

THE CALIFORNIA TECH

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PASADENA, CALIFORNIA

FRIDAY, MAY 23, 1997

David Baltimore appointed as new president of Caltech

BY MEDIA RELATIONS

PASADENA, 13 May 1997 — Dr. David Baltimore, one of the world's leading scientists and winner of the 1975 Nobel Prize for his work in virology, has been appointed president of the California Institute of Technology. The announcement was made Tuesday, May 13, by Dr. Gordon E. Moore, chair of Caltech's Board of Trustees. Baltimore will assume the presidency this autumn, succeeding Dr. Thomas E. Everhart, who has served for the past 10 years.

"David Baltimore is perhaps the most influential living biologist, and surely one of the most accomplished," Moore said on announcing the appointment. "He is our nation's leader in the effort to create an AIDS vaccine, and he was a major player in the creation of a national science policy consensus on recombinant DNA research."

He played a pivotal role with Paul Berg, Maxine Singer, and several other

eminent biologists in the mid-1970s in creating a consensus on national science policy regarding recombinant DNA research. This nationwide effort helped allay reservations about genetics research, and also established research standards that are followed by the genetics community to this day.

Baltimore has also been a major figure in Washington as head of the National Institutes of Health AIDS Vaccine Research Committee, and also in 1986 as co-chair of the National Academy of Sciences and Institute of Medicine's committee on a National Strategy for AIDS.

"Dr. Baltimore's colleagues have described him to us as subtle, perceptive, and keenly insightful about people and complex issues, and as having the mind of a

humanist as well as a scientist. Caltech's faculty, students, staff, alumni, and friends will find him a fascinating person with whom to work and from whom to learn."

Baltimore, 59, was born in New York City and earned his doctorate at Rockefeller University. He did postdoctoral work at MIT, and later worked as a research associate at the Salk Institute for Biological Studies in La Jolla, Calif., from 1965 to 1968.

He joined the MIT faculty in 1968, and was appointed to a full professorship in 1972. After founding the Whitehead Institute, he served as its first director until 1990. He was a professor at Rockefeller University from 1990 to 1994, and Rockefeller's president in 1990 and 1991. Since 1994, he has been the Ivan R. Cottrell Professor

of Molecular Biology and Immunology and the American Cancer Society Research Professor at MIT.

His honors include the 1970 Gustave Stern Award in Virology; the 1971 Eli Lilly and Co. Award in Microbiology and Immunology; the 1974 National Academy of Sciences' United States Steel Award in Molecular Biology; and the 1975 Nobel Prize in Physiology or Medicine. He was named to the National Academy of Sciences in 1974, and in 1978 was elected a member of the Pontifical Academy of Sciences. He is also a fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, a foreign member of the Royal Society in England, and a fellow of the American Academy of Microbiology.

He is married to Dr. Alice Huang, Dean for Science at New York University and also an eminent biologist. The Baltimores have a daughter, Lauren, who recently graduated from Yale and now works in New York City.

"David Baltimore is perhaps the most influential living biologist, and surely one of the most accomplished."

Ditch Day was Friday!

BY RON DOLLETE

I knew when I awoke to hammering and welding at 7 in the morning that one of Caltech's oldest existing traditions, Ditch Day, was upon us.

We all know about it — the day when seniors muster up their creativity and ingenuity to come up with the greatest stack ever seen. Or at least that's what their hopes are.

In a test of militaristic achievement, participants of the Commando stack (care of the Page and Fleming RAs) were involved in a variety of tennis-ball-launching, court-yard-crossing madness.

Of course, there was also the Gratuitous Sex stack, with the brie falling bit by bit into acid when the undergrads made mistakes, or the Mission: Impossible stack employing a real life game of Minesweeper.

Partakers of the Brady Bunch stack not only got to dress in hip 70's clothes, but also got to perform a little noontime concert to raise money for their dog's ransom.

In the self-dubbed Greatest Stack In The World, underclassmen played a Sneakers-



Flems celebrate Ditch Day with a sign of the times.

like role where they avoided motion detectors, killer computers, and also had to record a conversation with a professor on tape and then splice and re-record his words in order to receive the next clue.

In the ultimate brute-force stack, the 24 victims in The Downward Spiral endured through fourteen torturous trials, one for each song on the Nine Inch Nails CD, claiming responsibility to three mauled

shopping carts, two shattered bats, a convert to the Church of Swinetology, a hand injury, an ankle injury, the bald and scrawny member of Fleming House, everyone avoiding the kosher stuff, Tim not remembering anything, a pig in the basement of Thomas, and Spam in the stomachs of all. In the end, the participants were stumped by a the most enigmatic puzzle of all: Trent Reznor's lyrics.

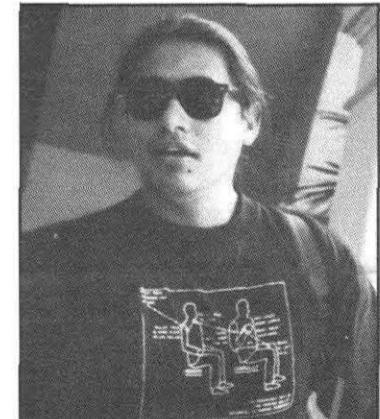
Students awarded Dean's Cup for improving undergraduate life

BY SUZETTE CUMMINGS

The Deans' Cup Awards were presented at a luncheon in The Athenaeum on April 28, 1997. These awards, accompanied by small cash prizes, are designated for students whose concern for fellow students is demonstrated by persistent efforts to improve the quality of undergraduate life.

Michael Herrera and Tim Uy each received a 1997 Deans' Cup. Mike Herrera received the Cup for his contributions to Caltech and his fellow students. Mike has been very active in the underrepresented minority student community, serving as co-president of CLASES last year.

and secretary in the prior year. He has been one of the stars of Challenges and Choices at New Student Orientation and has tutored community students through the Caltech Y.



Michael Herrera, recipient of the Dean's Cup

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LETTERS TO THE EDITOR

Mistrust spoils gift of doughnuts to security guards

To the Caltech community:

After hearing about the unfortunate incident with Dabney's palm tree, we decided to share with the Caltech community our recent experiences with security?

As many of you may know, first term, Blacker tried to give doughnuts to security. The idea was to get doughnuts and coffee from far Foster's,

put them on a box (table) by the motion detectors, and then set the motion detectors off and run. Unfortunately, they got caught in the process, and as far as we know, they never tried again.

We at IBF had heard about their attempt, and we recently decided to try it for ourselves, to see if we could do a slightly better job of it. So we went and got the doughnuts and coffee, found ourselves a box, and made our way down there. We set the stuff up, put up signs to direct security to it, and had someone set off the motion detectors. However, we were careless enough to send someone who didn't know where the motion detectors were or what they looked like, and so when he saw an (unrelated) flashing light, he ran. We didn't discover his error until we went down later to check things and discovered that the food was completely undisturbed. After feeling silly for a while, we decided to try again.

So once again we equipped ourselves with doughnuts, coffee, and box and traveled to the motion detectors. We set everything up, hung our sign, set off

the motion detectors (for sure, this time), and ran.

And the next night, when we went down to check, an interesting sight met our eyes. The box we had used as a table was gone, although our sign had not been touched. And what of the coffee and doughnuts which we had left with such care for security?

The doughnuts and coffee, along with the note and an anonymous photocopy of an ID card that we'd left for security's benefit, had been stacked in a neat little

pile right underneath the first motion detector. We decided that they were just playing games with

the empty containers, and so we went to remove them to neaten up the tunnels (though the thought of a trap gave us some pause). It was then that we made a rather stunning discovery:

They hadn't even touched the food!

Once we had completed our (rapid!) exit, we discussed the results of our excursion.

All in all, we were rather disappointed by the way in which they rejected our offering. Not only did they ignore the food we'd gone out of our way to provide them with, they also left the debris for us to clean up, and they left it in what appeared to be a trap. They didn't have to eat our food if they didn't trust us, but they could have at least disposed of it instead of leaving it in the tunnels. If we hadn't come back to check on it, the remains of the food would have just sat there and collected cockroaches and mold. (Although we do appreciate a good fungus garden,

we're not terribly partial to bugs.)

