

# Where have all the Houses Gone?

by Steven Anderson

If you've walked down Holliston lately, you've probably noticed some changes. The houses formerly located at 312 and 328 south Holliston are gone. 360 is up on wheels, and is scheduled to depart next Tuesday. 344 will follow soon.

These houses (for frosh and other unilluminated beings) served as off-campus alleys for Blacker (312), Fleming (328), Lloyd (344), and Dabney (360) undergraduate Houses. All the students living in a given off-campus house were members of the same on-campus House.

Caltech is forever expanding, however, so these houses have to go. The area currently occupied by 312-360 and the Holliston parking lot will be converted into a multi-level parking structure (similar to the one on Wilson) and a satellite central plant. These may sound unexciting in themselves, but physical plant officials describe them as necessary to further construction. Beckman institute stretched the campus steam and chilled water supplies to their limit; before any new buildings are constructed, we need a secondary central plant building to keep the cam-

pus heated and cooled.

Also, the next building slated for construction, the Moore Engineering Laboratory, will occupy what is now part of the Chester parking lot, between and to the north of Beckman Auditorium and the Watson Laboratories. So more parking will be needed, and the new Holliston Parking Structure will satisfy that need.

The major difficulty in removing the houses is that Pasadena law prohibits the destruction of its houses on historical grounds. Rather than destroy them, Caltech has to find them a new home nearby. One house, formerly residing at 312 Holliston (moles know it as "slasher"), has been moved to a vacant Caltech lot at 1221 Arden Road. (The previous structure was destroyed in the 1987 Whittier earthquake.) The other three are being given away to private groups or citizens.

328 South Holliston, formerly a Fleming off-campus alley, was awarded to a private citizen and now resides at 315 Anna Maria Street in Altadena.

344, known as "Corona" to the Lloydies, will probably go to Friendship Baptist Church, located at 80 West Dayton in Pasadena. Work

on the move will start shortly if Friendship can get some modifications approved with the city.

The house at 360, formerly a Dabney off-campus alley, is scheduled to move next Tuesday night, Oct. 22, at midnight. (Pasadena regulations prohibit such large objects from being on the road from 6am till midnight.) It will be awarded to an alum, Robert Coleman of Ruddock (Classes of 74 and 75). He'll be installing it in Altadena, at 510 Royce Street.

The four houses were designed and built in the early twenties by Foss Designing and Building company. Fact sheets briefly describing the history of these or any other Pasadena residences can be found at city hall. I was given a copy of some of the information on 360 by physical plant staff. It has a historic name of "Dawson House", for a Mrs. A. G. Dawson, who lived there from 1923 through WWII. Little else seems notable.

The earliest definite references I could find to 360 as a Tech house were in the late 70's housing rosters and Dabney house lists. It's been Dabney's eighth alley since then. Students who stayed in the house are vocal in their opposition to its

removal. 360 was the closest O/C house to campus, and it was also one off the larger O/C houses, with space for 10 students. One student cited the family feel generated by such houses as a strong reason to keep them.

"I think the thing that bothers me most [about the house removal] is that they consulted the students so little," said Dean Brettle, a Dabney senior. Indeed, not only were the students not consulted, but the decision to remove these houses was handed down to housing, the MOSH, and the deans without any consultation as part of Caltech's master plan for development over the next 25 years. The plan also calls for the eventual removal of the rest of the houses on Holliston, and the expansion of the institute northwards to Del Mar.

The removal of these houses has certainly contributed to this year's housing crunch, though it is not the sole cause. Indeed, the loss was not even all of four houses, since housing was given two new off-campus houses to partially make up for the loss, 275 Chester and 327 Holliston.

Kim West, Director of Residence Life, cited the loss of some off-campus spaces as one of three causes

of the crunch in undergraduate housing. The others are a larger than normal incoming freshman class and an unusually large proportion of continuing students wanting Caltech housing. The crunch is mostly over now. All those who entered normal house room picks or the off-campus lottery last spring were guaranteed housing. These people have all been placed in rooms. Students who were not guaranteed housing include some transfers and students returning from leave. These people form a waiting list for Tech housing. Housing has not yet been made available to all of them. Director West states that she feels a small waiting list is appropriate to keep the vacancy rate from getting too high, and thus prevent housing rates from skyrocketing. She adds that a student, Lanny Boswell, has designed a new database which should simplify the process of finding guaranteed students' housing next year.

So it seems that the quantity of housing is still at an acceptable level, but students will still miss the unique character of each of these houses.

## The Future of Housing

by Khurram Dastgir-Khan

One day last spring, the Olive Walk was transformed from picturesque to Kafkaesque by the appearance of a ShantyTown. Caltech students, seldom short on innovation, had found a novel way to protest the lack of housing space. The aggrieved were large in number. No less than ninety-two students who were guaranteed housing in the spring lottery were booted off-campus, and onto a waiting list, to reserve space for the incoming freshman class and 3/2 students. This reporter, an incoming 3/2, fully bore the brunt of housing shortage by camping on the floor of a friend's single. It was not pleasant.

The severe housing shortage was in part due to confluence of two eventualities. First was the addition of fifteen freshman, and admittance of a larger-than-normal number of 3/2 students and transfers. The second event was the loss of Caltech-owned single family homes on Holliston St. to make way for a parking structure called for in the campus Master Plan finalized in 1989. The end result was loss of 27 undergraduate spaces on Holliston and increase of 29 candidates for housing (fifteen freshmen, twelve 3/2's and two transfers).

According to Kim West, Director of Resident Life, her office started with a guaranteed waiting list of 92 at the start of last summer and, by the evening of September

24, had housed the last two people on the waiting list. The housing pressure was partially relieved in June by the restoration of two houses, 275 and 327 S. Holliston, with total contribution of 14 spaces. As of October 4, thirteen students, most of them transfers, had been added to the waiting list.

A discussion with Ms. West revealed many hidden issues behind the housing crunch. She attributed this year's shortage to an ill-timed overlap between the Master Plan and increase in enrollment. She also criticized the current procedure of the housing lottery in which houses hold many additional spaces for students who end up not attending the Institute at the start of the year. She also stressed the need to totally rethink the lottery procedure and set priorities according to, in her words, "What's fair" criteria, e.g. guaranteed spaces for incoming international transfers which face great problems finding a place to live in a totally unknown environment.

West did confess, however, that this year her office was fully prepared to take emergency measures like renting a hotel floor and assigning temporary triples to house returning students. She also plans to reconvene the Housing Advisory Council, formed last spring, during the Fall semester.

Unfortunately, the near future does not look too promising. Students should prepare to live in a housing

crunch for at least the coming three years. More Caltech residences will be taken off Holliston and there are no concrete plans to build a new student residence. One plan, or more accurately, a vision that is doing the rounds is C-House (C stands for centennial). At present, C-House is little more than one of the goals of the current \$350 million Caltech fund-raising campaign. Some preliminary studies have been done which point towards an addition of 250 spaces at the cost of \$12 million, if and when funds become available. And that is very big IF. According to Gary Lorden, Vice-President for Student Affairs "Even if funds become available tomorrow, it [C-House] will take at least another three years for it to be ready."

Bleak; that is the forecast for housing at Caltech. So you exshanty-dwellers, prepare yourself for the annual happening of the ShantyTown in Spring 1992. Maybe you can take over the Athenaem this year.

## Cobb Named SAC Coordinator

by Kim West

I am pleased to announce that Robert Cobb has accepted our offer to be the new Coordinator of Student Activities. He was chosen from a pool of over 150 applicants.

## New CLUE News

by Debi Tuttle

From some of the comments I've been hearing, it seems like there is still some C.L.U.E.-less (not to mention clueless) undergrads out there. (This means you, FROSH!) Let me take a few minutes to explain a few things.

The C.L.U.E. is a nifty little booklet that contains students' reviews of classes and professors as well as grade statistics; it is absolutely FREE for undergrads. If you're an undergrad (frosh) and don't have one, don't panic. There's one waiting for you in the Dean's Office (in Parsons-Gates). Go get it. If you're a member of the teaching faculty and want to see what your students think of you, don't worry—your C.L.U.E. will be coming to you in the mail in a few weeks. If you're a grad student and you want a C.L.U.E., you're out of luck. You can go to the Dean's Office and look at one, but you can't have one, since copies are limited to undergrads.

Now that we've gotten that out of the way, we can move on to more

interesting things. Undergrads, picture this: You've picked up your C.L.U.E. at registration. You probably flipped straight to the classes you were taking, read the reviews, groaned or rejoiced, closed your C.L.U.E., went home, and threw it in a drawer somewhere, forgotten until next term's pre-reg. But wait! There's MORE! If you looked at the Introduction, you would learn that the grades listed are those of undergrads only. You would also learn that what looks like one review might actually be two or more. And if you looked right after the title page, you would see something called a Student C.L.U.E. Survey. This survey was designed to find out what students thought, liked and disliked about the C.L.U.E. In other words, I want your opinions! The results of the survey will be presented to the ASCIT BOD and given to the next Director for Academic Affairs for consideration/use in the next C.L.U.E. So please (yes I'm begging you), please send in your C.L.U.E. surveys! Thank you.

