

Frosh Camp Spelled Out

Craig Volden

I've come to the conclusion that the best way to understand Frosh is to assume we know nothing. Our minds are empty sponges, ready to absorb the vast quantities of knowledge Caltech has to offer. Unfortunately, our professors have the notion that we are intelligent; and that they don't need to spell everything out for us. Suscribing to the opposite view, I was asked to write about Frosh Camp.

What is Frosh Camp? Let me spell it out for you:

Familiar. The food, openness, and intriguing bathroom arrangements bore an uncanny resemblance to past Y-Camps--the institutions that parents dream of and children have nightmares about.

Relaxing. Yes, it did have its merits. The free time and chance (although often ignored) for sleep gave us a refreshing (and inaccurate) view of Caltech.

Ocean sickness. Many of the Frosh looked as though the Dramamine played an important

role in their boatripe out to Catalina Island.

Shivering. There is something remarkable about the invention of walls that should have been noticed by the architects of Camp Fox.

Humor. The House Skits and Talent Show displayed low levels of humor, as did the pun, "Good thing the military doesn't use these cabins. AWOL is better than no walls at all."

Code. The Honor Code was one of a series of lectures that many Frosh slept through.

Activities. Various sports, games, and educational activities, such as marine biology and geology sessions, speckled the time we were at camp. The faculty vs. student softball game showed where the true skills at Caltech lie. The score has been discretely left out.

Noisy. Can frosh spell?

Parties. The relaxed atmosphere and continuum of activities allowed us to meet one another and to enjoy ourselves before...Classes (ACK!)



At Frosh Camp, Frosh show their spirit by dunking Sam Weaver in the annual ASCIT presidential dunk.

photo by Steven Lew

Fire System Installed

by Mike McDonald

The fire alarms are becoming a way of life for the students in the South Houses. Since September 8th, there have been twenty false soundings of the alarm. These frequent warnings have the administration and students concerned that in the case of a real fire,

people in the South Houses would ignore the alarm.

In order to educate the students on the new alarm system, a meeting was held on Tuesday with the fire alarm technicians who installed the detectors, the Safety office, the MOSH's office, Housing, and representatives from the four Houses involved.

Just what is the new system? In order to comply with existing fire codes, additional smoke and heat detectors were wired into the old pull alarm system. Previously, the system of detectors, a product of renovation, were separate from the pull alarms.

If triggered now, these detectors will sound the fire alarm and send a signal to both Physical Plant and the Pasadena fire department. Because of the many problems,

however, the entire South House system is no longer hooked into the Pasadena fire department--this includes the pull alarms. This is should be of double concern to students.

What should you do in case of fire in the South Houses? If you see a real fire you should call x5000. Security has a direct link with the LA area dispatch and can call for fire equipment. Security should be called regardless if the alarm has sounded or not. With the new system unhooked as it is now, a member of P-Plant must first come over to the South Houses in order to assess if there is a need to call the fire department. Minutes could be saved if a fire is quickly identified.

It's also good idea to pull the alarm if it hasn't sounded because

continued on page 2

Ex-MOSH Selects Deanship over MOSH Position Brennen Becomes Dean

by Josh Kurutz

Chris Brennen finished his leave from student affairs two weeks ago when he was officially installed as Caltech's Dean of Students. Brennen has been absent from official undergraduate relations since he left the position of Master of Student Houses one year ago.

Brennen said that last year he was, "a bit burnt out after four years as MOSH," and was interested in how his attitude would change during the year away. He concluded, "I really did miss the close relations I had with the students that I had when I was there."

Knowing he wanted to work with undergraduates again, he was given the opportunity to become

either Dean or MOSH, since both positions were vacant. He chose the Dean's job for several reasons.

"For variety," was one of the principal motivations behind his choice. The office also promised to be, "more formal." He also said that the MOSH's job involved having students at his house at odd and frequent hours. "We wanted a little more privacy," said Brennen.

He noted that the choice was not entirely his own decision. His wife, Dorien, played a major role, given that she shared a great deal of the MOSH's burden. As an example, Brennen cited, "In four years, she served over 1500 dinners."

One concern about Brennen is that his perception of the students may change in the new environment. He refuted this, saying, "One

may have to take a different approach to a particular student, but I've been here nearly 20 years, and I don't suspect my attitude toward the students will change."

One of Brennen's first responsibilities as Dean was to help run Froshcamp™. "That went particularly well," said Brennen. "It struck me particularly well how the UCC's participated in the discussions."

The effectiveness of restrictions on alcohol placed on students at this year's camp was of particular concern for Brennen, but not an issue to deal with immediately. "It may be too early to make a judgment. I would like to get together with the UCC's to discuss the matter."

The fact that this is a new job means that Brennen is not entirely familiar with its finer points. "I've been doing a lot of learning about the job this last week. I've been surprised by the number of responsibilities the Dean has."

Brennen's outlook on the job so far leans toward helping students out with academic problems and assisting the Board of Control in its processes.

This learning period constitutes the first stage of a four-year plan Brennen followed as MOSH and anticipates following as Dean. The first year would also be spent thinking of and evaluating changes in the nature of the position. The second year in this framework would be spent instituting particularly important changes. The third and fourth years would be occupied with establishing new traditions or administrative structures.

Brennen tempered this position by saying, "There have been a lot of changes in the academic structure in the last year or so. I don't want too many changes in this structure (until a couple of years go by). However, if changes are merited, I'll pursue them."

Rotation News

by Stephen Lew

As the end of rotation approaches, it's time to start thinking about which houses you will be choosing. You might wonder, "How do I let the powers-that-be know which house I want to be in?"

Before 3:00PM on Saturday, find the Resident Associate in the house in which you are temporarily assigned and give him or her a list of at least four of the seven houses. You can rank the houses with a number between 1 and 7 (inclusive), with 1 being the best. You can rank them any way you desire (even all '3' if you wish). Be sure you rank at least four houses, however, or your preferences will NOT be taken into consideration.

The houses are not required to abide by your ranking, but you will not be picked into any house that you do not rank if you rank at least

four houses. To improve your chances of getting into the house of your choice, talk to the presidents of the houses and tell them of your preferences.

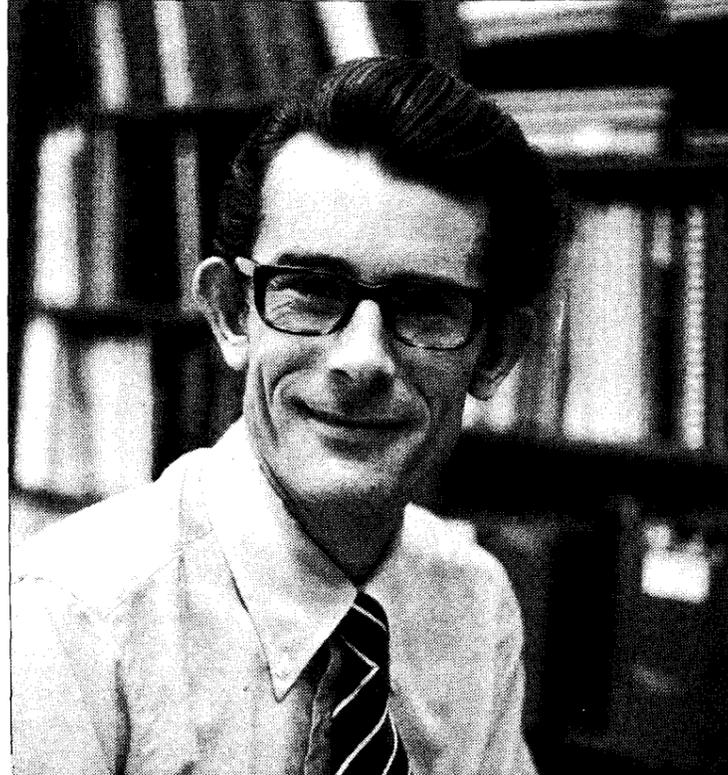
By 6:00PM, the house RA's should have a copy of the "official" frosh selections. Be sure and check to see that they didn't mess up typing in your selections. On Sunday at 9:00PM, a list of who is a member of which house will be posted at Winnett Student Center. If you can't wait that long, you can go around to the houses and find out by talking to the house presidents. They should know by about 7:00PM (or 8 ...).