"Traps" and roaches aside, though, we wish they would have trusted us a bit more. Our sole intention was to do something that both we and the security guards could enjoy. (OK, it also would have been nice to succeed where others had failed...) We deliberately left a (slightly modified) copy of a Caltech ID there and emphasized in our note that we were undergrads, so they could be assured that the Honor Code applied, and that it wasn't someone from off campus trying to poison them or something like that.

It is possible that security thought that the motion detectors had been set off entirely independently from the presence of the doughnuts. In this case, who would want to eat doughnuts or drink coffee that had been sitting in a rather dusty tunnel for god knows how long? This, however, should not have been a concern, since we had been very careful in our note to leave not only a date, but also the time.

And since it should have been obvious, assuming they bothered to read our note, that

we were Caltech students, and that the food was fresh, we are unfortunately

lead to the conclusion that, frankly, security doesn't trust us students. Of course, it is entirely possible that there exists another explanation, and so we would be happy to hear security's take on the issue — we don't wish this to be merely another anti-security rant. We just want to share our experience, and perhaps give the Caltech community something to consider the next time they run across a prank, and fellow undergrads something to think about before the next time they try one.

Sincerely,



UNDERGRADUATES

*It was then that we made a rather stunning discovery.**Don't complain about working hard at Tech*

Dear Editors,

I agree with Austin Collins's last *Circle of Fire*. People should certainly be aware that they have to work hard here, and complaining about school

work and liking or not liking a school are two different things. Things are far from perfect here, but I know that I'm much better off here than I would have been had I gone to any other university that had accepted me. Though Caltech is not a social mecca, I'm the type of person who actually has more of a social life here than I would elsewhere. Moreover, anybody who is willing to work hard can do well. They may have a lower grade point average here than at another school, but I think most people find that graduate schools and business take that into account.

Anybody who comes here expecting not to work very hard is extremely naive. Before the last three Pre-frosh Weekends, I have heard numerous Techers state that we should not let the pre-frosh think that we do work here. Maybe it's just me, but I find that to be extremely dishonest. Although students who apply here should be aware of how much work Caltech students have to do, one should not try to mislead them into thinking otherwise. I'm beginning to think that I was more prepared for what I was going to face here because I did not come to pre-frosh weekend.

I must also concur with Austin Collins's opinion about the opportunities here. Next summer, I will be undertaking my second SURF project. Both of my projects have resulted from my e-mailing (fully tenured) professors and asking them to come up with a project for me.

At how many major research universities would I get such positive responses?

There is one portion of the article with which I do disagree. I do not believe it is as simple to leave as Collins suggests it is. If one does obtain poor grades here, transferring may be difficult. Additionally, I believe that even people who constantly bask Caltech are quite aware

of what a degree from Caltech is worth and decide not to transfer because of it. It's true that Caltech is not for everybody, but I am certainly glad that I came here. (I can always catch up on my sleep during the summer.)

Mason Porter
UNDERGRADUATE

Please send submissions for letters to the editor to
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or by electronic mail to
editors@tech.caltech.edu.

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ONE FLAME A WEEK — MY PROMISE TO YOU

BY AUSTIN COLLINS

This is, in part, a continuation of last week's article on people's discontent at Caltech. However, this week's topic is narrower in focus, but broader in scope. This week's topic is: **Pay in Theoretical Physics.**

As a future theoretician (knock on wood), I used to share the common sentiment that the job opportunities and pay in physics are woefully low. In my mind, I always evaluated the pay a job should receive in terms of how difficult the job is. I'd think of all

the jobs that were far easier than theoretical physics, but still paid better, and think something was amiss. After all, I could learn to be an accountant far more easily than an accountant could learn to do physics, yet odds are accountants will make more than I do.

It was a conversation with Dr. Rochus Vogt that changed my viewpoint here. He told me of a conversation he had a while back with the then Prime Minister of India, who remarked to him how lucky he was to live in a land that so generously supported the sciences. After mulling this over for a while, I realized how lucky I am to have the chance to be paid at all to study the things I will one day.

Imagine life as a physicist in a barter system. "Hi, I'll make you a deal. You give me some food, and I'll think about gravity for a while." Or, "If you build my house, I'll think about gravity for a really long time." This idea is absurd! Now, there are many branches of science that produce useful enough results that their practitioners would be all right in such a system. However, it's important to admit that there are other disciplines which are studied merely for because they're interesting. Not because they're useful.

I guess that's why the novelty of doing science hasn't worn off for me. Every once in a while, I think about how

incredibly lucky I am that one day I'll be paid to do something I love. I'll be paid to think about gravity, maybe teach some other people about gravity, too. What a life!

How could I possibly complain that I wouldn't be getting paid enough to think about gravity? Particularly if the money comes from the government? That's paid for with tax dollars...somewhere out there is a garage mechanic who'd be paying me to think about gravity. A grocery store clerk who gives part of his pay so that I can think about gravity. Of course, I wouldn't mind if the pay was more in line with the difficulty and inherent aesthetic value, but I'll still live comfortably even if it isn't.

A Simpsons episode even takes a shot at the pay that research scientists receive. Krusty the Clown is remarking about his own dissatisfaction after he loses his wealth. "Oh, I can't stand it," he cries. "Every day, I see teachers driving Ferraris, research scientists drinking champagne!"

So maybe I won't have a Ferrari, and maybe I won't be drinking champagne. But I'll be earning a decent living, for something as enjoyable to me (and as useless to others) as playing a game. Hard to ask for more than that, isn't it?

It really is that simple.

"Cyrano: So, this is your revenge?"

"Compte de Guiche: Take this to mean that I serve my king and vent my spleen."

—Rostand

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SUMMER OBSERVERS - There are several positions open for summer employment at the Big Bear Solar Observatory. The jobs involve solar telescope operation, electronics work, computer programming, etc. Free housing at Big Bear is provided, and cooking facilities are available. There are recreational facilities (boats, etc.) as well. Some astronomy, physics, computer science, or electronics would be useful. Applications are available in 264 West Bridge...or by calling x4011.

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The Outside World

by Myfanwy Callahan

BUENOS AIRES, ARGENTINA

Violent protests have broken out in many cities in response to high unemployment and declining living standards. The Government economic reforms which brought stability and high growth rates to Argentina have also led to record unemployment rates of 17%.

KINSHASA, CONGO

Rebel leader Laurent Kabila was installed as President last weekend. During the revolt, he received critical foreign support from several neighboring countries in the form of military advisors, munitions, and troops.

JAKARTA, INDONESIA

Over 10,000 protesters showed their opposition to the cancellation of election rallies in Indonesia. The opposition Development party has clashed many times with the police, and 73 people have been killed since campaigning began.

JERUSALEM, ISRAEL

American diplomats have discovered that one quarter of the homes in Jewish settlements of West Bank and half of those

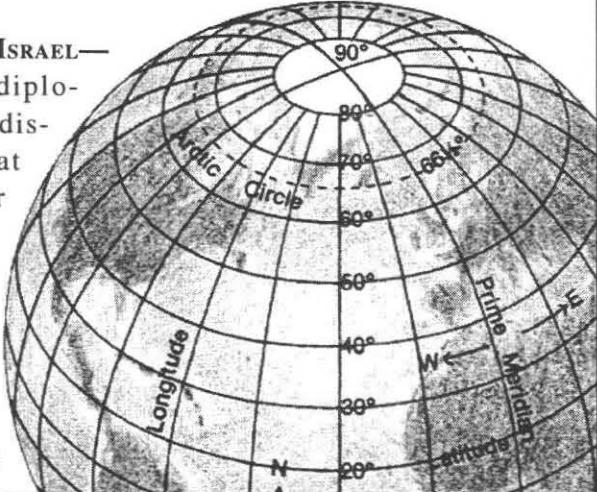
in the Gaza strip remain empty. The Israeli government still contends that it is expanding its settlements in response to natural population growth.

YANGON, MYANMAR

The Burmese military government arrested at least 50 members of a pro-democracy movement led by Daw Aung San Suu Kyi. The arrests seem to be an attempt to stop a congress of the National League for Democracy next week, which would mark the seventh anniversary of their unrecognized election to power.