Robert has Bachelor's degrees from the University of Southern California and the University of Cincinnati and a Master's degree from USC. He comes to Caltech from USC where he was Residence Coordinator for three years and an Area Coordinator for two with the Department of Residential and Greek Life. Robert's responsibilities there included overseeing the Freshman Dean's Hall and a Resident Faculty housing area as well as teaching in

the School of Education. He has a tremendous amount of experience in program planning and development for undergraduate students.

Robert began on October 14th but had the opportunity to join us at Frosh Camp and was on campus for several other activities before officially starting. His office will be in the Student Activities Center and he will be reporting to me. Please join me in welcoming him to Caltech.

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# letters

## Response to "Remedial English Controversy"

Editors:

I would like to respond to Penny Sherman's letter about the Freshman diagnostic examination, published as a front-page article in the *Tech*, 11 October. I co-ordinated the exam this year on behalf of the Humanities Faculty.

As to the "Humanities Division's motivation": the aim of the diagnostic exam is not to handicap or reward incoming students—it is solely intended to identify remediable writing problems at the earliest stage and help put them right before they can cause trouble. Caltech freshman are, as Ms. Sherman is right to point out, extremely intelligent and they improve quickly in any intellectual activity to which

they apply themselves. Many faculty would disagree, however, with the assertion that on arrival Caltech students all write English so well that there is nothing to remedy. The problem is not limited to our institution. There is general concern in American universities that writing standards have either declined or not kept up to the level required to do well in a degree course. All colleges are exercised about this problem, not just Caltech. Our BEC and ESL classes are designed to equip students to excel in their subsequent career at Caltech. It is my impression, as a Humanities teacher, that these courses succeed in their purpose.

There were two questions on this year's diagnostic examination. One was intended to be very informal and to encourage students to express themselves freely. (It is this

question which the *Tech* reproduced). The second question required the student to contrast and analyze two passages of autobiographical writing. It was accompanied by more formal and impersonal instructions to the student. One of the things which examiners were looking for was how well candidates picked up cues in the questions and adapted their own discourse accordingly.

The editors of the *Tech* are correct in assuming that there was no intention to give offense in framing the first question. I personally do not find its terminology condescending. But I appreciate that matters of tone are very tricky, and that others may read the question differently from me.

Yours,  
John Sutherland

To the Editors,

My eye was immediately drawn to the dramatic bold type on the front page of your last issue which blackly proclaimed, "Remedial English Controversy." I was expecting some earth shattering revelations, or perhaps even a juicy scandal with a lead like that, and was sadly disappointed to see merely a miffed student whining about having to take an English class.

Now in my time I've had to TA a few undergraduate classes at Caltech, and after having recovered from the initial shock of finding how clever the undergraduates are, and at how little common-sense they have, I was most struck by their abysmal writing skills. Over and over I saw that given a choice be-

## Editorial

### Jon Liljelblad

This last Monday Clarence Thomas was voted in by the Senate (52-48) as new Associate Justice of the Supreme Court. The margin was tight, and the debates up to the final minutes before confirmation were slightly less than friendly.

Justice Thomas, as he will henceforth be known, proved to be far from another Bush-nominated "stealth" confirmer. Despite his unwillingness to reveal his preferences on key issues currently making their way up the legal dockets, and despite his attempts to remain a low-profile agent of the legal system, he managed to become one of the most attention-grabbing (and perhaps notorious) nominees in recent memory. Anita Hill saw to that.

It is interesting that even though Professor Hill's testimony was devastating in its detail and humiliating in its publicity, the Senate still ultimately voted Clarence Thomas in. In the end, all the exposure and all the accusations did not stop his rise into the Supreme Court.

But it cannot be said that he survived completely unscathed. Nor, for that matter, can the same be said for Anita Hill. This was and is, after all, the political arena. Up until now both individuals relied in large part on their own abilities and merits to advance up the legal ladder. They were, in essence, paradigms of the American dream—born into impoverished ethnic backgrounds, raised in difficult surroundings, forced to endure and fight to rise above their histories. But the moment Bush decided on his next nominee, Anita Hill's and Clarence Thomas' lives were set on paths that entered the realm of partisan politics and stoic pragmatism, in which respect and personal achievements take a backseat to party doctrine and political maneuvering.

With politics comes publicity. Within this Machiavellian framework, the media becomes in some part a tool to manipulate and direct opinion in desired headings. This is what was prominently evinced in the live televised hearings from last Friday and Saturday.

It does not matter if both individuals told the truth or lied, or if for that matter they presented distorted pictures of a shared event. What does matter is that to the public, the names of Clarence Thomas and Anita Hill have now become associated in some way with last weekend's hearings. From now on into the foreseeable future, they will be connected with images of testimony asserting and denying sexual harassment, tied to quotes on pornographic sexual activity. The accusations and denials are largely irrelevant—within the greater public eye, the mere association of a person with an event is often enough to taint common opinion.

In this way, both Anita Hill and Clarence Thomas must now continue their lives mutually damaged by the Senate testimonies. For history, they will always be suspected of dishonesty, sleaze, and indiscretion by people who opposed or supported their assertions. They must face life with the eye of public aversion and loss of respect. They will have to deal with the consequences of lowered public esteem.

Politics, publicity, and power. The nomination and confirmation of Justice Clarence Thomas will stand as an example of an uproar in American history that displayed in stark detail the ravages and bitterness of the political arena.

tween using a quick sentence or two to explain their work, or nothing, they *always* chose nothing. And when forced to write brief essays in exams, could be relied on to produce such hilariously bad material, that the graduate students in our department would be kept in stitches for weeks.

So I find myself agreeing with the supposed condescension that Penny Sherman feels the Humanities Department is expressing—though I see no evidence for it in the essay instructions she reproduces. What I see is that the Freshpersons are being asked to write an *interesting* page or two. And if Penny's letter is anything to go by I can see why she is taking Remedial English—it contains some of the most turgid prose I've seen in years. How can anyone take a phrase like "to endure the economic injury and psychological damage of that placement" seriously? It sounds like an IRS internal memo!

In any case the whole letter is based on a flawed premise. Penny supposes that because her "classmates" have been chosen as the "best and brightest" by Caltech, that the question of their academic qualifications can be summarily dismissed. Sorry dear, but that's a big wrong-un! While I have no doubt Caltech undergrads can partially differentiate with the best of them, many of them are painfully deficient in the various arts. Caltech undergrads may not see that as a problem, but take it from a body of people who have been to college elsewhere and so take a slightly more balanced view (I mean of course the graduate students)—it's a doozy!

College is supposed to be about getting an *education*—not a technical training—though at Caltech that's a hard difference to spot. So

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## THE CALIFORNIA TECH

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my suggestion to Penny is that she first, chill out, and then try to learn a bit more about something she thinks she knows all about already. And if she really thinks that she can't learn any more, well that is truly saddening.

Chris Tinney

Graduate Student, Astronomy

p.s. Oh and by the way—I don't claim to be a great writer myself, but I can spot bad ones, and I don't pretend that I have nothing more to learn.

Open Letter to Dr. Everhart:

Dear Dr. Everhart,

We are interested that a major centennial event at Caltech will be the "Visions of a sustainable future" symposium. We look forward to this event, and hope that it will lead to constructive action as well as intellectual stimulation.

In particular, we think that this would be an ideal time for Caltech's administration to make a commitment to more sustainable policies. There are specific actions that we hope the administration will take. As our open letter to you on 8 May

stated,

1) We think that recycling should be more fully institutionalized at Caltech.

2) We think composting should be increased.

3) We think the use of recycled paper in xerox machines and laser writers around the campus should be either mandated or subsidized.

4) We think Caltech should incorporate solar heating into future building projects like the Catalinas, even if the use of gas or electricity is thought to be more economical.

5) We think that Caltech should invest in a campus-wide electronic communication network.

6) We think that there should be more xeriscaping at Caltech

7) We think that the administration should more actively promote the establishment of van pools and bicycle facilities.

We remind you that the poll we took on 8 May indicates that on all of the above statements, the majority of the Caltech community agrees with us. We are still looking forward to your reply to that letter.

We are grateful for the support that Physical Plant has been providing in the expansion of the recycling program maintained by CETF and the Caltech Y, and we are pleased that plans for work-study money for recycling workers are being discussed. We believe that in order to effectively and efficiently administer various facets of changes in the institution policies towards minimizing Caltech's environmental impact, a position of environmental advocate be created and filled.

We hope that during "Visions," Caltech will not only think globally, but also act locally. If this symposium is not accompanied by some sort of positive action on the part of the administration, it can only be concluded that the whole event is a hypocritical publicity exercise. We hope this will not prove to be the case.

Yours,

David MacKay and CETF

# Mr. Colón

by Zack Berger

While you were bent low over your slide rule this Monday, Columbus Day came and went. Each of us has a right to talk about Chris before Columbus Day 1992, when he will have become cliched. I'll say my piece here.

