

Rudolph the
Red-Nosed
Reindeer, that's us!

THE CALIFORNIA TECH

Remember
the Alamo!

Volume XCIII, Number 19

Pasadena, California

March 6, 1992

Boffo Bonecrusher VIII

This term's second broomball will be held Saturday night - Sunday morning, March 7-8, at the Pasadena Ice Rink in downtown Pasadena from 12:30 a.m. to 6:45 a.m. Bring your own brooms if you can; if not, the Y has a limited supply. We will be providing refreshments at some point during the night. Come and watch even if you don't participate, it's a lot of fun.

Teams

- | | |
|--------------------------------|------------------------|
| 1. Team Wanky | 6. Flame Juniors |
| 2. Not Brains | 7. Damn Scurves |
| 3. Not Bolts | 8. Larger than a Truck |
| 4. Sophomore Crew of Cusswords | 9. Snowballs from Hell |
| 5. Hogscapades | 10. French Kissing |

Schedule

12:30 - 12:50	3 x 10
12:55 - 1:15	1 x 2
1:20 - 1:40	5 x 9
1:45 - 2:05	2 x 3
2:10 - 2:30	7 x 6
2:35 - 2:55	10 x 4
3:00 - 3:20	9 x 1
3:25 - 3:45	8 x 7
3:50 - 4:10	4 x 5
4:15 - 4:35	6 x 8

Rules

Show up on time for your game. There will be one one minute time-out allowed per game. No checking, no throwing past the blue line, no throwing of the brooms, wait for the ball to drop on face-offs, and generally be cool. Especially, no kicking the ball into the goal.

Playoffs:

The top four teams will advance to the semifinals, which will consist of two twenty minute games. After a break we will have a half-hour final. The criterion for making the semis are as follows:

1. Won-Loss Record (2 points for a win, 1 point for a tie)
2. Goal Differential
3. Style Points decided by Amit and Sam
4. Rock, Paper, Scissors by Amit and Sam

Caltech Wins ACUI Bridge Regional

Jeff Goldsmith

Every year, the Association of College Unions-International (ACUI) holds a recreation tournament in about a dozen different events. This year, Caltech participated in five events, sending sixteen students to Sacramento to compete. Caltech did outstandingly

well, with four first place finishers, three seconds, and six thirds.

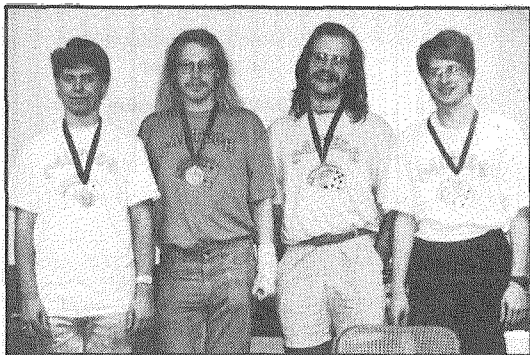
In bridge, Jeff Goldsmith, Fred Upton, Bobby Bodenheimer, and Brian McAllister came from behind in the last session to win in a very closely competed event. They will go to Memphis in May to try to win the National Collegiate Championship. The second Caltech team,

winners of the campus round were leading after each of the first two sessions, but faded to a disappointing third in the end behind a Berkeley team.

In foosball, Rob Rickenbrode and Julius Yang won the silver medals, losing to a team from San Jose State by scores of 7-6, 7-6. Caltech's second team finished third.

In chess, Jimmy Yee won a silver medal in another very close competition.

The Caltech teams were sponsored by the Y, Service League, ASCIT, GSC, Athletics Department, Director of Residence Life, and District 23 of the American Contract Bridge League. Thank you.



Brian McAllister, Jeff Goldsmith, Bobby Bodenheimer and Fred Upton, members of the champion Caltech Bridge Team.

Inside this week's

TECH

Letters to the Editors	2
outside view	2
ME 71 Update	2
Y News	3
IHC Minutes	4
Seniors Only	4
Bridge Without Sam	5
Crime & Incident Beat	7
Sports	7
What Goes On	8

Yevgeny Yevtushenko to Read at Baxter Lecture Hall

Maneesh Sahani

In an event of rare cultural magnitude for Caltech, the Russian poet and film maker Yevgeny Yevtushenko will be visiting the Campus this Monday, March 9. His program (to begin at 7:30 in Baxter Lecture Hall) will include the showing of his most recent film, *Stalin's Funeral* starring Vanessa Redgrave, and a short poetry reading. James Ragan will read the English texts of the poems that Yevtushenko will recite in his native language.

The son of two geologists, Yevtushenko grew up in Moscow and Siberia. He considered careers in soccer and geology, before settling on writing poetry for *Soviet Sport*. He was soon prominent, but not until the publication of his famous poem *Babi Yar* was he catapulted into the public mind. *Babi Yar* was critical of the establishment and of Stalin. It was a moving remembrance of the massacre of thousands of Jews by the Nazis while the Soviet army stood by. Although the establishment frowned on the poem, it captured the people's imagination and Yevtushenko weathered the government's censure to become his country's foremost poet.

Besides his career in poetry, Mr. Yevtushenko has been active in the recent political upheavals of his native country. He was a member of the Soviet Congress of People's



Caltech professor James Ragan and Yevgeny Yevtushenko. Yevtushenko will be giving a presentation of his poetry and his film "Stalin's Funeral" Monday, March 19 at 7:30 p.m. in Baxter Lecture Hall. Photo courtesy James Ragan.

Deputies, is an active member of the Russian Parliament and has been an open and strong supporter of Boris Yeltsin. He is also an accomplished novelist (*Wild Berries*), actor (he won the Silver prize at the Moscow International festival for the film *Takeoff*) and film maker (his first film, *Kindergarten* was well received. (*Stalin's Funeral* is his second).

Mr. Yevtushenko's books of poetry include: *Bratsk Station*; *The City of Yes*, *The City of No* and *Other New Poems*; *Kazan Univer-*

sity and Other New Poems; *From Desire to Desire*; *A Dove in Santiago*; *Almost at the End* and, most recently, *The Collected Poems 1952-1990* edited by Albert C. Todd, James Ragan and Yevtushenko.

James Ragan is the Director of USC's Creative Writing Program and an Instructor in creative writing at Caltech, besides being a prominent contemporary poet, playwright and screen-writer. He has read with Mr. Yevtushenko on many occa-



Dora Simmons, one of the artists at last weekend's Second Annual Tribute to African-American History through the Arts, displays her quilts and dolls in Dabney Lounge. The event was sponsored by Caltech, the Caltech Y and the Pasadena-Foothill branch of the Los Angeles Urban League to showcase the work of prominent and emerging African-American artists from southern California. Photo by Rajan Ranga.

Bridge
Without Sam

page 5

ME 71
Update

page 2

SENIORS
ONLY

page 4

letters

Please Note: Letter of less than 400 words will be given priority for publication; letters exceeding 400 words will occasionally be printed.

No Oil Doom

To the Editors:

The article that appeared in the February 21st issue of the Tech, "Plans for a Green Planet" contained some very questionable facts regarding America's energy policy. Robert Bowman states that America has nine years of crude oil left, but he omits several important assumptions. 1) No new oil will be discovered in America or off America's shores. Actually, over the past twenty years America's proven oil reserves have risen. This means America is actually less dependent on imported oil now than when we were born. 2) Large deposits of oil will remain off limits due to excessive environmental concerns. Millions of barrels of oil lie underneath "environmentally sensitive" areas. Despite the excellent environmental record of the major oil companies at well sites, these oil deposits remain off limits. Many people feared the Alaskan Pipeline would be an "environmental disaster" for Alaska, however it has operated with

an excellent track record since it opened, 3) That America will not import oil from foreign sources. America is actually acting wisely to purchase oil at today's low prices (\$18 to \$20 a barrel) rather than use its oil supply. America is using much of its reserves only when needed.

America can be self sufficient in oil production for a reasonable length of time (much longer than nine years.) When considering the current rate of discovery, the "depletion date" gets pushed back about another thirty years. If you include foreign oil, this date gets pushed back well into the mid to late 22nd century. Mr. Bowman's alarmist prediction of oil depletion within nine years is the latest in a long series of Domsday predictions that have passed. America was "supposed" to run out of oil in 1934, the 1950's and in 1985. (As well as many other dates that I cannot recall) All of these predictions make the same incorrect assumptions as Mr. Bowman. In 2002 we will be able to add Mr. Bowman's prediction to this list.

I hope that I have helped to dispel the sense of imminent doom portrayed by Mr. Bowman.

