Chris Campo

Blacker 1 2 3
Dabney 2 3 5
Fleming 0 0 0
Lloyd 3 0 3
Page 0 1 1
Ruddock 0 4 4
Ricketts 0 0 0
150 Chester 0 5 5

150 S. Chester

Chris is Pissed

Yeah, that's right. I'm pretty steamed. This week the thing that set me off was rotation—it reminded me how lame all the "houses" are. Since this *Tech* is going to come out before rotation, I guess some uptight asshole out there might BOC me or something for slamming the houses, but what would happen to me? Which house will lose picks because of me? Certainly not Dabney (I'm never there and I think they've disowned me anyway...) Anyways, I don't really care, so I'm going to write this anyway.

Let's start with Fleming. Besides the fact that these wanna-be frat members are a bunch of fascist assholes, who go around wearing gay-looking red shirts with F's on them (I think that signifies the average GPA in the house.) and spouting off about how much cooler than everyone else they are, I guess they're alright. I just love their bullshit, well-thought out, witty verbal attacks on other houses, like when they say, "page SUX!" How cool—some genius must have stayed up nights thinking up that cut down. The Page Boys are at a loss for words when they hear that line—I guess it is too brilliant for them to come up with any sort of come back that would even come close to it!

Speaking of Page, I have never seen a house as chock-full of disorganized clueless fuck-ups as Page is. I mean what kind of house unity can exist in that bland, generic 50 person dormitory when someone at one end of an alley doesn't even know who the people living at the other end of the alley are? What brilliant RF's the Page Boys have come up with. That time you threw shopping carts down into Lloyd courtyard—really cool, guys. Also, a day doesn't go by when some Page Boy whimpers about how unfairly Page was treated by the MOSH last year. If you guys weren't so fucked up, maybe none of that minor bullshit, which you whimper about, would have happened.

Let's move over a North House to Lloyd. I think the Lloydies are just a bit too uptight about house functions and meetings. I mean is it really necessary to go to a secret location somewhere in Baxter for a confidential rotation meeting where each frosh is talked about for 20 minutes of more. Mellow out, guys! What about Lloyd roompicks? Same thing—you guys make a big fucking deal out of something which is just not that important. There are these three intense guys armed with walkie-talkies and reams of Lloyd roompick rules who show up at roompicks. Give me a break, the only other thing that irritates me about Lloyd are those A CORONA AFFAIR—THE HOUSE THAT KILLED shirts everyone has been wearing. I mean how many of you ACTUALLY worked on that stack?

OK, Ruddock's turn. One incident which occurred in Ruddock last year convinced me that if all the Rudds are like the dude in the incident, then Ruddock is hurtin' for certain. A few people including me were walking through Ruddock's monopoly alley, and one said, "Ruddock" in a sneering tone. This retarded Neanderthal type bounded out of his room, grabbed one of us and started frothing at the mouth and sputtering, "RUDDS! RUDDS!" as if he were going to bring the whole house to shower us. Now my friend is about half the size of this guy, but the guy is still unable to get him into the bathroom to shower him. In response to his cries for Rudds a few clueless people wandered around the hall wondering what to do. We finally grabbed my friend, told these dumb-fucks how lame they were and strolled out. I hope Ruddocks upstairs isn't as weak as the downstairs alley where we were is.

Now on to "my" houses—Dabney and Ricketts. I'm considering them together because they have some common problems. Bare feet, for example. Hey, you people who walk around without shoes—did you do that before you came to Caltech? Well, you pretty much didn't. Did you start doing it because others Darbs and Scurves were? Well, yeah, you sort of did. get this through your head: it is not cool to walk home to your off-campus house three blocks away on a rainy cold day without shoes. Also, do you ever look at the bottoms of your feet? They're pretty gross after you've walked all day over dirty sidewalks littered with discarded gum and assorted other goodies. Another thing: it is not cool to go to chem lab in bare feet, guys, OK? The last straw came the other day when I was eating lunch at by favorite place, BJ's. I looked out the window at the sidewalk along Lake Avenue and what did I see walking along it? I saw a "Darb-Scurve" padding his way barefoot along the sidewalk. Look, that isn't cool, guy. It's gay, OK? Another thing that both Dabney and Ricketts do to piss me off is this, "I have three announcements. ONE!" bullshit they pull at dinner. That's not cool, guys, but you get off on it, I guess, so you do it whenever someone makes an announcement.

There are a couple of gripes I have with Ricketts alone. First is with those frisbee golfers. Why choose a Ricketts off-campus house as one of the holes? I used to live at Frame House and it really pissed me off when you goofy assholes would slam your frisbees into our front door and window while we were watching TV or relaxing. In case you didn't know, I'm the guy who ran over one of your frisbees in my car last week. I really got a kick out of the expressions on your faces as I sped by.

One more gripe: There's an alley in Ricketts called Snatch. My freshman year, there was one pretty cool guy living in the alley. Whenever I would go to see him, though, I had to wade through a sea of assholes who would jump out of doorways into the middle of the hallway, stare stupidly at me, and say, "Randomness!" No guys, that's not cool. Also, why is someone who is a senior, with a good pick, choosing to live in that alley for the fourth year in a row? Why??!

Well, last, and probably least, is Blacker House. No guys not Blacker Hovse. You guys have the most irritating, gay, fucked-up grammar I have ever seen. That IT thing where every T is capitalized, BlackOR, Hovse o' da Month and all the rest of that bullshit is so lame. Not cool guys, gay. Your house is pathetic! Some of the coolest people pick you guys as #1 during rotation (I can't imagine why, but that's beside the point) and without fail you end up picking the bottom of the barrel. I think there are probably at most 6 cool people in Balcker House. But the worst thing about Blacker, the thing that really gets me pissed is Blacker "dinner". You guys have nothing better to do with yourselves then to sit around in the dining room for OVER AN HOUR every night? You purposely perpetuate your dinner. Why? The classic Blacker phenomenon at dinner exhibits itself as follows. Everyone has finished eating and people are sitting around with goofy, perplexed expressions on their sorry faces. Silence reigns in the dining room as all the Moles concentrate. Then one of them will slowly look right, look left, and a look of glee explodes on his face as his hand shoots up. He has an announcement! It's always an irrelevant, unfunny, bullshit announcement, but it makes dinner last that much longer. This goes on for about 45 minutes with about 2 minutes of intense concentration in silence between announcements. You guys are pathetic. Pathetic!

I think that the cool Caltech housing is that which exists north of Del Mar. I feel sorry for the rest of you who have to live immersed in the "on-campus" scene, but you can do something about it! **MOVE OFF—CAMPUS.**

Ah, that felt good. So until next week when I'll be pissed off at something else and have to get it off my chest, see you later.

Ruddock

So there I was, listening to the Song o' the Week on Pirate Radio and eating M&Ms. My mind drifted through the assignments I should have been working on. Instead of sitting, no lying here and eating M&Ms. And drinking Cherry Coke. From one of those blue and pink special summer cans. Those cans are, by far, the coolest cans around. Even better than Jolt Cola cans. Just look at that girl in the swimsuit. What a babe! What a sex object! What a symptom of the moral degradation of our society. Madison Avenue pushers, selling sex. I could've sworn the Commies were behind it if it wasn't fo California Cool. No surfers in the Soviet Union, ya know.

As my thoughts drifted, so did my head. Towards my open door. New faces wandered by, Frosh faces. The ones we had been attempting to show the true meaning of Ruddock House. If they would just glance in here, just for a split second, they would learn more about the character of Ruddock House than they could ever learn at rotation. To see me here drinking Cherry Coke and eating M&Ms on the lime green couch which dominated the room. It was the style, Rudd style. Because I didn't eat those M&Ms in the normal way. Nope. No hand to mouth. The bag cracked in my left hand. My right twitched and propelled a brown sphere stamped with a small M skyward.