Columbus started the Indians' enslavement. He treated them as conduits to gold, who possessed little more inherent personal value than an ATM card. There is no question but that he treated horrendously those who were already here. But the same man, curiously, also ordered his admiral: "Leave their personal goods alone." (He said this, of course, in Spanish.) Why was that? In enslaving the Indians, Columbus contravened established moral conduct. Simultaneously, he say private property as something sacred—the *sanctum sanctorum* of one's private existence. He failed to see Indians as human beings on a par with himself; at the same time, paradoxically, he recognized their orthodox European right, that of private property. He applied European philosophies to Indian civilization.

Columbus understood little of what he saw in this hemisphere. He could not believe that the Indians were any more than half-naked savages; he could not believe that America was undergirded by anything but fabulous stores of gold; he

couldn't understand that he had not landed in India. This naivete of the Columbian sort has helped to wipe out civilizations without a care. This ignorance, rather than the anti-Indian malice of, say, Sherman or Andy Jackson, has in the past driven the American public to passively accept western expansion. "We have a right to take an unoccupied land."

Naivete, however, is also the most important attribute of the explorer. He explores because he seeks to correct his own ignorance—even if he doesn't recognize the specifics of that ignorance. One may convict Columbus of destroying valuable civilizations, but for no reason may one divest him of his rightful title—Discoverer of the Indians. Indeed, he did not "discover" the land for the Indians, who were already there. Our culture, though, is at least to some degree based on a European veneration of the written, disseminated word which in most Indian civilizations did not exist. For the Europeans, the cornerstone of our heritage, Columbus did discover America. Without him and explorers like him, America would have still existed. But, for good or for harm, it would not have been thrown open to investigation and to the rest of the world.

For making America known to the rest of the world, mention needs to be made of Christopher Columbus.

## Motorcycle Helmet Law

To the Editors:

One has to question the wisdom of a person who chooses to ride a motorcycle without a helmet. It illustrates that intelligence and good judgement have little bearing on each other. Students will save a stereo box for years at the prospect of eventually having to move, yet

they pack an \$18,000 a year education into a shell as fragile as the ME71 egg drop contest and blast around like there's no tomorrow.

January 1st will bring with it a helmet law. Wouldn't it be nice to make the wise choice to wear one? It's certainly better than being compelled to do so.

Marty Gould

Letters continued page 4

## CRIME AND INCIDENT BEAT

Crime tip: Beware of suspicious people (i.e. outsiders coming onto campus). If you see any suspicious activity or people, call the security office (x4701).

10/8 At 9:00 AM there was a loud explosion. The Pasadena police arrived, asking if the cannon has been fired. The police were informed that there was no noise at this location.

10/8 An exhaust hood in the Blacker house south kitchen caught on fire at 12:20 PM. The Fire Dept. was called in to check for any more possible fires. The fire was apparently caused by grease on the grease traps.

10/8 At 5:25 PM, someone driving a Caltech truck, accidentally hit another Caltech vehicle. The driver claimed that the side mirror for the truck was not the right type of mirror. No one was injured and the only damage was a broken tail light.

10/9 A bike was stolen from the bike rack south east of the Catalina Complex. The victim discovered that the bike was stolen on the 10th around 9:45 AM. The lock was cut and left at the scene. Value: \$200.

10/9 At 4:21 PM, a vendor was reported going door-to-door in the Catalina Complex. The vendor was informed that Caltech is private property and can be charged with trespassing if caught again. The vendor was escorted off Caltech property.

10/9 At 9:45 PM, someone discovered that their car was tampered with. The car was parked on San Pasqual and Wilson. As a result of this tampering, that driver's side door can no longer be locked nor can the window be closed.

10/10 A bike, locked with a kryptonite lock, was stolen from the bike rack at Catalina. A search of the complex did not locate the bike. Value: \$379

10/11 At 11:45 PM, two people were walking near Del Mar and S. Mentor when two cars raced past them. As the cars passed, one of the occupants of the car threw eggs at the victims.

10/12 Another locked bike was stolen from the bike rack in front of the victim's apartment on Catalina. Value: \$320

10/14 A car was stolen from the Tournament Park parking lot. There was no evidence on how the vehicle was entered. The police were call and an investigation and report were taken. Value: \$1500

10/14 At 11:40 AM, a witness reported three suspicious people loitering in and around Marks House. Security questioned, advised, and released them. The suspects said that they were looking for the bathroom. The witness felt that the suspects were inspecting the bikes and were planning on stealing one of them.

Total lost value: \$2,399

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in

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# letters

## Catholic Rebuttals

Dear Editors:

We Catholics must be geniuses at creating confusion about what we do, and don't believe. Mr. Senyszyn (Thomas Criticized, 10/11/91) has accumulated so many misconceptions in one short letter that it would take a weekly column in the Tech to answer each one. Given the unlikelihood that the editors will offer me one, I'll stick to addressing the misunderstanding of the concept of natural law.

Natural law, in a nutshell, states: human beings should act according to their nature, i.e. humanly. Should Catholics, or anybody else, suggest that it would be good for non-Catholic citizens to act inhumanly? Human rights are "inherent" - and irrevocable - precisely in the sense that, by the very fact that you are human, the rest of us must respect those rights. They are not "quite different" from natural law; they are "quite the same", without exhausting it.

There is no place in Christianity for the concept of a God who could arbitrarily declare, one fine day, that in the future lying will be good and helpfulness bad. "It's in the nature of things" that lying is bad, and helpfulness good. "Judaic-Christianity's basic cosmological model" is that of an intelligible universe (without which science would be impossible) whose "blueprint" was laid down by the same God who reveals himself in the Bible. It would be an odd God whose revealed "commands" directed us to act contrary to what he intended us to be; it is therefore to be expected that Judaic-Christian morality basically coincides with "natural law". There are, of course, elements which go beyond (not

against) the natural law, such as celibacy; but the Catholic Church has never suggested that celibacy - or other such elements - has anything to do with the natural law, nor expressed the view that non-Christians, or even most Catholics, should be celibate.

Fr. Brian Wilson, L.C.  
Chaplain, Newman Center.

Dear Editors:

In a letter to *The California Tech* (October 11, 1991), which appeared under the misleading title "Thomas criticized," Jim Senyszyn expresses his disapproval of the Catholic teaching on sexual matters. According to Mr. Senyszyn, in order to make their flock suffer, the Catholic hierarchy opposes birth control, condoms, sex education, abortion, masturbation, and homosexuality. Moreover, Mr. Senyszyn continues, the hierarchy believes virginity is best and all sexual intercourse, including marital, is impure and regrettable. He claims that all these precepts are derived from the hierarchy's adherence to natural law and concludes by issuing the appeal "Let's not return to the Dark Ages under the rubric of natural law."

Mr. Senyszyn apparently confuses the Catholic Church with the sect of the Albigenses, who in the 13th century preached the sinfulness of sex. It was the Catholic hierarchy which most forcefully opposed their views. Quite frankly, what makes us Catholics really suffer are prejudices, not the "hierarchy." We do not pretend to be supermen and -women, but we do try to live out our lives fully and most of us believe that only a monogamous insoluble marriage can fulfill one's life. It is for this reason that we try to save our sexuality for this one unique person who is going to be our spouse and not to waste it in noncommittal relationships. Since virginity is in-

deed the best form of birth control (100% success rate, no side effects), it is obvious that at least two of Mr. Senyszyn's criticisms do not apply. We admit that this form of birth control is not easy to practice, but it is precisely there that the Catholic vision of sexuality (call it "sex education" if you wish), with its emphasis on the dignity of the human body, renders us a most welcome support. Mr. Senyszyn's criticism of the Church standing on homosexuality is also inaccurate, since chaste homosexuals are held in as high an esteem by the Church as chaste heterosexuals. Yes, we do oppose abortion, why not? Some people form organizations to save whales, others to save dolphins, what's wrong with protecting unborn babies? Our beliefs are not based on natural, but on Divine law. Mr. Senyszyn seems to acknowledge this (albeit it undermines his starting argument) when he talks about bestowed rights, but he is wrong in claiming that bestowed rights are revocable: God does not change his mind.

It is impossible in a brief letter to fully answer all points raised by Mr. Senyszyn. We therefore cordially invite him to come to Mass, which is celebrated every Sunday at 10 o'clock in the Winnett Lounge. We look forward to a fruitful exchange of ideas which hopefully will help to dispel the Dark Ages of misunderstanding which some people still have for what the Catholic Church is really all about.

Elizabeth Lee, Mike Benedetti,  
Brenda Mar, Kenneth Klewicki,  
Janusz Eluszkiewicz (x6961 or 6112)

## Caltech: Science Fiction or Fantasy?

by Gorm Nykreim

S.P.E.C.T.R.E., The Caltech Science Fiction Club, welcomes students to our latest year of providing the Caltech community with the best of Science Fiction and Fantasy in film, in print, and in person. In addition to our recently expanded 3000+ book lending library (Room 36 of the S.A.C.), we also show videos of SF&F at our biweekly group meetings at the S.A.C. and at our monthly Full Moon Movie Festivals (On new moons we co-sponsor star-parties with S.E.D.S.). We also travel off campus on occasion to see first run movies like the upcoming *Star Trek VI*, as well as to visit local conventions, bookstore sales, or multi-media events like the Nuart Theater's presentation of "The Rocky Horror Picture Show."