Peter Caylor

**Come to the Tech Meeting Today,
12:15 in the CoffeeHouse .
Submissions may be sent to
editors@tech.caltech.edu**

outside view

Khurram Dastgir-Khan

Free Speech and Us

Ever since political correctness [PC] burst forth as an issue two years ago, the press has devoted reams and reams of print to polemics on the subject. The press relishes a good fight, and this one is being passionately fought from every island of political opinion on the ocean of public consciousness. The partisans believe they are fighting for the soul of the university, although they fail to realize that universities play an important but ultimately partial role in education.

The controversies of political correctness raging on college campuses around the nation have (mercifully) eluded this campus. That is because Caltech has a science-oriented soul, and English literature has never been a popular subject here. But we should not simply disregard PC as yet another issue that better stay on the other side of California Boulevard. Vital issues, like the purpose of education and the role universities play in it, are being raised in the debate over PC.

If there is one issue, however, that goes to the heart of political correctness, it is free speech. Since free speech is a right enshrined in the constitution as its first amendment, it remains in the news as constitutional battles are fought in the courts. PC has given a new twist to free speech, and keeping with the historical tradition, the twist is being fiercely debated. Those sympathetic of PC argue that speech that offends certain groups is an abuse of the first amendment, and detrimental to the harmony of the society. The doctrinaire free-speech advocates cry foul, noting the irony that the same people which fought for free speech in the sixties are now urging "sensitivity restraints" on speech.

Free speech is not a sterile academic issue, but an underpinning of democracy as we know it.

Regrettably, free speech is almost always embroiled in politics, which some of us find unworthy of attention. But let us not forget that unimpeded exercise of speech is a *fundamental* right and requires attention from each one of us (a reading of Orwell's *Nineteen Eighty-Four*, perhaps). As college students, we have an once-in-a-lifetime luxury of not having to think about mundane realities of life like jobs and families. This is the time where we should be giving profound thought to fundamental issues before forming our opinions. Each one of us should find out where he or she stands on free speech.

ME 71: New Class Enrollment Policy

Joel Burdick

We were totally unprepared for the large demand for ME 71, and thus did not think it necessary to formulate a policy for ME 71 enrollment prior to pre-registration. The limited enrollment of ME 71 is not arbitrary. The mechanical engineering shop can handle only a limited number of students.

Since Caltech prides itself on its honor code and sense of fairness, we have decided to enact the following registration policy for ME 71 which we think is a more equitable approach to allocating this scarce resource. We are also trying to formulate a solution to the long term problem, but this policy is the best (we hope) solution to the immediate problem.

From March 4 to March 11, students who want to enroll in ME 71 for the spring quarter should fill out a simple questionnaire in Thomas Building 208. This new sign up procedure WILL NOT BE a first-come-first-serve affair. Instead, we will use the following priority scheme to determine who is most eligible to enroll in the course.

1. Juniors (as they need this course to be able to take ME 72)
2. Seniors (it's their last chance, but they can't take ME 72, so they are lower in priority than juniors).
3. Sophomores.
4. Freshman.

Engineering and Applied Science majors will be given priority over other majors. Students who tried to enroll in ME 71 last year, but were unsuccessful, should indicate so. They will be given some additional priority. Finally, students who stayed up all night to pre-register will be given a small priority as well.

continued on page 3.

SPRING RECEPTIONS FOR ADMITTED STUDENTS

The Alumni Association and Admissions Office are hosting receptions across the country for newly admitted students. The receptions will be held over Spring Break. If you can be present at any of the following, please call Karen Carlson at x6593. If you remember, students really want to talk to current students as they make their decisions.

Seattle

Saturday, March 28
2:00-4:00 p.m.

Portland

Saturday, March 28
3:00-5:00 p.m.

Sacramento

Saturday, March 21
2:00-4:00 p.m.

East Bay (California)

Sunday, March 22
3:00-5:00 p.m.

Peninsula-San Jose (Saratoga)

Sunday, March 29
3:00-5:00 p.m.

Minneapolis-St. Paul

Tuesday, March 24
7:30-9:00 p.m.

Chicago

Saturday, March 28
10:00 a.m.-noon

Denver

Thursday, March 26
7:00-9:00 p.m.

Dallas-Ft. Worth

Friday, March 27
7:30-9:00 p.m.

Boston

Tuesday, March 24
7:00-9:00 p.m.

New York City

Tuesday, March 24
6:00-8:00 p.m.

New Jersey (Gillette)

Wednesday, March 25
7:30-9:00 p.m.

Washington, D.C.

Saturday, March 28
2:00-4:00 p.m.

Miami

Saturday, March 28
2:00-4:00 p.m.

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THE CALIFORNIA TECH

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continued from page 2.

The enrollment limit of 25 students will be increased to 30 students. It is our intention to first enroll juniors and deserving seniors. Remaining slots will be filled by a random lottery pick. We will post the final class enrollment list on March 13 outside of 208 Thomas Building and in the Registrar's office.

Because of the limited enrollment, no pass/fail grading will be allowed. We hope this will discourage students who are not serious about the course.

Apologize for the inconvenience, confusion, and lack of sleep this whole affair has caused. Questions can be answered by Prof. Joel Burdick, 356-4139, Mail Code 104-44, jwb@robby.caltech.edu, or the Registrar's office.

Y News

Lieven Leroy

End of the term coming up, ready or not... Really, it's just because it's second term that it all feels so bad. It gets better. Actually, it only really gets better for seniors. Stiff upper lip, it builds character! Decompression around the corner, too, but there's more:

March 7: Saturday night till Sunday morning, the second Broomball of the term!

March 10: Tuesday, 7PM, in Dabney Hall, the Impact self defense group will be giving a demonstration. The class has been offered for two terms now here at Caltech, and I've yet to hear a bad word about it. Impact teaches verbal and physical self defense based on realistic rape/mugging scenarios and full-force attacks against protected opponents. The class will be offered again third term thanks to contributions from the OWC, the GSC, ASCIT, the Caltech security office, and, of course, your humble servants at the Y.

March 11: Wednesday afternoon at 4:30 there will be a discussion on date rape prevention in the Winnett Lounge.

March 14-15: DECOMPRESSION! The biggest Y event of the term. Lots of food, movies, and the Dating Game back by popular demand. We still need volunteers to help out.

If you can spare a couple of hours Saturday or Sunday, sign up in your House or at the Y. It's not long, it's a flick, there's lots of fun people around, and you can get first pick at the food...

Spring Break:

The ski trip to Mammoth (March 22-25) is full. The camping trip to Joshua Tree (March 23-25) and the mountain biking trip (March 26-28) still have some space, as does

the volunteer trip to Tijuana (March 21-28). Contact the Y for information and to sign up. People in the camping trip: Keep reading, please. IMPORTANT — Organizational Meetings:

Today at noon in the Y Lounge the first meeting for clubs interested in participating in International Day will take place. International Day will be in late May. If your club is interested, please send a representative to this meeting.

Wednesday, at 4PM, in the Y Lounge, there will be an organizational meeting for those who signed up for the Spring Break Camping

Trip. We need to discuss food, transportation, equipment, and other important matters.

The Y, last defender of campus activities in these dark, recession-plagued times, is located in the heart of our campus, on the second floor of the Winnett Student Center. Stop by or call x6163. The Y Excomm meets in the Y Lounge from noon-1PM on Mondays. The area around the Y offices also contains our Rideshare Board for those trying to organize rides across the US and the Y Book Swap shelves.

We have openings for all staff positions; inquire at room 40 of the SAC or editors@tech.

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Seniors Only

Jonathan N. Liljeblad

The Day is Bad and I Feel Similar, Likewise, And Equivalent To

Did anyone ever tell you to enjoy being young? I mean, did you ever have anyone come up to you and say: "Hey, kid, just wait until your body withers away?"

My high school physics teacher once laughed at us and said, "Yeah, all you young kids. Just you wait. You'll wake up one day and everything's going to hurt...After 19 it's all downhill. And then you'll find out just how old you really are."

I can remember that the class laughed along with him and that I thought "...till then, buddy, till then..."

But that was four years ago.

It doesn't exactly happen overnight, but it is somewhat annoying to realize that things aren't going the way you'd usually expect them to. First comes the pulled hamstring, then the twisted knees, and then the strained back before everything starts piling in a neverending avalanche of reminders that hey kid, you're not any younger.

And then you figure that yeah those chronic shin splints probably really are from flat feet, that you really should take 15 minutes to warm up (and even that's waaayyy short), that banging into walls really does

hurt, and that serving a tennis ball really is thrashing my shoulder to all hell...Dang, I feel OLD.

So okay, go see the trainer. Except one thing...

It's closed.

Fine dammit, I don't need help anyway. I may be 21, but that is NOT old (is it?). So there, HA. Just because I feel old doesn't mean I am.