MOSCOW, RUSSIA

Prime Minister Viktor S. Chernomyrdin proposed a drastic 20% cut in Russia's budget to reduce the unmanageable deficit. His plans include slashing military spending and state subsidies for industry.



THE STUDENT AFFAIRS VAN IS HERE!

The van is available to students and Student Affairs staff for Institute purposes only and its use must be approved by the Dean of Student Office, 102 Parsons-Gates. Individuals wishing to use the van must have an organization account number in order to receive approval to drive it. It is available to both ASCIT and GSC members.

The Deans' Office is starting a sign-up for prospective drivers because a drive check and DMV check are necessary before approval to use the van. If you wish to be an approved driver, please come in and get your name on the list. More details will be available to you when you come in.

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I.H.C. MINUTES

Tuesday, May 13

Present: Brett (Page), Steve (Lloyd), Jeremy (Rud-dock), Judy (Secretary), Lori (Chair), Shumway (Fleming), Geoff (Ricketts), Geoff (Dabney), Marty (Blacker), Biff (housing), and Ryan Chornock (Blacker's Secretary).

We interview for Frosh Admissions Committee.

Nate subs in for Marty so that Marty can leave to prepare for the fire drill. There is a fire drill. After the drill, Marty subs back in.

We don't make final decisions about the committee, but Steve says Ditch Day is Thursday.

Myfanwy asks the presidents to encourage everyone to fill out the quality of life surveys. There will be a drawing for prizes, so the more people the presidents can convince to fill out the surveys, the worse chance they will have at winning; if your presidents didn't announce it at dinner, you know why.

Thursday, May 15

Present: Brett (Page), Steve (Lloyd), Jeremy (Rud-

dock), Judy (Secretary), Lori (Chair), Shumway (Fleming), Geoff (Ricketts), Geoff (Dabney), Marty (Blacker), Biff (housing), and Ryan Chornock (Blacker's Secretary).

Random ASCIT BoD types: Adrienne, Maria, Kohl, Kiran, and John drift in and out throughout the meeting. These IHC groupies come to see what it's like to be one of the seven most popular, or one of the two sexiest people on campus, instead of a lame-o who didn't get elected to house office.

Biff talks about summer housing. He's going to need more spaces for the summer because Mosher-Jorgensen will be under construction. He's asking for 200 spaces, and if they're not filled up, he'll return them to the houses so we can have doubles as singles. Biff says he's not going to give non-Techers doubles as singles before he gives them to Techers. Geoff (Ricketts) says that's a good thing 'cause if he did we'd kick his ass. Biff says he'd enjoy that, but he'll still give us the extra rooms. In fact, he'll let us know by senior finals week so people won't have to move twice. Biff also asks that house affiliated OC fill up 50%. He doesn't want

to mix visitors in OC houses, so he says that's reasonable. Lori makes a feeble attempt to save us this summer with the simple request that "we want air conditioning" — "me, too" is Biff's response. (For those of you that don't know, the student houses are the only buildings on campus that don't have air conditioning. Maybe this is the administration helping us out by trying to make those Tech men a bunch of hotties. It isn't working.)

Steve says that ditch day is tomorrow because he was woken up at 4:00 that morning to the sound of hammering in the courtyard. Geoff (Ricketts) says it's always tomorrow, it's just more tomorrow some days than others.

Adrienne comes in to observe our awesomeness. Steve sets her on a track towards coolness by tearing up her picture of Ken Dubner, hypnotist extraordinaire. "You're going down!" she threatens as she leaves giggling. Steve and Geoff (Dabney) tell the rest of IHC of how the two of them and I came to the ASCIT meeting on Friday and "opened up a can of whoop ass."

Just as we were finishing up our story about how lame ASCIT is, John stops by to see how to be cool, and also to get input about Caltech 1a. We

only share with him our thoughts on Caltech 1a (he's on the BoD, so there's no hope for him to be cool). Caltech 1a wreaked havoc on Rotation because a lot of frosh formed cliques and wanted to be put in houses as a clique instead of forming their own impressions of the houses. Hopefully having it after frosh camp will help 'cause some parts of Caltech 1a were cool, like the advisor brunch. We talk about shortening the on campus orientation since the frosh were bored anyway. IHC could move rotation back a day to shorten 1a's idle time, but not all the upperclassmen will be back on Saturday, and besides, we want rotation's "huge, ugly shit to take place on the weekend." Brett adds that something more important that Caltech 1a should have to happen before a tradition like rotation is changed. So the frosh will have to stay bored. Geoff (Ricketts) points out that boredom is part of life: the frosh'll be bored in class, too, but we aren't canceling that.

Next year, though, we'd liked to be asked for input before plans are made...Maybe someone could take the IHC to the Ath.

Before leaving, John adds that ASCIT has \$1500 for random stuff and some prank money left as well. Come ask ASCIT for it. Steve suggests the money be used to take the IHC to dinner at the Parkway Grill. We could prank the restaurant if we had to.

Somewhere during John's story, Maria wandered in. She finally gets her opportunity to ask how to be as cool as the IHC. We tell her there is no hope. Bummed, she answers, "so hey, there are these like things..." and she passes out surveys on the BoC. Fill out the surveys 'cause the house with the most surveys filled out will get a reward, probably

Foster's (doughnuts, not beer, unfortunately) since they don't have that much money. Geoff (Dabney) asks if the president of the house that fills out the most surveys can invite the IHC to lunch at the Ath for the reward instead. This is a far superior idea.

Maria jumps in again. She's on a women's center review committee and they want to eat dinner in the student houses, so she wants to set up a schedule. Geoff (Dabney) says no Ath, no deal. Nobody has a preference about days, as long as they have a little notice. Maria says she'll email a schedule to ihc@ugcs.edu.

While she's gone, she and Adrienne try to use what they have learned from IHC. They copy Ken's picture and put a copy on the door of SAC 64 and all the doors of the house presidents. They are cool*osers*.

But I digress...

Brett declares, "I have a small thing," and Steve adds, "I call mine, Thor, God of Thunder." Brett's sky diving trip will be Friday May 30, and it's \$120/person, so sign up with a friend from another house.

Meeting closes, but we are rudely interrupted by more ASCIT types. Kiran and Kohl wish they were us. We offer to bake them ex-lax brownies if they'll leave. Finally, they go away, but first they say that Ken Dubner is hot!!

We choose Frosh Admission Committee Members: Nasim Afsarmanesh; Amy Barr; Jim Buckwalter; Ryan Dickman; Jonathan Little; Michelle Miller; Adrienne Hyldahl, alternate; Jaideep Singh, alternate

In sum, taking IHC to lunch is cool, ASCIT sucks, and Ditch Day was tomorrow.

Respectfully submitted,

Judy Green

Test drive an EV-1 at Caltech!

What: EV-1 Day at Caltech

When: May 28, 1997

Time: 11:00 a.m. to 3:00 p.m.

Where: At the San Pasqual Cul-de-sac

(Right outside the Red Door Coffee House)

From 11:00 a.m. to 3:00 p.m., there will be several General Motors EV-1 electric vehicles on campus available for test drives. Drivers must be over 18 and have a valid drivers license.

At 4:00, there will be a technical presentation regarding electric vehicles:

Winnett Lounge, 4 p.m. - "The History, State of the Art, and Future of Electric Vehicle Propulsion," Ronn Jamieson, Chief Engineer for EV Propulsion, General Motors Advanced Technology Vehicles.

Refreshments will be served. For more information, call x6373.

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A.S.C.I.T. Minutes

MAY 20, 1997

(This week Ernie = Mike W. and Bert = Mike A.)

- BoD called to order at 10:42 p.m.

Dealing With Guests

Bert: "Hey Bert, I heard that the IHC sucks."

Ernie: "Well shoot the horse and paint me red!"

Bert: "More testicles mean more iron!"