S.P.E.C.T.R.E. (which may or may not stand for SPECulative TREasuries), also brings science fiction to campus through our series of guest speakers. Ray Bradbury was last year's keynote speaker,

and this year we hope to bring authors Greg Bear and Larry Niven to speak on campus. David Brin, a Caltech alum who gives his speech whenever we can't keep him off campus, actually met and then proposed to his wife at two successive appearances on campus. And for those of you who wish to get involved in the creative process, Dr. Brin has employed us at S.P.E.C.T.R.E. in the past to help edit his recent novel *Earth*, and is currently circulating a manuscript of his next novel *Stratos* through our grubby little hands.

This year's first meeting will be Tuesday, October 22, 7:30pm in room 35 of the S.A.C. during which we will show the 1956 science fiction classic "Forbidden Planet." Sign the infamous green book! Volunteer to read manuscripts! Watch Robby the Robot and Leslie Nielson long before *Airplane!*

If you can't attend the first meeting, contact Gorm Nykreim @568-9168, Mark Looper @304-0006, or spectre@tybalt.caltech.edu. Share and enjoy!!!

Dear Editors:

I would like to take this opportunity to thank whoever had the new mailboxes installed. Now, I can no longer receive mail from a variety of sources who will not mail things to Post Office Boxes or college postal boxes. Rather than conveniently pick up my mail in my lounge, I can now get out my key and trudge outside and get my mail. The best part, however, is that there are fewer keys than there are mailboxes. I know for a fact that my key

fits roughly one out of every 32 boxes. I won't even give my name, so it will be impossible to rectify this condition for my key. Just remember, several random people out there have keys to your supposedly secure mailbox.

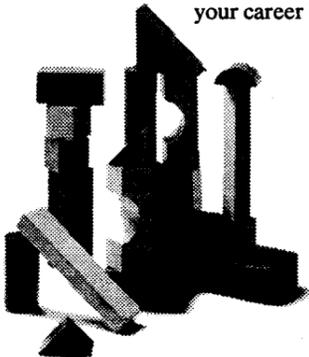
—Anonymous  
[This letter would not normally be printed, since it was addressed as anonymous, but it was since it is felt by the editors that this represents the undergraduates's general feeling about the mailboxes. —Eds.]

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**Information Session**  
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Room 26

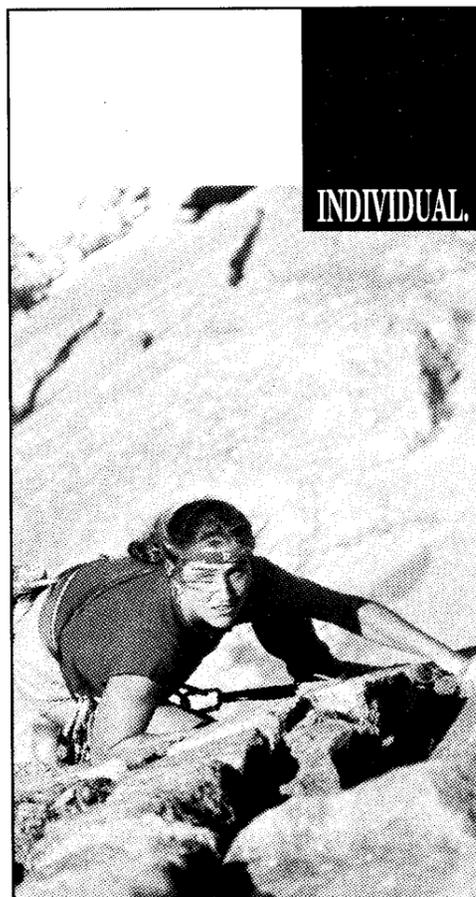
**On-Campus Interviews**  
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**INFORMATION MEETING:**  
Date: November 7, 1991  
Time: 4pm - 6pm  
Place: Student Center

**INTERVIEWING:**  
Date: November 8, 1991  
Place: Check with Placement Office

# The Inside World

**Inside World Policy:**

All Inside Worlds must include the author's name. Inside Worlds can only be written by current undergraduates. The editors reserve the right to edit any or all parts of an Inside World. No libelous material will be accepted. It is the author's responsibility to check material written about a person to see if they consider it libelous. Please submit a 3.5 inch Macintosh Disk by 8:00 PM Wednesday.

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

**Lloyd:** Mark Son and Jong Moon

**Fleming:** Jill Bush and Jessica Nichols

**Ricketts:** Tod E. Kurt and Frank Filipanits

**Ruddock:** Chris Martin

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

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"Homework Man" Hale will be eager to satisfy all your needs. And let's not neglect Kitt "Bambi" Hodsden, whose yearbook centerfold will keep the frosh boys busy for a while. (Too bad it's so hard to hold up the yearbook with one hand...)

And there's Maggie "Biker babe" Taylor and Jen "Biker babe II" Dooley, the sisters...ur... brothers...ur... you figure it out. Dan'l "I'm a lumberjack and I'm okay" Weaver can tell you just which beer will satisfy your palate, and then some. Will his bet be won? I guess Nate "I can be a dick 'cause I'm the boss" Rockwell will just have to keep us informed and his sheets clean. Eric "swimmin' with bow legged women" Candell will keep you entertained with tales of far away places, exotic diseases, and food you can't eat.

If you get tired of the yearbook, you frosh guys might want to check out Scot "I read it for the articles" Fagerland and his collection of literature and artwork, though his room is even harder to hold up with one hand...Myke "little drug" Hoskins keeps the official house collection, and will add a special surreal atmosphere as you peruse the wares. Ask him to demonstrate Ricketts' mascot, Dick Grayson.

Stu "Clockwork Orange" Wagner currently has the largest penis, ur, stereo, at 2000 watts... ask him to show it to you sometime. (his stereo, that is...) And Sacha "spin me, beat me, make me drink" Malin is the one to see to tuck away all those morals you don't want hanging around.

And then there's the frosh wanna-bes: Tom "Sunshine" Renner, Brian "There's no paper in the laserwriter" Chafin, and Paul "Roto-roter" Rothemund; your source for laughs, computers, and roof access, in that order.

Well, that's our list... it's nowhere near complete, but it should help. Especially during those sacrifices next week, and the black mass during initiations.

Frosh of the week: Gisela (Who else?) Rodriguez-Sandoval... the only frosh who uses the right-hand rule to find her left hand.

-Those beach blond EE bimbos.

PS. We kicked Ruttock's Buttocks 23-14 in softball - the Maroon Machine is on the rise.

## RICKETTS

**A** Frosh's guide to Ricketts Upperclassmen:

Welcome, all... to the depths of Ricketts, house of demon worship and banality - land of corrupted sensuality and outright perversity. Hah. We have you now. (And you can't escape... until next term) Just to give you some hope (foolish though it may be) of surviving till then, we've compiled a little behind-the-scenes look at just who the twisted souls you're living with are.

Let's start (for no particular reason) with Jason "tree trunk" McElroy - the name arises not from his size but from what he smokes... then there's Brent Eubanks, claims his karate instructor could with a single touch could leave you with a lingering, malignant disease. And Danlip, who has his finger on the pulse of Ricketts...if something's going on, he'll tell you all about it, whether he knows anything about it or not.

Q seems to have an inverse relationship

between the length of his hair and the color of his clothes, and is the resident "art fag". Debica (alternate spelling: Mobi) share one bubbly personality which has migrated north for the winter. They're also the "resident" Health Advocates, so if you cut off an appendage (or need a condom at 2am), call them. Pablo "Blo" (me) Ishmael will keep you well supplied with ramen, cows, and money...There's also the Collet/Pollet duo in Prexy — one has too much of an accent, and the other keeps forgetting his.

Rob Ellis may try to lure some of you out for a drive in his new convertible, but don't be fooled!!! We lost two frosh last year that way... Out at Dingleberries (270 Holliston), you ladies can count on Wart "Hatman" Thomas for all your manicure supplies. And if you ever need some angst or hate, just stop by Julius "bounce, bounce, roll" Yang. Or if paranoia is your bag, Ron Stowell has plenty to share. (yes, Ron, we are talking about you...)

So, is Johanna Nederhouserhouserhouser "Nuts"? I guess Steve "the kishka man" Solbeldude is the only one who'll ever know.

If you're female and need your homework done by some upperclasstype (or just miss that puppy dog you left at home), Greg

# RUDDOCK

It's happened to some of the best. Jimi Hendrix, John Bonham, and now, Ruddock House. That's right, we've choked on our own GAAC. The Grand Amalgamated Alley Challenge won't be played out this Sunday due to a number of conflicts. So, unlike a couple of people last weekend, we're holding back our GAAC. Look for it next weekend.

Instead, this Saturday we'll be doing that Laserium thang. Now the Laserium's pretty cool. But one way to make it truly enjoyable, and you won't find this in any of the Griffith Park literature, mind you, is controlled substances. The choice of substances is one of personal taste, but I can highly recommend beer for a number of reasons:

Numero Uno: The trip to Griffith Park seems to take 5 minutes.