But that still doesn't help things. Because it's starting to become difficult to keep my hand moving when writing notes, kind of like it's becoming really hard to hit these computer keys right now. And my wrist is doing the Nancy Reagan to Just Say No. That, and the weird sensation that I don't feel pinching my thumb and middle finger together. Which doesn't ameliorate anything since my elbow is saying "You stupid stupid stupid young kid, ain't you ever gonna learn? Leave sports to the pros. Whaddya they're pro? And you think you can play? You dumb young moron..."

Then the guy next to me says "Yeah, I had a rotator cuff problem once. Took me 6 years to get over it."

Six (6) YEARS?!?!?

Aaaaaaaaaaaaaaaaaaaaaahhhhhhhhh...

Forget it. I'm not old. There's nothing wrong. I feel fine, great, just dandy. The teacher was wrong. Yeah. Sure. I don't need anything. Healthy as anything.

Not.

I want the body I had when I was 18, dammit. Now. Here. Pronto. In the present. Like you reading this.

It's like Keith Oslakovic said: "It sure would be nice if you could go a day without anythin' hurtin', you know? I mean, it sucks not bein' 19."

IHC Minutes 4 March 1992

Ben Smith

Sign ups for IHC secretary will go up on the door to the IHC Room (next to Kim's office) on Friday 6 Mar 1992. Sign ups will be taken down on 31 Mar 92 (the first Tuesday after Spring Break. The IHC will select a Secretary on Wed, 1 April 1992.

Nate introduced Joanna and immediately took off.

Discobolus: Lloyd and Page are playing this weekend. The next challenge will be in third term.

Baseball: I summarized the issue for Joanna. It was suggested that Dan Bridges should be invited to an IHC meeting next term to discuss baseball. Bryce offered to convene the committee of House Ath teams to talk to Dan Bridges about equipment, price of equipment and of course baseball.

Undergrad Phone Network: I mentioned that Walker and I are looking into procuring a extension network that would put a phone in every on campus room. Initial indicators are ~\$200,000 for the system. Walker and I are looking into severely cutting that number. Possibilities include replicating Blacker's BTE for all Houses. Note: 800 students x \$62.5 x 4 years = \$200,000. To get a phone installed in your room by PacBell is \$60. It costs \$30 to switch the phone every time you move.

Ricketts will no longer be able to use 241 Holliston starting this summer as an off campus alley. Since there is a large demand for the unaffiliated spots, Kim will not give more spots to affiliated housing. Current affiliated housing is as follows. Brackets denote number of spaces:

continued on page 5



**MANDARIN CUISINE
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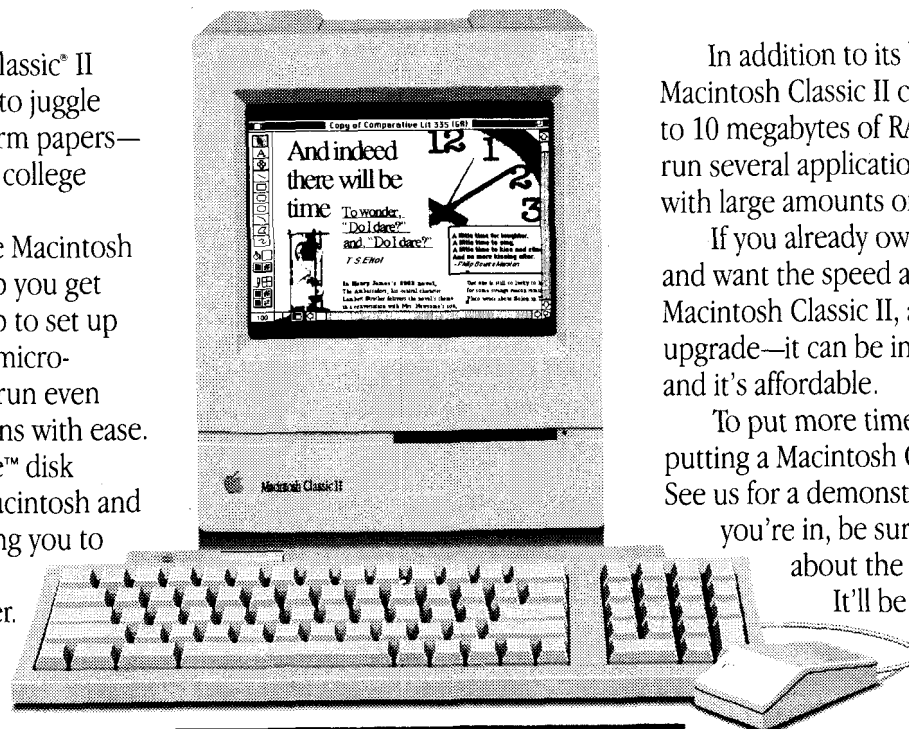
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The Inside World

Inside World Policy:

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

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

Ricketts: Julius Yang

Dabney: Momo Jeng, Mike Benedetti, & Heidi Sutton

Fleming: Jessica Nichols

Blacker 1: Zack Berger & Matt Clapp

Blacker 2: Walker Aumann & Bevan Bennet

Blacker	0	0	0	0	0	1	0	0	4	2 nd	1 st
Dabney	1	0	2	0	0	0	3	2	5	5	3
Fleming	0	0	0	0	0	0	0	1	4	13	12
Lloyd	2	0	1	0	0	0	0	0	0	5	17
Page	0	0	0	1	0	0	2	3	0	3	11
Ricketts	3	0	0	2	0	2	0	4	2	6	10
Ruddock	4	0	0	0	0	3	4	0	0	13	8
										11	9

BLACKER1

"Sometimes I think you spend more time on Gerbil than you do on me and the children," she said.

He denied it at first. But then he thought about it a little more: the late-night trips to Builder's Emporium ("Damn, that's a lot of _____," (wood, cardboard, duct tape, rope) they'd say, whatever was being bought); the all-nighter lamination sessions. When was her birthday? When was their anniversary?

It was all meaningless to him now. He remembered when the addiction had started—his first time scrounging with that sleek, sexy, lean, brown ASCIT Van. "I think you and the boys spend more time in that van of yours than you do eating or sleeping," she scolded. He couldn't deny it. He knew every inch of her, his ASCIT Van. That familiar bounce, bounce, bounce, after every stop—no sluggish shock-absorbers for his pride and joy. The thrill of G-forces as he turned corners—sometimes he even foolishly thought the Van might tip. He laughed to himself at his naive lack of faith in the Van. How much wood had she hauled, winding up through one-lane mountain roads, inches way from dangerous precipices? How often had pedestrians and Volkswagons scrambled to run away from this mighty machine? She was truly a thing to be admired and revered, no matter what the others thought.

"How many times," she said, pointing her finger, "how many times have you gone out to mix up glue rather than having dinner with us, at home? How many times have you sat alone in the courtyard, listening to "Paperback Writer" with the volume up?"

Too many times, he knew—too, too often. And if it wasn't "Paperback Writer," it was "Weird Al's Greatest Hits." And if it wasn't that—well, you could ask the CD player in Matt's room, which had taken control of its destiny and chosen the songs it wanted to hear, it alone and nobody else. You could ask it to play twenty different songs and after each one it would come back, panting, to "Paperback Writer."

"The upperclassmen don't even have the dining room to eat in anymore," she said, accusingly. "When is that cardboard going to be gone?"

He wasn't listening anymore. All he heard was the almost-silent whirring of the pumps. All he saw in his head was one huge Gerbil, starting with Fleming, munching its way through Ricketts, stopping at the gates of Hell.

"There are upperclassmen beating at the door," she said. "They want to know when you'll quit disrupting their routines. When they can go about their business. When power tools are silent. Blacker Hovse is asking you. We want our lounge back." She pounded her fist on the table. "Look out the window—look at those people." She pointed out the window into the courtyard. Hundreds—present Moles, past Moles—carried sign: "No more Gerbil. Gerbil must end now!" There was even a few Anti-Modularity demonstrators screaming names at Gerbil. "Face it," she said. "You're addicted

to it."

He agreed halfheartedly. But he saw into the future: he and his fellow freshmen, sawing wood, pounding nails, painting cardboard—missing lectures, accumulating extensions, losing sleep, lacking dates. Would that make him happy or make him sad? He wasn't sure—but he knew that he would die very, very soon.

HintOr (& AN-I-MAL!)

DABNEY

Report on the Discovery Of Positive Correlation Between Freshman Female Dating Rate and Undergraduate Attrition Within the Six Houses During January of 1992

In January of 1992, we undertook a research project to collect data on possible differences in the six undergraduate houses*. We discovered not only that there were differences between the houses, but a surprising correlation between the percentage of frosh females who were dating other Caltech students and the number of people who "flamed." In reading this, please keep in mind that many data points have changed during February so that the old statistics are no longer accurate. Research teams have not yet collected current data; however, we have good indications that our new data points also support this correlation.