Each house has their own rituals and traditions for admitting new members. As a whole, they are fun and harmless. But remember if thing get out of hand... Just say no!

Tech Meeting In Baxter Hall Today

The staff of the California Tech will meet this afternoon in Room 127 of Baxter Lecture hall at 12:15PM. All undergraduates who are interested in writing, news photography, or even editing are invited to attend.

photo courtesy Public Relations



The California Tech

EDITORS—Eric Fung • Stephen Lew • Chandra Tucker

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Andrew Hsu

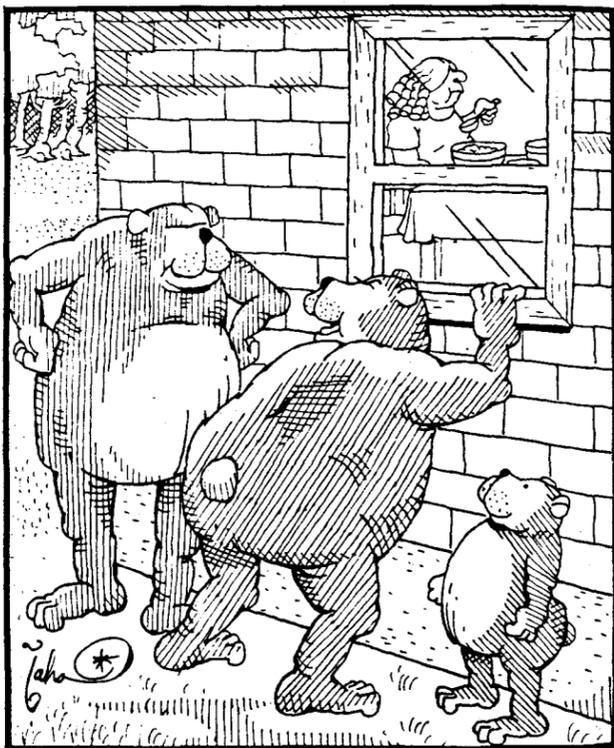
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Odyssey

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I know she sneaks in and eats our porridge everyday, but have patience honey. Its all part of my plan. As soon as she's all fattened up, we strike.

Fire Alarms, cont.

from page 1
people will wake up—they might need a little more encouragement, but it would be important in the case of a real fire to get people out of their rooms. If the alarm sounds you can find out where the possible trouble is by going down to the South House basement by the laundry room. There is a control panel there that shows which zone is sending the alarm signal. The panel currently has some cryptic name plates that identify which zones each House is in, but there will soon be a map which will have all the zones labeled.

Why has the system been sending false alarms? It should come to no surprise to say that there are a number of bugs in the system. Of the twenty alarms rung since the system was connected, 7 have been due to bad detectors, 6 because of cooking and 7 remain unexplained. P-Plant has been investigating each alarm and is trying to correct the flaws in the system. For instance, a new time delay has been added to the system. This new feature resets the alarm, and if in 25 to 115 seconds after the first trigger, the alarm is triggered

letters to the editors

Uncultured and Cultured Barbarism

To the Editors:

These are quotes I found in 1850's material this summer. I hope you find them interesting enough to publish:

"The habit of [novel] reading never yet made a single sober, original, profound thinker. It unfits the individual for the every-day duties of life, and fills the mind with day dreams; peoples the imagination with unreal beings, and fosters the tendency to aerial castle building."

"The chief mark of original barbarism is a servile condition of the female sex. Among savages the women do the drudgery; fetching home the game, tilling the ground, while their lords and masters, the hunting or scalping expedition being over, sit at ease and look on.

Civilization changes this state of things. Women are treated with ever more consideration. Their inferiority of strength is taken into account, and they cease to be servile drudges. They are looked up to with a respect as better and purer than the rough-living men. They are tenderly cared for and watchfully guarded. But when the old barbarism has long died away and is completely forgotten, another sort of barbarism is apt to arise.

Women become mere puppets and dolls, the cherished playthings of men instead of their drudges. To be prettily dressed and prettily mannered, to possess some few pretty tricks of surface accomplishments, that comes to be the beau ideal of a woman...

Manners, in such a state have

outrun morals. Which barbarism is the worse?"

"When such a delectable *morceau* chances to escape some lady's dress, and reaches its destination on the floor, there remains no perfect certainty how long it may occupy that position; for perchance some of the fair ones are obliged to seat themselves in juxtaposition; and no sooner done, than without extra care on the part of the of the skirt owner, such an appendage completely effaces every vestige of the stain, and at the expiration of a lecture or sermon, no one of the self-imposed tobacco drizzlers could (unless by analogy,) have certified to his usual deposit."

"Ditch Day is Tomorrow, Frosh."

—Heidi Anderson

Freshman Mug Books For All

To the Editors:

Since graduation, I've often had occasion to be asked, "Did you know so-and-so? He went to Caltech, too!" Vaguely, I would remember the name and vaguely, I might remember some random stuff off the Frosh Interest Sheets. But, I couldn't place a face with that name! And yet other times, I would see someone, know which house he was from, what year he was, but

his name! And all along I've thought, "If I only had a Frosh Mug Book!"

It's a little late to rectify the past but not too late to change. Starting this year, all underclassmen will get Frosh Mug Books.

Right now, you're Lloydies, Darbs, Flems, Moles, Page Boys, Rudds, and Scurves. But after you graduate, you will be a Techer. Someone will say to you, "There's so-

meone applying for this position. He went to Caltech 2 years behind you. Do you know him?" The answer will be, "Yes." And hopefully, you will remember more good things than bad.

—Anon Alum

PS. If you're in the USC area, park in secure parking! My car was stolen from the street there a month ago.

Editors Note: Because of the generosity of this anonymous alum, ALL undergraduates will be able to pick up a copy of the Frosh Mug book for this year in the Dean's office in Parson's Gates.

again, the alarm then sends the warning signal.

P-Plant is also in the process of replacing bad detectors and cleaning all detectors. These measures will hopefully reduce the sensitivity of the system.

What can be done to reduce the chance that the alarm will sound for the wrong reasons? The first thing that students can do is be aware that just about any amount of smoke can trigger the alarms. Here are some pointers:

- 1) Use the fume vents in the kitchens to reduce the amount of smoke and steam from cooking.
- 2) If there are any activities that may result in a detector sounding (i.e. a bonfire), notify the MOSH's office a day in advance or the Electrical shop at x4984.
- 3) If you suspect a detector is about to trigger (i.e. smoke from burnt toast or flaming frosh), call

P-Plant's Service Center at x4717.

4) DO NOT TAKE MATTERS INTO YOUR OWN HANDS! There is evidence that someone has been tampering with the detectors. The P-Plant has noted a large number of 'trouble' signals from the detectors. A trouble signal is transmitted when there is a loss of power or malfunction of the unit.

Although some of the signals are legitimate, there were a group of signals that all occurred on one night. Everyone would prefer that the system worked smoothly, but that can only be achieved by letting the fire alarm technicians find and fix the bugs. Not only is playing with the alarms dangerous, if there was a real fire, it is also a crime.

