

Cruikshank Named Trustee

Thomas H. Cruikshank, chairman of the board and chief executive officer of the Halliburton Company, has been named to the Board of Trustees of the California Institute of Technology, announced board chairman Ruben F. Mettler.

"Caltech is fortunate to be able to attract people of Thomas Cruikshank's caliber to become trustees of the Institute," said Mettler, retired chairman and CEO of TRW Inc. "He is certain to bring new vitality and fresh ideas to Caltech."

Cruikshank, 60, is a native of Lake Charles, Louisiana. A resident of Dallas, Texas, Cruikshank joined Halliburton in 1969 as vice president. He became senior vice president—finance—in 1972 and executive vice president—finance and administration—in 1980. He has sat on the company's board of directors since 1977. Cruikshank

served as president of Otis Engineering Corporation, a Halliburton subsidiary, from 1980 to 1981, when he became president of the parent company. He was named chief executive officer in 1983, and he assumed the position of chairman of the board and chief executive officer in 1989. Cruikshank is also a member of The Goodyear Tire & Rubber Company and The Williams Companies, Inc.

Cruikshank is a member of the American Bar Association and the American Institute of Certified Public Accountants. He earned his B.A. degree from Rice University in 1952, and later attended the University of Texas Law School and the University of Houston Law School. He served as a naval officer from 1955 to 1958.

Cruikshank is past president and a director of the Petroleum Equipment Suppliers Association, a director of

the American Petroleum Institute, and a member of the National Petroleum Council and the Independent Petroleum Association of America. He is a member of the Business Roundtable Policy Committee and the Business Council. He is past president and past chairman of Junior Achievement of Dallas, Inc., and a director and past chairman of the national organization Junior Achievement, Inc. He is also a director of Up With People, as well as numerous other civic and professional organizations.

Halliburton is an oilfield services and engineering/construction organization providing specialized services for the drilling and production of oil and gas wells, onshore and offshore, as well as the design construction, and maintenance of large industrial facilities. The company also provides insurance services. Its annual revenue exceeds \$6.9 billion.



Grant Geissman, photo by William Hawkes

Grant Geissman to perform with Caltech Jazz Bands

There will be a concert with the two Caltech Jazz Bands on Friday, February 7, at 8:00 PM, in the Beckman Auditorium on the Caltech Campus. The concert is free, and admission is open to the public.

Featured on the program will be guitarist Grant Geissman. Grant first came to the public's attention as the guitar soloist on Chuck Mangione's *Feels So Good* album.

Since then, Grant has released many solo CD's under his own name. In addition to his own solo work, Grant is one of the most sought after performers in the Hollywood recording studios, playing for many television shows and motion pictures.

There also will be music by Sammy Nestico, Leslie Drayton, Artie Shaw, Les Deutsch, Tom Kubis and many others.

ASCIT Excomm Minutes, 1/28/92

The results of the ASCIT election of January 27 for president, vice president, and *Tech* editors were tallied by Eric Stout, acting as election chairman in place of Lanny Boswell, and Betsy Marvit. Their calculations revealed that the leading presidential candidate had 3 more votes than the combination of votes cast for the other two candidates and all valid write-in votes. This would normally constitute a victory as outlined in the ASCIT bylaws, Article VIII, §5. However, there were 22 more votes than there were signatures on the combined voter registration sheets. This led to concern over the validity of the outstanding votes. The votes for president were then recounted

by Ed Etzkorn, Jennifer Miller, Michael Nassir, and Fred Upton, and the totals were substantially similar.

The Executive Committee met to decide from among three options: (1) to invalidate this election and hold a new one; (2) to hold a run off election using the existing tally; (3) to declare the leading candidate as the winner. The Committee was reluctant to invalidate this election, since voter turnout (greater than half of the undergraduates) was admirable. However, given the narrow margin between the leading candidate and the total number of other valid votes, the volume of unaccounted-for ballots was enough to make the outcome of question-

able validity.

It was decided unanimously to hold a run-off election on Friday between the top two candidates, Jason MacLeod and Amitabh Mehra. The third candidate, Steve Hoekstra, did not have 80% of the second candidate's number of votes minus 22, so he will not be included in the run-off.

This consideration was not given to the offices of vice president and *Tech* editors, since the leading candidates had over 22 votes more than the sum of other candidates and valid write-ins. Mike Nassir is the new vicepresident. Rajesh "Q" Bilimoria, Michael Oder, and Christopher Orth are the new *California Tech* editors.