"NO CATS" said the sign next door. Celia didn't want any cats getting near Baby the Bird. Not even near enough to smell him. Especially not Quasar. The furry ball of teeth and claws wasn't normal, not even cat normal. He would sit and roll over on command. And he could sure as hell eat a bird. Bill couldn't do much of anything. For one thing, he was stuffed. For another, he was tied to a cross hanging from Celia's door. Now he had a reason to have his tongue hanging out.

My mouth was open. It didn't need to be. The M&M sailed up through the tropical fish hanging from the ceiling. It wasn't coming down. It's trajectory took it from my sight into my roommate's skybed. M&Ms melt in your mouth, not in your hands. I bet they melt in your sheets, too. Especially at four in the morning on a sweaty, summer night. John would unwittingly test my hypothesis tonight. Chocolate sweat. Ugh!

My hand twitched again and candy lurched into the air. Into a blue and yellow angel fish suspended from the ceiling. Wouldn't matter. The fish were just light paper. Not like dinosaurs. They were wood, heavier than an M&M. I watched them dancing on the other side of the room. Doing a dinosaur dance to the whistling breeze rather than the electric twang of the radio. Pirate Radio, TWANG, TWANG, TWANG!

My mouth was open. It didn't need to be. It was coming directly along my line of vision. It was big, a big peanut M&M. Big and green, coming right for me. It was unlike any green M&M I had seen before. It was a dark deformed green like Delwyn's car. But that wasn't the worst of it. This was a mutant. One of those mutant peanut M&Ms we've all come across. Big and lumpy, because it had two peanuts inside instead of one. I couldn't do anything. Just lie there and watch it descend, in slow motion. I realized that even one of the dancing dinosaurs wouldn't have been able to stop it. I couldn't scream. Def Leppard did my screaming for me. I just stared.

The big mutant Delwyn Green M&M lodged itself in my eyeball with an audible THLUNK! I winced. Green tears on the lime green sofa. At least they didn't clash. Going to class with a double mutant green M&M in your tear duct. It didn't say a lot about Ruddock House. But then, it didn't say a lot about anything.

continued on page 10

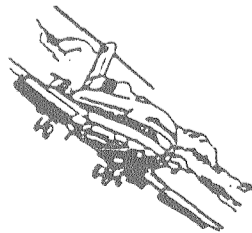
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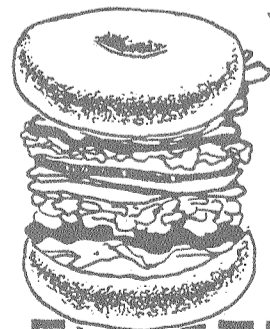


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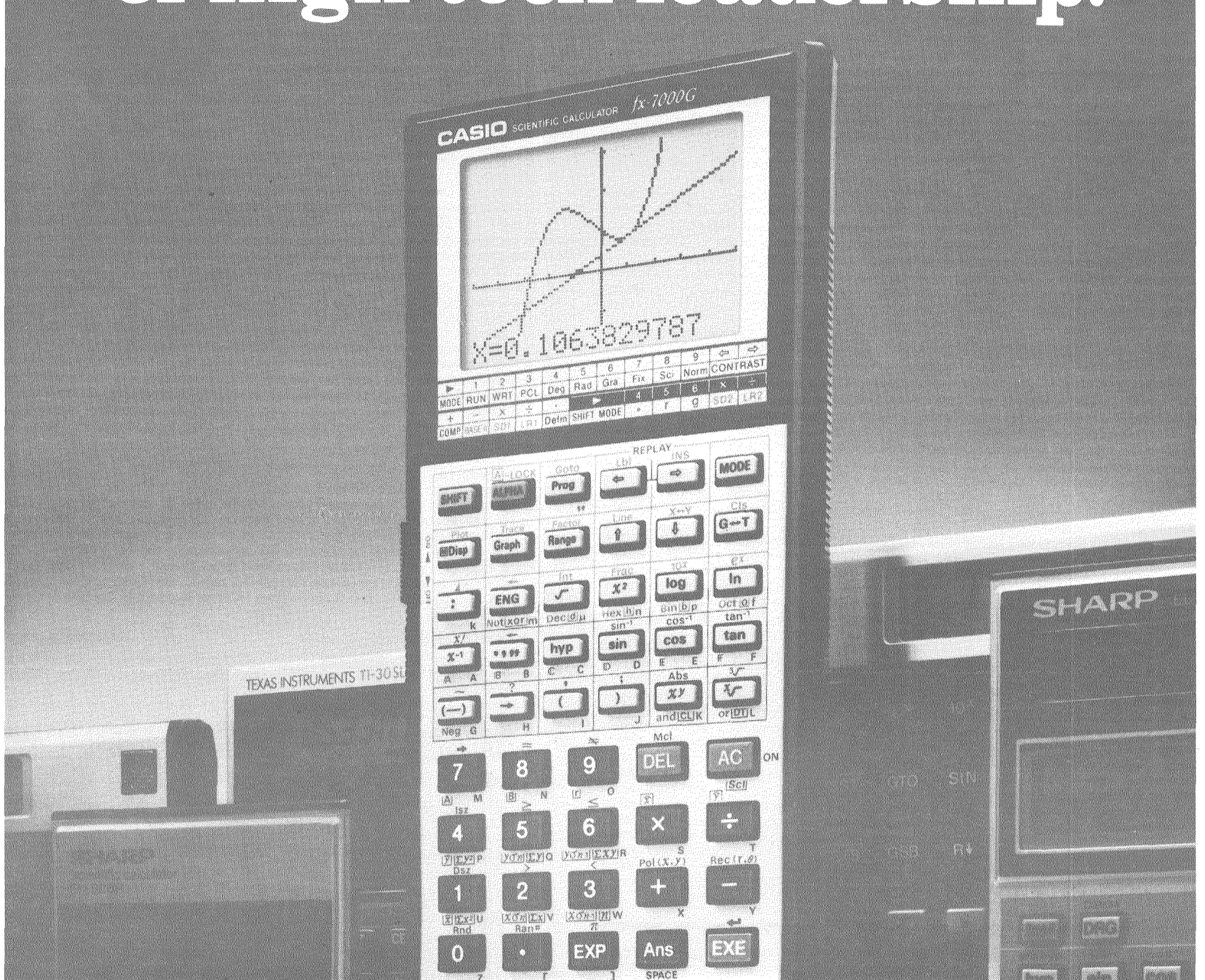
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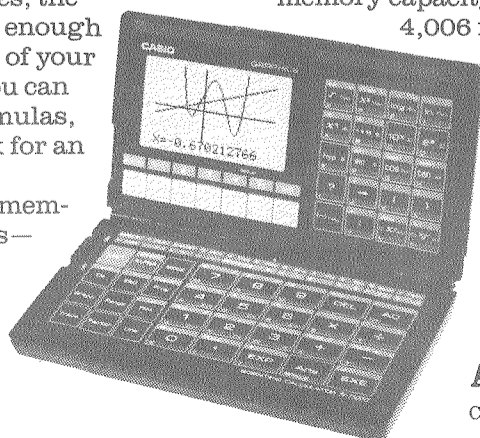
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The Water King's Laughter
by Esther M. Friesner
Avon Books, \$3.95 paperback

by Nick Smith

Esther Friesner gave up being an instructor at Yale in order to write fantasy novels full time. Judging from what she has written in the last few years, she made a good decision, but her would-be students have missed out on one of the truly great warped minds of our century.

The Water King's Laughter is sort of the fourth book in a series. I say "sort of" because you don't really need to read the first three in order to appreciate or understand this one. The first three, *Mustapha and His Wise Dog*, *Spells of Mortal Weaving*, and *The Witchwood Cradle* all take place in the same world as this newest story, and precede it, but the central characters are different. The basic things to know are: it's a fantasy world with straightforward magic, and the ultimate bad-guy is named Morgeld. Those two things are hard to miss, anyway, and the actual plots of the first three books have almost nothing to do with this one.