In each of the six houses, I collected information on what percentage of the freshman females from each house were going out with other Caltech students, and how many students had flamed from that house. The surprising correlation is shown below.

House	Frosh Female Dating Rate	Number of Flames
Dabney	87.5%	5
Ricketts	72.7%	3
Blacker	50.0%	3
Page	28.6%	1
Ruddock	21.4%	0
Lloyd	17.6%	0

We see that a 14% rise in frosh female dating rate is roughly correlated with a one person increase in the flame rate.

The correlation is relatively clear. Whether any causality is involved, and if so,

Continued on page B

Dabney House Inside World Continued from Page A

what direction it occurs in, is not precisely determined. Either frosh females dating encourages others in the house to flame, or people flaming somehow encourages frosh females to date. Some have suggested that perhaps no causality is involved, and that the correlation is the result of the type of people the house selects - this is clearly false*, as is apparent to the casual observer.

One common misconception is that it is the people who date are the same ones who flame. Our statistics do not support this conclusion.

Before finishing this report, I feel that I must include new data from February, even though all our data has not yet been confirmed or analyzed. Mid-February saw a sharp campus-wide drop in the freshman female dating rate, a phenomenon termed by many as the mushroom effect. Interestingly enough, the same week, reports came in of inverse flaming - that is, people who flamed earlier in the year coming back voluntarily. We are still trying to interpret this, but we do not currently believe that this supports any theories of causality.

Important work still remains to be done in this field. Most importantly, we wish to determine in which direction causality acts. This will only be possible when we improve our research methods so that we can determine the exact times and locations of dating and flaming. Therefore, it would be greatly appreciated if any new data was directed to the Office of Caltech Attrition, located in Dabney, rooms 17 and 33.

Momo Jeng
(Director of Research)
Michael Benedetti
(Harasser of Director of Research)
Heidi Sutton
(Charts and Graphs)

+ No reliable information can be found in Fleming.

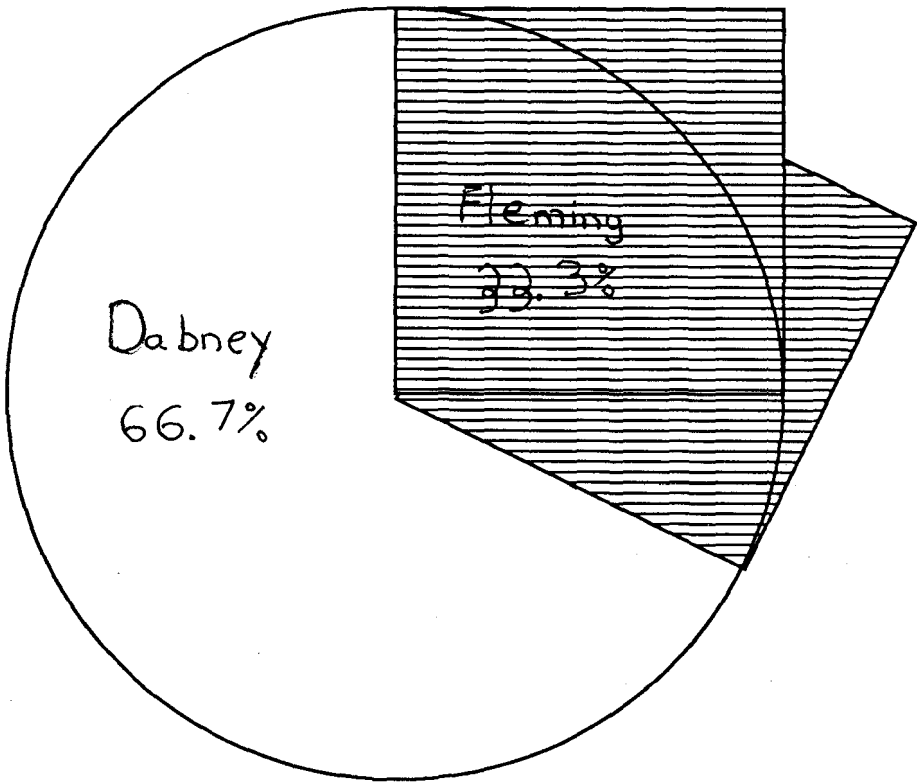
An apparent black hole of information exists.

* For those who question my data or scientific method, I refer you to the lab notebook of the great Robert Millikan.

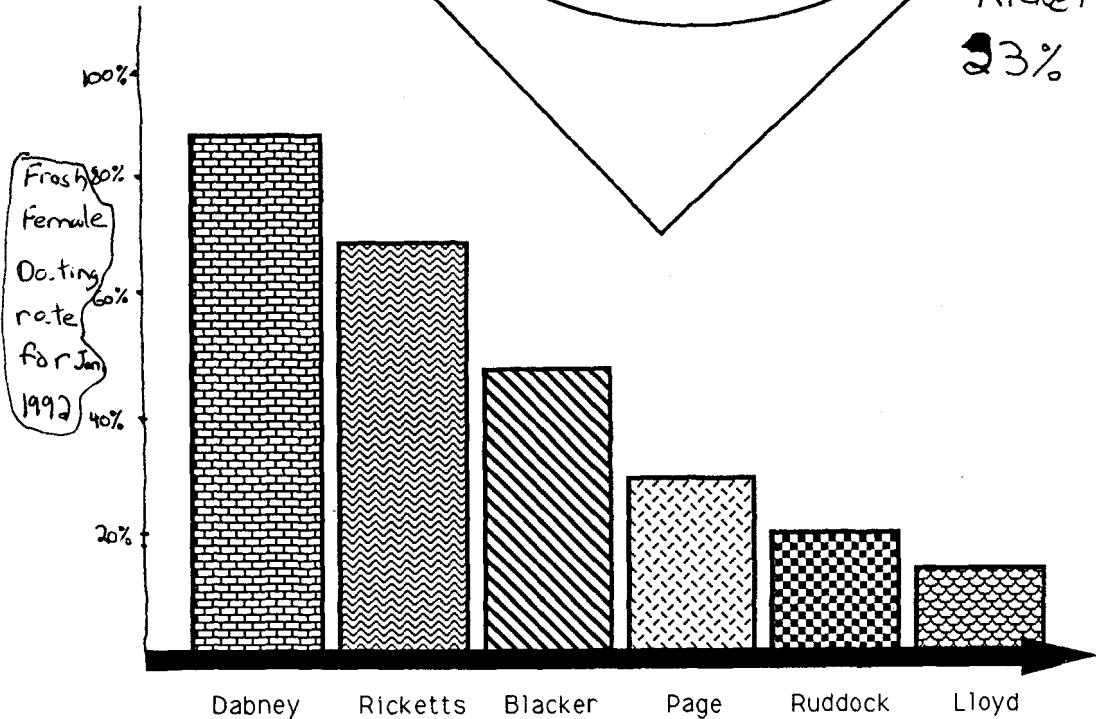
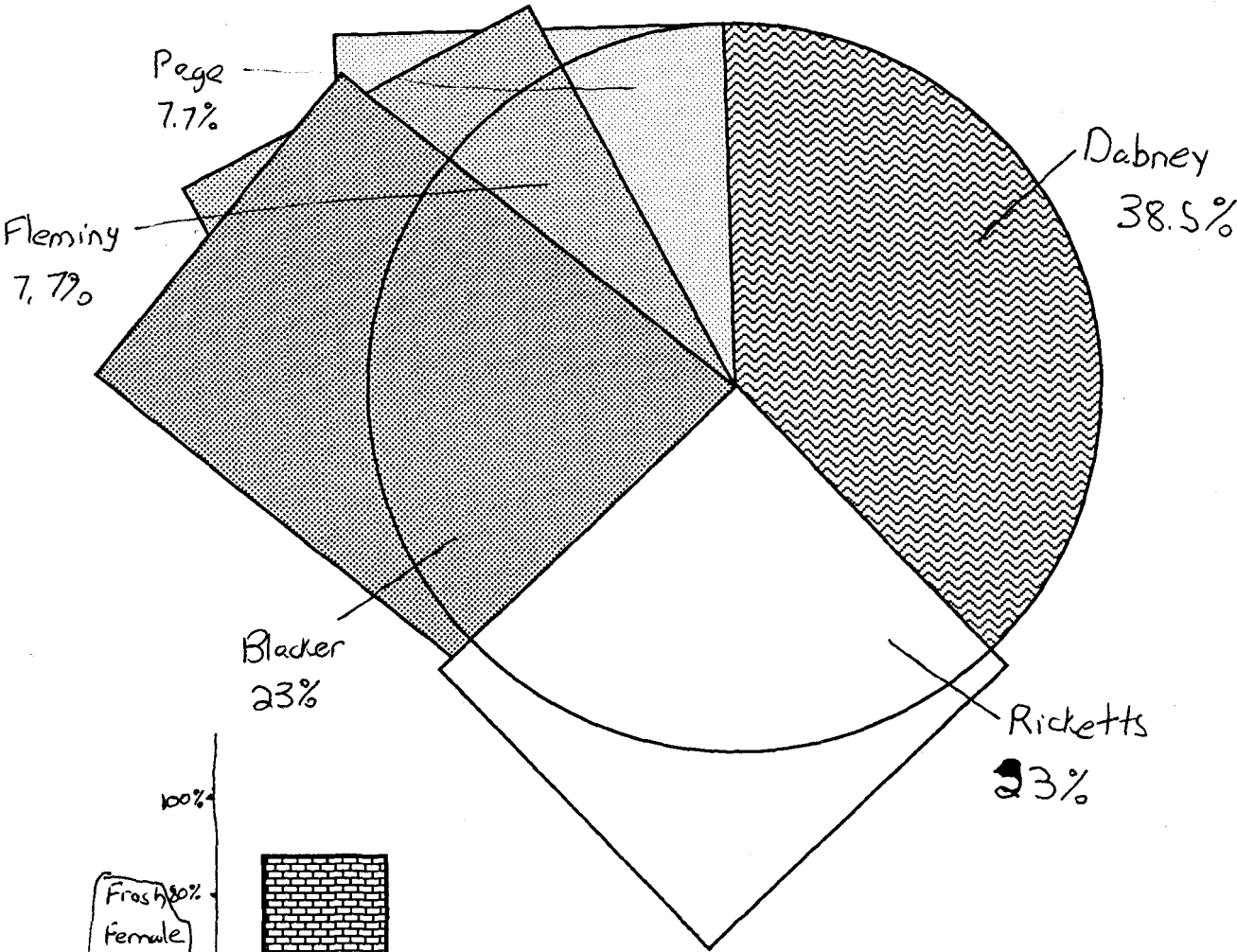
And now, a limerick from the Pungent:

There once was a man from Venus
Who had a long Encinas.
Encinas is a city
In California.
Yes, that is Encinas.

Freshman Attrition Rate



Student Attrition by Jan 1992



BLACKER2

Welcome to Blacker Hovse, the disaster area of the Western world. Where Pestilence strikes at least once a week, and the lounge is full of severed heads.

To help fund our reconstruction, Blacker is sponsoring several new fund-raising ideas...

ARE YOU HAVING PROBLEMS WITH YOUR FINALS?

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WELL LOOK NO FURTHER!!! AN ANSWER HAS ARRIVED!

For only \$29.95 (That's \$29.95!), you can have a BOC rep take your finals for you! In the unlikely event of his deciding to prosecute you (and himself as well) you will get A FULL REFUND!

That's right, forget your fears! Forget your work! Forget your morals! Have a genuine BOC rep take those messy finals for you and relax this term! (Biology, Chemistry, and freshman courses our specialty.)

Contact Gary Olsen, Blacker room #22 for more information.

(and if you're still worrying about the BOC, come see them in concert on Wednesday, March 11 in San Rafael!!! Don't fear the reaper!)

STRESSED OUT???

Do you just feel like beating the crap out of something/one???

Come down to Blacker's Stress Relief Hut, where for only \$5

you can whack your favorite prof or TA over the head with a

2x4!! Hurry on down, the first 3 hits are free!!!! And for a

limited time, you can use a 4x4 (!!!!!) for the same price!

(subject to prof availability)

TOO MANY HUM PAPERS???

Bring your assignment down to Blacker, and for a modest fee, we will write it for you!!! In a new experimental version on the "infinite number of monkeys" method, each mole will contribute one or two words to your paper, which when collated and translated, will be a literary masterpiece worthy of Shakespeare, Thoreau, and Douglas Adams!! Don't delay, get your paper written by a near-infinite number of moles today. (we're cooler than monkeys).

UNABLE TO GET THE CLASSES YOU NEED TO GRADUATE??

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With the way Registration is going, you're going to need a spot in line soon! For two dollars a day, an experienced, professional, Blacker line sitter will SAVE YOU A SPOT IN LINE for pre-reg, third term, 2003-4! Hurry up, estimates show that ME71 is already half full!

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For practically nothing (\$6.66) you too can be lulled to sleep by Mozart's famous "Sonata for Power Drill and Sawzall" featuring the Blacker Sympony Orchestra.

Conductor: Kristin Polito

first Hammer: Matt Clapp

second Hammer: Debbie Leung

Circular Saw: Brian Moerdyk

Power Drill: Adele Shakal

Makita Cordless: Christine Chen

Sawzall: Bevan Bennett

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Thank you for your support.

Thog like inside world. Go bite heads off of lizards now. mmmm good. Thog LIKE lizard heads. Thog also like music. Listen to Megadeth. sound almost as good as banging two rocks against head.

Bye bye.

-thog

RICKETTS

Last night was the most lethal broomball I've ever seen! Dan got a scratched cornea, I was hit in the throat (thanks, Frank, you bo zo), Justin got nailed by a wall and Newton's Laws, and numerous injuries were sustained by all. I guess we're getting a little too vicious on the ice, but all that means is that the Damn Scurves will win Boffo this Saturday/Sunday.

Along those same lines I overheard some Rudds talking about playing totally smashed since OPI is the same day as Boffo. All youse g eeks, stop dat studdyin' and party. Ya gotta have some fun at college, or you'll wind up like Melissa. (Oops, there goes my APh 24 grade.)

I wish I had a car. Albert, Rob, Rich and I went up to Sacramento last weekend to play in a fußball tournament. Unfortu-

nately only four teams showed up. Rob and I managed to crush two of the teams handily, but the fourth team proved to be nearly our equals, and I am saddened to report they squeaked by us to go to the nationals. But what the hell, they were dicks anyway. I had a ton of fun driving up and back with those guys in a rental car—that Sentra was totally thrashed by the time we got back. We averaged 65 up to Sacramento, with two gas breaks, but on the way back I got a ticket (!) and we proceeded more cautiously. Even so, the engine was making damn weird noises, though the rental attendant didn't seem to care. Just hope he doesn't discover the cracked windshield or the broken mirror or the underinflated tires or the gerbils in the air conditioning.

Enough of the news, what's funny in Ricketts these days? We had elections, and I have to say our new ex-comm's straitjackets are ab out ready. Hell, I'm probably the most sane person on it, even though I've tried to bike up Mount Wilson and managed to fall asleep somewhere in La Canada. (Still don't remember that part though. I think Wally hit me over the head and mugged me or something.) No, kidding aside, the ex-comm should do ok. It's too bad Zeus can't move on campus—Pablo will just have to suck up treasurer duti es with me.

Top Ten Reasons Why Julius Writes Inside Worlds 10. Hoping for that Pulitzer Prize to tack up next to his fuBball medal 9. Secretly receives valuable cash prizes from Pat Sajak 8. Thinks he's funny 7. Wants something to read during Friday lunch, even this pap 6. Is 6's love slave 5. No girlfriend 4. Likes the comfy chair in front of the Tech NeXT 3. Figures they'll be more permanent than jello-snorting stories 2. The babes And the number one reason why Julius writes Inside Worlds: 1. Decreases the incidence of Jim's Journal Syndrome among cheap college newspapers.



I've just been handed this sheet from the Registrar, hm.

Psy77 (0-9-0) Advanced Laboratory Students will be modern experiments in psychology. Topics covered will include theories of hate, the suicidal impulse, and abno rmal behavior. Instructors: Yang, Landry, Xystus

Lin106 (3-0-6) Speech Pathology The student will examine speech patterns, correlating frequency with meaning, syntax with semantic content, and other factors. Instructors: Meyer, Oglesby

Ricketts House Inside World continued from page C

PA37 (0-3-0) Flaming

Projects in this course will involve the correlation of GPA with amount of time spent working. The ideal student will have absolutely no qualifications except a willingness to try new things. Instructor: Renner

PE6 (4-0-8) FuBball Theory

FuBball, a sport whose origins are lost in the mists of time, is covered in depth. Mechanics of wrist action, the Spot, banks, and cheating is covered. There will be special emphasis on verbal abuse. Instructors: Yang, Renner

PE10 (168-0-0) Broomball Marathon

In the pursuit of physical fitness the time-honored sport of broomball will be examined closely. Registration is limited to twenty students, no subs. Instructors: Schaaf, San Clemente

Mu98 (0-0-11) Amplification Lab

Earplugs recommended. Instructor: Wagner

Doesn't sound like I'd like to take any of those courses, though. I have to keep my grade point decently low.