VOTE IN THE RUN-OFF ELECTION TODAY!

Boffo Bonecrusher VII

Teams

- | | |
|--------------------------------|-------------------------|
| 1. Sophomore Crew of Cusswords | 6. Damn Scurves |
| 2. Team Howie | 7. Not Brains |
| 3. Flyguys | 8. Not Bolts |
| 4. Team Tae Kwan Leap | 9. Bad Ass |
| 5. CCSA | 10. Larger Than a Truck |

RESULTS

Teams	Scores
8 x 7	0 - 1
5 x 9	1 - 2
4 x 3	0 - 0
6 x 8	1 - 0
7 x 5	0 - 0
3 x 2	0 - 0
10 x 4	1 - 0
9 x 1	0 - 1
1 x 6	2 - 3
2 x 10	1 - 0

Boffo Bonecrusher VII Results

by: Amit Mehra

Last Sunday marked the seventh Boffo Bonecrusher Broomball tournament, pitting the top Caltech broomballers against one another in a fight to the death. This exciting pinnacle of sporting achievement reached its climax when the Damn Scurves swept Team Howie in the championship game in the wee hours of Sunday morning. The final game was a nailbiter for the first half, as both teams waged a back and forth scoreless duel. However, in a one minute span in the beginning of the second half, Jim Schaaf and Paul San Clemente powered by goals to secure the title for the Damn Scurves.

The tournament started out as a low scoring affair, with only seven goals scored in the first eight games. In the opener, Not Brains beat Not Bolts on a late goal. The second game featured more scoring, and Bad Ass prevailed over CCSA as a very drunk Mateo slammed the ball home to ice the win. The third game was a scoreless duel between the Flyguys and Team Tae Kwon Liep, who incidentally were the most styl-

ish team on the ice. The fourth game pitted the Damn Scurves versus Not Bolts, and the Scurves prevailed on a late score by Julius Yang, assisted by Amit Mehra. The fifth game was another scoreless draw between Not Brains and CCSA.

The second half of the draw started with another scoreless game, this time between the Flyguys and Team Howie. Finally someone scored in the seventh game, as Larger than a Truck beat Team Tae Kwon Liep on a late goal by Matt Durasoff. Next the Sophomore Crew of Cusswords beat Bad Ass on a goal by Craig Smith. In the next game the Sophomores scored early on the Scurves, but they bounced back, scoring in a record 11.5 seconds later on a Julius Yang deflection of an Amit Mehra smash off the faceoff. Paul San Clemente and Chris "The Crazy Canuck" Pollett added goals as the Scurves won 3-2. The final game had Team Howie beating Larger than a Truck 1-0 to garner the third playoff spot, along with the Scurves and the

team Not Brains.

This left a four way tie for fourth place between the Sophomores, the Flyguys, Bad Ass and the Truck. Goal differential was even, so Amit and Fru had to resort to their ace in the hole - rock, paper, scissors. They had a four team round - robin tournament to decide the fourth playoff contender. It came down to the Flyguys and the Truck, with Fru prevailing over Amit on the third round of the best out of three set to send the Flyguys into the playoffs. It turns out Amit should have chosen paper, not scissors, on the final round.

The first playoff game between the Damn Scurves and the Flyguys was close for a while before Dan "The X man" Xystus scored off another Amit assist to take the lead. San Clemente later scooped in a beautiful shot to round out the scoring. The second game had Team Howie playing Not Brains. Team Howie controlled the tempo and eventually scored the game winner with about six minutes to go to set up the final contest.

**Caltech Ultimate
Meets the
Black Tide**

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Bridge Without Sam

page 7

**More TA Dating
Letters**

page 2

letters

TA Dating Response

To the Editor:

Apparently, the Graduate Student Council (GSC) feels that conduct rules are necessary based upon what they perceive to be legitimate, frequent complaints about TA's. Making public the number and nature of these complaints would effectively explain the GSC's position. Additionally, a description of what the GSC considers to be legitimate cases of sexual harassment is also relevant.

The impact of the original memo is that TA's have been informed that unspecified individuals have made unspecified complaints about their behavior. Oh, and would we care to comment? After the appropriate period of silent fidgeting, we are, of course, expected to thank the authors of the memo for bringing this matter to our attention and inform them that we shall modify our behavior accordingly.

Despite the macabre ridiculousness of this exchange, there may be

a need for it. However, individuals who support this policy should appreciate that for TA's who do not actively covet the appellation of piglet, this sort of nebulous accusation is mildly grating. When representatives of the GSC display a modicum of sensitivity to this point, we, not to mention the GSC's policies, will be better served.

