

The Men aren't  
Spankies.  
The Women...???

# THE CALIFORNIA TECH

Beavers, Beavers  
Slap Your Tails  
(clap,clap,clap)  
Slap Your Tails  
(clap,clap,clap)

Volume XCI, Number 3

Pasadena, California

October 6, 1989

## Harriers Dominate

by Chris Campo

Caltech's third foray into the exciting world of cross country in the 1989 season came last Saturday in the Lower Arroyo Park. The "Caltech Invitational" hosted seven other teams. As the dust settled, the Caltech men came out on top, vanquishing all their foes. The women also had a strong showing, finishing third out of the eight teams.

### The Men

The competition for the men was fairly weak, and they handily beat Masters, La Verne, Whittier, Life Bible, Southern Cal College, and Pepperdine. The battle with Whittier, which should have been a close one, turned into a washout when two of Whittier's top runners were benched because of injuries. Caltech put four runners in front of Whittier's first man.

Finishing at the head of the Beaverpack was Dan "Terminator" Flees, in third place with a time of 30:05. The next Beaver to cross the finish line of the 5.2 mile course was Chris "wild man at the wheel" Campo in fifth place with a 30:32. Coming in seventh and eighth were Scott "Downhill Dasher" Kister and John "Freebird" Freeman, with times of 30:46 and 30:50 respectively. A trio of Citrus Reamers took 15th, 16th and 17th: Dan "Lipman" Lipofsky (31:57), "Jammin" Jonah Michaud (32:03), and Mark "I'll be your wingman any-

day" Lyttle (32:12).

John Pham cruised to a time of 34:47, finishing in 30th place. At 39th, in 36:04, was freshman Todd Walker. Other eager Beavers finishing were Steve McLaughlin, Mike Ida, Jason Macleod, Rick Oliver, William Watson, Kade Larsen, Truxton Fulton and Johnny Ng.

### The Women

The women, facing the same schools as did the men, came out of the meet losing to but two schools (Masters and Pepperdine.) Margi Pollack led the female Beavers, cruising to a respectable time of 23:16 on the 3.2 mile course at 12th place.

Tech's consistent number two runner, freshman Aimee Smith, finished one minute behind Margi with a 24:17 at 21st place. Golda Bernstein was next for the Rolling Pumpkins, at 24th place in 25:01. Amy Hansen, a talented runner who is just beginning to get back in shape, finished in 25:28 at 25th place. At 26th was sophomore Liz "Tough As Nails" Warner, with a time of 26:04.

Valerie Jacox and Jessie Haldeman worked together to achieve places 29th and 31st with times of 26:33 and 26:35 respectfully. Behind Tech's top seven women were Ami Choksi, Kitt Hodsdon, Mary Rowe, Maria Toronto, Yuka Yonebayashi, Karen Ross, Jennifer Remine, and Melissa Li.



Photo by Robert Paz

A Caltech football player drives for an extra yard in their game versus the Nomads that was decided in the last minute, by a fake field goal and subsequent game winning touchdown pass by Dwight Berg. The Beavers won 6-0.

### Next Week

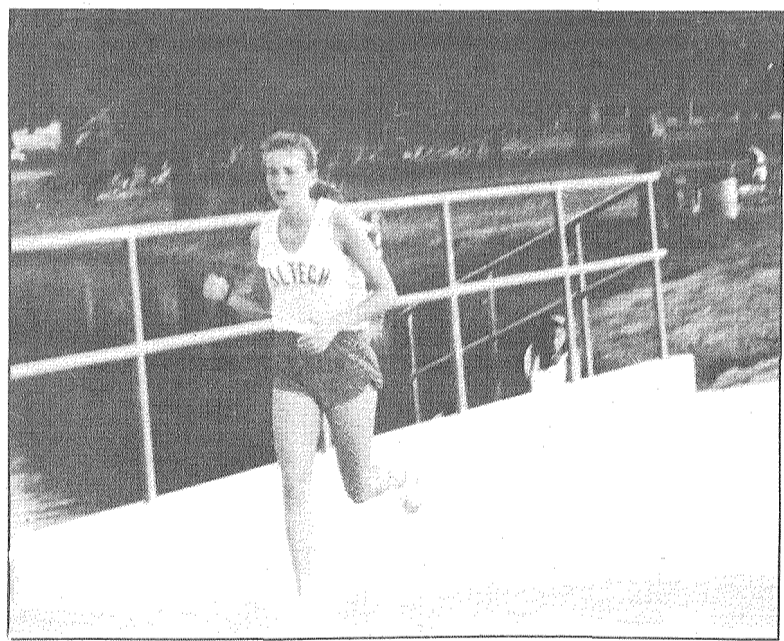
The men face Redlands, Whittier, and Pomona on a hilly desert course in Redlands this Saturday. The Beavers will be hardpressed to deal with Redlands and Pomona, two of the strongest teams in the conference, but have a strong chance of beating archrival Whittier College. One cause for concern is the sickness which seems to be going around Caltech, and which has clutched more than one Beaver in its grasp this week. Hopefully there will be enough healthy Beavers running to carry the team through this meet.

## Tech Meeting

This Friday, 12:15 PM in 127 Baxter.

Positions Needed: Sports Editor, On-campus Distribution, Reporters, and Photographers.

photo by Matt Fetterman



Freshman sensation Amy Hansen powers around the Legg Lake course, gunning down opposing runners with her finishing kick.

## WEEKLY SPORTS RESULTS

Day	Date	Sport	Opponent	Results
Wed.	9-27	Soccer	La Verne	1-0
Wed.	9-27	Water Polo	Rio Hondo	5-16
Sat.	9-30	Cross Country	Invitational (7 opponents)	Men 7-0, Women 5-2
Sat.	9-30	Soccer	Redlands	1-0
Sat.	9-30	Football	S.F. Valley Freelancers	7-0
Sat.	9-30	Water Polo	Chapman	2-17
Wed.	10-4	Soccer	Loma Linda University	2-3
Wed.	10-4	Water Polo	Cal State San Bernardino	4-18

## WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
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
Wed.	10-11	3:00 pm	Soccer	Pomona-Pitzer	Pomona-Pitzer
Wed.	10-11	4:00 pm	Water Polo	Occidental	Occidental
Wed.	10-11	4:30 pm	Wrestling	Rio Hondo	Caltech
Wed.	10-11	8:00 pm	Volleyball (W)	Loma Linda University	Loma Linda University
Fri.	10-13	3:00 pm	Soccer	Whittier	Caltech
Sat.	10-14	10:00 am	Water Polo	Whittier	Caltech
Sat.	10-14	11:00 am	Soccer	Christ College	Christ College
Sat.	10-14	1:30 pm	Football	L.A. Mustangs	Caltech
Sat.	10-14	2:00 pm	Volleyball (W)	Cal State San Bernardino JV	C.S.S.B.
Sat.	10-14	All Day	Wrestling	San Diego Wrestling Association	San Diego

## Crime and Incident Beat Straight from the Desk of Harold Ginder

- 9-30 The Dabney RA had a 1988 blue Honda four-door sedan stolen from Synchotron. Vehicle was locked and there was no broken glass where the vehicle had been.
- 9-27 A custodian in the SAC had chest pains and difficulty breathing. The victim was transported to Huntington Hospital.
- 9-27 A staff member in Kellogg Labs had chest pains and difficulty breathing. The victim was transported to Huntington Hospital.
- 10-1 Members of Page House reported a suspicious person in 13:00 Page House. The students detained the suspect, who said he was looking for a restroom. The students copied his California ID, his social security card, and his food stamp card. The suspect was told he was trespassing and he would be arrested if he came back. Several students claimed to see the suspect looking in refrigerators elsewhere on campus. The suspect was a white male, 35, 5'6", 165 pounds, brown hair and blue eyes.
- 10-1 Mountain bike stolen from Page House bike racks. The rear wheel was locked to the frame
- 10-1 During Rotation merry-making, a fire alarm pull box was set off on the first floor of Ruddock by accident.
- 10-2 Black male seen taking cans from recycling bins in the 7:15 Chester parking lot.
- 10-2 Wallet missing from office in Kellogg with \$85 cash. Office was open and unattended.
- 10-3 Wallet missing containing \$70. It was left in an unlocked locker in the gym.
- 10-3 Magazine solicitors in Ricketts and Dabney houses. The suspects were two white females, age 20. Pasadena Police advised them about trespassing and released them. Caltech has had problems with magazine solicitation concerning their employers previously.
- 10-4 An eelskin wallet containing \$90 was stolen from an unlocked room in Ricketts.

Harold Ginder's Crime Tip: Don't buy magazine subscriptions from door to door salesmen. Many of these salesmen are a fraud and they'll have your money, and you'll have no subscription.

## HELP WANTED

### On-Campus Circulation

The Tech needs one or more persons to do on-campus circulation Friday mornings. Duties include picking up the Tech at the printer in Glendale, delivering it to the undergraduate houses, and bundling the faculty & staff copies for distribution via campus mail. This is a paid position and takes approximately 3 hours each week. A car (or driver) is required. Call x6154 if interested.

ENTERTAINMENT

# On The Town With Shane Sauby

by Shane Sauby

Hello Caltech! I have always liked to think of myself as an avid movie fan, and therefore an experienced critic. Of course, this is true of most people who are egotistical and self-centered, and who believe their opinions are important. I am all of these and more.

Anyway, I hope to be of some help to you in your weekly decision of what to do on Friday and Saturday night. I plan to see as many movies and plays as possible this year, along with a few concerts, and, thinking myself an experienced critic, I thought I might pass along my feelings about these events to the student body. (Or, at least the part of the student body that's reading this.)

Due to Rotation, and life being very hectic the first week, I haven't seen any fine films except the ASCIT movie, *Die Hard*. On the other hand, there are some films that are still out that I would like to review and let you know what I thought of them.