Well, I apologize for not being funnier this week—on second thought, I don't. Laugh-a while you can, monkeyboys. It sure beats re ading scholarships from the American Roofing Foundation, doesn't it?

FLEMING

ALL RIGHT!! (Sorry - I couldn't resist.) After suffering for most of the term without the weekly entertainment more commonly known as the Fleming House Inside World, a feeble attempt was made last week by a couple of members of the newly elected Farmboys/House Rednecks Team. Speaking of which, this is a little behind the times, but as the newly elected secretary, I feel that it is my duty to publish the **NEWLY ELECTED OFFICERS OF FLEMING HOUSE.**

Most Naive frosh
House Snake
Girl Next Door
All-American Boy
Permafrosh
House Food
Farmer's Friend
House Redneck

Gheno Ghene
Duke
"STEEVIE!!"
Pinky
Mom
Chicken

House Purity Symbol
House Slug
House Plant
House Wench
Master of the Universe
Batons

Hoek, Timbob,
and Pinky
g'n'f'n'r's
Juice
Slim
HO
Fuji Fuj
Pinky, Justy-Just,
the Hat, Gheno
Ghene, Sarah-ho

But now that that is all over, let's move onto the more important things... The BRASS-BALLED, IRON-FISTED, WELL-EQUIPPED, STRONGER, TALLER, MEANER, FARM-BOYING, HELL-RAISING, GODS AND GODDESSES OF THE ONLY ALLEY WITH ANY ATHLETIC PROWESS IN THE HOUSE (or on campus, for that matter), ALLEY 1, have been challenged by the lame-ass, beer-zooking, sniveling, whining, jis-dripping, class attending, 95-snaking, fag blowing, definitely not the alley of the gods, to the wimpiest, lamest, limp-dickest ALLEY CHALLENGE ever seen in Fleming House. Gimme a fucking break. Just because you asshole, male-chauvinistic, mother-fuckers have driven all of the women out of your piece-of-shit alley,

doesn't make you superior in any way, shape, or form. (Okay, maybe you don't have to knock when you go into the shower, now, but that's not that big a bonus.) Just because you are too fucking **BALD** to grow any hair doesn't mean that you are cool. Let me tell you — bald does not equal sexy. Besides, isn't a little hypocritical that the only (dare I say "man" ?? not!!!!) male in your entire fucking alley that had enough balls to take the abuse at dinner ISN'T EVEN COMPETING BECAUSE HIS HAIR IS TOO LONG!!!! How lame. Fuck you. Besides, only a Loser (with a capital "L") would forget that that the only way to win is to cheat the best. So just because there are four women and one long-haired fag in ALLEY ONE doesn't mean that you'll win.

In the great tradition of Fleming House Social Events where we go over and drink other people's alcohol, this weekend's social event is PUKING IN RUDDOCK COURTYARD!! There is never a better event than getting to drink someone's beer for no cost at all!!! So I encourage everyone to go over and drink and puke in Ruddock courtyard on Saturday night.

Although I was not here to witness it, I have been told that a certain UCC (and a true permafrosh) drank for an hour and then zooked like a bitch for four hours. Get a clue!! “Beer then liquor, never been sicker. Liquor then beer, your in the clear.”

Well, as the night progresses, I am getting further behind on already overdue assignments. (Too bad I can't sleep for 29 hours and wish my assignments away.) But stay tuned next week for the latest in gossip from Fleming House, **WHERE MEN ARE MEN, GIANTS WALK THE EARTH, AND THE THUNDERING HERD IS REAL!!**

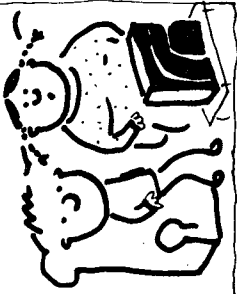
- Mom

PS: This document had to be heavily edited by the GOD-AWESOME ALLEY 5555555555555555555555 because we all know that Mom doesn't go to school.

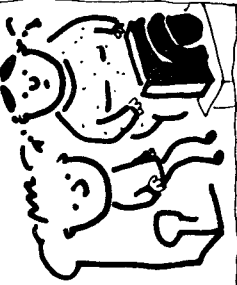


by Jim

Ruth said, "Wouldn't it just be terrible to be shot like that?"



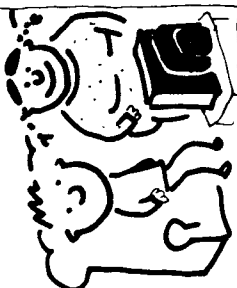
A report on the news told about somebody who got shot.



Mr. Peterson was trying to burrow into Ruth's new coat, which was on the big chair.



Ruth and I watched the local TV news for a while today.



Jim's Journal

continued from page 4

Blacker:
255 South Hill [9], part of 290 Holliston [3]
Dabney:
222 Chester [4], 317 Holliston [8], part of 270 Holliston [3]
Fleming:
1052 Del Mar [8], part of 280 Holliston [2]
Lloyd:
230 Chester [4], 297.5 Holliston [2], part of 280 Holliston [2]
Page:
part of 290 Holliston [2], 1/2 of 297 Holliston [5]
Ricketts:
part of 270 Holliston [3]
Ruddock:
part of 280 Holliston [3], 1/2 of 297 Holliston [5]

Rich proposed the following changes. Both Blacker and Page lose spots in 290 Holliston, Dabney's spots in 270 Holliston are given to Page. Ricketts gains 290 Holliston. Blacker is willing to loose the spots. Alf said he had to check with his secretary. The IHC will make a decision next week. Presidents should think of different viable solutions.

Summer Housing: various ideas we tossed around for picking order in the South Hovses. One general idea was to have sign ups for each house. That way a few doubles might go as singles. The only logical place for high school students would be in Marks and Braun (to keep an eye on them). Rich wants to house the high school students in the Steam Tunnels. Nothing was decided. We will discuss this in depth later.

Alf expressed an interest in receiving copies of Housing Committee minutes. I'll try and get some.

The Hazing committee meets at 9:30 on Tuesdays in the IHC Room. They are looking at current laws, rules from other schools and asking the Administration for want the Administration wants in the form of hazing rules.

We touched on the topic of how to increase campus security. I suggested that if every House President had an entrance key for every building, then doors would remained lock more often.

Bridge Without Sam

Jeff Goldsmith

Caltech Wins Intercollegiate Regional

In a very tightly contested regional final, Caltech "B" came from fourth place after two sessions to win the Intercollegiate Regional Tournament. Our region includes California, Nevada, Hawaii, and a bunch of islands. The winners were Jeff Goldsmith, Fred Upton, Bobby Bodenheimer, and Brian McAllister. Leading the field after each of the first two sessions, and finishing third were Caltech "A", Dan Weaver, Dan Xystus, Phil Cofield, and Willy Watson.

Average was 120 Victory Points. The final leaders were:

1st	Caltech B	180VPs
2nd	Berkely 1	172 VPs
3rd	Caltech A	169 VPs
4th	UCLA 1	160 VPs

This week's hand almost cost the winners their match against UCLA

1. I held in second seat, not vulnerable vs. vulnerable:

♠Q4 ♥AKJ1062 ♦A10 ♣A9

This would be an easy 2♣ opening bid, but unfortunately, dealer, on my right, opens 3♣. This call is easy: I must double for takeout. I intend to bid hearts, but I want to indicate to partner that my hand is flexible; I have a decent dummy for spades, or maybe even clubs. The opponents have done their dirty work and pass hereafter, but partner finds a 5♣ call, leaving me with a problem.

The choices seem to be: Pass, 5♦, 5♥, 5NT, 6♣, and 6♥. Partner has shown some values, so we must have a slam, so I do not want to pass. Clubs might well not be the right strain, either, so I must bid something. 5♦ would be fine if it suggested that partner describe his hand, but in this position it must be a forcing club raise. I want to get the majors into the picture, so I think 5♦ is off on the wrong tangent. 5NT is the Grand Slam

Force in clubs, asking partner to bid seven with two of the top three honors in clubs. He must have club length and either the ♥Q or the ♠K, or both, for his jump, so this is not unreasonable, but I do not think I ought to commit to a grand slam having never bid hearts. 5NT must be better than 6♣, though, since it puts a grand into the picture. What about 6♥? That has to be wrong; partner will pass when clubs or spades are better. If partner does not have support, I might lose a heart and a diamond before I get started. How about 5♥? Oddly, I think this should be forcing. I cannot have a two-suited hand because I doubled rather than bid 4♦ over the preempt. If I have just a one-suited hand with hearts, it must be so good that, with partner's stated values (he jumped), then slam must be on. With good, but not quite this awesome a hand, I would have bid 4♥ immediately over the preempt. Therefore, I must have either a flexible hand that is not sure about the strain, or a huge hand that wants partner to further describe his hand (at the five-level!)