The Water King's Laughter is about a young man who has a simple dream: he wants to make mus-

ic, traveling the world as a bard, entertaining audiences who would listen raptly to his singing and playing. Unfortunately, his compositions are, to put it charitably, horrendously bad. To make it worse, if that's possible, while he is pretty good with musical instruments, he has a singing voice like "a churnful of cats." And that description was by someone who liked him.

You see, the young man, Timeo by name, was the son of a

bard and a sorceress. You guessed it—he inherited none of his mother's magic, and less of his father's musical talent. His doggerel lyrics, as performed by his "remarkable" voice, are bad enough to stun literate passersby, torment dragons, and inspire cute little rabbits to violence. Unfortunately for the world of music, Timeo wants so much to sing that he keeps trying. And trying.

The first half of the book centers on Timeo being the focus

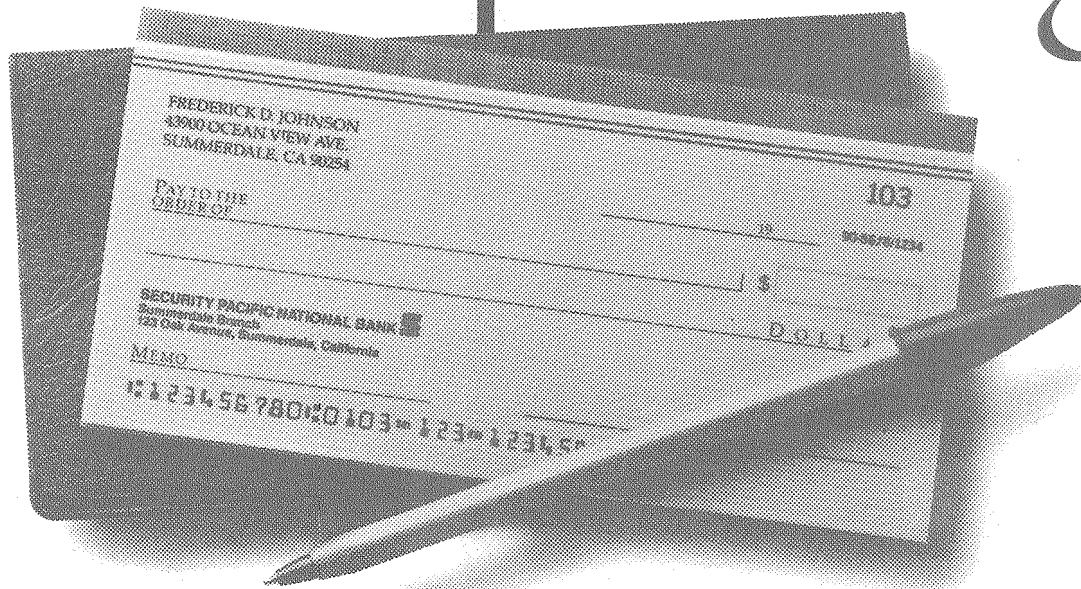
of an outrageously convoluted practical joke, and the second half involves his being coerced into being a long-lost prince of a near-forgotten realm. He doesn't really want it, they don't really want him, and the usurper on the throne is *not* the sort to politely abdicate. Besides that, the evidence of his legacy is a little flimsy...

By the time this series of books is complete, which will take several years at least, they may all tie together and you will then want to

go back and read them all in order. For now, this one stands well on its own, and is worth reading. Be warned: Esther Friesner likes to do perverse things with chapter titles. In this book, all of the chapter titles are clichés and/or quotations (or variants thereof) related to water... no matter how far she had to twist, warp and mutilate the phrase to do it. She must have gone to the Robert Asprin School Of Chapter Titles or at least taken their correspondence course.

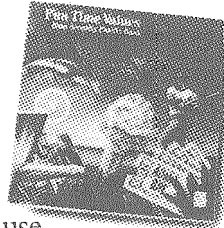
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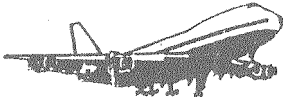
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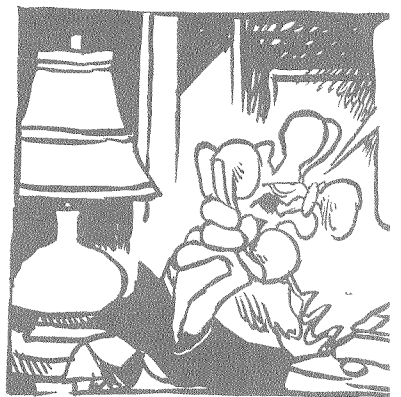
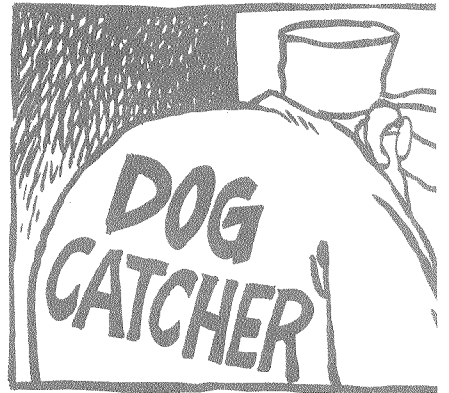
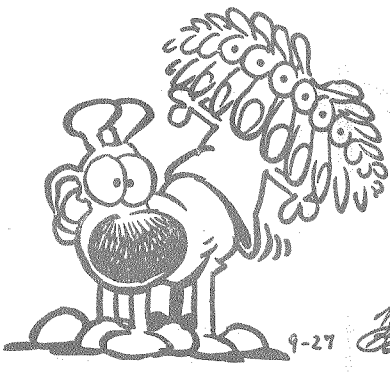
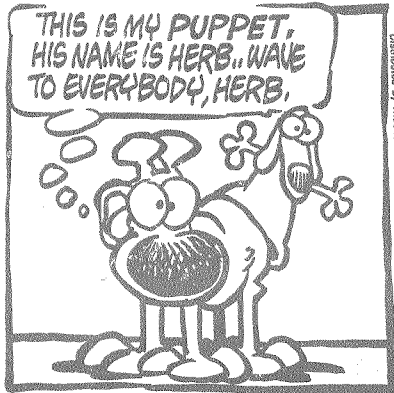
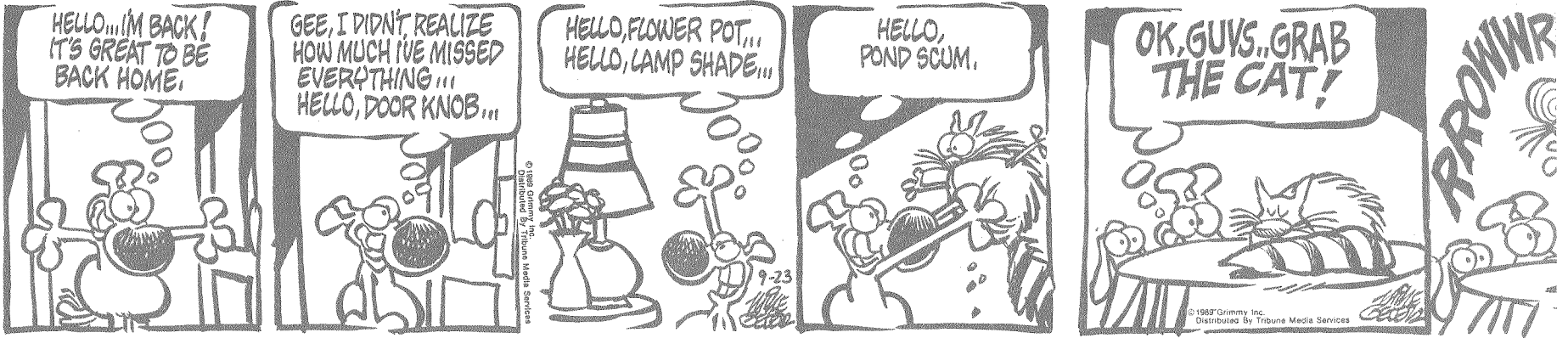
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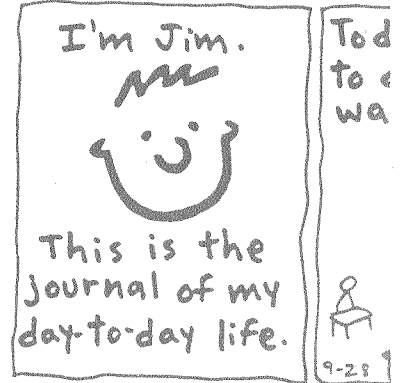
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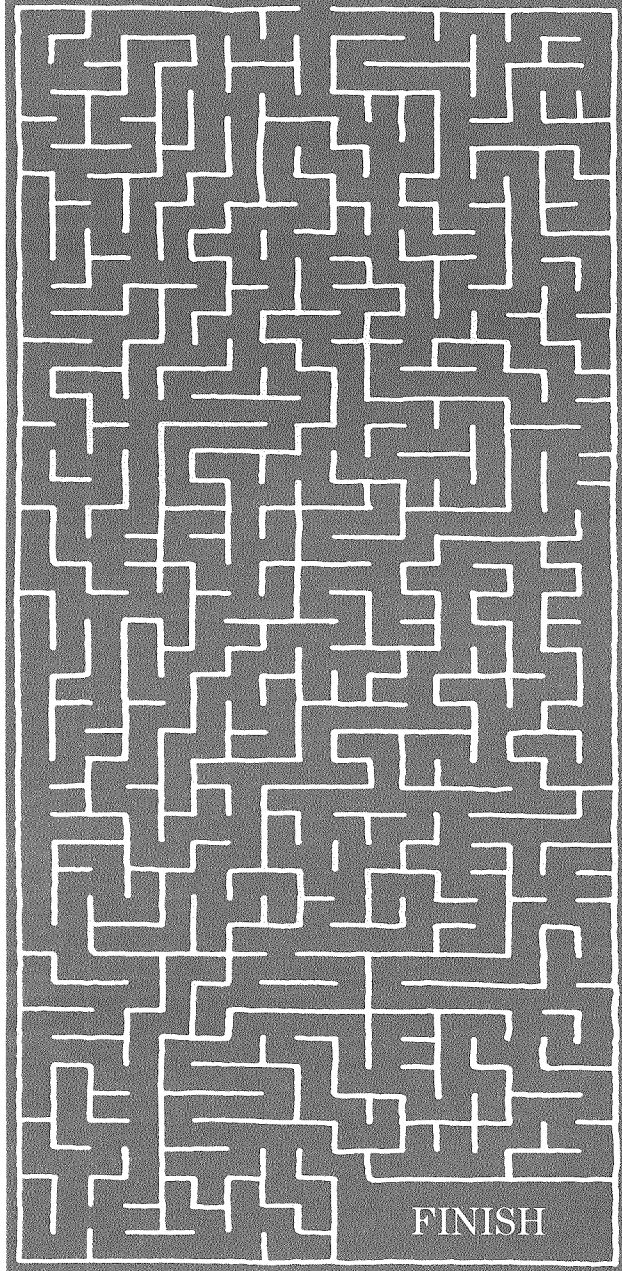