Officer Reports

- Kiran — The \$2000 van surplus is a holdover from per mile charging of days long gone (last year). Just more cash for the already pimping ASCIT BoD.
- Adrienne — The ASCIT formal is on Friday. Adrienne still has somebody's Wagner CD from the prefrosh party. The IHC will pay for what they did to Ken Dubner.
- Ernie — ASCIT teaching award nominations will be
- Lori — IHC is reserving summer spaces in the houses for Biff's sizeable harem. The YESS program will be in Avery and on-campus spots will be for SURF folks. The Master Control Program that rules Rotation with its even cyborg hand is finished. Those water filters have been installed in the houses. That \$3500 given to each house has shrunk to \$2500.
- John "ASCIT Dough Boy" — Come get your club money damn it! In the process of doing the 96-97 books, it was discovered that the ASCIT taxes from fiscal year 95-96 have not been filed. Oops. John is all over this problem like a certain not-to-be-named junior applied physics major on a prefrosh.
- Meeting closes at 11:06 to discuss the details of the tax situation and reopens at 11:13.
- Bert — Nominations for junior and senior class officers as well as BoC Secretary and *little t* Business Manager will open this Wednesday.
- Maria — The BoC is formu-

Nominations for:
Junior/Senior Class Officers
***little t* Business Manager**
BoC Secretary
will be open until Tuesday.
Sign up on the east windows of Winnett.

The McKinney Committee of the Caltech Literature Faculty is pleased to announce the winners in the 1997 contest for excellence in writing. In the category of non-fiction essay, first prize has been won by David Barth. In the category of prose fiction, first prize is awarded jointly to Alex Dunn and Siddhartha Padmanabha. Robert Lin won first prize in poetry.

Honorable Mention is given to Mason Porter, Karen Bletzer, John Teifel, Tanya Tickel, and Carlos Maldonado.

FEATURES

available soon. The new ARC reps at large are Eric Streed, Alan Jones, and Ivana Nikolic.

• Lori — IHC is reserving summer spaces in the houses for Biff's sizeable harem. The YESS program will be in Avery and on-campus spots will be for SURF folks. The Master Control Program that rules Rotation with its even cyborg hand is finished. Those water filters have been installed in the houses. That \$3500 given to each house has shrunk to \$2500.

• 11:25 Judy drops in. **The IHC formally challenges the ASCIT BoD to a snowball fight on the Olive Walk to be**

held at high noon this Friday.

We are gonna beat the crap out of those beslobbering rump-fed flax-wenches.

- Kohl — The BoD will do lunch with Ms. Hassenfeld of the Ombuds Office on the 21st.
- Baldeep — The BoD will be eating in the houses as follows: Tuesday (20th) — Blacker, Thursday, (22nd) — Dabney, Wednesday (28th) — Fleming, Thursday (29th) — Lloyd, Monday (2nd) — Page, Wednesday (4th) — Ruddock.

- Meeting closes at 11:34 p.m.
- Meeting adjourned at 11:40 p.m.

Respectfully submitted,

Mike D. Astle
ASCIT Secretary



by Phil Sutton

This week's topic: Your favorite and mine: **Classes!** How many can you identify from their names rather than their numbers? I chose classes that are either well known or have really cool names.

TechSearch is a word search where you get to find names of items in your favorite (or most hated) categories of life at Tech. Clues are cross-word-style: I give a clue and a letter count, you find the word. Words are all linear, and can be horizontal, vertical, or diagonal. Letters that two words share can then be unscrambled to form the final word.

5	7	1	H	P	S	N	C	6	X	G	J	7	2	R	P	H	1	0	6
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9	X	F	V	3	R	G	4	8	A	1	2	5	1	S	M	4	H	U	H
4	B	6	7	W	Z	L	H	Q	K	P	Y	W	6	N	A	X	Q	C	1
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C	B	3	8	B	6	D	M	1	2	8	3	9	7	8	0	2	S	C	E
C	6	H	H	C	H	4	1	V	J	U	J	5	4	F	L	X	2	E	
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1	7	T	4	5	K	8	F	Y	1	Z	P	2	H	U	1	L	6	3	N
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Q	6	1	0	1	E	M	E	C	W	3	G	Y	W	9	2	2	1	S	P

1. Intro. to Biochemistry (7)
2. Geometry of Nonlinear Systems (6)
3. Probability and Calculus of One and Several Variables (3)
4. Analog Electronics (4)
5. Organic Chemistry (4)
6. Intro. to the Law (5)
7. Fluid Mechanics (7)
8. Classical Analysis (5)
9. Quantum Physics (UG) (4)
10. Computer Graphics Lab. (8)
11. Galaxies and Cosmology (4)
12. Introduction to Digital Electronics (5)
13. Fundamental Techniques of Experimental Chemistry (3)
14. Intro. to Economics (4)
15. Computation, Computers, and Programs (4)
16. Journalism (Write for the Tech) (4)
17. Engineering Design Laboratory (4)
18. Principles of Microprocessor Systems (6)
19. Statics and Dynamics (4)
20. Topics in Classical Physics (UG) (5)
21. Intro. to Molecular Biology (3)
22. Psycholinguistics (6)
23. Artificial Life (8)
24. General Chemistry (3)
25. Technical Seminar Presentations (3)
26. Introduction to Political Science (4)
27. Principles of Materials (4)
28. Solid State Electronics for Integrated Circuits (4)
29. The Past Million Years (5)
30. Statistical Physics, Waves, and Quantum Mechanics (3)

BONUS: Introductory Methods of Applied Mathematics (The Shaft) (5): _____

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Ditch Day: a senior's perspective

BY SAMSON TIMONER

Did they have fun? Did it work? Did they finish the stack? Did they like it? Nervousness overwhelms me almost to the point of shaking as I stumble back on campus after a full day of exile. It is 5:02 on Friday, May 16, 1997; Ditch Day has just ended.

A picture flashes back into my mind. It is about 5 p.m. on Ditch Day 1994. The stack I am working on, The Mechanical Engineer's Universe, has not finished. Jeff Miller walks by me in Blacker Courtyard and says, "That was F-cking cool! That was so F-cking cool!"

I look over and see a group of wide mouth grinning people with a look of awe on their faces. Whatever they had experienced, it was awesome. They had worked on Bevan Bennett's Total Recall Stack and they were overwhelmed by it.

Through a little bit of work, Bevan had brought incredible happiness to the lives of other Techers for one day. The looks on those Techer faces were priceless. It was amazing to me that you could make people that joyful.

I knew I had to try to create that. Somehow, I had to have a stack that would utterly overwhelm people. That look needed to be re-created.

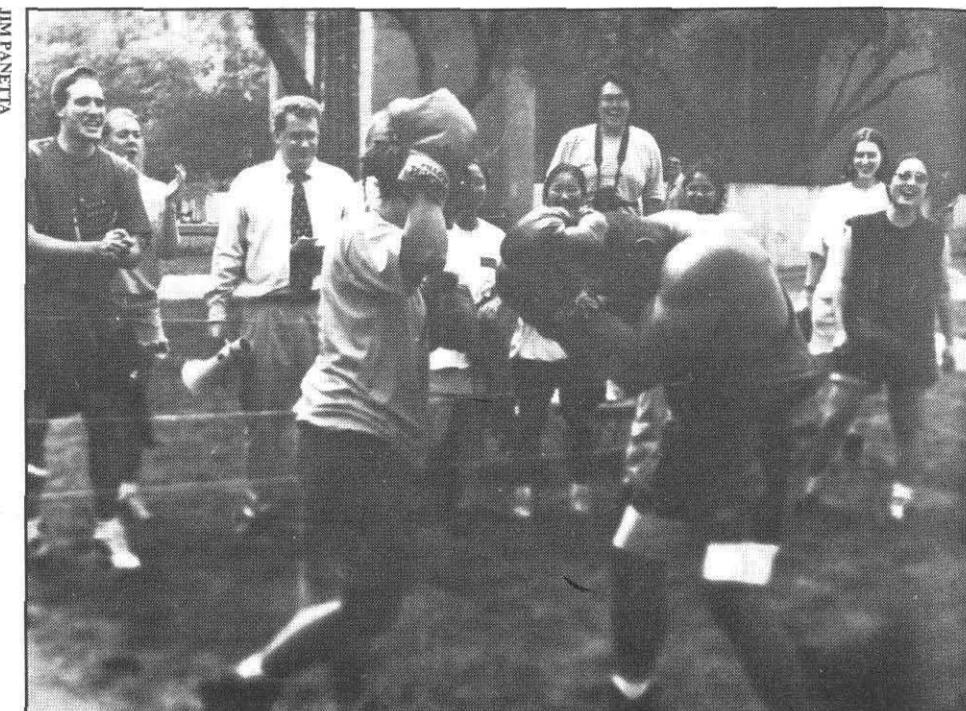
As I walk into Blacker Courtyard, I see a bunch of red-shirted underclassmen to my left. It was them; my Mission Impossible (TV series) Stack had finished. At least some of the stack must have worked.