The bottom of my list begins with the wonderfully silly movie *Kickboxer*. I went to see this movie with a couple of friends and enjoyed making fun of it. The acting ranges from poor to none, while the script was written by someone who had spent a few rounds in the ring with Jean Claude Van Damme, the movie's featured star.

The basic idea is this: Jean Claude's brother gets paralyzed in a fight with the bad guy, he goes and trains with the wise, old teacher, and he comes back and beats the bad guy up. Sound like *The Karate Kid*, maybe? Or how about *Remo Williams*? Like its predecessors, the best character is the old wizened teacher who teaches Jean Claude the native style of kickboxing.

There isn't much to save this one, other than two or three funny lines by the old guy. Unfortunately, that only takes up a minute or so of the movie and the rest is pretty silly. If you like violence, blood, and *Remo Williams*, rent it when it comes on video. ☆

The next movie on my list is *Batman*. Now, you have heard the hype, you have heard critics bounce it around and blast it to pieces, and you've probably heard that a bunch of people liked it. Well, I did too. There are problems with the film, yes, but they can be overlooked. I am not a total Batman fanatic, and I was not expecting an epic like *Gandhi*, so I was pleasantly surprised by this movie.

The two things that pulled it out for me were Keaton and Nicholson. I thought Michael Keaton played a believable Batman. He had that slightly psychotic, frenzied

look to him for most of the film, and he had the eyes that fit the mask.

Of course, the film belongs to Jack Nicholson. The man IS The Joker. There are no doubts about it. Anyway, they made the movie interesting for me, and made it possible for me to overlook the technical problems of the movie.

If you go to this movie thinking about how much money they spent, or how much hype it's been given, you'll be disappointed. If you go to be entertained though, you might be pleasantly surprised.

☆☆☆/2

Another flick that is still out and around is *The Abyss*. I really liked this movie... up until a point. I mean, I was into the movie, I was enjoying myself, I was having a really good time, until the end... This two-hour plus adventure/love story at the bottom of the sea is amazing.

The time, money and effort spent on the movie are all evident. Those of you who have not seen it yet, I would recommend you see it in the theater, because it will lose a lot on video. There is one major flaw to this movie and you probably already know what it is: the ending.

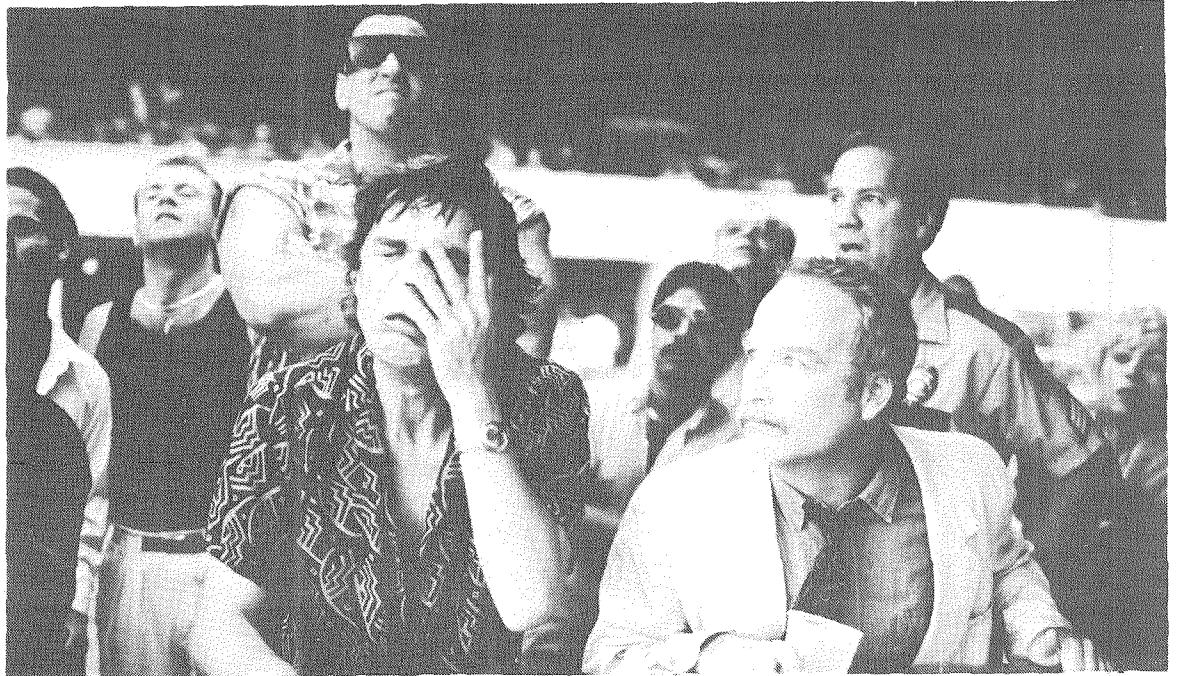
They copped out, or ran out of money, or ran out of patience, or just ran out of film. Whatever the lost, they lost it big, because the ending really sucked compared to the rest of the movie. Let me tell you about the movie before I describe the ending, sort of.

It goes something like this: A nuclear sub goes down on the edge of this Really Famous Deep Trench (none of my housemates can figure out how to spell it right, so it shall be the Really Famous Deep Trench.) Anyway, Deepcore, a mobile underwater drilling vessel, is sent to see if there are any survivors.

The rest of the movie deals with the guy in charge, his separated wife who designed the station, and a pressure-cooked Navy Seal. Along with all of them, some glow-in-the-dark E.T.'s are thrown in to make things interesting. Anyway, it's two hours long and I only have so much space to tell you what happens. Then it ends. Just like that, it's over.

Wurzel Keir, another avid movie-goer and self-acclaimed critic, best described the ending. "They ran out of plausibility. They couldn't go anywhere." This is what happens when you spend two and a half years making a movie: you miss something. In this case, it was the ending. ☆☆☆

Finally, one of the best films I saw this summer, and is still out, is *Lethal Weapon 2*. Danny Glover



Even though none of the Tech's esteemed movie critics said anything about Richard Dreyfuss in *Let it Ride*, Mark thought it was a funny horse movie but not as good as *Hot to Trot*.

and Mel Gibson team up again, this time to break up a South African gold smuggling ring. The humor, action, and suspense are all molded together with the fine performances of the two leads. Although some of the action sequences seem unlikely, they are well staged and executed.

Mel Gibson does a fine job as Detective Riggs, the slightly insane police officer who likes dislocating his own shoulder. Glover plays his partner, an older family man, who has a difficult time dealing with his daughter's television debut. The two have a run-in with a well-organized gold smuggling outfit, which is run by South African nationals.

When Gibson and Glover start making things difficult for the

smuggler's operations, there are some violent retaliations. The ensuing bombings, fire fights, and ultimate showdown are all excellently choreographed. The humor is mostly added by the federal witness thw two detectives are assigned to protect, who follows along.

The witness is an accountant who has been skimming money from the mob while laundering it. He decides it's better to run and turn state's evidence than face a short life in the concrete apparel department. There is a good balance to *Lethal Weapon 2* that was present in the first film, between seriousness, action and humor. They are well-mixed and keep the movie going at a reasona-

ble pace for its entirety. ☆☆☆☆

A quick explanation of the rating system:

☆: Don't bother unless someone else is paying, and even then think twice.

☆☆: Wait till it comes out on video and watch it in an upperclassman's room.

☆☆☆: If you have a bunch of people, or the right one person, it would make a good evening's entertainment.

☆☆☆☆: Take the money you were saving for your laundry and go see it.

☆☆☆☆☆: Sell your roommate into slavery for a day and go see it.

## Book Review

by Nick Smith

*Beauty and the Beast* by Barbara Hambly Avon books, \$3.95

Normally, I hate adaptations of movies and television shows, "novelized" for the mass market. So why am I reviewing this one? Well, Barbara Hambly isn't just some hack turning out junk. Her fantasy novels have been intriguing, and her one *Star Trek* novel was truly amazing, being based on the premise that old TV shows all take place in the same universe.

She's done it again. Oh, granted, this is almost a straightforward re-telling of many of the events from the first episode of the television show. Almost...

For those of you not familiar with the TV show (I'm sure you do exist), the show postulates that there have been enough people fed up with life in New York that they have formed their own subculture. In this case that is meant literally, since these "dropouts" have built their own society in the sub-basements and tunnels under New York City. The most unusual of these is Vincent, the Beast of the title, who has the face and claws of a humanoid lion.

The romantic interest, the Beauty of the title, is Catherine, an attorney who works in the D.A.'s office. Vincent rescued her from some truly awful things and they fell in love. This novel tells how and why that happened, providing several interesting subplots.

But Barbara Hambly couldn't quite play it straight. For example, one of the characters has found a source of electricity for special purposes. He has tapped into the lines below a tailor shop. From the description given, it's the one that acts as an entrance for U.N.C.L.E. headquarters (*The Man From U.N.C.L.E.* TV series, if you

didn't recognize the reference).

Another interesting facet is Hambly's handling of the realistic results of conflicting philosophies of life within the underground community. Just because these people don't like it above doesn't mean that they all think alike. The conflicts between ideals and pragmatism make a good backdrop for the plot. (Example: is it permissible to steal in a good cause? Who gets to decide how good the cause is?) It is unusual to find philosophical discussions in a TV novel, but then again *Beauty and the Beast* is not an ordinary TV show. If the rumored revisions don't ruin it entirely, it may regain its cult status in a few weeks when it returns from hiatus as a "mid-season" replacement.

For fans of the show, this is a great book. For those of you who have never watched it, the book will be interesting, but only good. Hambly's writing is strong and worth reading.