Numero Two-O: The ride up the hill is almost as good as the show.

Numero Three-O: The seats are perfectly designed for a drunk person's posture.

Numero Four-O: The planetarium dome has great acoustics for beer belches.

Hey! Hey, you goddamn kids! Stay off the bridge! I mean it!

Numero Five-O: Dilated pupils make those laser flashes really intense.

Numero Six-O: It's nice and dark and comfy if you feel like dozing off.

Anyhow, we found Spike the Rat yesterday morning. Apparently he's been living in my speaker for the past two days. And he doesn't have brain damage!

Andy's relieved to have his rat back, and I'm relieved I don't have a dead rat stinking up my room. Ah, if only Mike Mossey was still here... "You know, Chris, your right speaker sounds a little funny. From the distortion, I'd say there was something within the speaker cavity. Yes, something small and furry, perhaps a gerbil. No, definitely a rat. A gray one."

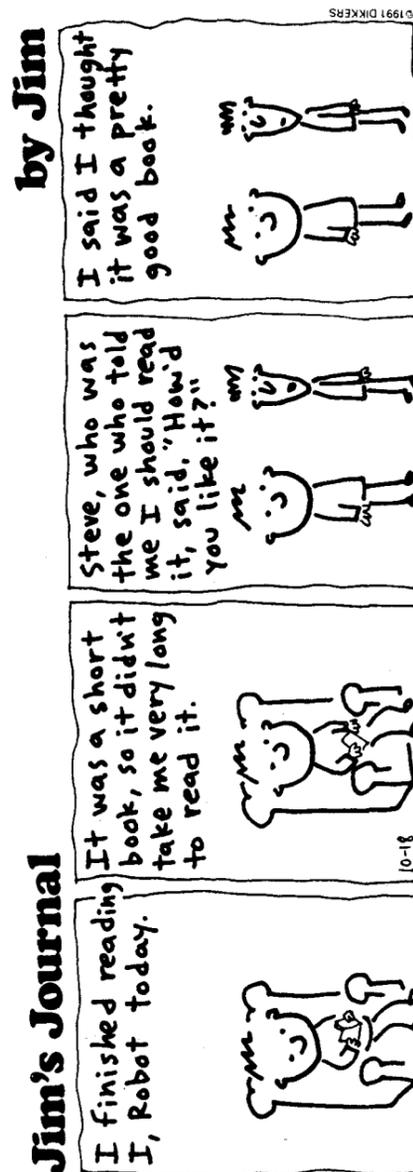
By the way, Ruddock House will be taking a week-long house trip to Jamaica at the start of second term. We got the extra \$200,000 thanks to Ari Kaplan, who put down a \$20 bet in Vegas last Spring. Twins and Braves meet in the world series, 10,000:1.

Ruddock House's question of the week: If it was the real Macauley Culkin in the OPI lounge, would he be dead by now, or just permanently scarred? We could always try it out on Hans...

Riddle of the Week: What's sticky, covered with metal, and has a headache. No, not the Tin Man being asked for sex "one more time". It's you if Rich catches you not stomping your cans, cause he'll dump you in the recycle bucket.

So what other cultural enrichment does Ruddock House have planned this weekend? Happy hour today at 5 in the Alley 4 lounge. Cheese corn is enriching. We also have a

basketball game against Stinky Neanderthall House on Sunday. Frosh, ask any upper-classman how enriching last year's was. We also have a softball game against Blacker on Monday. Come out and grill some dogs and get enriched. And if you only do one thing this week, write for the BFD!



## Truly Meaningless Polls

by D.A. Kornreich

Last weekend, I journeyed out among the students of the Caltech community, and delved into the private lives of many an unwary soul. Here are only a few of the many answers I received in response to my questions: (Of course, I asked the first question exclusively to make you believe this is a legitimate poll.)

### 1. What's the best thing about going to Caltech?

"Feeling superior to everyone who goes to any other school, especially MIT."

"Bored Food."

"It doesn't snow here."

*and the correct answer is...* "The Honor System."

### 2. If you could have sex with any breakfast cereal, which would you choose?

For the male respondents, the overwhelming winners were "Cheerios," "Froot Loops," and "Oh!s." Women tended to choose less obvious answers, and seemed to feel an urge to explain themselves. The most entertaining answers were "Rice Krispies; they snap, crackle, and pop," "Lucky Charms, because they're magically delicious," "Anything with all natural ingredients," "Trix," and "Clusters, since it has lots of nuts."

### 3. Who is Dark Man?

"The little guy inside the digital clock that changes the minute number"

"Satan"

"Fru"

"Prof. Apostol, because his book has 666 pages"

"William Glenn"

"Lightman's mortal enemy"

### 4. If you could give any one person on campus a sex change without their previous knowledge or consent, who would it be?

"Nate Lewis"

"Tim Maddox"

"Prof. Fuller"

"Graham Cummins"

"Tom Apostol"

# LLOYD

The frosh guide to LLoyd House Cliques:

You *thought* that we were just one big happy family during Rotation, didn't ya? Surprise -

welcome to the *real* Lloyd, frosh :

The Militant Feminists aka M.F.

This faction consists of two members : Miss President and her henchman Clemens. Their primary mission is to improve the lives of many Lloydies by making them D.I.C.C.-less.

The Washed-up, Fed-up, Dog-tired Senior (citizens)

Just wait 3 years and you will know what these guys have gone through.

Sonny's Harem

By far the least exclusive clique in Lloyd, membership in Sonny's harem requires only that you be short, Asian, and \*female\* - which means half the goddamn house is eligible. This clique displayed almost-cancerous growth with entry of the new frosh into Lloyd. Members enjoy the highest female-to-male ratio of any organization in the Greater L.A. area. Members are characterized by removing shoes and are

initiated with a traditional ritual head-shorning, performed by Sonny himself.

The Noodle Party

Responsible for the inescapable scent of Chinese cooking during weekends. Membership is identical to that of Sonny's Harem (see above).

Permafrosh aka Freshman Committee of Fluids aka Manly Men

Membership in this club can hardly be considered a privilege; instead they are forced together by a shared deep-seated need to be loved, and the sheer number of adorable replacements (see Sonny's Harem) ready to take their positions. Even their presence on campus has been uprooted by the evilness of Nancy Carlton et al. who is also responsible for the sharp rise in the homeless population in the Greater L.A. area. Their dullness is comparable to a bowl of plain jello and their cluelessness rivals their lower primate counterparts. But, to be fair, jello and *most* lower primates don't listen to rap.

The Get-a-real-name club

Previous members include "Jazzbo" and "Skippy". The legacy continues with "Sambo" and "D.O."

The MUD club

After the departure of two charter members, Mark and Jong, this club, led by Roy "Poohbear" Lee, has steadily grown in size although decreased significantly in pres-

tige. Joining is as easy as typing "telnet eltanin.caltech.edu 4000" from any Unix shell, and working your way to the upper echelons is as easy as typing "grovel Poohbear".

Aaron's Sophomores aka "My Frosh"

This club has long since been absorbed by the goddamn MUD club.

The Hearts Club aka Hypocrites

Only their complete computer illiteracy denies them entry into the MUD club; thus their envy turns into disdain. Criticizing the MUD club allows them to overlook their own inability to learn a *real* card game, like Bridge.

The "Where-the-hell-did-they-come-from?" club

Members include Web and Wesley. Characterized by overzealous, unsolicited over-participation in house affairs. Unfortunately, they came with no return address.

UpClasCo

Membership : UNKNOWN

Meeting place : UNKNOWN

Objective : To make freshmen's lives miserable.

Next Week....

Page House Literacy Institute

This club is dedicated to learning to read Rotation Rules.

GODDAMN,  
UpClasCo

## Responsible Individual

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**MONEY**

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**Access to a top-of-the-line computer system**

**Office with**

**Free Food**

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*(Everything that made Sonny Arcilla's life worth living)*

Interested? Send your name and phone number to Jason Macleod, ASCIT Secretary at 41-58.

*Note: Preference given to applicants with the letter 'S' in their name.*

# FLEMING

Well, I will begin by saying that Jill and I were very pleased to see that the editors liked our previous Inside World. It's about time that Fleming's IW's are back at the top of the heap where they belong. And to those pageboy frosh that I offended, I have this to say: That Inside World wasn't that bad, and if that offended you, you'd better buy some blinders for the rest of your stay here at Tech. I don't try to piss people off, but sometimes shit happens. blah blah blah gooney goo goo. But I digress.

The definite word for the week is "Birthday." Hmm... Is it time for a birthday already? It seems like 50 billion people (did you really think I would count them??) celebrated a birthday over the weekend. And even a three-year-old can tell you that no birthday is complete without a...PARTY!! So, needless to say, things got a little out of hand on Friday for Jill's Birthday Bash (and Pinky's, too, I suppose), and on Saturday (yeah Sarah), and on Sunday, and...well, you get the picture. But speaking of Saturday, I am proud to say that B\*\*R and Broomball was a complete success—just as JoeNathan or Frees or Q-tip. Can you say "HANG-OVER FROM HELL?" I thought so.