But did they like it? Did all the work I did, all the sleep lost and all the lab time skipped amount to anything? Was I able to get that look?

Kacie Shelton's face was the first I could make out. She was soaking wet with her red Mission Impossible shirt clinging tightly to her body. She had a grin plastered across her face. I was practically in shock. Beside her was Ryan Cox, with a similar look. Then, I realized they all had it. They liked the stack. It had worked. It had worked! **It had worked!**

It is amazing to me that they had that much fun on the stack. That the stack did work so well was not due to me. The people who signed up for my stack immersed themselves in their roles. They had the perfect personalities for an action-adventure stack. They made it work. They added commando style maneuvers to their activities. They took the many problems in my stack as challenges to make the stack work. They decided to have fun, so they did.

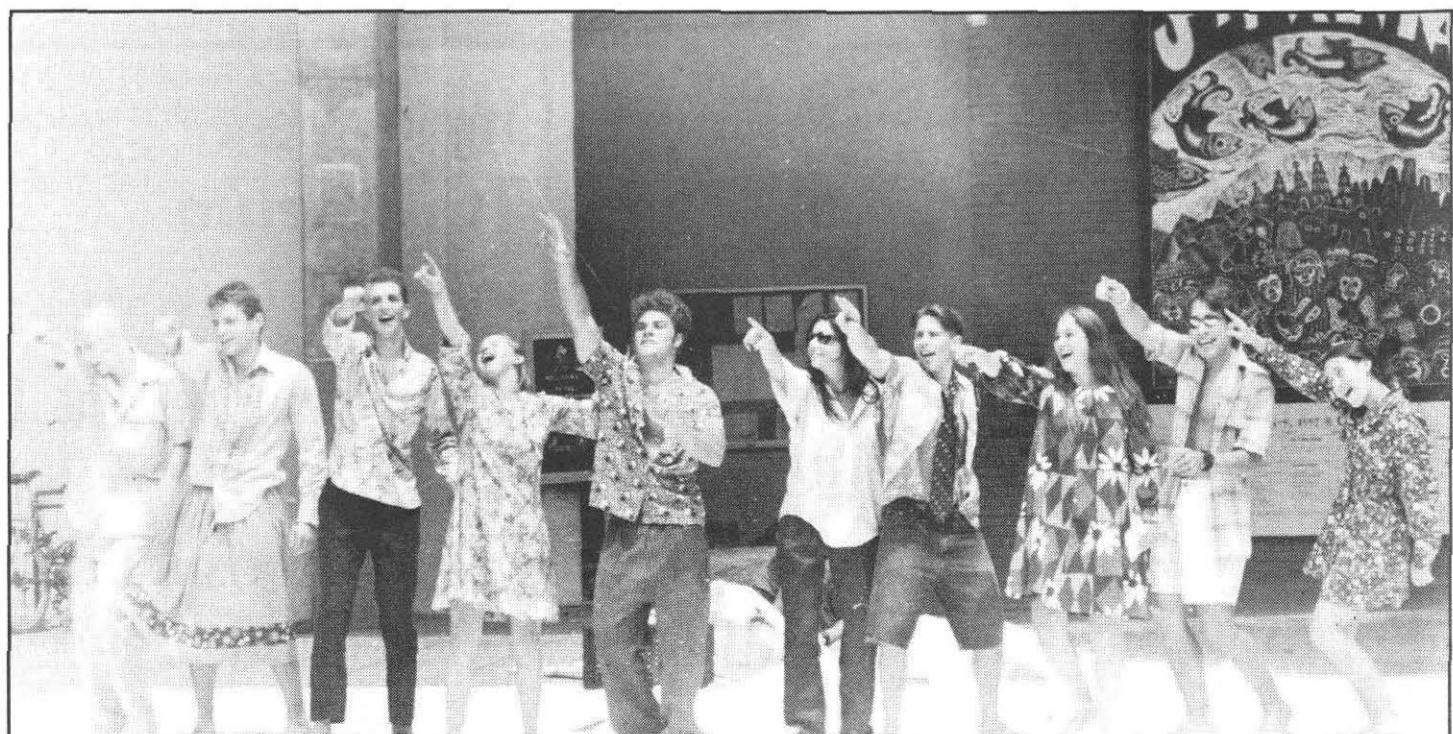
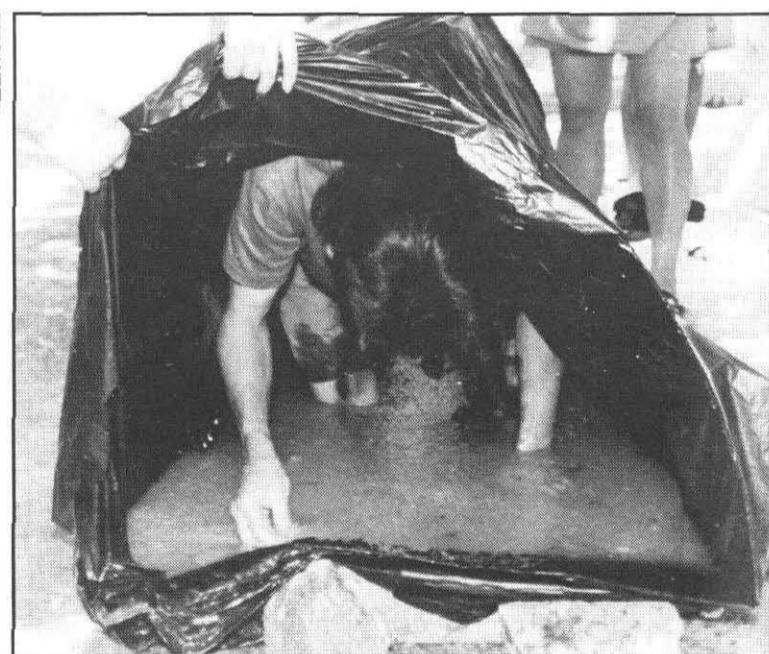
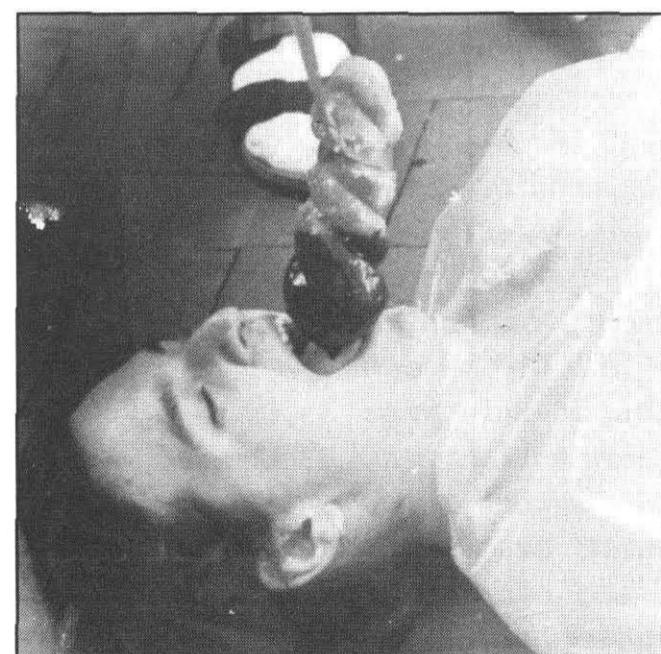
Ditch Day was my opportunity to give back to the house. It was an opportunity to make some people as happy as Blacker House has made me many times during my four years at Caltech. Ditch Day is also an opportunity for me to get something: a memory. That look on their faces was priceless and I will always remember it.