If 5♥ is forcing, is it right? It seems right to bid hearts now. If partner bids spades or rebids clubs, at least I have some confidence that we are in the right suit. I am still concerned, however, about the play of the hand at hearts. I can see two quick losers if partner does not have the ♥Q. Partner has stated that he thinks that clubs ought to be trumps. I cannot tell, and I do not think that I shall ever be able to decide intelligently at this level, so I think it is best to follow partner's lead. I rank the choices, adding 6NT and 7NT, which, at least, are possible guesses as to the final contract:

5NT	10	6♥	2
5♥	7	7NT	2
6♣	6	6NT	1
5♦	3	Pass	0

The American Contract Bridge League Nationals will be held the Pasadena Civic Center March 20-29. There will be nice gifts for everyone and two for all novices. Caddies are needed during the week; the pay is \$40 per day (two four-hour sessions.)

The Caltech Bridge Club meets every Monday night at 7:15 in the Red Door Cafe and holds lessons for new players every Tuesday night in 72 Jorgenson Hall at 8:15. Everybody is welcome; call Jeff Goldsmith at x2818 for details.

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OR WRITE:
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LOS ANGELES
CA 90046





Computer Science Scholarships

Awarded to students in computer science, or to students in other options who are likely to choose a career in computer programming. Awards are made without regard to financial need.

Juniors: Scholarship Program
\$2500 Scholarship for Junior Year

Seniors: Fellowship Program
\$6000 Summer Internship
\$5000 Scholarship for Senior Year

Seniors: Scholarship Program
\$5000 Scholarship for Senior Year
\$2500 Scholarship for Senior Year

Apply Through Caltech Financial Aid Office
Application Deadline: 3 April 1992

Past Green Hills Scholars

Class of 1990

Vivian Chow
Ed Lee
Charlotte Manly
Dave Proctor

Class of 1991

Marc Abel
Wendell Hicken
Yun Fong Loh
Kevin Luster
Eric Newman

Class of 1992

Jim Hu
Jeff Jones
Ed Lew
Dong Lin
Jay Obernolte
Chris Rosin

Class of 1993

Gregory Dudey
Dave Krider
Brady Montz
Jared Smith

SPORTS

Homeboy Biathlon

Andrew Zug

Yes, there is excitement everywhere and the sound of people talking smack fills the air. All of this can mean only one thing: the time approaches for another HOMEBOY biathlon. Indeed, this Sunday Club Homeboy will host it's fourth biathlon, which will consist of two separate races: a 5k road run followed around 10 minutes later by a 15k bike race. With this format, the race directors hope to attract biathletes as well as pure cyclists and pure runners (racers are welcome to do just the run or just the bike portions.) The total overall time will determine the winner.

The race starts at the southwest corner of the Rose Bowl (Seco Str. and West Dr.) at 10:00 Sunday morning. Registration is from 9:30 - 10:00. If you need transportation to the Rose Bowl, meet in front of the gym at 9:00 sharp and Club Homeboy will provide you with a ride. Spectators are welcome and volunteers are very welcome. There will be free food and drink after the race (provided by ASCIT.)

This race promises to be one of the most enjoyable HOMEBOYs ever. Don't miss out on the excitement as we find out if Ned loses any hair, and if Craig Reynolds can regain his former magic after his tragic accident with a six-year old girl on a purple bike. Some of the matchups that promise to be epic and legendary are: Ned versus Zug in the Roommate Bowl; Dudey versus Craig in the Old-Timers Bowl, Ned versus Pham in the Bowl-Cut and Mahon versus himself in the I'm Out of Shape Bowl. Also, since there are no plans to have a Sports Day this year, this will most likely be the last bi/tri-athlon of the school year so come out and enjoy, release some tension and meet lots of buff studs. Besides, it's FREE. For more information call Ned Bowden or Andy Zug at 585-8429.

Remember the Alamo

Andrew Zug

Imagine one hundred, eighty-seven men, many of them younger than us, who had been under siege for nearly two weeks by 1800 Mexican troops. Awakened by the cry, "Viva Santa Anna!" and the onslaught of the Mexican army, the men inside the Alamo peered into the five o'clock sunrise, knowing full well that none of them would live to see it set.

A bloodbath followed, and by 6:30 am, it was over. The women, the children, and a lone slave of Lt. Col. William B. Travis, Joe, were spared. No one else lived to tell the tale. Six hundred Mexican troops lay dead. That was six hundred fewer troops that Gen. Sam Houston would have to deal with at the Battle of San Jacinto, the battle that finalized Texas independence.

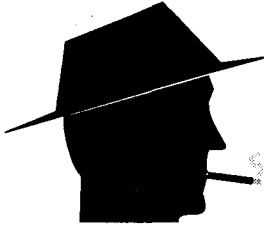
On this day, one-hundred-fifty-six years ago, men like Davy Crockett, Jim Bowie, and William Barret Travis gave their lives fighting General Santa Anna. Remember the Alamo.

SCOREBOX Standing

Men's Swimming		
Final Standing		3-6
Women's Swimming		
Final Standing		1-2
Basketball		
Final Standing		5-22
Baseball		
vs. Pomona-Pitzer	L 1-27	
vs. Pomona-Pitzer	L 4-16, L 5-15	1-9
Women's Tennis		
vs. Mt. St. Mary's	W 5-1, 7-2	4-3

Crime & Incident Beat

Rajan Ranga



2/21 The victim states that nine books are missing from his office in Steele. The office is left open and unattended while the victim uses the lab down the hall. There was no evidence of forced entry and the victim has not seen any suspicious persons. The books were believed to be

taken between 12 PM on 2/18 and 11 AM on 2/21. Value: \$450
2/26 At 9:30 AM, Caltech security noticed a suspect drive into the N. Lura parking lot and park next to a car. The suspect then exited his vehicle and removed the hubcap of the car he parked next to. Security approached him and asked what he was doing. The suspect stated that he wasn't doing anything. Security then informed the suspect that he was placing him under arrest for trespassing and theft. The suspect then tried to leave and security had to use force to detain the suspect. The Pasadena police were called in to transport the suspect to jail. The owner of the vandalized car was called in to file a report with the Pasadena police.
Total value: \$450

Jim's Journal



by Jim

PRINCIPLES of SOUND RETIREMENT INVESTING



WHY YOU SHOULD START PLANNING FOR RETIREMENT WITH YOUR EYES CLOSED.

For retirement to be the time of your life, you have to dream a little—about the things you've always wanted to do: travel, explore, start a business. Just imagine...

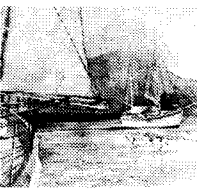
With a dream and a plan, you can make it happen. Your pension and Social Security should provide a good basic retirement income, but what about all those extras that make your dreams possible? You'll probably need some additional savings.



THE DREAM IS YOUR OWN. WE CAN HELP YOU WITH THE PLAN.

TIAA-CREF Supplemental Retirement Annuities (SRAs), tax-deferred annuities for people like you in education and research, are a good way to save for retirement and save on taxes now. SRAs are easy—you make contributions through your institution before your taxes are calculated, so you pay less tax now.

You pay no tax on your SRA contributions and earnings until you receive them as income. And saving regularly means your contributions and their earnings



can add up quickly. What else makes SRAs so special? A broad range of allocation choices, from the safety of TIAA to the investment accounts of CREF's variable annuity;

no sales charges; a variety of ways to receive income, including annuities, payments over a fixed period, or cash. You may also be able to borrow against your SRA accumulation before you retire.*

All this, plus the top investment management that has helped make TIAA-CREF the largest retirement system in the country.

So start dreaming and planning for the time of your life. Because the sooner you start your SRA, the greater your savings and your retirement will be.

START PLANNING FOR THE TIME OF YOUR LIFE, TODAY.

For your free TIAA-CREF Supplemental Retirement Annuity Kit, send this coupon to: TIAA-CREF, Dept. QC, 730 Third Avenue, New York, NY 10017. Or call 1 800 842-2733, Ext. 8016.