\* \* \*

By the way, while I agree with Mr. Gorjian that the *Batman* movie should have been better, one of his stated flaws isn't really a flaw. The idea of bullet-proofing an airplane isn't new. Neither is the idea of armor-piercing bullets, however. The Russians tried both during World War II. In the long run, the bullet wins. Expectations to the contrary have been fueled by films and TV shows such as *Blue Thunder* and *Airwolf*, whose air vehicles are invincible due to writer fiat, not engineering. The Joker's gun looked quite capable of firing a 50 caliber depleted uranium bullet at, say, 2000 feet per second. You can either put enough armor on a plane to stop that, or you can fly. You can't easily do both. Besides, the Joker cheats...

## THE CALIFORNIA TECH

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### ASCIT FRIDAY NIGHT MOVIE



THE  
BLUES  
BROTHERS

With: *The Wizard of Speed and Time*

Baxter Lecture Hall 7:30 & 10:00 p.m.  
\$1 for ASCIT members \$1.50 for others

Next Week: *Bambi*

# Movie Beat With Varoujan Gorjian

by Varoujan Gorjian

Usually I would not be writing another article so quickly but I have to update those who are interested in all the things that happened during the summer. But... this just in... the sequel to *Die Hard* is no longer going to be named *Die Harder* (whew!) but is going to be named *Die Hard II: The Taking of Los Angeles International Airport*. First and foremost, since Hollywood can't kick the habit, I must talk about the never-ending string of sequels.

*Robocop II* is now filming for release sometime next summer. Peter Weller reprises his role of the cyborg crimefighter, but this time around it is not directed by Paul Verhoeven but by the director of *The Empire Strikes Back*, Irvin Kirshner.

The sequel to *Batman* is having some problems, though. The director, Tim Burton, has said that he will not direct another one and Michael Keaton has not yet signed for the sequel. As for who the villain would be, there are two prime candidates: The Penguin and Two-Face.

The part of Two-Face will

eventually be played by Billy Dee Williams, since it is District Attorney Harvey Dent who becomes Two-Face, and Williams played that part in *Batman*. The decision to make Harvey Dent into Two-Face in the first sequel has not been made, thus if the villain is chosen to be The Penguin, the most likely candidate seems to be Danny DeVito.

There is a third villain which might be used: Catwoman. The prime candidates for that part seem to be Cher or Madonna, but may yet go to someone with two names.

Talking about comic books come to life, there is a *Captain America* movie which just finished shooting around L.A., Alaska and, believe it or not, Yugoslavia. The actor portraying the Captain is Matt Salinger, a relative unknown except for the fact that he is the son of the legendary author of *Catcher in the Rye*, J.D. Salinger. Scott Paulin plays that dastardly villain, the Red Skull. The release date is sometime in the spring.

Moving onto movies which are stuck in legal problems, the first to come to mind is the sequel to *Bridge on the River Kwai*, called

*Return to the River Kwai*. This sequel stars that all-favorite starship helmsman, George Takei. Though the movie was released elsewhere in the world, it has not been released in America because there is a threat of litigation over the use of the words "River Kwai."

The story picks up where David Lean's classic left off. The Japanese close the camp and transfer the prisoners to work in labor camps in Japan. During the journey several prisoners try to escape. Takei plays the part of the ruthless Lt. Tanaka, whose job it is to see that the prisoners are delivered safely.

"I like to stretch and play interesting characters," says Takei. "*Star Trek* hasn't really given me that opportunity, *River Kwai* did." Asked about how he felt about portraying the character of Tanaka, Takei responded, "When I first got the script, I was tantalized, but it forced me to make a decision. I've been very vocal in Hollywood on the importance of minorities being depicted accurately and honestly. Because we're seen so infrequently, and because when we are seen, it's too often in stereotypical roles. So I had to really consider accept-

ing the part. Tanaka is really a rough guy."

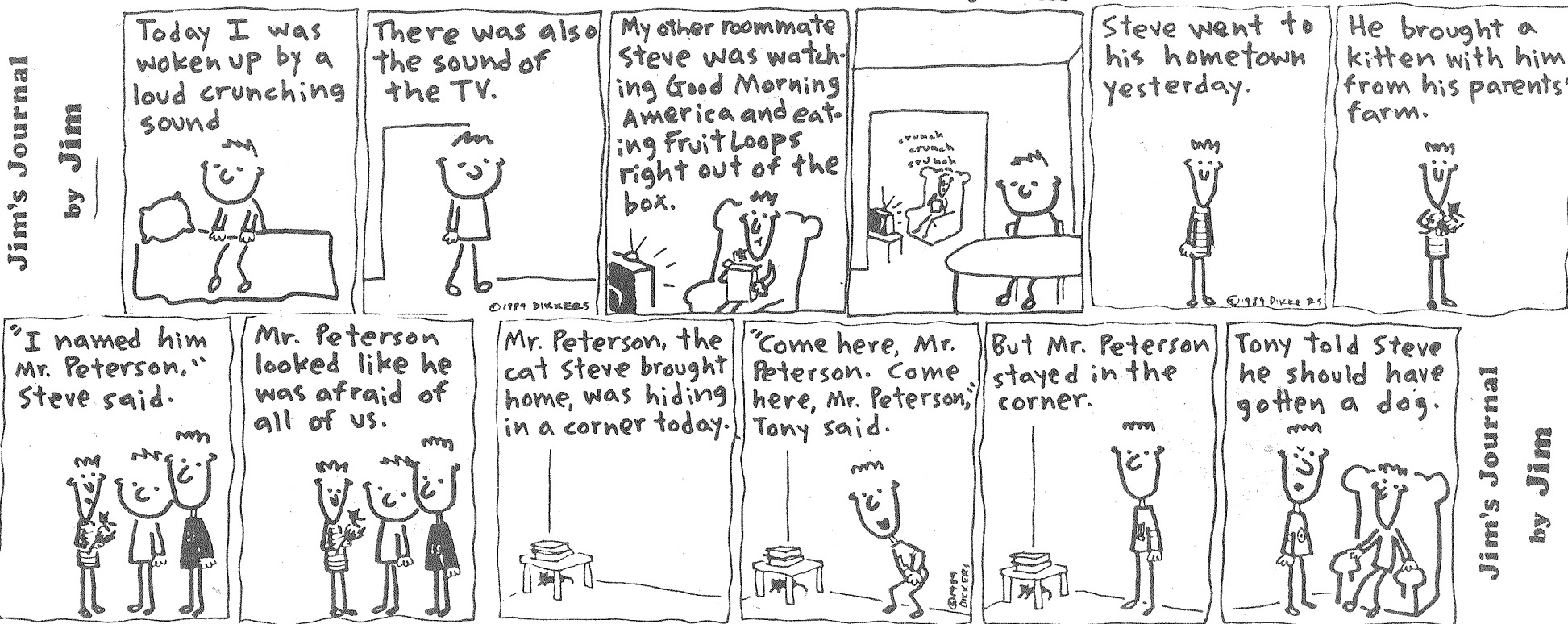
"My image is that of a heroic character from *Star Trek*. Should I tarnish that? I felt I had to take the risk, that I needed to do this role. The character is truthful. He existed. He represents the kind of behavior the Japanese militarists were guilty of in Singapore and Manila. Very barbaric. It would be dishonest and irresponsible to sugarcoat the role. I also felt it was important to point out that the military mindset brings about personalities like Tanaka." (Quoted from *Starlog*, #146)

Another movie stuck in a legal battle is the long-awaited *Punisher* movie. Though it was supposed to be released this summer, the company that made it was sold and so the release date was scrubbed and it might even be released only on videotape. The story is loosely based on the Marvel Comics graphic novel about the Punisher. Starring as the driven vigilante is Dolph Lundgren (Drago from *Rocky IV*). Though many changes were made to the character, Lundgren does at least look like his comic book counterpart.

The movie also stars Lou Gossett, Jr. who plays Frank Castle's police partner before Castle becomes the Punisher and later Gossett is assigned the task of finding out who this Punisher is and bringing him in. This is of course a big change from a Vietnam War background in the comics to a police background in the movie.

Talking about Rocky movies, *Rocky V* will soon go in front of the cameras. The story centers around Rocky Balboa's protegee who turns bad and Rocky has to go back into the ring to fight his own trainee. The director is the same person who directed *Rocky (I)* so the movie will probably be better than *Rocky IV*.

Finally some names of movies coming soon to a theater near you: *Bill and Ted's Excellent Adventure II*, *The Exorcist: 1990*, *Jetsons: The Movie*, *Boris and Natasha* (the villains from the Rocky and Bullwinkle cartoons in their own movie), and *Highlander 1990*. (Yes, this is the sequel to *Highlander*, and Christopher Lambert does reprise his role. Though the movie did not do well in the U.S., it did extremely well in Europe,



## Caltech Y Noon Concert Series

by David Geraghty

This year, the Y will again be presenting the noontime concert series. For those of you who don't know, it's a concert series held every Friday at noon. It's free (obviously) and its held outside the Winnett Center. We will bring back a few of last year's best bands, along with a bunch of new bands. The tentative first term schedule is: Bedshredders, Dread Zeppelin, Badtown Boys, Stonegroove, the Mr. T Experience, (a folkmusic society group), the Lawn Boys, and the Caltech Jazz Band.

There will be two new twists to the series this year. Lunch will be served outside on the Page lawn. And once a month (hopefully, depending on your response) we will be co-sponsoring a night concert with the MOSH. The first night concert is Dread Zeppelin on October 13.

David Geraghty, Rich Reid, Brian Fuller, and Alex Densmore will be organizing the concerts, and we would appreciate any feedback.