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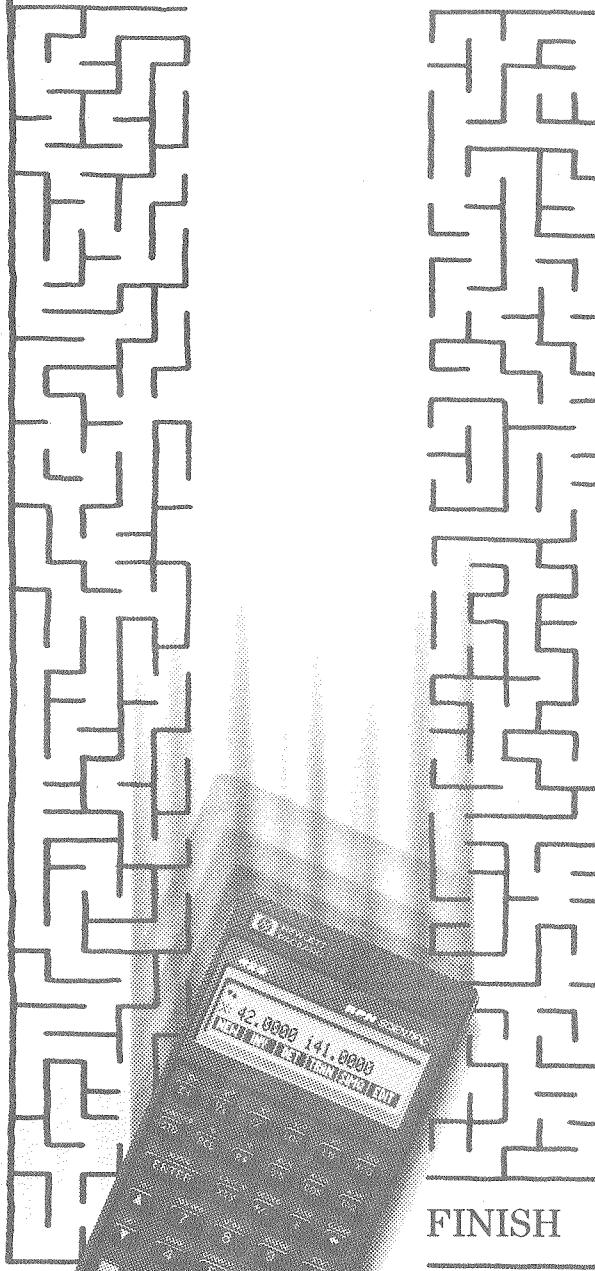
Due to a recent vacancy, the Board of Control is conducting interviews to fill one of the two Representative at Large positions. The responsibilities of the office include identifying areas of life at Caltech in which the application of the Honor system should be examined, as well as representing the undergraduate population at meetings of the Board.

Any interested undergraduate students are encouraged to sign-up, although, due to the necessities of the office, preference will be given to those students possessing some experience as a member of the Caltech Community living under the Honor System. Sign-ups will be posted in each of the seven undergraduate houses. First round interviews will be conducted on Thursday evening, October 5. For further information, contact Jerry Hauck at campus extension x6200.