Well, the little froshlings up in Alley Who?? seem to keep themselves pretty busy. Well, at least the women are. Two were quoted as saying "Eleven is too many. I can't fit it in." and "Get some Bailey's and I'll come." Well now. As long as you keep your germs to yourself....

The Bug Red Softball Slaughtering Machine has continued to squish the shit out of our competitors from all of those other (they're all fine) houses, with, of course, a deafening demolition of page because page SUX!!!! But I suppose you already knew that.

And, once again, here's your weekly dose of Fleming Top Ten.

- TOP TEN REASONS WHY frosh SUCK
10. They don't know how to blow.
  9. They're on pass-fail.
  8. They don't understand what "all-frosh table" is. (It's actually a privilege to find yourself at one.)
  7. They're all CS majors.
  6. They sit next to upperclassmen at dinner and get them wet.
  5. They play pool all day and night and never get any better.
  4. They can't do your 95 for you.

3. They haven't figured out how to stay vertical on the ice (Coop).
2. They never have my 45 cents when I am thirsty.
1. They're frosh!!! (Like that wasn't obvious).

Well, all in all, it has been a great week. If I didn't have 103, 142, and 95, my life would be perfect. But hey, you know what they say: "Wish in one hand and shit in the other, and see which one fills up faster." Maybe that should be Caltech's motto. Blech. Well, I'm sick of sitting in the twit room, so I'll sign off until next week.

—Mom

p.s. Not only was I not ponded 19 times (by a few namely frosh) for my birthday, I escaped it completely. So there, silly frosh.

[Below, is undoubtedly one of those inside worlds from back when "Fleming's IW's [were] back at the top of the heap where they belong. Reprinted from January 19, 1990. - Eds.]

Aaaaaaargh. Fleming. Uggggggghhh. Fleming good. Orrgh. Foooooooooooootballlll. ssssslllllluuuuuurrrp. Beer. grrrrrrhhhhhhmmmmppppphhhh. Beer good. Hrrrrmmmmmmghhhhhh. Ummmmmm. Red. Ya. Red. Red good. Haaaaaaackkkk. Grumph. iiiick, slaaaaaaack, burrrrrrrp. Baaaaaaa, Baaaaaaa. Sheep? Sheep good. aaaaaasssssggggtrrrmmphhh. Basketball good. Yaaaa, basketball good. Bill? Hmmmmmmmmph. Bill Bad! Bill not score us! Arrrrggggghh. Bad! Bill score them!! slp, snarllike, faaaaaarrrrt. Hmmmmmm. 1,2,3, many!

Top many things go through Page-boy mind. many. Beer. many. many. Left, right, left, right -oh shit! many. In, out, in, out, oops! Too soon! many. Beer. many. Babe, babe, babe, oops! Too young. 3. Beer 2. 1. Hhhhhhhhhmmmmppppppphhhhhrrrrrgghh. Late. Go. Worship cannon fertility idol, or great cannon god get mad, make house parking lot. Grrhmp.

[Hope you enjoyed it! —Eds.]

**Hey, Social teams, looking for a cheap, easy way to advertize for a multihouse party? Check out the rates on the Inside World Section. Cheap cheap.**

**Jim's Journal**



**by Jim**



**Remember the Honor Code**

To the Editors,

OK, so it is the beginning of the school year, and some of us may have forgotten what it is like to be around Tech. But there is one thing that is important to remember when you step onto campus, the Honor Code. Let this be a gentle reminder

that other people's property is covered by the honor code. In particular, removing posters for events before they have happened, in a systematic way, is not in the spirit of the honor code. Let us all be respectful of one another.

*Annmarie Eldering*

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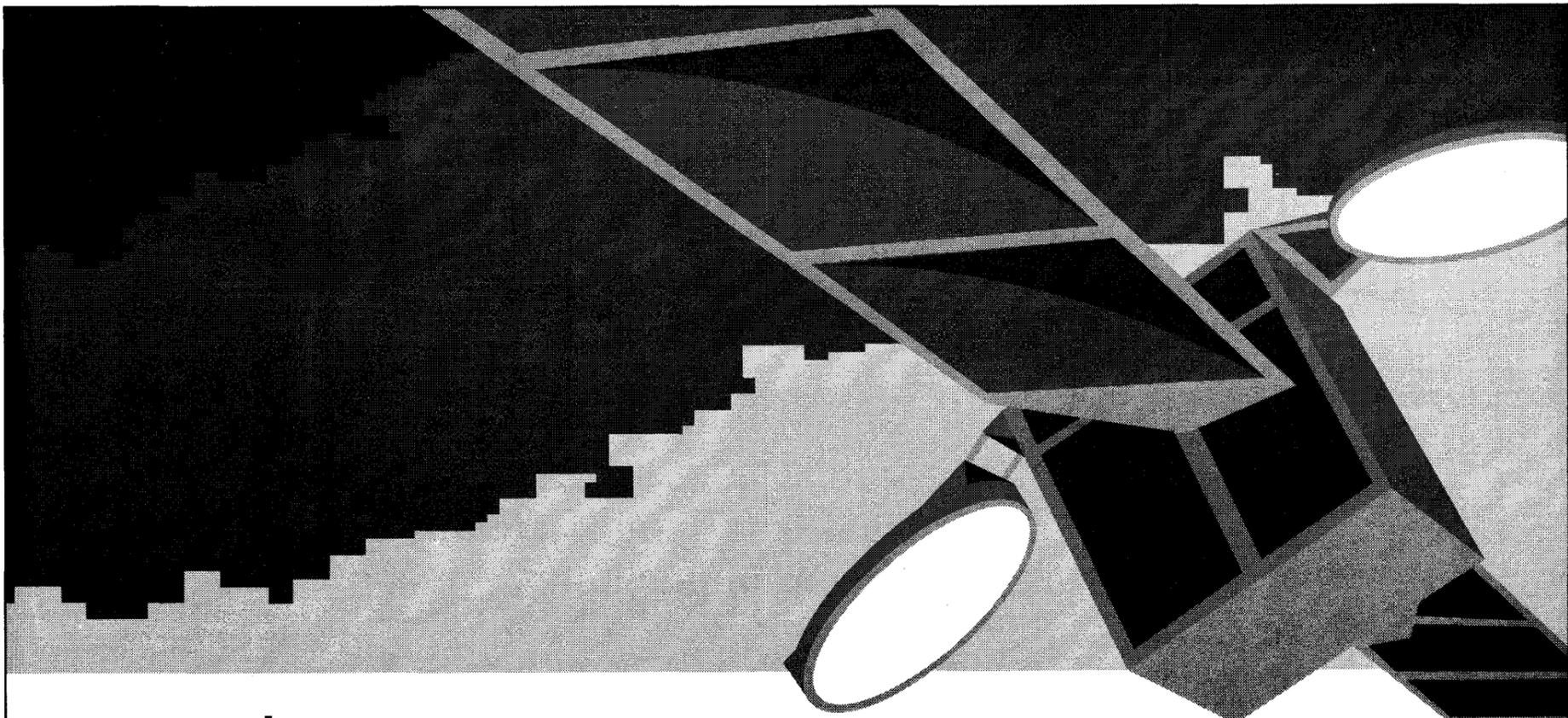
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# Red Door at Night

Yup. Once again, the Red Door Cafe is opening at night, starting this week; and once again, the thing to get happy about is live music on Friday nights.

With some generous last-minute funds from the Caltech Y, we should be able to improve on last year and get a better variety of cool, quality music. Tonight, come see Red Door veterans Doug and Andy - a couple of Caltech alums living out their dreams and playing two sets of folk-rock originals. Andy will be featuring his new, secret musical invention, so check it out and help him give it a name. They'll get started around 9:30. Admission is, of course, free.

Plus - extra bonus! To get y'all in a Red Door kind of mood, we got a deal for all new grads and undergrads - half off all drinks! Tonight. All night. Just ask.

For now, we'll be open every Thursday and Friday, 9:00 to 12 midnight. Look for changes in the near future.

Also, we're always looking for performers to feature on Fridays, plus it'd be great to get some student art to adorn the walls and tabletops. If you're interested in either, stop by and talk to Alex or Pete, or call x3769 or x3956.

The Red Door at night. We're excited. You should be too.

## Child Educational Center Arts and Crafts Fair

The 21st annual Arts & Crafts Fair will take place October 18, 19, and 20, 1991, on the mall of the Jet Propulsion Laboratory, 4800 Oak Grove Drive, in Pasadena. A percentage of all sales will benefit the Child Educational Center, a non-profit preschool and child-care center established for employees of Caltech and the Jet Propulsion Laboratory, as well as for the surrounding communities.

The fair will feature more than 100 exhibitors of handmade craft items such as clothing, pottery, jewelry, Halloween costumes, and many Christmas gifts and decorations.

Admission to the fair is free, and there is no charge for parking.

## Monsanto CEO Earle Harbison to Speak

Earle H. Harbison, Jr., president and chief executive officer of Monsanto Corporation, will speak at 8 PM in Monday, Oct. 21, on "Technological Leadership in Biotechnology." Harbison's free public lecture at Beckman Auditorium is being sponsored by the Caltech Industrial Relations Center as part of its Distinguished Speaker Series.