### 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.

## The Inside World

Fleming

The Man in Red

Attention paid, and respect due  
For one, one alone  
Not the slime without shoe  
Not the dweeb whose snot  
runs down from his nose so profusely  
that you want to grab his neck, scrawny,  
fragile  
twist his head off  
in a burst  
of red.

The whisper echoes  
through the halls and across the lawns  
Disturbing those, uncouth, unclean  
Those who would defile the dignity  
of the small creatures, an unpleasant image  
Reminding me of a cat I had as a child  
Named Lloyd, appropriately enough  
A cat that farted at every opportunity  
Farted so profusely that the stench

forced us to throw it outside,  
where finally, it ran into the street  
only to be hit by a Ford Fairmont Sta-  
tionwagon  
We got a new cat,  
but I will never forget  
the splash  
of red.

At last, our man appears  
and makes himself seen  
And though the geeks  
may shudder and cower  
Our man will toss them  
in the shower  
The Man  
in Red

Ruthlessly kicking the crap out of those  
piece-of-shit dorks who really piss me off.  
-Steven G. Clinard  
Poet Laureate

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-Siskel & Ebert

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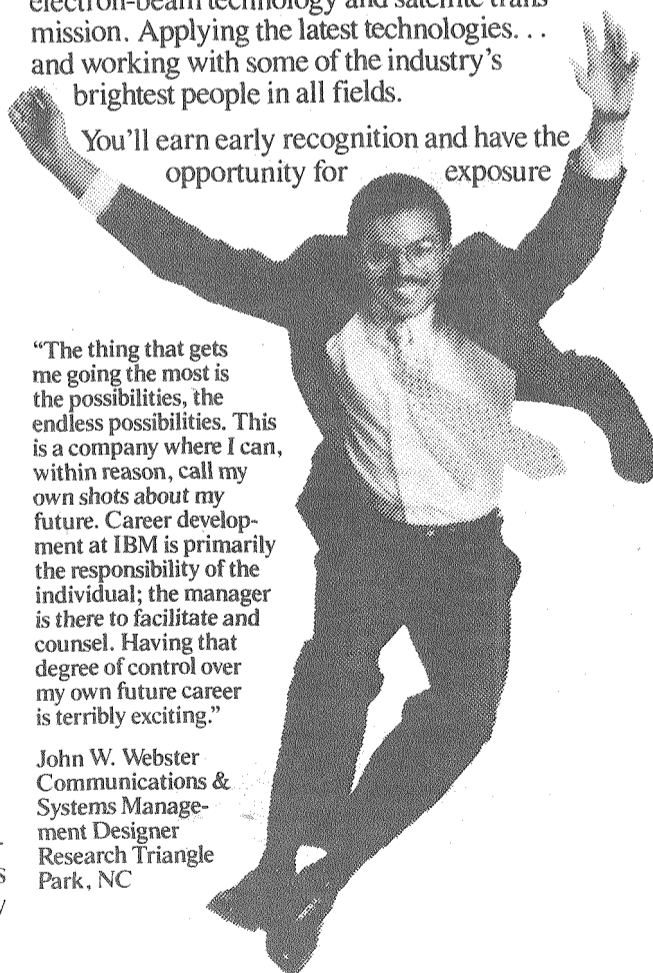
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Communications &  
Systems Management  
Designer  
Research Triangle  
Park, NC



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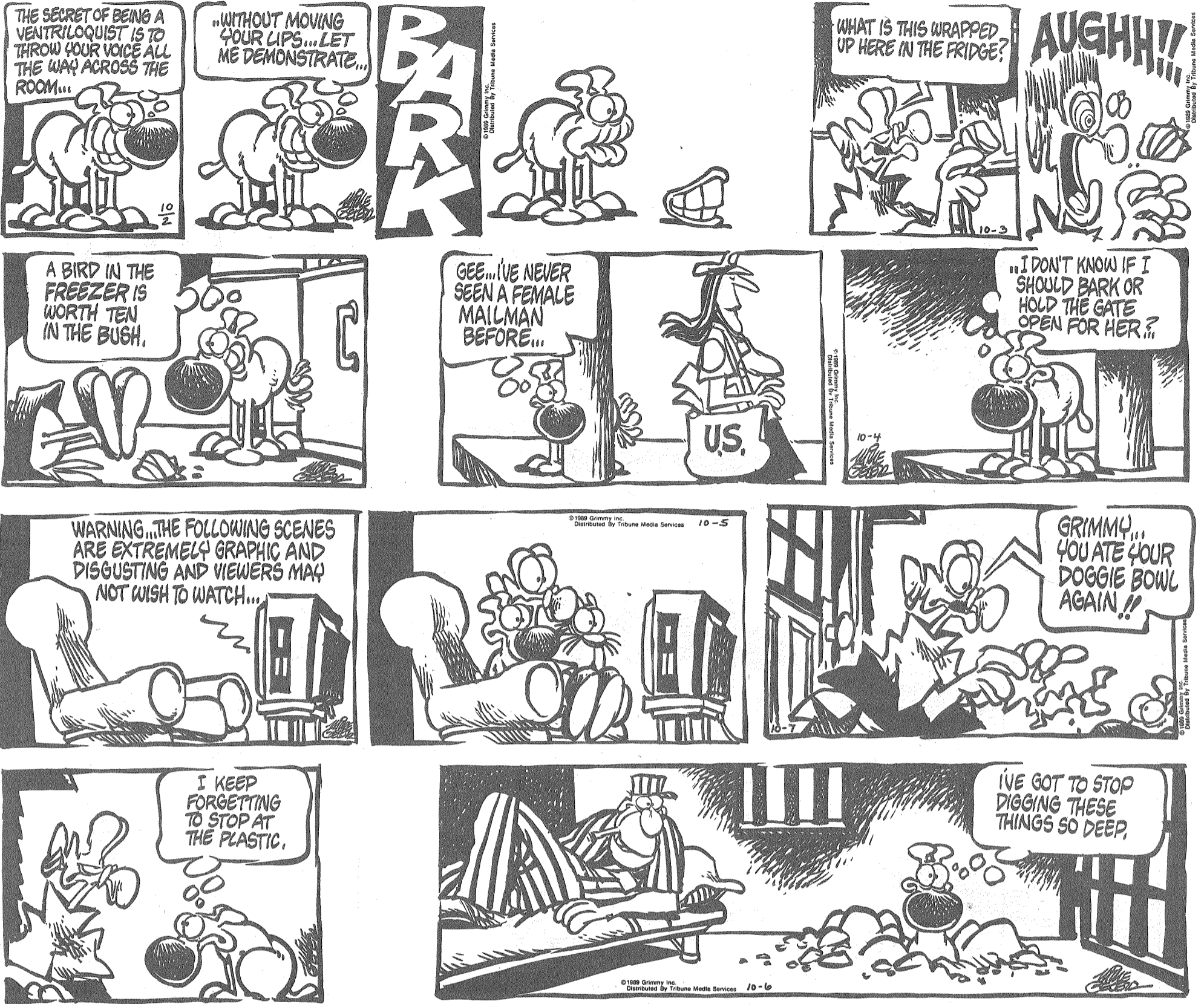
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Advisory Systems Engineer, Owego, NY

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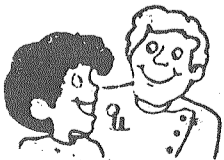
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Scott Kister (8-3)	Caltech	USC	Tennessee	Auburn	Alabama	Clemson	Florida State	Ohio State	Texas A&M	Washington St.	Michigan St.
Mark Lyttle (7-4)	Caltech	USC	Georgia	Auburn	Alabama	Clemson	Florida State	Illinois	Texas Tech	Oregon	Iowa
Paul Socolow (7-4)	Caltech	USC	Tennessee	Auburn	Alabama	Clemson	Syracuse	Illinois	Texas A&M	Oregon	Michigan St.



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ASCIT MINI MINUTES

Present: Bappa, Pam, Gary, Mike, Jason, Rich Marty, Curt, Mark, Dwight, Scott, Paul, Jerry, Schamu, Fred, Steve, Carl, Rob Whiteley

10:36

**CLUE:** Where's the CLUE? Bappa says it will be out next Monday.

**Big T:** Josten's has been calling Jerry all summer about the yearbook situation. He's sick of it. Jerry tells Curt to give Josten's a call. Curt somewhat agrees saying, "We can't owe them much more than \$30,000." Regarding this year's yearbook and the lack of advertising, Curt says ASCIT owes either \$4,000, \$4,500, or \$12,000 and the *Big T* has around \$3,500 on hand. The BOD votes (8-0-0) to pay the damn editors their salary while waiting to pay the business managers until the job is totally completed.

**John Raguin Note:** Dwight is wearing a Cornell cap.

**BOC Talks:** Jerry needs money for munchies at the BOC talks. Rich agrees saying that it is sort of ASCIT's raison d'être.

**Miscellaneous Stuff:** I heard all the people on the Y Board are crazy. Geraghty is going to come ask for money for Mudeo. Make the Court of Man into the Court of Mud? The copier is eight cents, people have been complaining a lot, but the BOD thinks it is the best solution.

**ASCIT Van:** The Korean Club got a parking ticket early in the summer with the ASCIT van. Now its over \$100 and Harkness doesn't want to have to charge Dave Park for it. He just wants to deduct it from the Korean Club budget for the year. Marty wakes up and mumbles something about his many problems at ASCIT van dude.

**Jam Room:** The person who ASCIT didn't want in the Jam Room found a staff member and so now he jams. The president of the Jam Room has graduated. Todd says, "No problem, they just jam."

**GLEE CLUB**

by Craig Volden

The bright yellow signs are coming down. Women's Glee Club tryouts and voice placement sessions are over. But it's never to late to join. So, here are the top ten reasons you should join:

10. Caltech is supposed to be fun. With Glee Club it is!

9. You didn't meet enough people during Rotation. Glee Club introduces you to undergrads, grad students, and Caltech staff.