Dan Hennessy as King Arthur



The Mission Impossible team prepares for a battle of wits against their evil scumsucking opponent



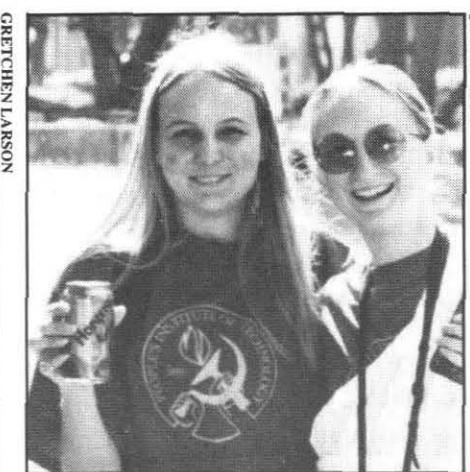
Brady Bunch family reunion in front of Winnett



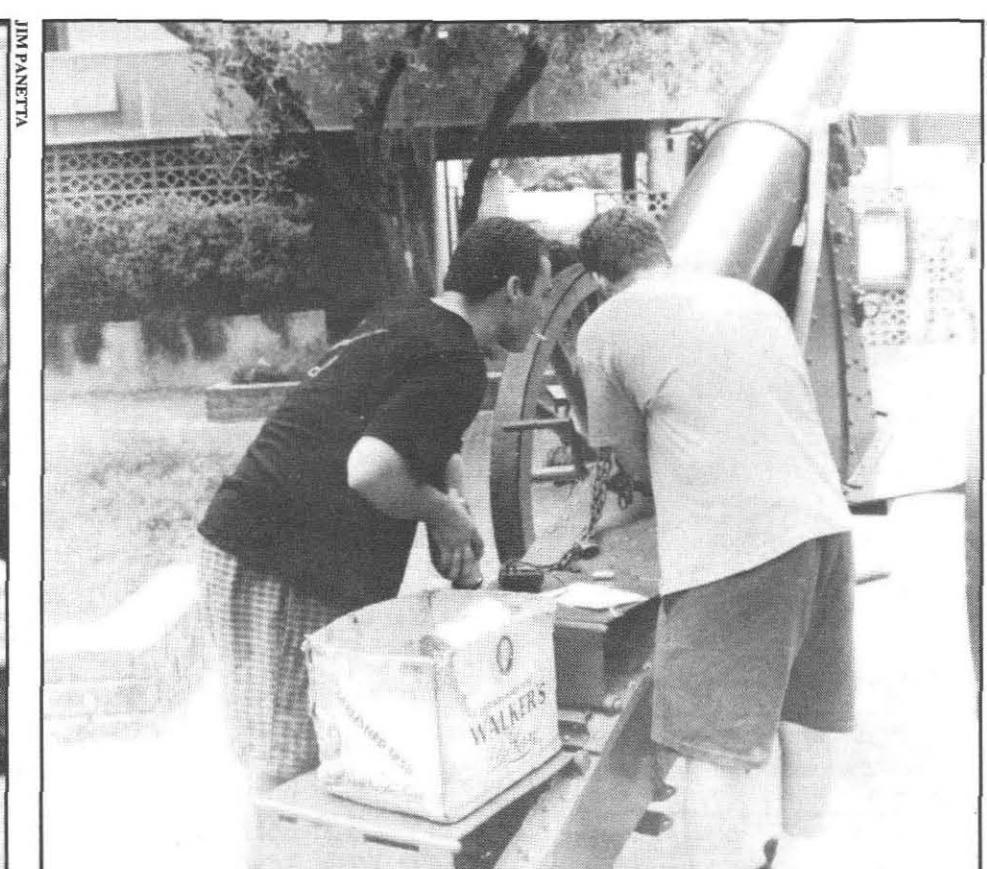
Maura and Jen prepare to race down the Olive Walk at 88 mph



666 In-N-Out burgers



COURTESY SAMSON TIMONER



The Fleming cannon signals the end of the Day

Adventures in Candyland

It's not just for children anymore

BY GRETCHEN LARSON

Remember all the excitement you felt as a kid at the prospect of an afternoon of gooey, messy fun playing Candyland! You probably also remember the disappointment you felt when the game just didn't deliver. Well, the Candyland Stack, created by Jenny Ohgi and Gretchen Larson, was created to eliminate that childhood trauma.

The two teams, lead by the Imperial Head Bonbon and the Grand Jujube, had to complete a series of tasks as they traveled the life-sized Candyland board. The teams individually faced such tasks as tossing a syrup-soaked Frisbee, Mashed Potato Sculpture, and Popcorn Stuffing. Both teams were forced to crawl through the Jell-O Tunnel to find survivors of the "Gumdrop Avalanche" that were buried in 25 gallons of Jell-O.

The Imperial Head Bonbon's Team defeated their opponents in a Gingerbread Castle Building Contest and went on to win the entire game! But with the finish line behind them, the teams now faced the final challenge - the King's Bodacious Bungalow. The teams had to work together to destroy three walls of the hut and navigate an egg safely out of the remaining wall. The barriers before them were a Concrete Wall to pound through, a Wooden Wall to take apart and then re-piece together, and a Cake Wall (made of 16 cakes!) to eat through. These walls proved no match for the mighty teams, and the Candyland Kingdom with all of its rewards was finally theirs!

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ADAM VILLANI, THE SAVAGE MEDIA GUY



by Adam Villani

Several Japanese Films in Repertory

After the U.S., Japan is my favorite country for films. Like other Japanese art forms, Japanese movies concentrate on capturing the essence of a moment, either by using delicate touches or through outrageous expressionism. While hardly any new Japanese films get released in America these days, if you search you can usually find a special screening of an older Japanese film listed in the L.A. Weekly every couple of months or so.

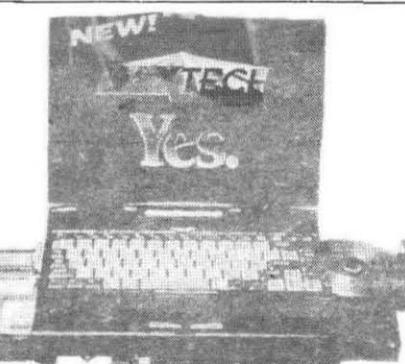
Kenji Mizoguchi is widely renowned as a director of women, and *The Love of Sumako the Actress* (1947) is no exception. While not his best-known work, this postwar tragedy I caught at UCLA a while ago explores the liberation of women through the rise and fall of a stage actress and the men in her life. A love tragedy is a common enough theme in Japan, but this film also examines the role of an artist in society, a subject Mizoguchi gained world fame with in *Utamaro and his Five Women*.

In the 1960's, director Seijun Suzuki deliberately rebelled against the rigid formalism of directors like Mizoguchi and Yasujiro Ozu, creating delirious gangster movies that so astonished the Japanese studio heads that they fired him, black-listing him from moviemaking for over

ten years. Surely one of the movies that got him in trouble was *Fighting Elegy* (1966), which, while not showcasing martial arts, can best be compared to the wild Hong Kong actioners of today — only not quite as restrained!

Suzuki made his return in 1980 with *Zigeunerweisen*, a film more subdued in tone, but with a plot so bizarre I couldn't possibly explain it in less than a page. Suzuki made a live appearance at some of the recent screenings of his oeuvre at the Nuart in West L.A.

Taking the more serene approach to moviemaking is Hiroyuki Koreeda with last year's *Maborosi*, which I saw at UC Irvine a couple of weeks ago. *Maborosi* is a solemn meditation on loss, following a woman for a year after her husband inexplicably commits suicide. The level of emotional reaction I had to this film of sublime beauty rivals that of last year's top pick *Dead Man*. This perfectly composed film conveys its meaning not primarily through actions or dialogue, but rather the relationship of the lead character to her environment. Someone once said that a cinematographer's job is to make sure that every frame of a film is a perfect photograph; I wish every cameraman in Hollywood would watch this movie.



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FEATURES



by Phil Sutton

Today's topic: Buildings.