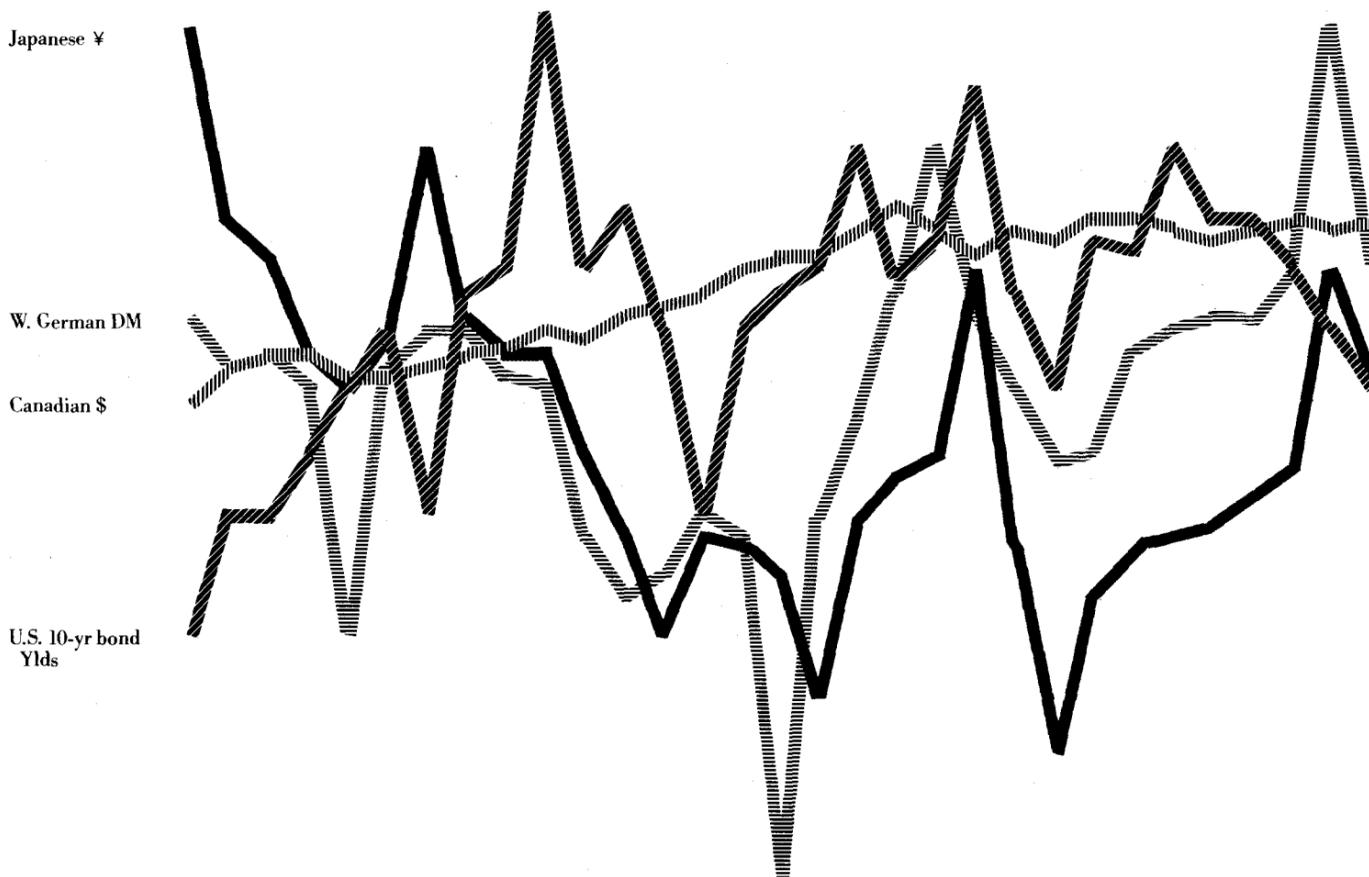
## THIS WEEK

### Student Rush Tickets Offered for SGVCLO's 1991-92 Season

The San Gabriel Valley Civic Light Opera is offering half-priced student rush tickets. The half-price tickets will be available one hour

prior to each performance at the San Gabriel Civic Auditorium box office, located at 320 S. Mission Drive, San Gabriel. The tickets are located in the Orchestra II and Balcony sections of the theatre and are normally priced at \$15 and \$17. Students will need to show a current student ID to receive the discounted tickets.

"Brigadoon" is currently playing until Oct. 27, to be followed by the hilarious musical comedy "Me and My Girl," Feb 7-23, 1992, and concluding with "Carousel," May 1-17, 1992. Performances are Friday and Saturdays at 8:15 PM, Saturday and Sunday at 2:15 PM, Thursday at 8:15 PM, and Sunday at 7:15 PM. All performances are at the San Gabriel Civic Auditorium. For additional information call (818)308-2868.



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# what goes on

## Scholarships

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

Data Processing Management Association is offering three scholarships for \$1,000 each provided by the Bert A. Monaghan Scholarship Fund in the areas of Computer Science or Information Systems Management. The Scholarship Committee must receive the application by November 15, 1991.

USA Today is offering twenty \$2,500 cash awards to full-time undergraduates. The awards will be selected based on the student's scholarship as well as leadership roles on and off campus. Each nomination must be signed by a faculty member familiar with the student's work and an administrator. The deadline for completed nominations to be sent is November 15, 1991.

The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) is offering a grant of \$2,500 to a full-time junior or senior in engineering. The students must have a GPA of 3.25 or above. The deadline for applications to be received by ASHRAE is December 15, 1991.

The Society for the Advancement of Material and Process Engineering (SAMPE) is announcing its 1992 Undergraduate Awards Program for Engineering. Application packages must be submitted postmarked no later than February 1, 1992.

## Folkdance

On Tuesday, Oct. 29th at 7:30 PM in Dabney Lounge the International Folkdances will present their annual Halloween Party. Dance lessons will be provided by the California/Bulgaria Band featuring musicians from world renowned Bulgarian folk ensembles. Costumes are encouraged. All are welcome. Meet new people and see the world!

## Northrop Scholarships

The Northrop Corporation is offering two \$3000 scholarships at Caltech for the 1991-92 academic year. The scholarships are open to freshmen through seniors in Electrical Engineering, Mechanical Engineering, Computer Science/Engineering, or Manufacturing Engineering. Students must show evidence of a strong academic record and a career interest in the aerospace/defense industry. The applicant must be a US citizen and may be a concurrent recipient of another company's scholarship. Resumes and academic transcripts must be sent to the Financial Aid Office at 515 S. Wilson. The deadline is 5:00 PM, Friday, October 25th, 1991.

## Chem Club Meeting

The Caltech Undergraduate Chemistry Club will have a meeting, Thursday Oct. 24th, at 4:30 PM in 304 Noyes to publicize information on summer jobs and graduate study programs in chemistry. There will be free pizza and soft drinks. The club has received info on various summer jobs and some have deadlines in november! Freshmen who are considering majoring in chemistry are especially encouraged to come and meet with other undergraduates who have had good summer job experiences. Anyone who cannot make the meeting but would like to know more should contact Andy at x2705 or x8475.

## Film Club Meeting

Our next Caltech Film Club meeting will be next Wednesday, October 23 at 8:00 in room 35 in the SAC. Some members will show their films and we will discuss possible club fund raising projects.

## SHPE Meeting

The Second meeting of the Society of Hispanic Professional Engineers will be held on Wednesday, October 23, in room 25 of the SAC at 10:30PM. All are invited. Come by and find out about future conferences and trips to visit other SHPE chapters in the LA area.—Jesus Mancilla, President.

## Tomorrow is SURF Seminar Day!

Tomorrow 146 SURFers will present the results of their summers work at the thirteenth annual SURF Seminar Day. Schedules are available in the SURF office now and will be available in the Beckman Institute Courtyard at 11:00 AM tomorrow. Disciplines and locations are as follows: Biology in rooms 25 and 33 Baxter, Chemistry and Chemical Engineering in rooms 28, 115, and 121 Baxter, Engineering and Applied Science in rooms 128, 210, and 218 Baxter, Geological and Planetary Sciences in room 125 Baxter; Humanities and Social Sciences in room 127 Baxter; JPL in room 147 and 304 Noyes, Physics, Mathematics, and Astronomy in rooms 102, 104, 106 and 113 Spalding.

Announcements for *What Goes On* may be submitted 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. Announcements should be 75 words or less. Indicate the date(s) the announcement is to run. Announcements for the current issue must be received by 5 pm Tuesday. 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.

## Literary Magazine

Submissions are now being accepted for the 1991-92 Totem, the annual Caltech literary magazine. Entries are welcomed from undergraduates, graduates, faculty, and staff. JPL entrants may also be considered depending on the availability of space. Please send your entries to Jennifer Miller, Mail Box 570. If you have any questions about the magazine or possible entries, please call me at 577-4637 or drop by room #5 in Fleming House.