8. The people you met at Rotation were boring. All the interesting people were at Glee Club practice (only three hours per week).

7. You can never have enough PA credits (only three units per term).

6. You can't sing. Free voice lessons will help you out.

5. You have too much homework. Glee Club gives a much-needed, constructive break from classes.

4. Christmas! The Christmas concert will feature parts of Handel's "Messiah".

3. Escape from men.

2. BEACH! The spring tour will make stops up along the California coast.

1. You're fat! Recruiting for Women's Glee Club is not over until the fat lady sings, so...

Contact Monica Hubbard at x6260, or in SAC Room 1 for more details.

**The Inside World**

This Week's *Inside World* was written by:  
**Blacker:** Walker Aumann, Noam Bernstein  
**Dabney:** David A. Edwards  
**Fleming:** Steven G. Clinard  
**150 S. Chester:** Chris Campo

Blacker 1 2 1 4  
 Dabney 2 3 2 7  
 Fleming 0 0 3 3  
 Lloyd 3 0 0 3  
 Page 0 1 0 1  
 Ruddock 0 4 0 4  
 Ricketts 0 0 0 0  
 150 Chester 0 5 4 9

**Dabney**

Everybody has been complaining that I haven't been doing enough Darbashing in the Inside World lately. Well, I was trying to be nice so that the freshmen would like us. However, now that the freshmen filled out the 1989 Rotation New Student "Prefence" forms (nice going, Marty), they have no escape until December and I can go back to my old normal self. However, with all the stress of Rotation and moving, this is going to be really confused. But in literature, we call that a

**Stream-of-Consciousness Inside World**

Frosh picks were great. Dean once again proved his capacity to make a computer malfunction simply by standing near it. It's your incredible gyra—I mean vibrations, Dean. Demonstrating his presidential potential, Dean couldn't find the key to his computer and had to dismantle his bed in order to take it to picks. Of course, that wasn't too difficult since it was about to collapse from the strain anyway. Which reminds me— anyone who entered the "Big Pool": Bo and I won. Don't listen to Jon—he really said November. Anyone who wants to get in the next "Big Pool" should come see me in my new abode—room 39. Don't worry if the smoke alarm goes off in room 39 like it did in room 19 last week: we don't smoke after, but we often smoke during.

We picked Keer's Tin and Mags to keep all of our nudity in-house. Perhaps we can start a new Dabney House tradition along the lines of PCDE. The Phlegms are really uptight, though. The four Darbs were just trying to give them a demonstration of comparative human anatomy (as opposed to sheep anatomy). Erich also wanted to show off his brand-new secondary sex characteristics which he was able to buy last week. From all indications, Keer's Tin seemed to be quite impressed.

Due to the overzealousness of Riki and Brad and the quietness of Roy and Keith (who?), donations are now being taken in room 18 for the "Normalize the Frosh" Fund. Proceeds will be used by Dr. Staats to prescribe and administer the proper medication to the frosh to make them alert and semi-interesting without being bubbly or "actively boring", to use Rahul's phrase. Quaaludes for the first two and speed for the second two, Erik.

Room 35 is under a virtual state of siege. The Minnesota Twins keep the front door covered, and Carlos sneaks around through Erik's and Keer's Tin's room to keep the sleeping porch exit covered. Of course, Carlos has also been busy rearranging all the frosh's furniture to maximize "effective space." Definition of "effective space": the distance any female frosh keeps away from Carlos. Benture (rhymes with Denture) is now upset that the honeymoon of "Benture's more than just a cat" is over. Since Carlos seems to be unwilling to take responsibility for his cat's actions, Benture will be auctioned off this weekend. Proceeds will go to the "Normalize the Frosh" Fund. Everyone come out and participate—a cat skin makes a lovely addition to any wall (Rus will be more than happy to skin it for you, since there is more than one way to skin a cat, and Trusty looks like he's tired of Alpo).

The roompick on Monday went relatively smoothly (only thirty minutes?). Maybe all the planning beforehand did pay off. Attention, people living in rooms 7 and 8: unbeknownst to you, just on the other side of your north wall sits a blonde woman, stethoscope to the wall and pencil to the note pad. All the boring stuff goes into her dissertation, and the interesting stuff goes to me. Of course, there may be certain advantages. Rumor from rooms 7 and 21 states that Reneau often walks around the apartment rather scantily clad.

Tracy moved on campus because he needed more alibis. Ever since the attack of the "Mad Masturbation Duo" during the past few weeks, Mr. Fu has been one of the prime suspects because of his radical masturbationist views. Since Mr. Fu had no alibis for the previous incidents, he is in the hopes that living on campus will provide him with some sort of credible proof of his innocence. Chris T. moved off campus to save one of the most annoying people on earth from getting screwed. You're great, Chris. But you get the advantage of being able to go off board. Do it, Chris. Your body will thank you for it.

A warm welcome goes to Rachel for escaping the horrors of Northeast Dabney to come home where she belongs. Maybe her arrival on the scene will finally dispel the reputation that room 23 has for being a center of sexual ineptitude.

With the return of Ivar and Rahul to Caltech, the Library Crowd has firmly reestablished itself. Juggling classes begin every evening after dinner. Though Ivar seems to have taken Gaby under his special tutelage, she has almost perfected the Mahajan technique of juggling and being amusingly obnoxious at the same time. Gaby's presence in the house is living proof of the fact that threatening the president of a house with bodily harm can influence a president's picking decisions. Of course, it just may be the fact that Jon is a wimp, as the ExComm Scheduling Fiasco showed. At least the ExComm Meeting gave us another chance to face the Pizza That Would Not Die.

Any frosh who want computers should go see Charles—if you can find him. Rumor has it that since Professor Stevenson has been promoted to chair the Division of Geological and Planetary Sciences, the search for a new instructor for AMa 95b and c has stopped with Charles, since no one else wants to take the job. Of course, can the Applied Mathematics department really cope with an instructor in bare feet?

Answer to Super Trivia of the Week: 23rd for the original, 24th for the new. Why haven't any of the frosh asked why the aluminum collar is on the palm tree or why the condom is on the lamp outside Alley 3?

—Darbore the Course

**Blacker**

In the past, this was the Inside World, although this may or may not... wait a minute, Rotation is over! Over and done with until next year. And of course with the end of Rotation comes the traditional unleashing of the herd o' the Evil Red Empire, Phlegming. Personal message to the Evil Fascist Dictator of Phlegming from Mother Celina: "Matt, Ian, and I spent hours slaving over many hot stoves to bake enough cookies to feed a herd o' shee... phlegms. They even had red gummi worms on top for our slimy friends(?) to the Northwest. But I guess the blundering herd is blind. After all, how else can one explain such an affront to our gracious hospitality. Oh well, all the more for us out at HOM."

**Blacker Hovse's Three Laws of Froshdom**

Law 1: A frosh must never harm an upperclassman, or through inaction allow an upperclassman to be harmed.

Law 2: A frosh must always obey the orders of an upperclassman unless those orders conflict with the First Law.

Law 3: A frosh must always protect itself from harm unless doing so conflicts with the First or Second Laws.

After such an antisocial event, the only thing more antisocial to do is to have a roompick. Everyone bring your favorite instrument of throat-cutting. So far, the only obvious casualty from roompick has been Bill Chan, who, for sedition against the Church and Hovse of Blacker, TTBOAI, was sentenced to Hell. Hopefully the frosh will find him a new CD before they all go mad. Eastwick seems to have reverted to its former identity of Pub with the loss of a brunette. Who is that in room 5 now? I've never heard that name before in my life. Oh, why didn't you say it was her boyfriend in the first place?

The War of Rose Villa has ended is a massive retreat, with most of both sides falling back to Blacker Hovse. Rose Villa is currently making its stand in 16, while the resistance is pacified in Vatican. The war appears to have been a draw with heavy casualties on both sides: they're back on board now.

Squash is a fine vegetable. They're all fine vegetables. In fact, some of my best friends are squash.

We'd like to apologize to Javier Mora for some mistakes that were made in last week's inside world. It has come to our attention that Javier does in fact clean our new tables with lemon oil. We would also like to thank him for bringing up our old tables so we could eat outside during rotation.

**IHC Mini-Minutes**

Present: Jack, Dwight, Marty, Kent, John, Duppy, Todd, Louis, Sue, Paul.

Meeting opens at 7:42.

Marty Thanks everyone for a smooth Rotation.

Meeting time is changed to Monday at 7:30.

Fleming Caroling: Complaints about early start. Kent talks about soap in Ricketts which was potentially dangerous. Louis says personally responsible was "executed".

Flem frosh and taskmaster broke a Lloyd lounge chair when they took it. Custodians are going to charge Fleming for the repairs.

Complaints about Housing Office arise (\$87 to repair a hole in a screen), and Sue says if there are any problems with damage bills, talk to Housing and then with the MOSH.

Dave Geraghty walks in.

Interhouse is Nov. 18. New policy: SE corner of campus will become an "armed enclave," with fences

surrounding the Houses. Talk about how we are trapped if we let psychos in. Louis wants input about alcohol, advertisement, and entrance policy. Suggestions are that people with college IDs, special invitations (which the IHC would produce and distribute to the social teams), or their names on a guest list can get in. There is a problem with serving mixed drinks to faculty, staff, and JPL people and how to collect money (Louis will look into the legal problems). Todd wants different security this year. Decisions will be made at a later date.

Lunch will be on Page lawn Friday to coincide with the noon concert.

Louis reminds people to stay off the roofs "\$40,000 divided by 900 students is a lot of six-packs."

North House Presidents are reminded that the fire doors are to stay up.

E-House: Louis says there will definitely be another UG housing structure built. Planning has yet to be done, so students can have an impact on what form it will take.