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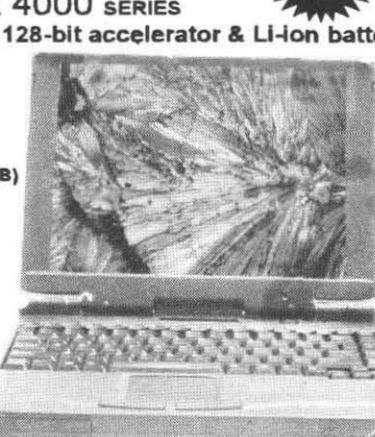
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Computer Science (9)	Chemical Engineering (8)	Applied Math & Flight Sci. (9)
Chemistry (7)	Chemical Biology (6)	Fluid Mech. & Jet Propulsion (6)
Biological Sciences (9)	Radiation Laboratory (7)	Humanities & Development (6)
Chemistry (5)	Molecular Biology (5)	Geology, Geochemistry, Pl. Sc. (4)
Computer Science (5)	Chemical Physics (5)	App. Physic & Electrical Eng. (6)
Physics (6)	Undergraduate Chemistry (4)	Geology & Planetary Science (4)
Applied Physics (6)	High Energy Physics (9)	Civil Eng. & Mechanical Eng. (6)
Behavioral Biology (3)	Cell Biology & Chemistry (5)	Humanities & Social Sciences (6)
Library (8)	Env. Eng. & Materials Sci. (4)	Aeronautics & App. Physics (10)
Physics (5)	Astrophysics & Astronomy (8)	App. Physics, Math, Physics (5)

The final word is too obvious to need a clue:

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- * Enhanced 104 key keyboard
- * Medium tower case w/230 Watt
- * High resolution mouse
- *

Dean's Corner

The week that was

by Jean-Paul Revel

walk, luckily after I had a chance to admire the makings of the world's longest hamburger (I thought that one would speak of the world's fattest hamburger and of the longest weenie, but leave it to the imagination of Techers; perhaps that's why the *Star News* did not even note this achievement, which surely would have whetted the appetites of its readers); I drooled over the plywood deLorean, urged the passing flagellants to read de Sade and watered the Commando gang. I snuck (with a name like that it has to be good) up to the Mission Impossible team and, well, you know better than I what all else went on.

The event at 3 o'clock in the Court of Man was a boxing match with the wicked warlock of the West, this one attended by the Press. I had thought it might be a flying saucer with Mickey-Mouse-Eyed-Aliens, or a helicopter or perhaps the Hindenburg mak-

ing a landing. I had my office searched for vampires to kill, no vampires here... (I never did tell the vampire destruction team that I am an honorary vampire, having done research on bats in my past....hee, hee, hee...). It also seemed that magnets were in great demand, with door closers a possible alternative. I was crowned, belted, my imaginary daughter married away into the clan of Hercules, and I was reassassinated, all for clues, clues, clues . . .

Well, Ditch Day is only part of the news. The other part, of course had to do with the erection of the palm tree, an early morning occurrence, which was rapidly subdued.

There are continuing investigations on the molecular assembly-disassembly process which seems to have taken place on the Court of Man. There is at present no evidence that a palm tree had actually materialized. Had I not seen it with my own eyes, I would not have believed it.

PCR analysis (you'd know about this if you had taken Bi

1) of debris taken from the scene reveals no palm DNA, only that expected from grasses which are normally being nurtured at the location.

A mystery indeed. Some have even proposed that the photographs which purport to show the palm tree at its most erect stance, were actually fakes, products of "Photoshop."

And then there was the maze, installed on the Olive Walk to test which group would run rings around the other, Profs. or Students. The results, as published in last week's issue of *The Tech*, the prestigious scientific journal of the West, seem to indicate that these two groups are running after each other, rather than around each other.

However, I would like to point to a major flaw in the experimental design. That is, there are many other categories of individuals besides Profs. and students who use the Olive Walk. Since they do not seem to have been categorized separately, and their physical characteristics makes them more akin to students than to Profs, their presence may have skewed the results in the students' favor. Also, Profs were invited for lunch at the Ath, thus swelling their ranks, and so the data is even

more suspect.

The biggest news, however, was the election of Dr. David Baltimore to the Presidency of Caltech. About him, more later, I am sure. But what became sealed by appointment is that Tom and Doris Everhart are leaving.

We knew this would happen sometime, as President Everhart had announced that he would resign from his post at the end of this academic year, but somehow it was not until the Presidential Search Committee announced the results of its deliberations and negotiations, that the enormity of this move has struck me.

Lots of things have happened during the Everhart's tenure here. The campus has been changed in significant ways, by the addition of Avery House, and of the Sherman Fairchild Library, of the Beckman Institute, and of Moore, and the launch of the Biology Initiative . . . and these are only the bricks and cement, not the people, and the new directions in which our research and your future will be able to expand.

Thanks for all, Tom and Doris.

A bientôt,



The Coffeehouse

Burgers - Shakes - Fries - Espresso - Sandwiches

New Hours: m-f: 9pm-1am
sat-s: 8pm-1am



Employment Opportunities email gina@cco

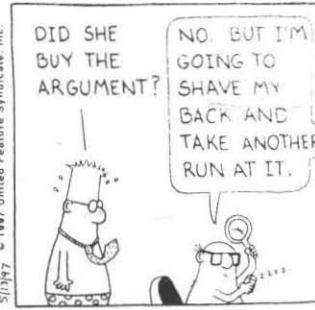
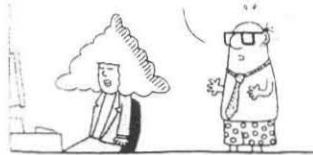
Located in the Student Activities Center (south Houses)

Know the combo!

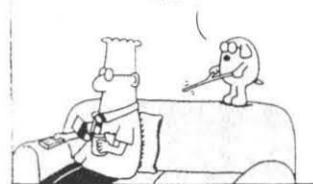
DILBERT by Scott Adams

THERMOSTAT WARS

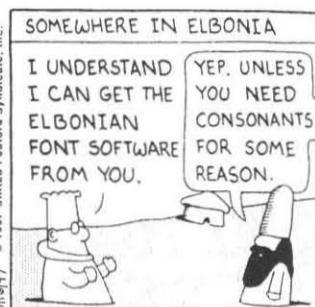
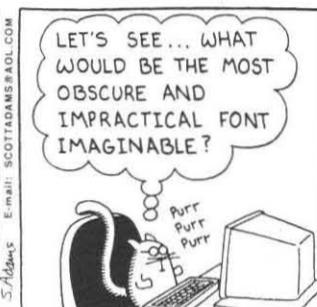
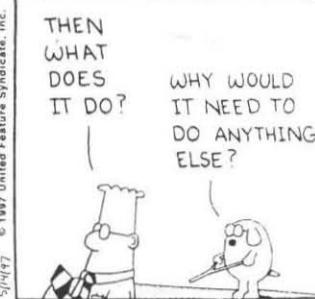
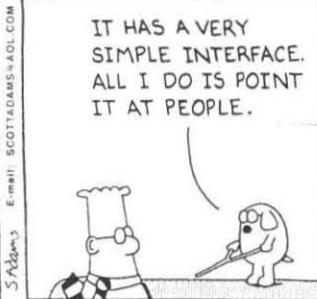
BE REASONABLE, ALICE. WHEN IT'S WARM ENOUGH FOR YOU, IT'S TOO HOT FOR NORMAL HUMANS.



MY INVENTION CAN DETECT HUMAN STUPIDITY.



IT HAS A VERY SIMPLE INTERFACE. ALL I DO IS POINT IT AT PEOPLE.

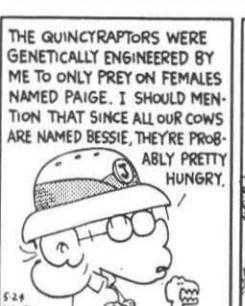
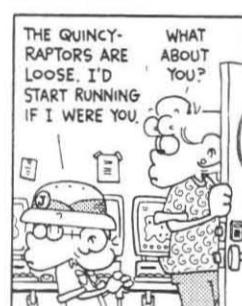
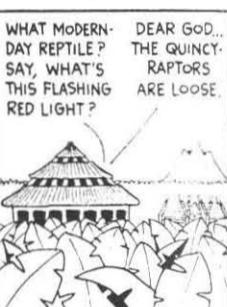
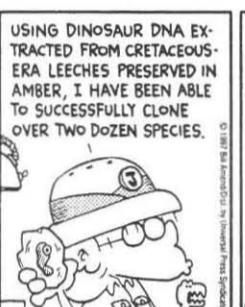
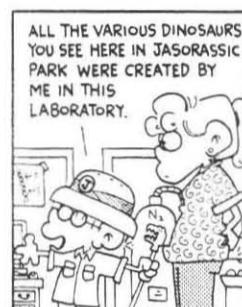
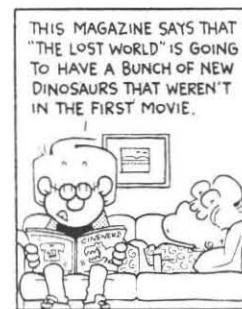


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Sat-Sun-Mon Bargain Matinee 2:30 p.m.