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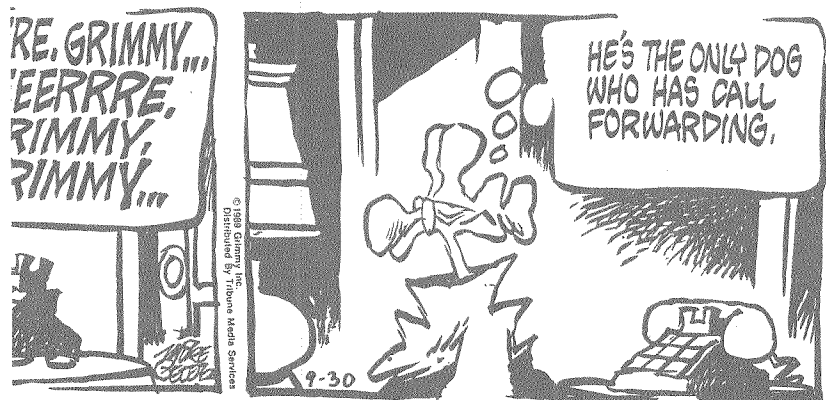
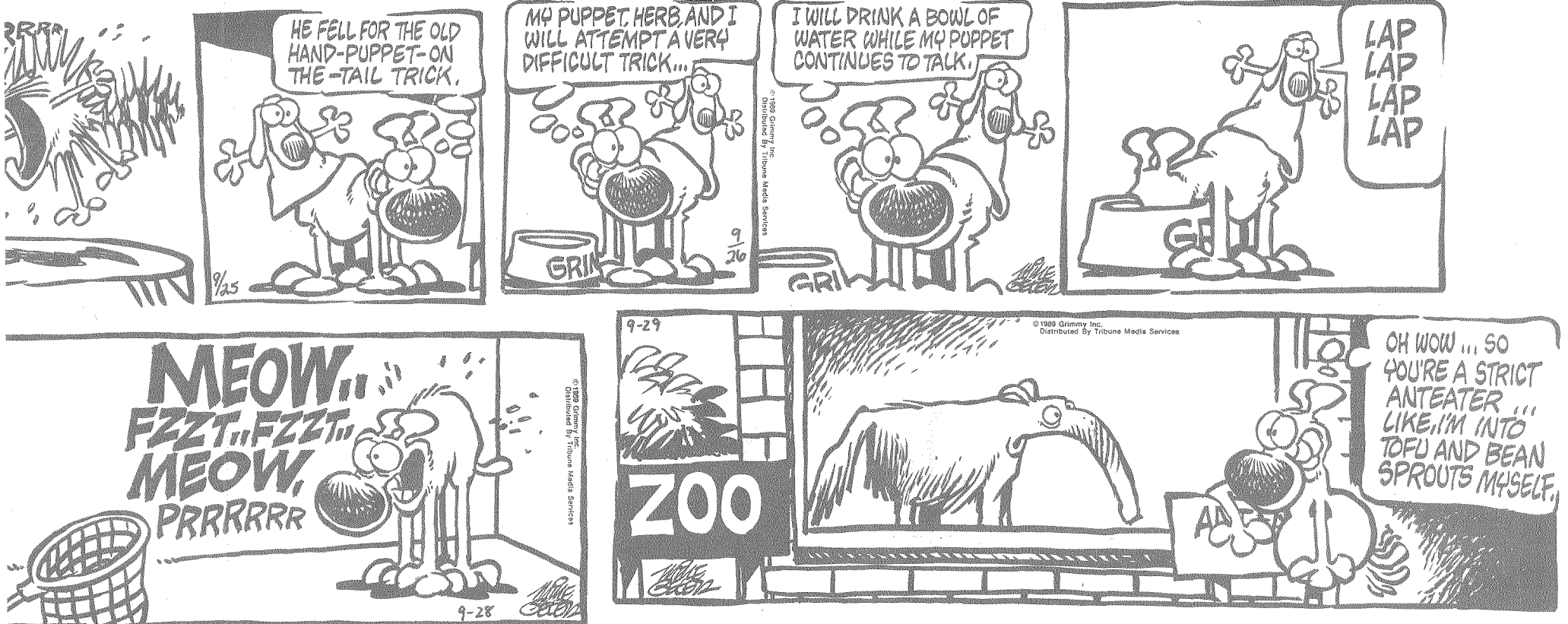


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by Jim



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Movie Beat With Varoujan Gorjian

by Varoujan Gorjian

I am sure everyone is wondering what the person who wrote "BATMAN SUCKS" thought of the Batman movie. (For those Frosh who were not around at that time, I wrote an article about the Batman movie with apprehensions about the coming movie, about whether it was going to be a comedy or not and how from the previews it was obvious that many of Batman's most principle characteristics had been changed.

For example, making him pretty thin and scrawny by picking Michael Keaton to play the very athletic character or changing his attitudes about guns, where in the comics he had sworn never to use a gun, since a gun killed his parents, while in the movie he had guns coming out of every gadget.)

I had not titled my article as "Batman Sucks", but the editors felt it would best fill up the space at the top of the article. But that was my opinion before I had seen the movie, based on early articles and previews. The question now is, what did this very discriminating Batman fan think of the movie after he saw the movie. Well, I must admit that it sucked!!! Not just for the reasons that I had stated in my article, no, far from it.

My original understanding was that these were professional movie makers out to make use of a 40 million dollar budget to bring their vision of Batman to the screen, even if it did conflict with the purist view of Batman as developed since the Dark Knight. Forget the philosophical character views, the movie was badly made.

First and foremost were the extremely awful special effects. The

matte paintings of Gotham City were obvious each and every time. Any time miniatures were used they were glaringly obvious, especially when the Batplane was flying over the city and when it crashed. The worst part of the crash was that the cars that were supposedly parked at the side of the street looked like matchbox cars.

When the chemical factory blows up it looks just like a model blowing up, which it was. Other bad special effects were the searchlights which were animated onto the church where the Batman and the Joker are fighting. I could just go on and on about the bad special effects, but those were not the only bad parts of the movie.

The most important element of a movie is the script, and *Batman's* script had plot flaws one could drive the space shuttle through. When Batman gets a missile lock on the Joker with his computer and fires all those missiles and bullets, the Joker is completely unscathed. The movie makers must not have heard of concussion or shrapnel.

Then the Joker brings down the Batplane with one bullet, thus indicating that Batman can bulletproof his suit, but can't bulletproof a plane, which one can plate with armor. Other flaws were unanswered questions. How did Batman find out that a combination of cosmetic chemicals caused death? Why didn't he blow up the chemical factory as soon as he found out about the chemicals instead of allowing the Joker to produce more?

Why did Alfred, a loyal servant, reveal Batman's true identity in express defiance of Bruce Wayne? Why did they keep the Batsuit in a vault (obviously to



BLACK RAIN

make it easily accessible in an emergency)? How could Batman fall four stories, not break anything, then beat up some thugs right after regaining consciousness? I mean suspension of disbelief is one thing, but these were just too much. These and many more questions were left unanswered.

The only saving grace of the movie was Jack Nicholson, who did an excellent job as the Joker and the only reason the movie made so much money was the hype. This movie will become a case study for advertising students in how to make a bad movie a hit.

Now onto upcoming movies. *Fat Man and Little Boy* will be

coming soon to a theater near you. It is the story of the making of the atomic bombs, starring Paul Newman and Dwight Schulz. If the name Dwight Schulz, who plays Oppenheimer in the movie, seems familiar but you just can't place it, he is the one and only "Mad Man" Murdock from the *A-Team*.

The movie also has a bit part for Dr. Politzer of the Physics department. (Let's hope they didn't cut it out, which very often happens with bit parts.)

A bit down the road is *Erik the Viking*, directed and written by ex-Monty Python Terry Jones, starring Mickey Rooney, John Cleese, and Susan Sarandon. It is a comedy about how at the beginning of the age of Ragnarok, Erik and his

Viking crew must journey to Asgard and wake the gods before the world ends. Asked why he wanted to direct the movie, Jones replied, "I really enjoy directing, I always find it easier than not directing!"

Going back to the movies farther down the line, *Back to the Future 2* and *3* were filmed back to back with all the original cast and will be released this winter and next summer in a rare six-month time gap between sequels.

Also filming is the adaptation of *The Hunt For Red October*, with Sean Connery starring as the Russian sub captain who apparently decides to defect to the U.S. with his submarine. The submarine interiors were built on hydraulic controls that allowed the whole set to be tilted, thus avoiding the classic *Star Trek* technique of tilting the camera and having everybody fall out of their seats. The movie is set for release in the spring.

Another movie in the works is the sequel to *Die Hard*, for which Bruce Willis will reportedly get 7.5 million dollars. It is tentatively titled *Die Harder*. Though no definite word is out it looks like *Star Trek VI* will be directed by the producer of *Star Trek's II, III, IV* and *V*, Harve Bennett.