Chairs are missing from the SAC. Return them.

Meeting ended at 8:55.

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# The Inside World

150 S. Chester

## Chris is Pissed

I'd thought I was going to have a peaceful week in which my rage would not have to be vented, but no. The words I heard a frosh utter the other day had to come along and ruin my week: "Yeah Dr. Apostol is a really cool prof!" No, bud, he is not "really cool."

I remember when I had math with Apostol frosh year. Every time I went into that classroom, I just sat and steamed over how full of himself this guy actually was. He was teaching us mathematics as it should be taught, his way. Well, if you ask me, his way is pretty fucked up. For starters, get a load of that rag he wrote and had the gall to call a calculus text. I mean the guy has got to be pretty screwed up if he's teaching integration BEFORE differentiation! Also, why doesn't his book, an "introductory and complete calculus reference," have any integral tables in it? I don't know about your friends, but whenever my friends need to look something up in a calculus book, they'll ask, "Hey Chris, have you got a calculus book in your room I can look something up in?" "Well, I've got a Tommy." "No, I mean a real calculus book!" Who uses this worthless piece of firewood? Well, I shouldn't say worthless. I heard its selling for the bargain price of \$73 in the bookstore. The only useful aspect of the book is that it will make a nice target to torch if the Flems decide to have a flame thrower at Interhouse again this year.

As for the dude who wrote it, I have never seen a more egotistical windbag in my life. When someone tries to correct him in class, he will usually respond

# The Inside World

to their raised hand with a look that says, "You dare question the God of Mathematics, Tom Apostol?"

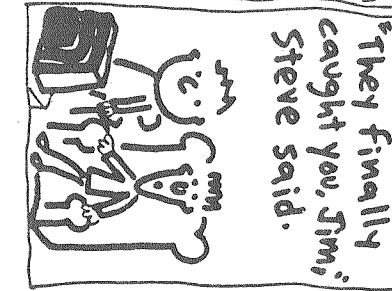
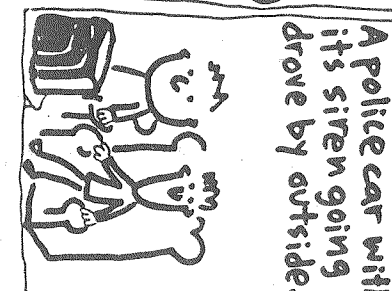
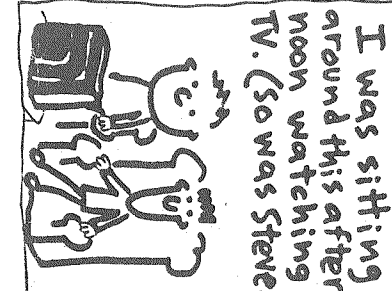
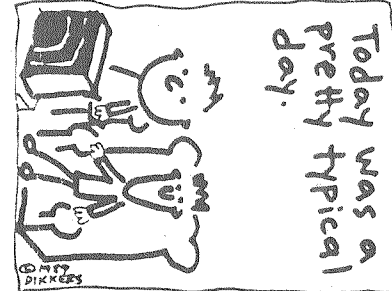
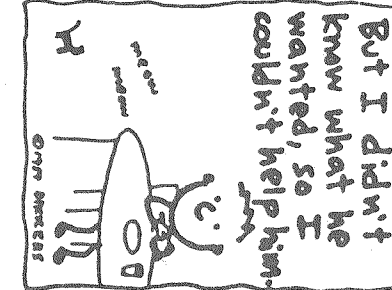
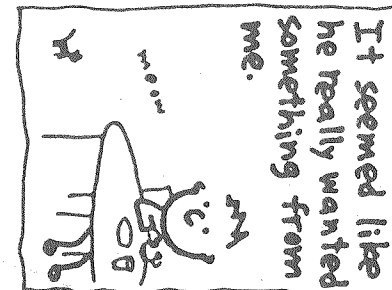
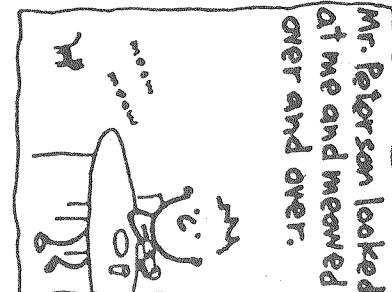
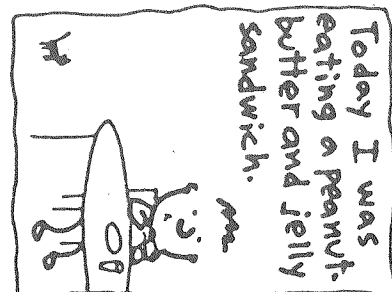
A robot could teach his class. I mean the guy lectures out of the notes he's been using for the past 20 years! Once I looked at an old notebook in Dabney House library from Apostol's class, dated 1973. The notes in it were word for word, VERBATIM, identical to my notes. Why don't you frosh all save yourself some trouble by avoiding the windbag; don't bother going to class. Instead, find an upperclassmen and copy his notes. If you can't find anyone who hasn't already thrown their notes away, you can reference the 1973 notebook in Dabney House. It's exactly what you'll see in Tommy's class today!

Everyday, this dude comes into class and does the same thing. Like some kind of robot, he walks in and begins erasing the boards, one by one. Even if there isn't any writing on the boards, he erases them. I guess when you do the same thing for twenty years, you just begin to do it like a mindless zombie. After erasing the boards, Apostol reaches into his shirt pocket, withdraws his wallet, and places it on the desk in front of him. He next removes his watch, placing it on the desk, and begins a monotonous drawl of bore, which last for an hour. Am I right? Just watch him, frosh, and he'll perform these same actions day after day after day. Also he wears the SAME CLOTHES EVERYDAY. The white and blue striped shirt and the blue trousers! EVERYDAY.

Almost worse than Apostol are the mental cases who gleefully adore him. They sit in class with goofy smiles on their faces, listening to their hero preach to them. They clap with glee everytime Tommy makes a sad attempt at humor, or mutter, "Gee, isn't Dr. Apostol great!" everytime he introduces a new concept. Sorry, misguided assholes.

I think that Caltech should give Tommy a new job—one he's actually good at. Tommy can go from classroom to classroom and erase blackboards.

## Jim's Journal



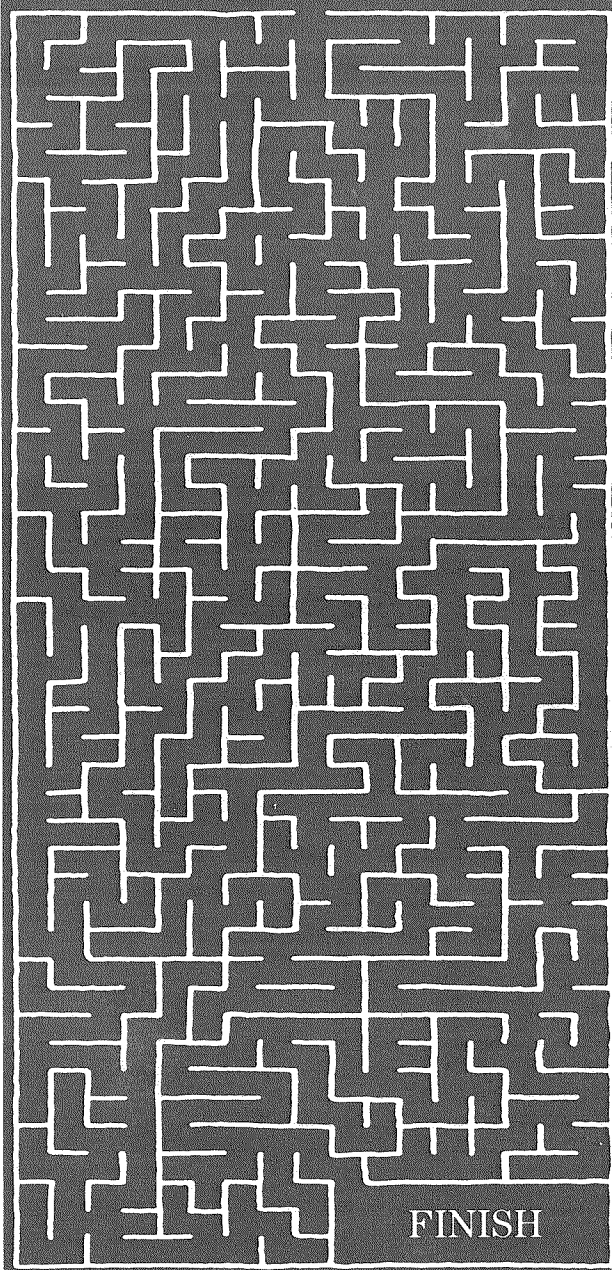
### Putnam Exams

The William Lowell Putnam Mathematical Competition will be held this year on Saturday, December 2. Please sign up quickly, in Sloan, if you wish to take it. As usual, we hope many participants will enjoy a day of math problems and donuts.