5) Be sensible. Hopefully, we can all get some sleep tonight without being awakened by a false alarm—but remember the next time could be real.

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Mike McDonald • Craig Volden
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PHOTOGRAPHERS

Help Wanted

PRODUCTION

Nick Smith

ADVERTISING

Gavin Claypool
Help Wanted

CIRCULATION

Gavin Claypool
Eric Fung
Stephen Lew
Linda Wald
More Help Wanted

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40-58 SAC
California Institute of Technology
Pasadena, California 91125

Phone: (818) 356-6154

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entertainment

Guide to the LA Underground

by Jim Brown

So what the heck is an entertainment column? Does it jump off the page and do little cartwheels and tricks when you look at it, or possibly do a song and dance routine? If so I haven't yet learned how to write one of those. To be frank (or even Sam) with you, by the time you finish reading this, you may not have been entertained at all.

Caltech Y

The Caltech Y is the most important social center on campus after the student houses, and serves as the primary center for clubs and most other campus-wide activities. Officially, the Caltech Y exists to make students aware of moral, ethical, and social issues in the world around them, but the Y provides a cornucopia of other services as well.

Despite its name's implications, the Y itself is completely secular, although it does support several religious groups on campus, including the Caltech Christian Fellowship, Caltech Hillel, the Latter Day Saints, and the Newman Center. For the most part, though, the Y is more of a wholesome but non-religious organization.

The Y is mainly notable for its own activities, events, and services. In direct support of its stated purpose, the Y sponsors speakers on moral, ethical, social, and philosophical issues.

Along similar lines, the Y subsidizes tickets to encourage students to be active socially and culturally. These include tickets for plays and sporting events, discount passes to the Mann, Pacific, and UA theaters, and the (Peter Lindstrom Memorial ?) Fund for LA Philharmonic tickets. The Y also has one dollar passes to use the Pasadena YMCA's facilities for a day.

The Y also organizes and sponsors many activities open to all students. The most widely-used of these is "decompression," which can relieve a lot of the stresses that tend to Jell-O your mind during finals week. Decompression provides hot food, movies, and various other not-particularly-intellectual activities for the stressed-out student, all at no charge.

For easy entertainment on campus, the Y funds concerts in front of Winnet on Fridays, usually at noon, but sometimes in early even-

As a first article, I'd like to talk about some local and not so local bands that are contributing to the L.A. music scene.

If you're from L.A., or even if you're not, you're probably aware that there are more bands running around than there are crooked politicians in D.C. Now in terms of variety, this should be good. But this is L.A., home of heroin addicts and scumbag look alike and sound

alike contests. The majority of the bands in L.A. are metal bands. I have nothing against metal as long as it's creative. Therefore I don't like most of the metal bands out today. You can only play E D E A so many times before it starts to sound the same every time. This goes for all music. Lack of creativity usually results in a lack of audience attention. But rules are meant to be broken, so if an individual is fairly attractive, has long hair, and can play a few chords on a guitar, he'll probably end up doing well in L.A.

I'm sorry if I've offended anyone reading this, but I feel that metal music receives too much hype from the public today. Therefore, I'd like to introduce you to some not so well known bands with a lot of talent.

ing, as well as Wednesday night movies in Winnet. The first of the noon concerts will be next Friday. Be on the lookout for more details. For smaller groups of people, the Y funds a host of sign-up activities, such as the annual fall backpacking trip on September 16th, day trips sailing, horseback riding, and "beaching," and ski trips in winter.

The Y is also a catch-all for many services for students. It provides the lost and found for the campus, buys and sells used books, and rents out camping equipment and sound equipment. Needy students can get loans of up to \$50 for 30 days from the Y, too, and the Y also awards the \$1900 Studenski travel award.

In the Y's office upstairs in Winnet, there is a lounge, a copy machine, and paints and paper for making banners, all of which are available to students, clubs, etc. The Y is also a good place to just hang around, and if you have an idea they may want to sponsor, if you want to find out more about the Y, or if you just feel like being friendly, you'll find that the new Director Paul Gibson, Administrative Assistant Julie Bolster, and Secretary Gloria Brewster are all friendly and helpful. You may want to get involved in Y Excomm and Board of Directors to help the Y serve the student body and to meet faculty and JPL staff in a non-academic environment.

Join the Scam

Well, sort of. As the entertainment editor, I can offer more than personal gratification when you write articles for the entertainment section - I can offer you the latest in promotional items. If you're the type of person that enjoys seeing movies before anyone else just so that you can tell all your friends about the movie, you might enjoy writing for the *Tech*. Talk to Andrew Hsu for more details!

alike contests.

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Minutes

ASCIT Minutes 10:30PM 27 Sept

1. Marty O'Brien has a new ASCIT van release for. We're trying to cover our rears insurance-wise.

2. The Class Listing of Undergraduate Education (CLUE) is out, funded only by ASCIT. No funding from Tech since the TQFR was a farce.

3. Copier was down since Nancy didn't have money.

4. Elections: "2 weeks from this Friday." Class elections, BOC by-law changes, *Tech* editors.

5. New Mexico Institute of Mining and Technology is proposing an academic and athletic competition for their centennial. It's free.

6. Visa card scam.

IHC Minutes 10:30PM 21 Sept

1. Discussion about frosh camp.

2. The frosh should have their picks to the RA's of the house they are rotating from before 3PM 1 Oct. Rob H. will make lists of the picks and give copies to the RA's by 6PM.

3. Does everybody have enough frosh interest sheets? Each house owes the IHC \$10.

4. By Wed. of rotation, Dwight wants lists from each house secretary of the number of frosh currently living in each house, number of transfers currently living in each house, number of open spaces in each house, list of people who are now off-campus who would move on if possible immediately following rotation and

Victor Banna

This band is the fun-est band I've seen in a long time. Their sets consists of 90 percent polkas. I never liked polkas until the night I first saw this band. The group includes two girls: a violinist, and a stand-up classical bassist, along with two guys: a drummer who almost always uses brushes, and the singer who alternates between his fluorescent green acoustic guitar and his accordion.

Their songs have a very satirical political message that glides along with the swanging melodies. While watching the performance, one might wonder if they were watching an a performance art exhibition. But I guarantee that this band is loads of low calorie fun for anyone with a sense of humor.

Divine Weeks

Divine Weeks used to be called The Need when they weren't very good. Now the band is a powerhouse secret. You rarely hear anything about them. Why? I don't know. But if you like rock with flowing energy, this band's one of the best. They were voted in the top then bands of L.A. a year ago. Since then they've been recording. The tour date hasn't been announced but it is sure to be soon. With four members, this band pumps the music. The singer is a madman on a good night. The intensity of his energy on stage parallels the message behind his lyrics. Backed up by a bassist and a drummer, the music drives with astonishing force. Due to other priorities, the guitarist just finished his last performance with the band Sept. 14 at the Celebration Club, which also had it's last production. The band is now getting a new guitarist and is sure to be at it again soon. Look for them!

firehose

As long as I write this column you'll hear me rage about this band. This band is one of the best in the world! The *L.A. Weekly* also voted them number 1 of the L.A. bands. The band used to be the Minutemen, who were a post-punk aggressive trio. About 3 1/2 years ago, the lead singer of the Minutemen was killed in a car accident. Mike Watt, the bassist, and the drummer, George Hurley formed firehose with a new member, Ed from Ohio. Ed, being a huge Minutemen fan, called Mike Watt for days trying for an opportunity to audition for the band. Ed then flew to L.A. and begged even harder. The rest is history. The band is incredible. Mike Watt's bass lines are an adventure all to themselves. Sometimes, the melodies float you through the clouds on a rainy day. Other times, they twist and contort your soul 'til you scream. Usually, they do both simultaneously.