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Address _____
City _____ State _____ Zip Code _____
Institution (Full name) _____
Title _____ Daytime Phone () _____
TIAA-CREF Participant _____ If yes, Social Security # _____
☐ Yes ☐ No



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*Depending upon your institution's plan and the state you live in. CREF annuities are distributed by TIAA-CREF Individual & Institutional Services, Inc. For more complete information, including charges and expenses, call 1 800 842-2733, Ext 5509 for a prospectus. Read the prospectus carefully before you invest or send money.

what goes on

NOTICES

Board of Control Representative-at-Large Selection Results - The board has completed its selection process and has chosen the following people to fill the two Representative-at-Large positions: Asif Hassan & Dan Millward. The excellence of candidates made our choice very difficult and we wish to thank everyone who participated in this decision for their time and interest. Congratulations to the new Board members! If you have any questions, please contact Michael Nassir at 578-9833, or leave a message x6200.

A first-year student at a **Georgetown Medical School** in a MD/Ph.D. Program will be in Room 25 of the Student Activities Center on Tuesday, March 10, 1992 at 7:30 pm to talk about her experience and advise premed or students in related fields. All undergraduates welcome. Refreshments will be served.

HUM 132 History of Soviet Film, Part 2 has been added to the spring quarter schedule. This series covers the years from the 1930s up to the Glasnost era. The films will be screened at 7:30 pm on alternate Tuesday evenings in Baxter Lecture Hall, beginning with *Alexander Nevsky* on April 7th, followed by *Ballad of a Soldier* on April 21, *Kommisar* on May 5, *Scarecrow* on May 19, and *Little Vera* on June 2. Admission to the film series is free and open to the Caltech community.

EVENTS

Before heading off to Boston during spring break, the **Women's Glee Club** will present a pre-tour concert in Dabney Lounge on Friday, March 6 at 8 p.m. The varied program will include choral works by Morely, Weelkes, Mozart, Brahms, Debussy and others. Tickets can be purchased from any Women's Glee Club member or from OPE for \$5. A reception will follow the performance.

The **Cappone Duo** will perform on Sunday, March 8th, at 3:30 p.m. in Dabney Lounge. Violinist Alessandro Cappone and pianist Norberto Cappone make up the duo. The program includes Mozart's Sonata No. 10, K.378; Greig's Sonata in G, Op. 13; Webern's Four pieces, Op. 7; and Strauss Sonata in E-flat Major, Op. 18. The concert is open to the public, and is free of charge. Call (800) 423-8849 or (818) 356-4652 for information.

The **Hudson Vagabond Puppets** will present "Cinderella" on tomorrow at 2p.m. in Beckman Auditorium. This is a Family Faire Series event designed especially for children and their families. The Hudson Vagabond Puppets act, sing and dance in fully staged productions with original music and choreography. This event will be ASL interpreted. Tickets to the Hudson Vagabond Puppets are \$8.50 for Adults and \$4.50 for children. Tickets can be purchased at the Caltech Ticket Office and all Ticketmaster locations.

Chapayev (1934), an exciting story of the Russian Civil War and the most popular film example of Social Realism, will be screened as part of the Film Program's Soviet Film series at 8:30 p.m. Tuesday, March 10 in Baxter Lecture Hall. In their work, directors Georgi and Sergei Vasiliev tell a story of how the famed guerrilla leader is integrated into the Red Army by a Bolshevik commissar. Admission free

Friday Prayer - Prayers organized by Caltech Muslim Students are to be held in the Caltech Y lounge at 12:30 p.m. For further information contact Asim Mughal or Shameem Hashmi at 564-1701.

Classical actor **Brian Bedford** performs his one-man show "The Lunatic, the Lover and the Poet" Today at 8 p.m. in Beckman Auditorium. Bedford explores the identity of William Shakespeare through his greatest sonnets and plays. In this production, Bedford plays Malvolio in "Twelfth Night," Macbeth, Bottom in "A Midsummer Night's Dream," Hamlet, King Lear and Romeo, to name a few. Tickets are \$25.00, \$22.50 and \$20.00; Caltech students can purchase \$7.50 Rush Tickets. Call x4652 for information.

LECTURES

Watson Fellowship Discussion - Come and learn more about the Watson Fellowships on Wednesday, March 11 at 7:30 p.m. in room #25 of the Student Activities Center. Jennifer Low, a Caltech alumnus who won a Watson fellowship, will share her experiences and will provide valuable insights about the Watson application process. Dr. Joe Kirschvink, Assoc. Professor of Geobiology, was a Watson Fellow in 1975. He will be there to share his experiences as well. All undergraduates are welcome.

IMPACT Demonstration - Come to the IMPACT self-defense demonstration on Tuesday, March 10 at 7:30 p.m. in Dabney Hall. It will give you a chance to see the IMPACT program as well as receive information on participating in an IMPACT class yourself!! The Caltech Y, OWC, and GSC all wish to invite the campus community.

"**Straight Talk About Party Safety**" - The Caltech Y, OWC, and GSC are cosponsoring a discussion on party safety. Patricia Bowie of the Pasadena Rape Crisis Center will speak on the issue in Winnett Lounge on Wednesday, March 11 at 4:30 p.m. Be there and be informal!

SCHOLARSHIPS, FELLOWSHIPS & COMPETITIONS

Bell Mathematics Prize - The E.T. Bell undergraduate mathematics research Prize of \$500 will be awarded for the best original mathematics paper written by a Caltech junior or senior. Contestants for the Bell prize must be nominated by a faculty member familiar with their work. Students who wish to be considered for this prize should contact a member of the mathematics faculty prior to the end of the second term to discuss the nature of the research. All contestants nominated must submit their papers in final form to their faculty sponsors by the end of the fourth week of third term.

Morgan Ward Competition - Open to Caltech freshmen and sophomores, this competition involves the submission by one or more students of a mathematical problem, with a solution or significant contribution towards the solution. Entries will be judged on the basis of the nature of the problem and the originality and elegance of the solution. Entries from each contestant or group must be placed in an envelope and delivered to the mathematics office in 233 Sloan, during the fourth week of third term.

The Financial Aid Office has applications and/or information for the following scholarships. For a complete list of all scholarships check the bulletin board next to the bookstore or check the bulletin board in the Financial Aid Office. All qualified students are encouraged to apply. Our office is located at 515 S. Wilson, second floor.

The **American Scandinavian Foundation of Los Angeles** announces five scholarship awards for 1992 to upper and graduate students in business, arts, sciences and music with demonstrated interest in Scandinavia. Application deadline is March 15, 1992.

The **National Federation of the Blind 1992 Scholarship Program** is once again being offered. Applicants must be legally blind and pursuing or planning to pursue a full-time post-secondary education. All scholarships are awarded on the basis of academic excellence, service to the community, and financial need. The application must be received by the Federation by March 31, 1992.

The Financial Aid Office has information on how to obtain applications for the **Jewish Community Scholarship Fund** for the 1992-93 academic year. Scholarship recipients will also be eligible to apply for an interest free educational loan from the **Edward Meltzer Student Loan Fund**. Awards and loans are based on financial need. Deadline for submission of a completed application is April 1, 1992.

Green Hills Software annually awards several merit scholarships in the amounts of \$2,500 and \$5,000 to Caltech undergraduates who have demonstrated ability and special aptitude in computer science. These awards are for the Junior and Senior school years. In addition, Green Hills will award one or two Undergraduate Fellowships consisting of a Senior year scholarship plus a \$6,000 summer internship for the preceding summer. All awards are merit awards, given without regard to financial need. Any student currently holding a Junior year award must reapply in order to be considered for a Senior year award. The deadline for submitting the Green Hills Scholarship application is April 3, 1992. Applications are available at the Financial Aid Office, 515 S. Wilson and the Dean's Office, 102-31.

American Electroplaters and Surface Finishers Society (AESF) is offering scholarships for the 1992-93 academic year. Financial need is not a factor. Applicants should be majoring in Chemistry or the Engineering Sciences. The application and all requested information and documentation must be postmarked by April 15, 1992.

GRADUATING STUDENTS

Will you have a job at graduation?

FACTS:

- On-campus interviews will be over in April.
- The job market is slow this year. Fewer offers have been made by employers.
- Many jobs will be offered by smaller companies this year, while larger corporations face layoffs.

SOLUTIONS:

- Career counselors can help you by designing a *personalized* job search plan.
- Comprehensive directories of companies are available for your use.
- Job listings from many companies are displayed on our *Joblink* network, or are available in notebooks in the office.

WE HOPE TO SEE YOU AT THE CAREER DEVELOPMENT CENTER

Office Hours:
8-12 and 1-5

08 Parsons-Gates
x6361

Drop-In Hours:
MTW 2-3:30
TWTb 11-12
Th 2-3

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CONTINENTAL

TO ALL CALTECH STUDENTS, FACULTY, AND STAFF:
At all times, seven days a week

BREAKFAST	\$2.19	with soft drink or coffee
LUNCH	\$4.95	with soft drink
DINNER	\$6.25	with soft drink
Breast of chicken, seafood, lamb, or the day's special		

PIZZAS
Homemade variety
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