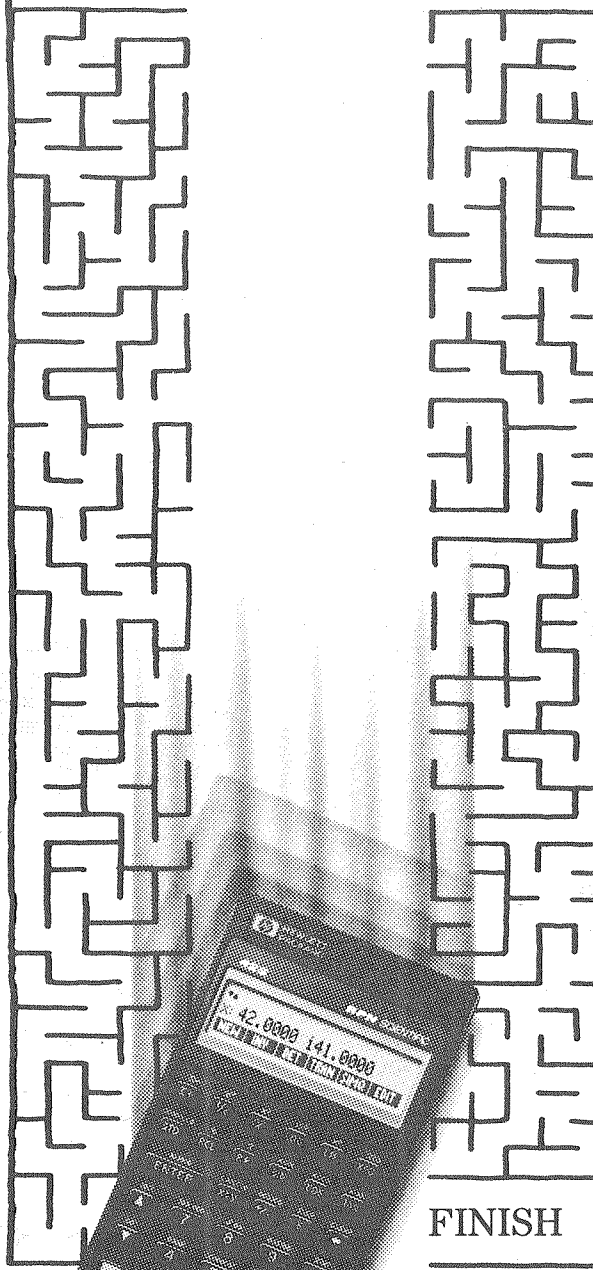
### Poetry Contest

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.

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**Soccer, Anyone?**

GSC Soccer is starting again this year. If you are interested in joining a team or forming your own team, please contact the Athletic Director, Dan Bridges, at x6146. Play will be in two divisions: A League, for advanced players, and B League for beginner-intermediates.

**See The Shuttle Land**

Caltech SEDS (Students for the Exploration and Development of Space) will be organizing a trip to Edwards Air Force Base to see the shuttle land. If all goes well, the shuttle will land Tuesday, October 17 in the afternoon. We are planning on leaving Tuesday morning. If you are interested in attending, you must attend the organizational on Monday, October 16 at 7:30pm in Clubroom 15 in the SAC or contact Sonny before the meeting. Members and non-members are welcome. For more info, contact Sonny Arcilla (1-57 or 577-4423) by October 15.

**Eating Awareness Group**

One year after low calorie dieting, 50% of dieters have gained the pounds back; after three years, 90% are back to their original weight. Approximately 75% of American women believe they are overweight, including 45% of underweight women, and the statistics on men are growing closer each year. Young adults are several pounds heavier than their 1960's counterparts, though the cultural/media ideals have gotten thinner. Something has become distorted in America's body image, and that something is causing emotional and physical anguish for millions of people.

For those persons dissatisfied with their weight, Dr. Jon Pedersen is offering an "Eating Awareness Group"—not necessarily for weight loss, however, but to discuss the many confusing and mythical issues that shape our body images. Topics will include: Nutrition; Exercise; Social/Media Values; Psychological Influences; Eating Patterns; Body Awareness; Relaxation; Deciphering Food Labels; and Theories of Weight Gain/Loss. Articles, videos and short lectures will be used in this low-pressure discussion setting.

The group will meet in 7 weekly sessions from Oct. 13 to December 1, on Fridays from 12:00 noon to 1:30 pm; open to all students, but limited to 15 people. If you are interested, please contact the Counseling Service at 356-8331.

**Waiters/Managers Needed**

Looking for a job? The Caltech Coffeehouse has plenty of openings. See Jeanine Conneally in the Student Activities Center, Room 64. Note: Due to staff shortage, the coffeehouse may not have regular hours unless we can resolve this matter soon.

**Relaxation & Stress Workshop**

Over five weekly one-hour sessions, Dr. Jon Pedersen will teach interested students a variety of relaxation techniques aimed at the management of daily stress. The workshop will include some video and lecture material but will primarily consist of individual exercises in relaxation techniques including muscle tension, imagery, passive and active concentration, and an introduction to non-mystical meditation. The focus of the workshop will be on practical methods for everyday use, which can be learned quickly with daily practice.

The workshop will begin on Wednesday, 18 October, from 5:00 to 6:00 pm and will continue for the next four Wednesdays. If you are interested, please contact the Counseling Center at 356-8331.

**InterVarsity Christian Fellowship**

The Inter Varsity Christian Fellowship (I.V.C.F.) will have its first Fellowship meeting on Friday, Oct. 6 at 7:00 pm in Millikan Board Room (overlooking the pond). Come and learn more about IVCF and enjoy praising God and meeting other Christians on campus. For more information about IVCF, contact Scot Wolfe at 229 Ruddock (578-9923).

**Mark Taper Forum Scholarships**

The Mark Taper Forum Theater in the Music Center complex is offering 10 students the opportunity to have free season tickets for their 1989-90 theater season. If you are interested please submit your name to the Deans' Office, 102 Parsons-Gates, by October 13, 1989.

**Cult Science Fiction**

The Caltech Science Fiction Club would like to extend invitations to everyone to attend its first meeting of the new school year. This grand event will take place on Saturday, Oct. 7 at 8:30 pm at the Catalina III graduate housing rec. room. After a brief introduction to the club, we plan to start the evening with a showing of *Pink Floyd: The Wall* followed by *Heavy Metal* and *The Rocky Horror Picture Show*. A more thorough introduction to the club and its activities will be given at our second meeting (to be announced). Hope to see you Saturday. For more information, please don't hesitate to contact Eric C. Johnson at 564-8949. Be seeing you...

**The Society of Physics Students**

Our first meeting is Sunday, Oct. 8 at 4 pm in Winnett Lounge. We will show Feynman's introductory lecture to Q.E.D. and have free food. Frosh are especially invited.

**Bluegrass In Winnett**

On Saturday, October 14 at 8:00 pm in Winnett Lounge, the Phil Salazar Band will be in concert, part of the Caltech Folk Music Society series. Tickets are \$8.00, but only \$4.00 for Caltech students. Call x4652 for reservations. There should be tickets available at the door, though, if you can't decide until the last minute.

**Folk Dancing**

Come discover new worlds and cultures through folkdancing. Our Beginners' Night will be this Tuesday, Oct. 10. Everyone always welcome in Dabney Lounge, 7:30 pm. No partner or experience needed. Free.

**Jazz Improv Class**

You are invited to attend a class in Jazz Improvisation, to be held here at Caltech. The first class will be on Saturday, October 7 at 10:30 am in Rm. 11 of the SAC. There will be a fee of \$50 for the first term, which includes your materials. The class is taught by bassist Lou Shoch, who has performed with Lou Rawls, Barry Manilow, etc. All levels of experience are welcome. For further information call Bill Bing at (213) 684-8964 or Lou Shoch at (818) 761-0092.

**Mechanical Universe**

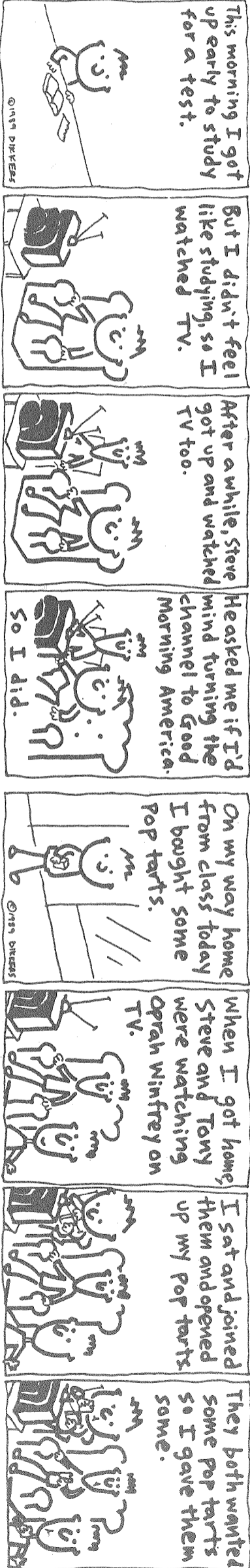
Watch *The Mechanical Universe* every Tuesday from 10 pm to midnight and every Thursday from 9 pm to midnight at the Y Lounge, upstairs in Winnett. Freshmen, upperclassmen, grads and faculty are welcome. Refreshments will be provided.