George Hurley is one of the quickest drummers around, not to mention one of the most creative. He doesn't play drums - he talks with them.

Then there is Ed, with a sort-of Michael Stipes (singer for R.E.M.) voice and folkish sounding guitar that adds seasoning to the band. Although he's not the best guitarist in the world, he interacts with Mike and George perfectly.

Together they are firehose, a strong current of music that will stimulate all listeners. See this band!

So there it is. The first column of the year. If anyone has any ideas or comments, get a hold of me, please.

where they are currently living.

5. The first two people picked by a house in the frosh picks must have placed that house #1 in their ranking.

6. Dwight will carry out a card pick for transfers who are currently on campus who would like to move off.

7. Frosh picks will begin at 10AM Sunday.

8. The three card picks for Discobolus challenge order, on-campus picks, and off-campus picks will be held at the next

meeting, which will be 1 Oct, 6PM. Middle round picking order will also be presented.

9. Room picks should be held by Monday after Rotation so that the frosh can move on Tuesday.

10. The list of which house each frosh got into will be posted on Winnet's door at 9PM 1 Oct for those who want to avoid the long lines in some of the houses.

11. Make sure the MOSH's office has an up-to-date list of the combinations to all the rooms, for use in an emergency.

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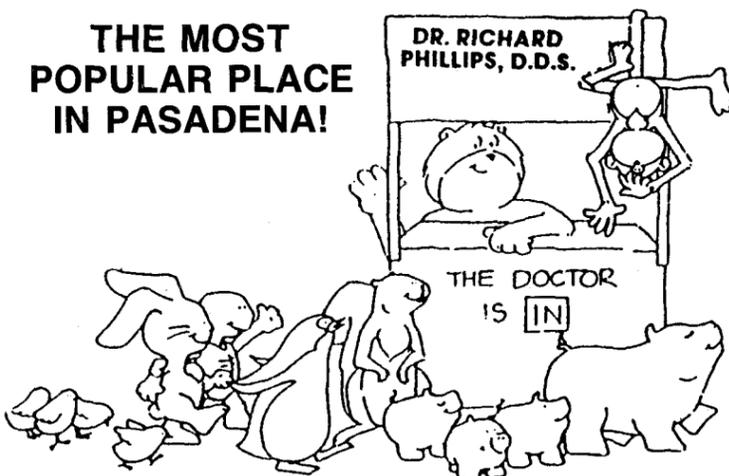
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by Berke Breathed



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California Tech Meeting Today

The staff of the *California Tech* will meet this afternoon in room 127 of Baxter Hall at 12:15PM. All persons interested in writing, news photography, or even editing are encouraged to attend.

sports

CROSS COUNTRY

Martin Places First

by Scott Kister

Last Saturday, for the second time in as many races, freshman Jerri Martin placed first for the Caltech women's cross-country team. This time, however, she finished first overall too, beating every runner from three other teams, including a strong team from Claremont.

Claremont dominated the meet by finishing a runner in every position from second to seventh. Whittier edged Caltech by five points to take second. Caltech finished third by beating LaVerne.

Martin's time on the 3.1 mile course was 19:35, more than two minutes better than her performance the week before. Varsity runners finishing after Martin were Margi

Pollack (22:06), Bibi Jentoft-Nilsen (22:26), Golda Bernstein (23:14), Liz Warner (24:30), Mary Rowe (25:28), and Emmeline Naranjo (26:47)

Close behind were Carmen Shepard, Betina Pavri, Teri Englehard, Ami Choksi, Cynthia Wittman, Dee Morrison, and Maria Toronto.

In a close battle for first place on the men's team, freshman Dan Flees, running in his first collegiate race, edged out Scott Kister. Both Flees and Kister finished with a time of 29:56 on the five mile course. Other varsity runners were Chris Campo (30:53), Paul Socolow (32:17), Mark Lyttle (33:24), Ed Naranjo (33:32), and Kurt Storm (33:40).

Also finishing were Mike Mahon, Andy Crews, John Bowers, Alex Duncan, Chris Raymond, Derek Slye, Mike Ida, Steve McLaughlin, Joe Fierro, Eric Stout, Delwyn Gilmore, Todd Kaplan, and Neil Brandt.

The men's team finished second in the team standing despite having no juniors or seniors among their top nine runners. Claremont won the team competition, Whittier finished third, and LaVerne fourth.

The Beavers next race is this afternoon at 5:00 PM at home in the Lower Arroyo Park. Caltech is hosting Masters, Christ College, Pepperdine, Whittier, and LaVerne.

WATER POLO

Rebuilding in Air

by Al Fansome

The key word for this year's water polo season is rebuilding. Of the nine people in last years starting rotation, only one is left. The team that is still here is young (only one junior and one senior), but it has the building blocks for a powerful team in the future.

The foundation for that team lies in Brian Shim. Captain, in the absence of Devon Leonard, he is displaying leadership and motivation along with his water polo skills. Recognized as Caltech's best freshman water polo player last year, he continues to improve and succeed.

Graham Gitlin and David Geraghty are two other sophomores who are contributing to the team. Junior Ted Rogers is playing all positions and has shown much improvement since last year. The goalie duties are shared by senior Tim Hochburg and sophomore "Big" Bill Swanson.

The team is looking for a lot from its freshman, and they are coming through. Tamaki Murakami is quick in the water and has an excellent shot. Doruk Engin provides superior ball handling capabilities. Lee Burrows is picking up the game very quickly for someone who is just a swimmer, and many more freshman have come out since preseason to help out.

The team has played four games so far this year. The opening loss was to Cal State San Ber-

nadino. Next up was Rio Hondo. Another loss, by a score of three goals to a lot. Tamaki, Shim, and Geraghty each scored a goal.

Chapman, Caltech's next opponent was frustrating with a very tight defense. Again Caltech lost by three goals to a lot. All three goals were scored by Geraghty.

Their latest game, against the alumni, was probably their most fun. With the opposition made up of three people from last year's

squad and many alumni game regulars, the mood was friendly and everyone had a good time. Once again, Caltech lost by a score of three goals to a lot. Geraghty had two goals, and Tamaki the other.

Despite being winless, the team is having a lot of fun and improving along the way. Although the outlook for this season is dim, hopefully the rebuilding will have Caltech ready for the next year.

The Inside World

This week's Inside World was brought to you by:

Blacker: Marty O'Brien
Page: Random Page Boy
Ricketts: Su-Lin Wu

Blacker: Good mORning, everyone, and welcome to BlackOR House, the evil master house of gracious living, fine dining, and bitchen music, such as this little ditty inspired by our experiences at Frosh Camp.

240 bottles of beer at Frosh Camp
240 bottles of beer
Take one down, pass it around
239 bottles of beer at Frosh Camp

Lighter things aside, injuries have plagued many moles this summOR. Harry subjected his car to his driving. Anna, already pining fOR the gIORY days of Frosh Girldom, took a Freudian slip down a mountainside, fracturing her leg. Not to be outdone, Brad was talking to some frosh girls this summOR when he slipped in a pool of slime, smashing his ankle. All of us in BlackOR House hope this type of carelessness will end, but in the meantime we wish both Brad, Anna, and Harry's car a speedy recovery.

168 bottles of beer at Frosh Camp
168 bottles of beer
Take one down, give it to some drunk upperclassman
167 bottles of beer at Frosh Camp

And if you can find the time today, you might reflect in silence fOR a moment in memORY of RORke and Miguel, BlackOR's most recent victims of SCF (Spontaneous Combustion of Frosh).