Finally a plug for a movie that is already out, the Ridley Scott-directed *Black Rain*, about a New York cop in Osaka, Japan. The movie has the classic Ridley Scott touch of being beautifully filmed. The plot is a bit predictable but this is a movie definitely worth seeing. For the best effect, though, *Black Rain* must be viewed in 70mm and with THX sound, most preferably at the Mann's Chinese theater in Hollywood.

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from page 3

The Inside World

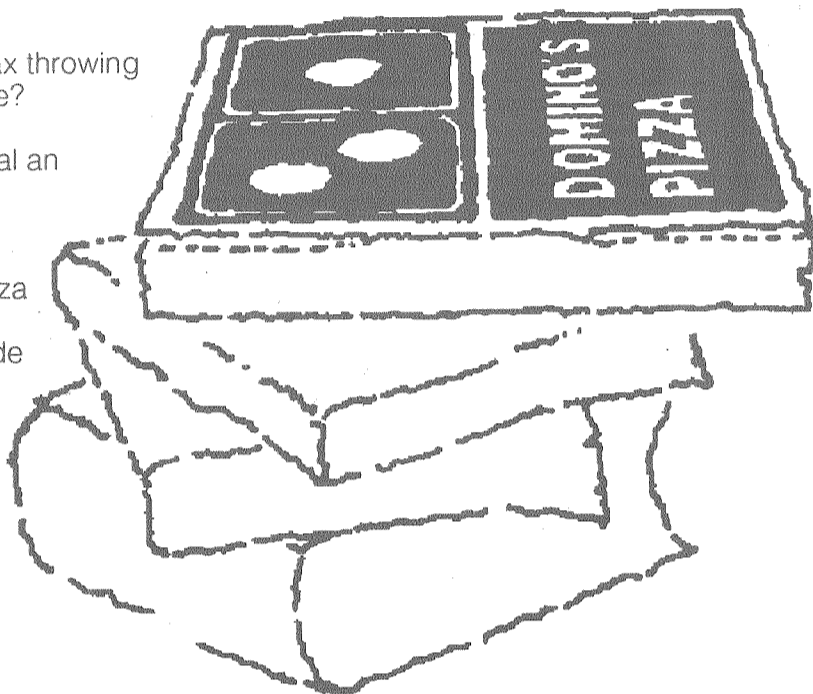
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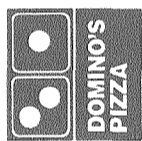
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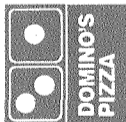


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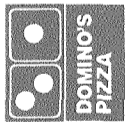


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Dabney

Well, it's the end of everybody's favorite week-ROTATION. The time when everyone learns everyone else's major, interests, and favorite anti-tank weapon. Upperclassmen, one of your many options for Saturday night is the big Rotation meeting starting at 7:30 PM. Let's all come out and rank those frosh!

It's rotation week and I'm extremely busy with stupid mnemonic devices, calligraphy, and Microsoft Excel, so I'm going to sidle out of this commitment by using the "easy list" method:

Things That the Frosh Learned at Frosh Camp

1. Steve Anderson misses the boat on just about everything.
2. Steve Anderson looks better in a dress than in shorts—so attractive in fact, that the Lloyd RA fell in love with him. Maybe you should get castrated, Steve.
- 3a. Last-minute rushing to get the job done always beats careful planning. Dabney House was the only house whose Frosh Skit didn't get gonged, only because we didn't do the wonderful one that I had written. Maybe we should have followed Reneau's advice and done the skit with "suck my dick" left in it. Of course, that would have certainly freaked out the Deans.
- 3b. Last-minute rushing to get the job done always beats careful planning. The wonderful apathy of Group C and the three-minute knee buckets steamrolled the carefully planned but terribly inept attempts of the other ME contest groups.
4. My Inside Worlds are more famous than I have anticipated. Also, with widespread notoriety does not necessarily come widespread praise.
5. The reason we go to Camp Fox for Frosh Camp is because it's the only place on earth whose food is worse than Caltech's.

Things That We All Learned During Rotation

1. Allen and Reneau have this secret plan to fatten Dabney House up by feeding us fattening foods all the time. Why does the "Twilight Zone" episode "To Serve Man" suddenly come to mind. Is it because they used to live in New Guinea?
2. On the dB meter, my typing almost exceeds Jennifer's screaming.
- 3a. You can lead a frosh to gin and tonic, but you can't make him drink.
- 3b. You can lead a frosh to Gary's food and make him throw up.
- 3c. Even \$10.00 is too cheap for "more than Tracy can drink."
4. Frosh should never put nicknames on their frosh interest sheets that they don't want to be called.
5. The freshmen this year just aren't as well-prepared for Chem 1 as they used to be. Doesn't everyone get Schrodinger's equation in high school? If anyone has a copy of the "Chem 1 Caper" videotape. I'd love to see it.
6. The four distinguishing characteristics of Rob Hanna are short, fat, Hispanic, and obnoxious. The fifth characteristic (wanted by the San Diego Police Department) has now been eliminated since he has agreed to return the 60 Tijuana prostitutes that he tried to smuggle across the border in the back seat of a Yugo.
7. Steve Byers has finally found a perfect excuse for his continual loping. He says he broke his toe. Does anyone remember exactly when he broke his toe? July, perhaps?
8. Everybody likes phobias, but ice cream and mixed drinks aren't quite as popular. (As of this writing Monopoly and the mystery topic) have yet to be evaluated. Yes, I promised "something stupid every night", but at least Jeannie remembers people better if she thinks of them as "Smurf" or "Agoraphobia". But of course, Jeannie still doesn't know whether Dabney is a north or a south house.
9. Anyone who wants a good laugh should ask Allen (not Ivars to say "I'll think I'll go ride a horse after dinner."

—Darbor Cruises

Page

Rotation

Hello, Frosh, I'm glad you're here.
Now pay a quarter to drink our beer and tell me, please, what is your name?
And where is the place from whence you came?
How do you like the B.C. food?
(My friends and I find it all quite rude.
If that was beef then it came from a cow that would sit on your lap and purr and meow.)
What opinion would you like to choose?
What substance do you often abuse?
What movies would you want to see?
Do you like to watch sports on TV?
We have here and [sic.] extra kitten or two.
Would you like to take one home with you?
You're asking about that 'fridge over there?
Well, over the weekend it fell down the stair and that dust in the air has that has your eyes blinking is the result of an evening-long bout of beer drinking, but the MOSH knows about it. Its [sic.] already paid for.
This is the stiff that college was made for.
Oh, it's nine o'clock now, I've got to be going to do stuff about which you shouldn't be knowing 'cause you and all your frosh friends must be rated so we can decide to what end you are fated and remember, if you're finding Rotation a bore, you'll be looking forward to it when you're a sophomore.
—Mr. Laughs minus four of his nine lives

セールスエンジニア	コンピュータシステムのソリューションセールス
システムエンジニア	①営業活動への技術面のサポート ②技術コンサルティング ③ソフトウェア開発
技術教育エンジニア	ソフトウェア・ハードウェアの技術教育または、CAI等の教材開発
研究開発エンジニア	OS、データベース、プログラミング計画、ウィンドシステム、通信、ネットワーク等の基本ソフトウェア開発
テクニカルライター	ドキュメンテーションプランを作成しソフトウェア設計仕様書、英文マニュアルをもとに日本語ソフトウェア製品に関する顧客向けマニュアルの制作
英語教育スタッフ	社内英語教育の企画・立案・実施
マーケティングスタッフ	証券、銀行、生保、CIM、IS、AI、UNIX、EWS等の分野での企画・調査及び戦略策定

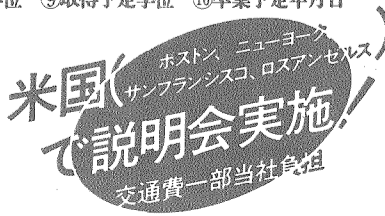
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項目：①氏名 ②現住所 ③電話番号 ④出身高校 ⑤高校卒業年度 ⑥大学名 ⑦専攻 ⑧取得済学位 ⑨取得予定学位 ⑩卒業予定年月日

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Blacker

The Blacker Antisocial team wishes to inform the general public of our first official Antisocial event, Roompick. Tickets are available from the secretary for the mere price of a social membership, badminton rackets, dammit. Thanks to Hovsing, we have many sophomores, they're still frosh, dammit. struggle, struggle, whoosh, drip, drip, drip. currently living off campus. However, some are in love with Gary's fine cuisine so much that they are willing to spend Rotation in Hell, just to try to get back on board in the upcoming roompick. For those wishing to move back on campus, Pete is accepting bribes now. Pay early, pay often. UASH has graciously provided a few vacancies in the Church and Hovse of Blacker, TTBOAI. This still hasn't stopped the killings, however. The latest victims have been identified as Pam Katz Rosten and Tanya Kurosky. We mourn their passing. Police decline to speculate who could possibly be behind such a vicious crime.