**Hillel Happenings**

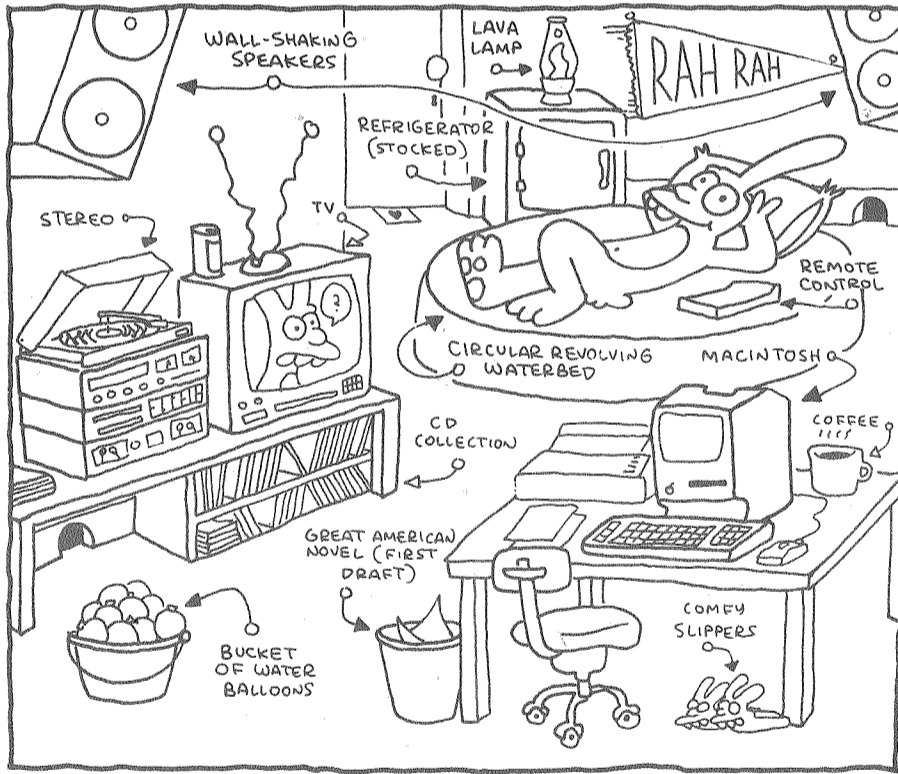
Join us on Sunday, Oct. 8 for the first hike of the year. Bring good walking shoes, a packed lunch and a love for the outdoors. Meet at the parking lot behind Winnett at 10:00 am. Bring along some water.

On Monday, Oct. 9, share Yom Kippur services with the Caltech Jewish community. Rabbi Michael Perelmutter leads our services in Dabney Lounge, starting at 10 am.

On Wednesday, Oct. 11, spend a challenging evening studying with other Jews. Delve into Jewish sources, discuss various viewpoints. We hope to make the study group meaningful for all levels of study. Come to the Red Door Cafe from 7:30-9:00 pm, and plan to be surprised.



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# W

## ould You Like to Add Anything?

There are opportunities to work with our teams in Applications, Operating Systems, Networking and Multimedia. If you are about to graduate or are working towards a Bachelor's or Master's degree in Computer Science, Electrical Engineering, Math, Physics, or related technical degree, then we want to hear about your microcomputer programming experience, design skills, and/or exposure to managing projects.

Microsoft will be interviewing on campus for Software Design Engineers and Program Managers on

**November 10**

See your Career Planning and Placement Office for more details.

We will be interviewing for full-time positions, but we will return to CalTech to interview for internships in February.

"A lot of my friends went into aerospace engineering in the LA area. Now they fight the commute every day to work in a cubicle with either a terminal, a five-year-old PC, or nothing at all. I drive to Microsoft along Lake Sammamish, through the woods from the house I just bought.

"Microsoft demonstrates every day that its people are its most valued resource. Developers are given a comfortable working environment, with all the tools and freedom needed to produce their best work, as well as a campus that supplements the life of a developer. The campus is beautifully landscaped, with a basketball court (volleyball soon), foosball tables, kitchens in all the buildings and cafeterias in most. It seems that one could live at work. But because the Seattle area is so beautiful and affordable, you don't want to."

*George Pitt, Software Design Engineer  
CalTech, MSEE '89, Math '84*

"I like the fact that at Microsoft I am treated like an adult. I am given a job, and it is expected that it will get done.

"My job this summer wasn't easy, which is good. I was working on fixing bugs found in the Mouse 7.0 driver which just shipped. I was surprised to learn that I would be able to apply so much of what I'd learned in school — like the Mouze-Nukles method of partial separation.

"It's a really intense, challenging environment, but it's also a lot of fun."

*Matt Giger, Software Design Intern  
CalTech, Computer Science '90*

"Imagine what would happen if the CalTech CS majors formed a company. You'd end up with something akin to Microsoft — casual dress, casual hours, casual environment."

*Mike Rozak, Software Design Intern  
CalTech, Computer Science '90*

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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.

### Big T Info!!!

The 1989 Big T's 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.

### 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 9th film is *The Story of Alexander Graham Bell* (U.S., 1939). Don Ameche played Alexander Graham Bell so well that in 1939 people like your grandmother called the telephone "The Ameche". *The Story of Alexander Graham Bell* made inventing heroic again, and loosed an avalanche of bio-pics during the 1940s. The bio-pic *Arnold O. Beckman: The Man Behind the Machines* (1989) will be shown first.

### D.R.U.G. Bust

The Dark Room Users' Group will meet on Saturday, 7 Oct. 89 at 1:00 pm in the Darkroom, Rm. 39 SAC. If you want a voice in dues and policy for this year, be there. For more info, call Mark Looper at 304-0006.

### Rape Treatment Group

A series of free treatment groups are available to women who are survivors of any variety of rape. These eight-week groups include self-defense and psychotherapy groups, led by experienced, trained women professionals. For more information, call Mary Peretz, M.A., at (213) 836-6978.

### Chamber Music Concert

The Almont Ensemble will open the Dabney Lounge Chamber Music Series on Sunday, Oct. 15 at 3:30 pm. Members of the ensemble include clarinetist Al Rice, violinist Cynthia Fogg, cellist Tom Flaherty and pianist Charlotte Zelka.

Included on their program will be Brahms' Trio for piano, clarinet and cello, Piston's Duo for viola and cello; Mozart's Trio K. 498 for clarinet, viola and piano (Kegelstatt); and Kaminsky's Quartet for piano, clarinet, viola and cello.

The Almont Ensemble is the resident chamber ensemble at the Pasadena Conservatory of Music. Formed in 1981, it has performed throughout southern California, specializing in both traditional and contemporary works.

Admission to this concert is open to the public, free of charge, and tickets are not required. Call campus extension 4652 for information.

### AIDS Awareness Month

During the month of October, there will be several events in the Pasadena area related to AIDS Awareness Month. These include:

Oct. 10—a town hall meeting on services provided by AIDS Service Center. 7:30-9:30 pm in the Forum of All Saints Church, 132 N. Euclid Ave.

Oct. 18—Bilingual Teatro, a series of Spanish/English skits from Avance's AIDS Prevention Teatro at the Villa Parke Community Center, 363 E. Villa St.

Oct. 21—Open House from 11 am to 3 pm at the Jackie Robinson Center, by the People's Project & Watts Health Foundation, 1020 N. Fair Oaks.

For those of you with access to cable TV, cable channels 56 and 57 will be presenting various AIDS-related programs during the month.

### Exotic Oriental Pleasures

The Caltech Chinese Student Association cordially invites you to our annual welcoming dinner party. All Caltech members are invited, even if you are not Chinese. Join us at Winnett Lounge tomorrow, October 7th, at 7:00 pm. Come and get to know us. Free Chinese food for all!

### Caltech Gamers

Do you like to play and/or take part in the design of role-playing games, miniatures or board games? Then The Caltech Gamers are a good place to meet people with the same interests. Friday nights at 8:00 pm in Clubroom 1 of Winnett Center, people get together to play games and to arrange for other meeting times. The main game on Fridays is a fantasy role-playing game called *Warlock* (copies available at the meetings) that was designed here over the last 15 years. Other games commonly played include *Champions*, *Nuclear Destruction* and almost anything else. Club members often go to game conventions in the L.A. area, and have helped referee game competitions around California. All welcome, especially beginners who just want to learn.

### Carlos Montoya's Farewell

At age 85, Flamenco guitarist Carlos Montoya is making Beckman Auditorium a stop in his "Farewell American National Tour." His performance on Oct. 14 at 8:00 pm will be his last visit to Caltech.

The art of Flamenco is usually identified with Spain and the Spanish gypsy. For the last 50 years, the art of Flamenco guitar has been associated with Carlos Montoya. Montoya has worked to bring about a world-wide understanding of the music without the enjoyable but distracting vista of singers or dancers.

Montoya began early, and by age 14 (that's around 1918, to put this in perspective for you) had begun to perform publicly, accompanying singers and dancers in cafes. He later played for Antonio de Bilbao, Juan el Estampio, La Camisona and the famous Spanish dancer "La Argentina."

Caltech students can get rush tickets at \$7 each to this event on Friday, Oct. 13. Caltech faculty and staff can buy TECHTIX for \$11.25-10.00-8.75 on that same day. Call x4652 for information.

### Don Shepard Fun Fund

Sign-up sheets for the Don Shepard Fun Fund are now posted at the MOSH Office. 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.

### Korean American Students

The Korean-American Student Association will be having its first meeting this year on Tuesday, October 10th, at 8 pm in Rm. 13, SAC. Free munchies! Everybody is welcome. Contact Dong-su Kim at x8309 or Steve Jun at 578-9562 for more information.

Also, there is a picnic at Puddingstone Reservoir this Saturday the 7th with the graduate students. If interested please contact Dong-Su Kim at x8309 or drop a message at mailcode 1-57.

### 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.

### 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 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 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.

The National Roofing Foundation is pleased to announce the availability of scholarship awards for 1990-91. Full-time undergraduate and graduate students enrolled in architecture, engineering or other curriculum related to the roofing industry are eligible to apply. Deadline is February 1, 1990.

The Society for the Advancement of Material and Process Engineering is offering numerous undergraduate scholarship awards. Engineering students with a minimum 3.3 cumulative GPA are eligible. Deadline is February 1, 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.

### Software Scholarship

The Green Hills Software Corporation has announced the availability of additional one-year \$5,000 Computer Science Scholarships. These scholarships are to be awarded to juniors and seniors with an interest or experience in computer science. To be considered, applicants must have completed a 1989-90 financial aid application and provided all necessary documents. For more information and/or a separate Green Hills Scholarship application, please contact the Financial Aid Office at 515 S. Wilson. The deadline for submitting the scholarship application is October 30, 1989. All eligible juniors and seniors are encouraged to apply.

### 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.

### 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.

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