107 bottles of beer at Frosh Camp
107 bottles of beer
Take one down, send a mixed message to some frosh
106 bottles of beer at Frosh Camp

InsidORs (evil masters of the very bowels of BlackOR House) have revealed BlackOR's picking strategy fOR the Great Grand Frosh Lottery. An anonymous source stated that only frosh with names ending in -ar, -er, -ir, -OR, OR -ur, in the tradition of Cliff KisOR (evil master and overseer of rotation and all its evils), Matt TylOR (evil paraplegic red-haired sophomOR from off-campus), Glenn EychanOR (just plain evil), Mack RhinelandOR (evil master of DinnOR), OR Dave KridOR (the LattOR Day Saint, evil master of the good influence), will be picked into the house.

continued on page 7

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what goes on

Natural History 75 Years Old
On Sunday, November 6, 1988, the Natural History Museum of Los Angeles County officially celebrates its 75th anniversary by offering free admission for everyone to visit the exhibits and programs of the west's largest natural history museum.

Free AIDS Speakers Available
At no charge, members of the American Red Cross AIDS Speakers Bureau will come to speak to groups of six people or more and present the facts about Acquired Immune Deficiency Syndrome—AIDS.

The presentations stress the methods of transmission and prevention of the disease, and include a video as well as a question and answer period. For information, please call the Pasadena chapter of the American Red Cross at (818) 799-0841.

International Student \$\$
The seventh annual International Student Scholarship Competition—a nationwide essay competition for international students studying in the U.S.—is now underway. First prize is \$1,500 to be used for academic or professional advancement. International Underwriters/Brokers, Inc., also will award \$350 to the International Student office of the first-place winner.

GEM Fellowships
The National Consortium for Graduate Degrees for Minorities in Engineering, Inc. (GEM) is accepting applications for its 1989 Fellowship competition which will provide 150 awards to minority students in engineering.

Designed for members of ethnic groups that are underrepresented in engineering, the program's goal is to increase the pool of minority students who receive master's degrees annually in engineering. At the time of application, the *minimum* academic requirement for the student is enrollment in the junior year of undergraduate study in one of the engineering disciplines. Those presently in their senior year or recently graduated are also eligible.

Each fellowship pays tuition, fees and a stipend of \$6,000 per graduate academic year, as well as provides summer employment with a sponsoring Member Employer. The total value of the award is anywhere between \$20,000 and \$40,000 and depends upon which Member University the Fellow elects to attend.

Applications must be received by December 1, 1988. Awards will be announced February 1, 1989. Information and applications may be obtained from:

GEM
P.O. Box 537
Notre Dame, IN 46556

Deadline for the competition is December 1, 1988. International students interested in entering must submit an essay of no more than 1,500 words on the topic: "Important cross cultural clues are often found in humor. Compare humor in your country with humor as you find it in America. Include examples of humorous situations resulting from cross-cultural misunderstandings, either in the U.S. or on your first visit back to your home country."

Additional scholarships will be awarded for second place (\$1,000), third place (\$500) and five honorable mentions (\$100 each). The International Student Scholarship Competition is open to all full-time foreign students enrolled in a prescribed degree- or certificate-granting program at an accredited high school, junior college, college or university with in the U.S. Also eligible are students enrolled in an English training program who plan to pursue higher education in the U.S.

For additional information, rules and entry forms, write: Essay Competition Coordinator; DSD Communications, Ltd.; 10805 Parkridge Boulevard, Suite 240, Reston, VA 22091.

sports

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri	9-30	5:00PM	Cross Country	Masters, Christ College, Pepperdine, Whittier, Loyola	Caltech, Lower Arroyo
Fri	9-30	7:30PM	Women's Volleyball	Occidental JV	Caltech
Sat	10-1	10:00AM	Soccer	Pomona-Pitzer	Pomona-Pitzer
Sat	10-1	12:00NOON	JV Soccer	Pomona-Pitzer	Pomona-Pitzer
Sat	10-1	2:00PM	Football	S. F. Valley Freelancers	Caltech
Sat	10-1	2:00PM	Women's Volleyball	Redlands JV	Caltech
Wed	10-5	4PM	Water Polo	Pasadena City College	Caltech
Wed	10-5	7PM	Soccer	LaVerne	LaVerne
Wed	10-5	7PM	Women's Volleyball	Occidental JV	Occidental
Wed	10-5	7:30PM	Wrestling	El Camino College	El Camino College
Thur	10-6	7PM	Football	Australian National Team	Harbor College
Fri	10-7	7:30PM	Wrestling	Cuesta College	Cuesta College
Sat	10-8	All Day	Wrestling	Cuesta College Tournament	Cuesta College
Sat	10-8	9:30AM	Cross Country	Claremont & Redlands	Redlands
Sat	10-8	10AM	Soccer	Redlands	Redlands
Sat	10-8	2PM	Women's Volleyball	Cal. St. San Bernadino JV	Caltech
Sat	10-8	All Day	Water Polo	Caltech Classic	Caltech
Sun	10-8	All Day	Water Polo	Caltech Classic	Caltech

SAMPE Call For Papers

The Society for the Advancement of Material and Process Engineering (SAMPE) is now accepting abstracts for papers to be presented at next year's Third International Electronics Materials and Processes Conference. "Electronics Materials for the 90's and Beyond" is the theme of next year's conference.

Topics being solicited include engineering, low-dielectric materials, EMI/ESD shielding, electronics materials, conductive materials, electronics packaging, photonics, printed wire board materials, manufacturing process controls, surface-mount technology, advanced plastics and polymers, fabrication of electronics devices, microelectronics materials, electronics adhesives, coatings and encapsulations, and electronics ceramics.

To be eligible, two copies of 100 to 250-word abstracts should be sent to Program Chairman Fredrick F. Saremi, Keen Corporation, 9433 Hyssop Drive, Rancho Cucamonga, CA 91730, by October 14, 1988. All entries must include author's name, affiliation, business address and telephone number. Only unpublished work will be considered. Final papers must be completed and submitted by March 15, 1989. Provisions will be made for material subject to FEDD and other contract-limiting requirements.

For additional information about the Third International Electronics Conference, and SAMPE, please contact Marge Smith, business director, at P.O. Box 2459, Covina, CA 91722, or phone her at (818) 331-0616.

Opera Auditions

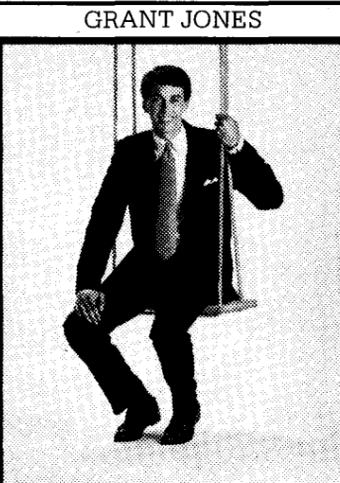
The 1988/89 Los Angeles District Auditions sponsored by the Metropolitan Opera National Council will be held October 20-22 in Hancock Auditorium at U.S.C. The auditions are open to singers between the ages of 19 and 35 whose voices are of the operatic caliber, who have had voice training, and who have the recommendations of two qualified sponsors.

Winners receive cash prizes and may compete in the Western Regional Auditions to be held November 10-12 at U.S.C., with the opportunity of progressing to the national finals competition at the Metropolitan Opera in New York.