They're oak, dammit. You know, oak. Like, sturdy and tough and able to withstand even the abuse of Blacker Hovse, much like Gary's new plates. If Hovsing is worried about OUR tables getting wet, maybe they should provide us with the lemon oil we're supposed to clean them with. Otherwise, I guess the waiters will have to clean them with water. Disclaimer: We did not mean to imply that the Hovsing Office are officious bureaucrats who wouldn't lift a finger to save their own grandmothers from the Ravenous Bugblatter Beast of Traal without forms signed in triplicate, filed, lost, found, lost again, shredded, burnt, buried in peat for three months, and recycled as damage report forms or BC mashed potatoes. We're sorry if this impression has come across.

Warning! Warning! Meltdown temperatures approaching! Too bad the ex-Hovse car didn't have a warning light like this. There was a warning light, but it came on AFTER the engine melted. But don't worry. It will still run if you can get enough frosh to push it. I hear Glenn has strong arms. Papa Cliff! Mama Celina! Hip Hip Hooray, we're orphans! Orphans with bandanas and no AAA cards. And we were damp. This is proof we aren't frosh: we were damp, and we were most definitely NOT happy well, at least most of us. And brave orphans we were, lost in Flintridge, and no, that wasn't a gunshot.

Now opening: Blacker Hovse Ski Lodge Annex. Beautiful lake, easy access to slopes, free. Pre-ski tryout trip, no experience necessary.

Good job Ken on the Coke machine, what with rewiring all the empty lights. Now we can suck change out of all the frosh and Darbs. Pretty clever, but did you really think you could fool anyone with that fake Coke truck? How much did that cost you, anyway?

Who will live in 16, and what will become of room 40? What will become of Glenn, will he get wet again before the end of Rotation? And when will the Andy O'Dea memorial count exceed the student body? The answers to these questions and more next week on Dirty Laundry.

Kick me in Greek, PermaFrosh, and if there's one place I'm not from, it's Wisconsin. By the way, DO they have electricity there?

Mini-Lottery Date Change

The mini-lottery has been changed from Friday, September 29 to Friday, October 6 at 11:30 AM at the MOSH's office. The deadline to enter the lottery or to find a roommate has also been changed to Wednesday, October 4.

Play Bridge

Play bridge at the Caltech Bridge Club this Monday. We meet every Monday at 7:00 pm at the Red Door Cafe on the second floor of Winnett Student Center. No card fee, no membership fee, no partner needed. Undergrads, grads, faculty, etc. welcome.

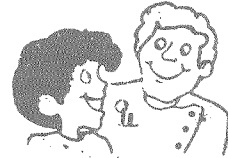
Addendum

Regarding a statement in last week's Tech article entitled "She's a Glamour Girl", it has been brought to our attention that Vivian Chow is in no way associated with the Caltech Debate Team.

Women's Glee Club Tryouts

The Caltech Women's Glee Club welcomes all members of the Caltech community. We meet Mondays from 7:30-9:30 pm and Wednesdays from 5-6 pm in Room 1 of the Student Activities Center. Tryouts are Sunday, Sept. 24 from 1-4 pm and Monday, Sept. 25 from 3-5 pm. Additional times may be scheduled by appointment for Monday afternoon, October 2. The women will be performing portions of Handel's "Messiah" with the Men's Glee Club in December and touring California's central coast (Santa Barbara to Santa Cruz) during spring break. For further information call the Glee Club office at x6260 or Ami Choksi at 795-3253.

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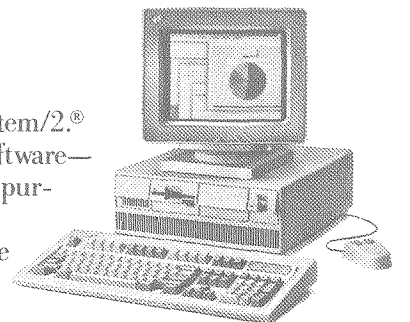


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These products are available to Caltech Students, Faculty, and Staff only at the **Campus Computing Organization (CCO), 158 Jorgensen, (818) 356-4612.** Prices are subject to change without notice.



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what goes on

scholarships

Submit announcements for *What Goes On* on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Indicate the date(s) the announcement must run. Announcements for the current issue must be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

Letter Jackets Have Arrived

If you ordered a varsity letter jacket or earned a letter, you can pick them up now from Scott Kister at 150 S Chester Apt 205. If you didn't order a jacket but want one, I have extras. The price is \$80 for one year letterman and \$40 for two year letterman.

Poetry Contest

The American Poetry Association is conducting a poetry contest and specifically urging students to enter. The contest includes cash prizes, and has no entry fee. Entries are considered both for the contest and inclusion in a poetry anthology. Entries may consist of no more than six poems, each no more than 20 lines. The writer's name and address must be on each page. Send entries or inquiries to: American Poetry Association, Dept. CT-70, 250-A Potrero St., PO Box 1803, Santa Cruz, CA 95061. Entries must be postmarked by December 31, 1989.

Big T Info!!!

The 1989 *Big Ts* are in! If you were a Caltech student during the 1988-89 academic year, see one of the following people to receive your *Big T*:
 Blacker—Matt Kidd
 Dabney—Elaine Lendelef
 Fleming—Alecia Chen
 Lloyd—Craig Sosin
 Page—Scott Dolin
 Ricketts—Glenn Tesler
 Ruddock—Matt Fetter
 Or drop by the *Big T* office (SAC Rm. 27).
 If you submitted pictures to the *Big T* and would like them back, write on a piece of paper the picture's page number, location on the page (e.g., bottom left corner), and content (e.g., people in the picture) by Oct. 20, 1989. After this date, the *Big T* is not responsible for whatever happens to the pictures. The *Big T* mail code is 27-58.

Gay/Lesbian Discussion Group

An ongoing discussion group on Gay/Lesbian topics is held on the 1st and 3rd Tuesday of every month from 7:30 to 9:30 pm at the Archibald Young Health Center. All members of the Caltech community are welcome. Refreshments are provided. For further information please contact Bruce Kahl, x8331.

Guitar Classes at Caltech

Guitar classes for the fall quarter will meet on Tuesdays starting October 3 in the Student Activities Center (SAC), Room 1. The schedule is as follows:
 Beginning class—4:30-5:30 pm
 Intermediate class—3:30-4:30 pm
 Advanced class—5:30-6:30 pm
 Classes are free to Caltech students (and other members of the Caltech community, space permitting). Undergraduates can receive 2 units of credit if they choose. Classical and Flamenco repertoires will be explored but the techniques transfer to other styles of guitar. The beginning class includes a jazz and folk chord system. Private instructions on any level can be arranged. The instructor, classical guitarist Darryl Denning, has an international recording, performance and teaching background, and can be reached at (213) 465-0881.