## Hillel Brunch

The Caltech Hillel will have its next meeting Sunday, October 20 at 11 AM in the Y lounge. There will be brunch, schmoozing, and a discussion afterwards. The entire Caltech community is welcome.

## Caltech Go/Weiqi/Baduk Club

People interested in the ancient Oriental game of Go (also known as Wei Qi or Baduk) are invited to join an informal club. Meetings are scheduled for Wednesday evenings in Winnett Lounge, from 6 to 9 PM, starting October 23. Players of all levels are encouraged to attend. Please bring equipment if you have it. Contact person: Kurt Fleischer, x2819, Mail Stop 350-74, or kurt@egg.gg.caltech.edu.

## Caltech Women's Glee Club Fundraiser

The Caltech Women's Glee Club invites you to see the Rose Parade on New Year's Day 1992. Tickets are \$430, which includes seats and a continental breakfast. Proceeds from this event will provide scholarship help for the Women's Glee Club 20th anniversary trip to Boston in March, 1992.

Ticket order will be taken by mail only, and must be accompanied by a check. For tickets, or more information, send to: WGC Rose Parade, Caltech 2-58, Pasadena, Ca. 91125.

## Throop Peak Hike

The Caltech Y is sponsoring a hike up historic Throop peak in honor of Caltech's centennial celebration. The hike will consist of both easy (4 miles) and strenuous routes and will take place on October 19th at 6:00AM (strenuous) and 8:00AM. For more information, call the Caltech Y at x6163 and ask for Chris.

## Caltech Speech and Debate Meeting

There will be a meeting of the Caltech Speech and Debate Team on Monday, October 21 at 7:30 PM in room 25 SAC. We will discuss plans for our first competition to take place in late November. If you are unable to attend or have questions please contact Jeff Foust at 449-1345.

## The Y News

Everything seems to be settling down at the Caltech Y as we enter an entirely new week filled with a multiplicity of services and activities. Still with us are the remnants of our post-rotation heat wave (which has been downgraded from a Heat Wave to a Pseudo-Heat Wave) as Y events continue to take place.

The Throop Peak Hike is still scheduled for this Saturday (October 19th) and will allow many in the Caltech community the chance to breathe clean air and visit historic Throop Peak. Chris (the Student Events Coordinator) has already been there and can verify the fact that it is truly a moving experience.

Coming up on the weekend of October 24th-27th is the Tijuana Volunteer Trip in which the primary mission is to assist those at the

YMCA de Baja California (for both the people in Mexico as well as those here at Caltech) and future trips are currently being planned. If you have any questions, contact Chris at x6163.

Finally, the Y still has those nutty discount movie tickets available for AMC, Pacific and UA theaters. In addition, we still rent out camping equipment as well as the Y video camera for the cinematically inclined.

For more information on any of the above mentioned activities, and services, come up to the Y (second floor of Winnett Student Center) or call us at x6163.



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# SPORTS

## Soccer News

by Jim Werner

The Caltech Beaver soccer team continues to kick some serious butt, downing cross-town foes UCLA as well as the West German National team. Unfortunately, the Beavers have lost in league play to Occidental, Redlands and Cal Lutheran.

Depending on whether you view a glass of water as half full or half empty, the game against Oxy was either an awesome display of raw offensive talent or a showing of total defensive ineptitude. The final score of the game was Oxy, 6, Beavers, 4. For the Beavers, Gary Eastvedt put in an impressive game scoring twice. Gary's first goal was a solid shot assisted by Rob Whitely. Gary's second goal was a header over the goalie on a cross from Greg Dudey. Greg Dudey also scored himself, beautifully redirecting a corner kick from Todd McLaughlin. Rohan Mahadevan scored the other tech goal, in which he burned by the Oxy defense and sent a scorcher into the net.

Against Redlands, I have been informed that the team played well. The final score was 2-4. Both Caltech goals were scored by Rob Whiteley on through balls kicked by Todd McLaughlin. Greg Dudey commented on the game, "We should have kicked their ass." Senior players Dave Bergset, Kurt Stephens, and Jim Werner failed to make the game, due to the GRE's. Hopefully in the future, players will realize that they have no chance at

getting into graduate school anyway.

Against the Cal Lutheran Arians, the Beavers were seriously outplayed. Considering, however, that they faced the likes of Thor, God of Thunder, the Beavers played well. Ask a player to describe Thor to you. The final score against Cal Lutheran was 1-4. Caltech's sole goal came from a guest appearance by sophomore Jose Garcia.

On a more devastating note, our own coach Phil Howells has come under scrutiny by the NCAA for recruitment violations. No more can we covertly fly in top soccer prospects from around the country and have them escorted around campus by bikini-clad coeds. The Caltech Soccer Booster Association is also being audited. Under this close observation, not all players may receive a new car. This may cause tension, jealousy, and rivalry among teammates, possibly leading to a lack of cohesion.

Despite these setbacks, the Beavers forge onward. Caltech has future home games against Pomona (10/26, 10 am), Cal Lutheran (11/2, 10 am), and the alumni (11/9, noon). The attendance of anyone would be awesome.

**Please note: the Tech meeting have been moved to SAC room 15 on Monday nights (7:30)**

# Trojans Stick Beavers

by Jim Caron

Last Wednesday night the Caltech hockey team made its division I debut against the USC Trojans. Unfortunately things did not turn out the way the Beavers would have wanted it. Caltech was badly outplayed and lost 9-2.

Rumor has it that USC was the pre-season favorites and are expected to go all the way to the finals this year. Caltech was out-skated and out-muscled by the Trojans. The Beavers have got plenty to work on in terms of discipline and positioning if they expect to be competitive against teams like USC.

The performance of the Caltech hockey team on Wednesday is by no means an indication of their ability to play in this division. No one played up to their potential or expectations that night. Part of the reason for the lack of organization for the Beavers is that they only had two weeks of practice due to the late start of the school year.

Perhaps a more important reason for the loss is the mind set of the

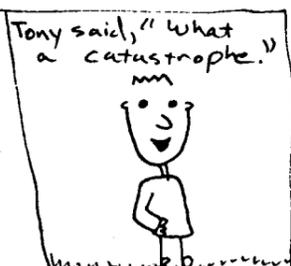
Caltech team as a whole. Normally the Beavers were accustomed to arriving twenty minutes before game time, slapping their equipment and somehow skating away with a win with a margin of at least 5 goals. In division I it is now more important that the players arrive more psychologically prepared to play. The Beavers can no longer rely on just raw talent to win games. They must play with more heart and desire by getting themselves psyched up before game time.

Another thing Caltech is not used to and had better adjust to is playing to large crowds of the opposing team. Just like any other normal collegiate game there are going to be a large number of fans supporting their home team and taunting the visiting team. It is easy to be intimidated by large numbers of people screaming at you but it is something to be expected. The fans were loud, obnoxious, unruly, and rude—it brought back fond memories.

Out of this game came three good performances from the defensive wing of the team. Defensemen Jacques Belanger and Jim "Gizzly" Bower let USC know that Caltech is also capable of playing a physical game. In net was Jason Colley who got into a minor altercation with a USC forward. That is to say, he beat him senseless with his glove and waffle as he sat on top of him. Unfortunately Kurt Stephens was not able to play in the game as he had to meet with his probation officer in Los Angeles.

The Beavers play on Sunday at 11:30 PM in Pasadena against Berkeley. Nobody has heard much about the Berkeley team so the Beavers don't know what to expect. At any rate, it should be a lot of fun so drag all your lazy butts out of bed and show a little bit of school spirit by supporting the only division I sport Caltech has had and ever will have.

### CAPTAIN Jim's Journal

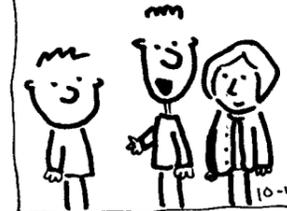


### Jim's Journal

Tony brought his new girlfriend, Jill, over today.



"Jill, I just wanted you to meet my buddy, Jim," he said.



After a few seconds, Tony said, 'I just wanted you two to meet.'

by Jim

## WEEKLY SPORTS CALENDAR

DAY	DATE	TIME	SPORT	WHO	WHERE
SAT	10/19	9:30AM	Cross Country	SCIAC meet	@ La Mirada Park
SAT	10/19	10:00AM	Soccer	Caltech	@ Claremont-Mudd
SAT	10/19	11:00AM	Water Polo	Caltech	@ Occidental
SAT	10/19	1:30 PM	Football	Orange Country Cowboys	@ Caltech
WED	10/23	4:00PM	Soccer	Caltech	@ Whittier
WED	10/23	4:00PM	Water Polo	Pomona-Pitzer	@ Caltech
WED	10/23	7:30PM	Volleyball (W)	Christian Heritage	@ Caltech
FRI	10/25	6:00PM	Volleyball (W)	Invitational	@ Cal Maritime
SAT	10/26	9:00PM	Volleyball (W)	Invitational	@ Cal Maritime
SAT	10/26	10:00AM	Soccer	Pomona-Pitzer	@ Caltech



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