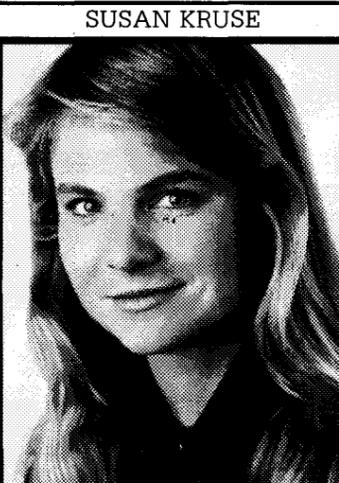
Applications for the Los Angeles District Auditions, which are now being mailed to singers, voice teachers, and coaches, must be returned by October 6. Applications may be obtained by writing to Metropolitan Opera Auditions, P.O. Box 80638-A, San Marino, CA 91108.



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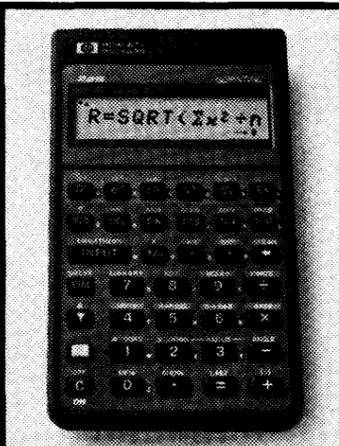
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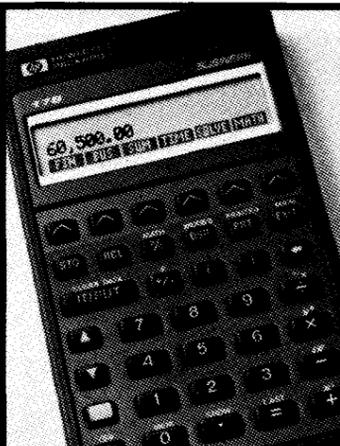
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Late Additions Humanities Offered

The following humanities courses for fall semester were either not included or not described in the catalog:

SS 33. Introduction to the Law. 9 units (3-0-6). An introduction to Anglo-American law from both the legal and the social scientific point of view. Subject can vary from year to year. Available for introductory social science credit.
Instructor: Strnad
Tue., 1-3; Wed., 2.

H 110. Early Modern Europe 9 units (3-0-6). Topics in social and economic history of Europe up to the 19th century, with special attention to quantitative analysis. Topics will include the crisis of the later Middle Ages, violence and religious change, and revolution and political stability.
Instructor: Hoffman
Tue., Thur., 2 - 3:30.

H 134. History of Late Imperial China. 9 units (3-0-6). An exploration of several major problems, including the growth of autocracy, population development, social mobility, and the Ming-Qing dynasty transition in the history of China, from the formation of the Mongol empire to the eve of the Opium War.
Instructor: Lee
Mon., 7:30.

H 152. America in the Era of Roosevelt and Truman. 9 units (3-0-6). Topics in the history of the Depression, World War II, and the origins of the Cold War.
Instructor: Moore
Mon., Wed., 10 - 11:30.

H 161 & Lit 180. Venice in History and Literature. 9 units (3-0-6). Venice was, from its beginning, unique among the Italian city-states of the Middle Ages and Renaissance. Byzantine rather than Roman, with no protective hinterland, or resources beyond the cleverness of its citizens, it developed a style of government and a trading empire that were highly successful and dependent upon secrecy. Europe came to be fascinated with Venice and the city came to stand as a symbol of many things, generating a dazzling literature.

In a two-term course that may be taken for Advanced History or Advanced Literature credit, Professors Searle and Sutherland will explore the city's reality and its reputation simultaneously. The size of the class will be limited to allow discussion.

Wed., 2 - 5.

Lit 180. Literature and Science: Animal, Human, Cyborg. 9 units (3-0-6). This course will explore what it means to be human in contemporary literature and science,

now that humans are bracketed by animals on one side and by cybernetic devices on the other.

The literary responses range from Calvino's *Cosmicomics*, with its vision of a universe in which man remains (however absurdly) the measure of all things, to Lem's *The Cyberiad*, with its suggestion that robots should also have "human" rights, to Gibson's *Neuromancer*, in which everyone from punk rockers to aristocrats play with cybernetic modifications of their bodies.

In science, an increased awareness of a range of life forms is the basis for Gillian Beer's re-reading of Darwin as an essentially literary text. For Donna Haraway, primatology--the study of animal sociology--serves to illustrate how culturally conditioned and self-reflexive even good science is. For Michel Serres, inserting cybernetics into the chain of life signals the transition from an economy based on goods to one based on noise.

Through these readings, we will tackle such questions as how literary form is affected by the bracketing of humanity, whether cybernetics can effect a synthesis between literature and science, and whether science, like literature, holds a mirror up to nature but only sees man.

Instructor: Hayles
Wed., 1 - 4.

what goes on

from page 8

Come Watch the Shuttle Return
If you missed last night's SEDS meeting to plan for attending the shuttle landing, but are interested in going, call Irwin Horowitz at x4051 or 577-2788.

Foreign Student Job Search

There will be a seminar on Wednesday, October 5 at 12:30 pm in Winnett Clubroom 1, covering such things as: on-campus interviewing procedures for foreign students; information on practical training visas; expanding your job search in the U.S.A.; preparing a professional resume and application package. Please sign up in the Career Development Center, 08 Parsons-Gates, x6361.

Free Weekend Trips!!!

What course offers you 3 units of credit just for travelling out of town twice a term--all expenses paid--to be in the company of witty, articulate people from all over California? If this sounds like a dream come true, it may well be--it's called Debate at Caltech. Yes, Debate is alive and well here, awakened last year by an enterprising soul. Currently, the club is sponsored by political science prof. Bruce Cain and has about 20 members, but more interested people are always welcome.

Caltech is a member of the Cross-Examination Debate Association and the Club's emphasis is on CEDA debate, which is not as much work as policy debate and allows more good argument. However, we support and encourage anyone interested in policy debate and individual events such as oratory, after-dinner speaking, literary interpretation--just name it! All that is required is reasonable speaking skill and the ability to think on your feet--and perhaps some time here and there for research, etc. NO prior experience is required.

We (the club) can be contacted: a) by leaving a message for president Sam Dinkin at x6828 or 6173; b) by dropping a note through campus mail to 100-58; c) leaving a message with the coach at 796-9538; d) skywriting on clear day...? But you get the idea. We're accessible. We'd like more members--it leads to all kinds of good things. (What good things, we'll tell you when you join!) So join today!!!

Russian Language Workshop

The Caltech Russian Language Workshop has begun its 1988-89 season. The workshop meets each Wednesday evening in Steele lab, room 110, from 7-9 pm.

The study program is geared to present or former students of Russian who wish to maintain or update their knowledge of the language. Emphasis is on proverbs, vocabulary building, grammar review, selected readings and oral practice. For information phone Larry Mak (JPL) 77-46748, or simply stop by.

NHSF \$\$

The National Hispanic Scholarship Fund is offering scholarships to Hispanic American students. The application deadline is October 5, 1988. For further information, please contact the Financial Aid Office, 515 S. Wilson.

Coffeehouse Hours

The Coffeehouse located in the basement of the South Undergrad House Complex will be open 9 pm to 1 am during undergrad rotation, and will be closed on Sunday 10/2 altogether. We will resume our regular hours, 7 pm to 1 am daily on Monday 10/3.

Corporations and Careers

Hughes Aircraft Co. and *Hispanic Business* magazine are sponsoring "Corporations & Careers," a one-day seminar for professionals and students on the road to success. The seminar will be held from 8AM to 4PM on Oct. 29 at USC's Davidson Conference Center. Applications for participation are due Oct. 19. Participants will be considered for one of three \$500 scholarships. For more information, see Carol in the Career Development Center, 08 Parsons-Gates, or call x6361.