Science vs. Reality

On Wednesday, October 4 at 12 noon in the Judy Library in Baxter, Dr. Ruth Sime (instructor of Chemistry, Sacramento City College) will be speaking on "Lise Meitner: Scientific Success—Professional Struggle." This talk, part of the Science, Ethics and Public Policy series, is a brown-bag-lunch seminar.

Fun Fund Signups

Sign-up sheets for the Don Shepard Fun Fund will be posted at the MOSH office, on Monday, October 2nd. Take advantage of this opportunity to enjoy a special evening of dining out, or a relaxing break at a cultural event of interest to you. Remember, we will contribute \$25 per person for dinner, and \$30 per person for a cultural event.

Mass and Brunch

There may be no such thing as a free lunch, but there is a free *brunch* on campus this Sunday. It's the Newman Center's way of welcoming new and returning Catholic students, and follows the 10:00 am mass in Winnett Lounge. Faculty, staff and interested non-Catholics are also welcome (spouses too, of course).

Housing Check-In

All Undergraduate students living in Institute housing are required to check-in at the Housing Office by Monday, October 2. The office is open during the hours of Monday-Friday, 8:00 am-12 noon and 1:00-5:00 pm.
 Students not checked in by October 2 will be charged a \$50.00 improper check-in charge. In addition, those students will be placed on full (lunch and dinner) board.

History Film Series

Every Monday evening at 7:30 pm in Baxter Lecture Hall, there will be a free film shown as part of the History Film Series. These films are open to all members of the Caltech community.

The October 2nd film is *The Organizer* (Italy, 1964—Mario Monicelli). Marcello Mastroianni stars as a gentle, professional labor organizer who leads a strike by a group of 19th-century textile workers in Turin, Italy, as they rebel against a 14-hour day, low wages, and a high accident rate.

Inventory Forms

Inventory forms are for your protection. Your room will be inspected for damages at the time you check-out of your room or change rooms. To eliminate any charge for damages that you have not caused, carefully inspect your room and make note of any problems on the room inventory checklist. If you did not receive an inventory form at check-in, you may obtain a form from the Housing Office.

Turn in your inventory form to the Housing Office (1-56) within seven days of check-in or following rotation (once you have moved into your permanent room).

Attention Wind Lovers

The Caltech Windsurfing Club (Sail-Blazers) will be holding its annual semi-official start-of-the-season get-together on Wednesday, October 4, at noon near the goldfish pond outside of Ramo Auditorium. Drop by if you want to meet fun people, get to know what the Club can do for your entertainment or simply learn more about windsurfing in Southern California. If you can't make it but would like to talk to us for more information, call Frank Doyle (x4869), Mike Jackson (x4786) or Giancarlo Losi (x4533). May the wind be with you!

CPU (Computer Club) Meeting

CPU (the Caltech Computing Club) will meet at 8:00 pm on Wednesday, October 4th, in SAC Clubroom B, and is open to all. The topic will be the what, why and how of CitNet, the campus computer network. Frosh are strongly encouraged to attend.

Debate!

On Wednesday, October 4, the debate team is having an organizational meeting for the 1989-90 school year. Anyone interested in debating during the school year or in receiving credit for PA 20, Debate, should attend. The meeting is in Clubroom A, SAC Rm. 13 at 4:00 pm.

Are You Wearing Underwear?

Unless your mother put your name in your underwear, Jeanine Conneally has no idea who it belongs to when you leave it in the laundry room in the Student Activities Center. Save yourself (and her) needless embarrassment and check to see if you have all of your clothes. This goes for non-underwear, too. Clothes that are not picked up by October 31st will be given to the Goodwill.

Scholarship Listings

The Financial Aid Office has applications and/or information on the following scholarships. All qualified students are encouraged to apply. The office is located at 515 S. Wilson, 2nd floor.

The National Hispanic Scholarship Fund is awarding scholarships that range from \$500 to \$1000 to U.S. citizens or permanent residents of Hispanic background. Applicants must be attending college on a full-time basis and have completed a minimum of fifteen units prior to submission of application. There is no minimum GPA, but selection is on the basis of academic achievement, personal strengths, leadership, and financial need. The application period is from June 5 to October 5, 1989.

The National Space Club is awarding a \$7500 scholarship for the academic year 90-91 in memory of Dr. Robert H. Goddard. The applicant must be a U.S. citizen, in at least the junior year with the intent of pursuing undergraduate or graduate studies in science or engineering. The deadline for application is January 5, 1990.

The Gloria Fecht Memorial Scholarship Fund is offering a scholarship of ranging from \$1500-2000 to a young woman attending a university in California or Arizona. Applicants must have an interest in golf and financial need. Applications must be mailed on or before March 1st.

The St. Andrew's Society of the State of New York is offering a scholarship to an outstanding senior undergraduate of Scottish descent whose permanent address lies within the boundaries of Pennsylvania, New Jersey, New York, and the New England states. This scholarship is also based on academic merit, leadership qualities, and financial need. The deadline is December 31, 1989.

The American Scandinavian Foundation of Los Angeles is awarding scholarships for 1989. Upper and graduate students with demonstrated interest in Scandinavia, majoring in business, arts, science, linguistics, and music, are encouraged to apply. Applicants must have strong academic qualifications and must show financial need. Deadline for application is November 15.

The Coors Veterans Memorial Scholarship Fund is offering scholarships ranging from \$2,000 to \$5,000. Applicants must be sons or daughters of Honorably Discharged Veterans, active military personnel, or American service personnel Killed in Action, Missing in Action, or Died in the Line of Duty. Applicants must also be under the age of 22 as of March 15, 1990, have completed a minimum of one semester of college with a minimum 3.0 cumulative GPA. Deadline is March 15, 1990.

CAFA, the Chinese-American Faculty Association, is providing several scholarships to undergraduate students of Chinese descent. Applicants must be taking 12 quarter units or 8 semester units with GPA of 3.5 or above and graduating after May 1990. Applicants will be selected on the basis of GPA and extra-curricular activities. Deadline is December 15, 1989.

Watson Fellowships

The Watson Foundation provides post-graduation fellowships of \$13,000 (\$18,000 for married students) for a year of independent study and travel. Fellowships are not intended to support formal study at a foreign university. They encourage, instead, an informal break in the normal sequence of undergraduate/post-graduate education. Caltech seniors are usually chosen for this award. In fact, a 1989 graduate, Cameron Campbell, is a Watson Fellow this year.

One-to-three page project proposal drafts are due in the Deans' Office on Friday, October 13th. Keep in mind that successful proposals generally have a single topic of study or investigation that reflects a student's long-standing interest in that area. Seniors should stop by the Deans' Office if they have any questions about this program.

Research Semester

The U.S. Department of Energy has announced a research program open to juniors and seniors interested in biomedicine, chemistry, materials science, engineering, reactor physics, atomic physics, nuclear physics, high-energy physics, environmental science, geoscience, mathematics, computer science, energy systems, waste technology, nuclear medicine, and automated inspection/measurement systems. The program provides a stipend, housing and travel reimbursement for a variety of activities including hands-on research, seminars, academic courses and advanced instrumentation training. Applicants must be a U.S. citizen or a permanent resident and must have a GPA of at least 3.0.

Applications are available in the Deans' Office. The deadline for submitting an application for the Spring 1990 semester is October 20th.

Cambridge Graduate Fellowship

Applications are available in the Deans' Office (102 Parsons-Gates) for the Churchill Scholarship program. The one-year graduate study award is available to graduating seniors and graduate students. It includes full tuition, a \$4,000 living allowance, and a \$500 travel allowance. Churchill College is a predominantly engineering and science-oriented college at Cambridge University. Applicants must be U.S. citizens between the ages of 19 and 26.

The deadline to submit a complete application to the Deans' Office is November 15th. Caltech can nominate two candidates to the Churchill Foundation.

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LEGAL SERVICES—

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