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Don Juan in Hell

by George Bernard Shaw

Produced by special arrangement with Samuel French, Inc.

Fridays • May 23 & 30 • 8 p.m.
Saturdays • May 24 & 31 • 8 p.m.
Sundays • May 25 & June 1 • 2 p.m.
Monday (Memorial Day) • May 26 • 2 p.m.

Dabney Lounge

Tickets: General Admission \$8 • Students \$5
Caltech Ticket Office: x4652 tickets@caltech.edu

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1997 Caltech Travel Vendors Show

Thursday, May 29, 1997

11:00am - 2:00pm

Winnett Lounge

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Drawings*



(completed entry form required to participate in drawings)
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Events

* The Mostly Baroque Chamber Music at Noon will be held today, May 23rd, in the Dabney Lounge at 12pm. Sponsored by Student Affairs and the Friends of Caltech Instrumental Music, the concert program includes works by Bach, Telemann, and Pater Schickele. Lunch will be provided for the first 100 people.

* Peter Goldreich, Lee A. DuBridge Professor of Astrophysics and Planetary Physics, and Thomas Prince, Professor of Physics, will be discussing "The Life, Death, and Rebirth of Stars" in an Astronomy/Geology 0.1 Seminar on Friday, May 23rd, at 4pm in the Baxter Lecture Hall.

* This week's ASCIT movie is Mighty Aphrodite (starring Woody Allen). Showing at Baxter Lecture Hall at 7:30pm and 10:00pm. Student admissions is \$2.00 and \$2.50 for all others.

TACIT will be presenting *Don Juan in Hell* by George Bernard Shaw. Showing in Dabney Hall, on May 23rd, 24th, 30th, and 31st at 8pm, and May 25th, 26th, and June 1st at 2pm. General admission is \$8 and student admission is \$5. For more information call x4652 or e-mail tickets@caltech.edu.

* On May 28th, students, staff, and faculty will be given a chance to test drive one of several General Motor EV-1 electric vehicles from 11am to 3pm at the San Pasqual Cul-de-sac. All drivers must be over 18 and have a valid drivers license. The test drive session will be followed at 4pm with a technical presentation regarding electric vehicles entitled "The History, State of the Art, and future of Electric Vehicle Propulsion" by Ronn Jamieson, Chief Engineer of the EV Propulsion of the General Motors Advanced Technol-

Mints

* denotes a new announcement.

ogy Vehicles Department. This event is sponsored by the Caltech Corporate Relations Office and the Caltech Electric Vehicle Club.

* Dr. James A. Secord of the Department of History and Philosophy of Science at the University of Cambridge will be giving a Science, Ethics, and Public Policy Seminar on the "Evolutionary Science as Public Culture since the Enlightenment" on Thursday, May 29th, at 4:00pm in Judy Library.

* The Totem has extended its submission deadline and will now be accepting submissions until June 12th. You can contact *The Totem* by e-mailing totem@cco or by contacting individual editors (Mina Leung, Amanda Eckermann, Peter Wang, Mason Porter, and Andrew Strauss). The Totem editors look forward to seeing your submissions!

Notices

The Student Services Process Engineering Group (STAR) is soliciting participation in Focus Group sessions to share experiences with student services and ideas for ways that they may better serve students in the future. Student Services, for the purpose of this project, encompasses the following offices: Admissions, Registration, Financial Aid, Student and Employee Accounts, Housing, Fellowships, Career Development, Alumni Association, Residence Life, Counseling Center, Health Center, Graduate Office, Undergraduate Dean, and Athletics. They will be meeting with faculty, students, staff, and alumni through June 6th. If you are interested in participating in a Focus Group, please contact Ellen Harris via e-mail at ellen@finaid.

caltech.edu.

* Nominations for the Junior/Senior Class Officers, little Business Manager, and the BoC Secretary will be open until Tuesday. All interested students are invited to sign up on the east windows of Winett.

* An Olympus Infinity Jr. camera and gray Olympus carrying case were lost on Ditch Day, Friday, May 16th. The camera and case were last seen at 8am in the box outside of Fleming 51 along with other Ditch Day materials, but was discovered to be missing at 2pm. If you have seen this camera, please contact Winston at wcyang@cco or Jen at x1054.

* The John Paul Getty Museum in Malibu (17985 Pacific Coast Highway), which was built by Mr. Getty himself in the art and style of the beach homes of the Pompeii ruins of the ancient Romans, will be closing permanently this coming July 6th, with the exhibits to be moved to the new Getty Center sight in construction near Westwood. Weekends through May are already heavily booked, but there are still opportunities on weekdays and through June for reservations. Getty reservations can be made via phone at (310) 230-7075.

* The California Tech has a 2000 dpi phototypesetter it would like to sell for \$500 obo. Direct inquiries should be made to adv@tech.caltech.edu or to x6154.

* The History and Social Science Division has announced the creation of two new H&SS classes for this coming fall: H 115a "British History" to be taught by Professor Johns, and Lit 148 "Postwar Fiction and Film" to be taught by Professor Jurca. The

H&SS Division has also announced the following additional courses to be offered Fall, 1997: L 153a "Intermediate Russian"; L/Lit 156a "Russian literature in Translation"; and MU 134 "Music of the Early Romantics" (see catalog for course descriptions). Additionally, the H&SS Division has announced the following Selected Topic Courses to be offered this Fall, 1997: Mu 101, "Advanced Music Analysis and Composition" (Prerequisite: Mu 129 or by permission from the instructor) and BEM 110, "Project Management."

* The Caltech Ballroom Dance Club will be giving a free East Coast Swing class on Wednesday nights, 7:30-9:00pm, in Winnett Lounge. The club is also hosting Rumba lessons on Thursday nights, 7:30-9:00 in Winnett Lounge. Taught by Let's Dance LA, these classes will cost \$6 per session.

From the Counseling Center

Looking for a safe and supportive place to discuss issues such as coming out, being out, dealing with family, coping with a homophobic culture, and being GLB at Caltech? Want somewhere just to make new friends? You are invited to the Gay/Lesbian/Bisexual Discussion Group, which meets on the first and third Tuesday of each month from 7:30pm till 10:00pm in the Health Center Lounge. This is a confidential meeting and attending does not imply anything about a person's sexual orientation—only that he or she is willing to be supportive in this setting. The group usually discusses a particular relevant topic and then moves on to the general discussion. Refreshments are served. If you would like

more information, please call x8331.

Fellowships and Scholarships

Information and applications for 1997 Summer Work-Study are available in the Financial Aid Office. If you are interested in Summer Work-Study, please submit the required application as soon as possible, but no later than June 2, 1997. Your entire financial aid application must be complete by June 2 to be considered. If awarded, the work-study funding will begin July 14, 1997.

The John Gyles Education Fund is offering financial assistance to students who are Canadian or U.S. Citizens. A minimum G.P.A. of 2.7 is required for eligibility. Criteria other than academic ability and financial need are considered in the selection process. Selected students will receive up to \$3,000. To receive an application, send a stamped, self-addressed envelope to: The John Gyles Education Fund, Attention: R. James Cougle, Administrator, P.O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B 5G4. Dates for 1997 are June 15, and November 15, 1997.

The Jewish Family and Children's Services is pleased to announce the continued availability of financial support for Jewish individuals and their families. JFCS provides hundreds of students loans, grants, and scholarships to Jewish students. Individuals may apply for up to \$5,000. Special scholarships are available for study in Israel. To be eligible, students must have financial need, have at least a 3.0 GPA, and be residents of San Francisco, the Peninsula, Marin or Sonoma counties, or the Bay Area. There are no deadlines—applications are accepted throughout the year and are available in the Financial Aid Office.

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