SAC Services

If you're interested in reserving a room in the SAC, are looking for a *Totem* or the 1987 *Big T*, need to buy a copycard, want to register to vote, etc., there are now 2 people in the SAC to help you! Milly Peña is available from 1 pm to 5 pm and can be found in Room 38 of the SAC. Nancy Matthews works in the SAC between 8 am and 6 pm, and holds office hours between 1:30 and 3:00 pm, M,T,Th,F.

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.

For further information stop by the Deans' Office. Applications are due by October 10, 1988 for the Spring, '89 program.

Solow Speaks On Productivity

The Caltech community--students, faculty and staff--are welcome to attend the address that Dr. Robert M. Solow (Nobel Laureate, professor of economics from MIT) will be giving to The Associates prior to the Black Tie Dinner on October 5. The dinner following the address is by invitation for The Associates. The talk will be at 6:30 pm in Beckman Auditorium. The theme of the talk will be "American Productivity and International Competitiveness."



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More Inside World

from page 5

72 bottles of beer at Frosh Camp
72 bottles of beer
Take one down, play another round of ThumpOR
71 bottles of beer at Frosh Camp

What we say to Frosh: "Hey Frosh, welcome to BlackOR house. We're all a really neat bunch of people -- a family, you might say. Yea, we always have such a great time here in BlackOR."

What they hear: "Blah Blah BlackOR Blah."

31 bottles of beer at Frosh Camp
31 bottles of beer
Take one down, throw it back up
30 bottles of beer at Frosh Camp

So until next week, study hard, keep singing the *Lost Luggage Blues*, and take your clothes off the line if it rains.

1 bottle of beer at Frosh Camp
1 bottle of beer
Take one down, smash it against Ricketts House
Gee this song sucks.

-Get up. Are you going to sleep foRever?

Page: Well, gosh. Hmmm... Well, there's not a lot going on in Page this week... Oh, wait...

Rotation Highlights

Due to the plethora of low-quality imitations of the Original, World-Famous Rotation Video we have started up the Original, World-Famous Dial-a-Page Phone Service (795-8606, \$2 per call, kids should ask their parents before dialing. There will be a new message each day of rotation.)

Advice to Frosh

We know that you're excited almost to the point of ecstasy by all these upperclassmen taking interest in your intimate personal details. Enjoy it while it lasts. In case you are somewhat put off by the prospect of spending the next nine months in a vain attempt to regain any similar kind of attention from your non-frosh housemates don't forget that if you hurry you can still probably get yourself into a beach school for the winter quarter. Apply now and beat the rush. If you are willing to endure mild physical abuse and harsh judgement and ridicule for your innumerable social gaffes be consoled that you can pass on these thoroughly delightful Caltech traditions to the next batch of emotional infants that the admissions office invites. Don't take any of this too seriously.

In Passing

Francis the Sea Urchin-9/25/88. He loved his kelp.
25-19-9-4-15-10 9-11-24-19
24-11-3'10 14-11-2 20-5-18-19 5-3-14-10-20-15-3-6 13-19-10-10-19-4 10-11 24-11 7-15-10-20 14-11-24-19 10-15-26-19?
-26-4. 17-5-2-6-20-25, 13-5-8-9 5-3-24 13-19-10-19-4 10-20-5-3 19-18-19-4

Ricketts: Getting up at 7 AM for class is OBSCENE! There is just no way I can take notes while trying to unstick my eyelids from my face. It is impossible to think while booting up the ole back burners. In short, I don't wanna.

Rotation is almost over. Thank goodness. The smell of burning cats was beginning to permeate my room. Oh, you didn't know? Ricketts Hovse lights their fires using cats. They are nicely flammable and provide sound effects. That is why we have so many. We raise them during the year and then during rotation they mysteriously disappear. (Can we all tell that I can't think of a thing to write?) Since John Schmidt is watching me write this I'll have to write something evil, mean and nasty about him. (No you don't - John) Did you know that every Wednesday between the hours of two and three in the morning John has to bow three times toward Ithaca and burn sacrificial tufts of hair, while muttering, prayer-like? That's why his hair never seems to grow. Brian told me this and we all know Brian is ALWAYS right.

Well, I've compiled the statistics and the results are in:

List of Scurvelly Sorts Most Subject to the Activity of Their Hormones:

10. Jerry's brain (and nothing else!)

9. Gaylon

8. Josh

7. Plu

6. Sammy Sweaver

5. Gabby

4. Jon Hartzberg

3. Cookie

2. Tom Tromey's hair

And the Scurvelly Sort Most Subject to his hormones...

1. Every particle of Drew's being

Look! A whole Inside World without saying a word about Samer's nose! (Did you know that if you push at it, it gets really stiff and hard?)

Later Dude-like people!

-Pip-Squeek

AIM HIGH

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what goes on

Announcements for *What Goes On* should be submitted on an announcement form available in the SAC copy/mail room (Room 37) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 40-58, or put them under the door of Room 40A of the SAC. Announcements must be received by the Tuesday prior to publication.

Bookbuilders West \$\$

Bookbuilders West is offering \$1,000 scholarships to students in their junior year who are interested in pursuing a career in the book publishing industry. Each scholarship recipient will also be eligible for participation in a summer internship program. The deadline for application is October 31, 1988. For further information, please contact the Financial Aid Office, 515 S. Wilson.

Amelia Earhart Memorial \$\$

The Zonta International Foundation is offering grants of \$6,000 each to qualified women for graduate study in aerospace-related science or engineering in memory of Amelia Earhart. The deadline for application is December 31, 1988. For further information, please contact the Financial Aid Office, 515 W. Wilson.

Engineering \$\$

The National Society of Professional Engineers is offering scholarships to undergraduate and transfer students who are pursuing a degree in engineering. The deadline for application is December 1, 1988. For further information please contact the Financial Aid Office, 515 S. Wilson.

Railway Engineering \$\$

The American Railway Engineering Association (AREA) is offering two undergraduate research fellowships for engineering students who have a potential interest in railway engineering careers. The fellowships are in the amount of up to \$4,000 each. The deadline for application is October 15, 1988. For further information please contact the Financial Aid Office, 515 S. Wilson.

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 extended formal study at a foreign university. They encourage, instead, an informal break in the normal sequence of undergraduate/post-graduate education. Caltech students are frequently chosen for this award. In fact, a 1988 graduate, Ken Haynes, is on a Watson Fellowship this year.

Drafts of project proposals are due on Friday, October 14th. Seniors interested in applying for these travel fellowships should talk to Jeanne Noda in the Deans' Office, 102 Parsons-Gates.

Theatre Arts Gets Organized

Caltech Theatre Arts will hold its organizational meeting on Sunday, October 9 at 2:00 pm in Winnett Lounge. Anyone who is interested in Theatre: be it acting, being on technical staff, playing in the orchestra, watching shows or just interested in having fun should be sure to attend. If you have any questions about the program, feel free to contact us at 356-6259 before the meeting. Hope to see you there!

Electron Microscopy \$\$

The EMSA Council (Electron Microscopy Society of America) is offering an undergraduate scholarship program to further the educational and research potential in students intent in pursuing electron microscopy as a career. The applicant must be a U.S. citizen or resident alien and a full time undergraduate. The application deadline is Nov. 15. For further information please contact:

Dr. Robert Price
Bio-Architectonics Center
Case Western Reserve University
2119 Abington Rd.
Cleveland, OH 44106
or contact the Financial Aid Office, 515 S. Wilson.

More Engineering \$\$

Equal Opportunities Publications, Inc. is offering two non-renewable \$500 scholarships to honor outstanding women, minority, or handicapped students who are pursuing a career in Engineering. For further information please contact the Financial Aid Office, 515 S. Wilson.

Goddard Memorial Scholarship

The National Space Club is awarding a \$7,500 scholarship for the academic year 89-90 in the memory of Dr. Robert H. Goddard. The 1989 award winner will also be introduced to the nation's leaders in science, government and industry. The applicant must be a U.S. citizen, in at least the junior year, and have the intention of pursuing undergraduate or graduate studies in science or engineering during the interval of the scholarship. The deadline for applications is Jan. 6. For further information please contact the Financial Aid Office, 515 S. Wilson.

Tutors Needed

The High School Saturday Science Program will need tutors, beginning October 1 and ending May 13, 1989. Applicants may call x6207 or x6208 or come by Lee Browne's office at 515 S. Wilson.

JPL Arts & Crafts Fair

JPL/Caltech employees, contractors, their families and CEC members and their families will be exhibiting handmade craft items from October 21-23, to benefit the Child Educational Center. Registration for exhibitors closes on September 30. The CEC will receive 20% percent of the price of each item sold. For more information, call Peggy Panda (818) 397-9303 or Lisa Cain-Chang (818) 354-3418.

Guitar Classes

Guitar classes for the fall quarter will meet on Tuesday, starting October 4 in Room 1 of the SAC. The schedule is as follows:

Beginning class: 4:30-5:30 pm
Intermediate class: 3:30-4:30 pm
Advanced class: 5:30-6:30 pm

Classes are free of charge to Caltech students (and other members of the Caltech community, space permitting). Undergraduates can receive 2 units of credit of they choose. Classical and Flamenco repertoires will be explored but the techniques transfer to other styles of guitar. The Beginning class includes a jazz and folk chord system. Private instruction on any level can be arranged. The instructor, classical guitarist Darryl Denning, has an international recording, performance and teaching background and can be reached at (213) 465-0881.

Oh No, Another Totem!!!

Attention writers, poets, and artists! The second *Totem* in as many years will be coming out this year, in the spring. Within the *Totem* will be a complete and diverse collection of Teachers' expressed wisdom and imagination. If you want to see your creative efforts in print, send in those stories and drawings. Address works to mail code 116-58. For additional info contact Sam Dinkin (1-59 or x3828), or Erik Russell (Annex #5, 1-59, x6188). Also available are extra copies of previous issues of the *Totem*.

Scandinavian Scholarships

The American Scandinavian Foundation of Los Angeles (ASFLA) is offering 6 scholarships for 1988 to upper and graduate students with demonstrated interest in Scandinavia. Applicants must have strong academic qualifications and be majoring in business, arts, science, journalism, linguistics or music. The deadline for applications is Nov. 15. To request an application, write (or call) Jane Sandler, 217 N. Irving Blvd., Los Angeles, CA 90004. (213) 463-5394.

The Muppets Take Caltech

Do you have a talent for drawing? ... painting? ... making puppets? Well, have we got a competition for you! Jim Henson's (yeah, the Muppet Man!) *Character Design Competition* can actually win you BIG BUCKS! Your assignment is to create "a two-character team of any nature or creature type." Lotsa leeway, huh? The "jury" will be looking for originality of concept and quality of execution—but the actual style of the characters is up to you! The sky's the limit: anything from a three-faced animated fire hydrant to a purple Spuce (of course, everyone knows REAL Spuces are green with yellow and orange beaks).

The presentation can be in any medium: slides, 2D or 3D, puppets, videos, software—but Puhleeze, no "live" performances! The deadline for all entries is February 24th, 1989, so start concocting some goodies now. Only entries from full-time undergraduates and graduates will be accepted. The deadline for receiving the artwork at Jim Henson Productions is March 1st, 1989.

Now for the important part: First Prize—\$1000; Second Prize—\$800; Third Prize—\$600; Fourth Prize—\$500; and Fifth Prize—\$400. To receive an entry blank, call Will Morrison at Jim Henson Productions, (212) 744-5207 (a 24-hour open line), or write to the same fella at the same place (Come see the posters in the SAC at the California Blvd. entrance and at the Orange Walk entrance).

Good luck—and remember, it takes Teachers to come up with the truly freaky.

Register to Vote

The deadline to register to vote is drawing near—October 11, 1988. Please come by Rm. 64 of the SAC to pick up your voter affidavit, or go to the Hill Ave. Branch Library, 55 S. Hill Ave. Register and vote, or you have no right to complain about who wins!

Add Three Credits Of Clay

Be spacey, play with clay. Cross the border and walk over to Polytechnics ceramics studio. Learn to use the pottery wheel, spray glazes, or do some sculpture. 10-week class, Wednesday nights 7-10 (or lab hours). Ceramic instructor: Stuart Freed. See Nancy Matthews, Rm. 64 SAC for more info.

SWE Speaker!

The first meeting of the year for the Society of Women Engineers will be Thursday, Oct. 6 at 6:30 pm in Room 25 SAC. The speaker will be Beth Snyder, a space shuttle engineer at Rockwell and president of the L.A. SWE section. All undergrads and grads, male and female, are invited to attend SWE's first meeting and get involved with SWE on campus. Refreshments for the meeting will be PIZZA and sodas. For more information, feel free to call Charlotte at x3962 or leave a message for Catherine at x3629.

DarkRoom Users' Group

D.R.U.G., the DarkRoom Users' Group, maintains a large and well-equipped photographic darkroom in Room 39 of the SAC (south undergrad houses basement). If you are interested in using the darkroom to develop and/or print film, please come to our organizational meeting Saturday, 1 October, at 2 pm in the darkroom. We will decide dues, cabinet rental fees, etc., and will draw up a wish list for new equipment. For more information, call Mark Looper at 304-0006 or x6634.

Cinemattech Shows Bogart

Continuing with the fine tradition of bringing you the best of the world of cinema, Cinemattech kicks off its 1988-89 season this Saturday night with one of the true American film classics, *The African Queen*. Directed by the late John Huston, this film pits Humphrey Bogart, the heavy-drinking, survival-minded skipper, against Katherine Hepburn, the prim spinster sister of a missionary whose church is destroyed by invading Germans during WW I. What follows is a war of wits between Bogey and his passenger, who decides to reform him as they battle the elements and eventually the enemy in this classic combination of laughs, drama and excitement. The film will be shown on Saturday, October 1st at 7 and 9:30 pm in the Baxter Lecture Hall. (Take a break from the rotation meeting and bring the whole house over!!) The admission will be \$1.50 for all. For more information, contact James Shih, x3968.

Gene Wars

On Wednesday, October 5 at 12 noon in the Judy Library in Baxter, Professor Keith Yamamoto will speak on the subject of "Gene Wars: Military Funding, Research and Development for Biological Defense." Professor Yamamoto, a professor of biochemistry at UC San Francisco, is part of the series of seminars on science, ethics and public policy. Open to the public, brown bag lunch optional.

New Music Class

MU50 is new to Caltech (Prof. Catlin has taught the same course at UCLA and the students there think it's the cat's whiskers). The course will survey the music and related performance traditions of South, Southeast, East Asia, India and Oceania (the South Pacific). Each musical tradition will be discussed, using the techniques of ethnomusicology, history, anthropology, and organology (the study of musical instruments). The cultural significance of musical performances in court, village, tribal, urban and religious contexts will be explored, based on readings and class lectures. These will be illustrated by recordings, live demonstrations by Asian musicians, and videotapes and films of actual performances. For final reports, students will be encouraged to attend local Asian events involving music. A music background is not required. The class meets MW 1:30-3:00 in 25 Baxter. If there are any questions please call Prof. Catlin at x3614 or (818) 785-1498.

Is "The Land of the Free" Free?

If human liberty is an issue of concern to you, come join the Caltech Students for Individual Liberty. Next meeting: Wed., Oct. 5, 7:30 pm, Winnett Lounge.

Everyone reads the Tech...

continued on page 7

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