If the GSC has evidence which indicates that my benign encounters with members of the Caltech community are aberrations or the unfortunate consequence of self-delusion, I am perfectly willing to revise my point of view. Instead, Craig Steele elected to compose a letter which I can only characterize as counter productive, incendiary and offensive beyond belief.

Of particular annoyance were references to undergraduates as unwitting protoplasmic entities and its. Not to mention the degrading insinuation that a TA's interest in a student can only be motivated by the basest of instincts. (I certainly hope the GSC never rushes to my defense. I have no desire to read an editorial beseeching members of the Caltech community to be tol-

erant of me despite the fact that I am an unwitting, filthy, thieving, protoplasmic whore/bitch, or worse yet, a love bundle.)

This language illustrates what I judge to be a far more pedestrian problem. Namely, that the relationship between undergraduates and graduate student TA's is less than amicable. Should I ever receive a memo noting that TA's have a unique impact on many students and that a competent, helpful, polite and non-sadistic execution of their responsibilities would be greatly appreciated by everyone, I shall rest assured that learning and social progress really are possible.

However, if GSC representatives do not elect to heed the better angels of their nature by encouraging helpful discussion and dispensing an occasional fact or two, I have prepared a list of questions which are designed to clarify this new policy and provide further opportunity for GSC verbal debarkation.

1) If a TA attempts to have an emotionally unfulfilling, physical relationship with a student, does this constitute wrongdoing on their part? Dilettantes of the arcane art of social

definition will immediately recognize that the aforementioned activity in no way resembles dating.

2) If the undergraduate is more clever/intelligent than the TA, does an attempt to date him/her constitute sexual harassment?

3) Can unwitting protoplasmic entities really be sexually harassed?

4) If the undergraduate is not an unwitting protoplasmic entity, but instead an echinoderm, a nematode, a crustacean, a lamprey, a barracuda, a rodent or a mammal, may the TA pounce upon him/her/it and declare their love?

5) What, for purposes of clarification, is the GSC's definition of an it? Illustrative examples from the GSC would be helpful.

6) Can an undergraduate who is an it evolve into something else over time? And how does this affect the policy?

7) What is the policy in the eventuality that the TA is an it, an unwitting protoplasmic entity or both?

8) What ever happened to the days when the GSC had no ideas and wasn't a bother?

Sincerely,
Claire Ellen Slutter
147-75CH/x3943

To the Editors:

It is always gratifying to find one's name in print, but the pleasure can be muted by the adjectives found keeping it company. Mr. Daniel Maskit, writing in "Letters" of the January 24th Tech, takes serious exception to my earlier letter defending the recent policy which prohibits TA's from dating their current students.

While I was flattered that Mr. Maskit believes that "one of [my] positions has relevance on a national level", I was somewhat perplexed to discover that half of the subsequent discussion was devoted to a spirited defense of recreational drug use and repudiation of workplace drug testing. The letter continues, informing me of existence of the Honor Code, pausing to allude to my "fascistic impulse to control the lives of others" before getting to the point, that my "desire to remove liberty from all TAs due to the actions of some is a full frontal assault on both the Caltech Honor System, and the American ideals of individual liberty..." While I am perfectly willing to concede that Mr. Maskit's drug-related expertise may well exceed my own, I am reluctant to defer to him on the issue I believed I had addressed: the problems arising when sex is introduced into a classroom situation.

I am pleased that Mr. Maskit is aware of the Honor Code, but I would hope he would admit that it might take more than his one term of residence in the Caltech community to make an authoritative claim to preach to its inhabitants. My observation, based on rather longer exposure, is that the Honor

Code works well when there is a common understanding of what is appropriate in a given situation, and less well otherwise. The action of the Graduate Student Committee regarding TA dating sets a standard for academic behavior just as a faculty member's explanation specifies a homework policy. Without a doubt it may temporarily limit a graduate student's real or imagined social options, but this is a reasonable tradeoff to ensure the students a classroom environment free of unwanted social pressures or the appearance of favoritism. My impression is that people generally choose to come to Caltech for a good education; there are probably better places to find a good time.

Mr. Maskit "do[es] not doubt the reality of the abuses" of power that prompted the rule, but then asserts that no policy should be adopted "[u]ntil you can prove that every single dating type interaction between TA's and students is and must be exploitative". Without more information I cannot say whether this opinion should be attributed to ignorance, megalomania, or the influence of mind-altering pharmaceuticals, but the statement itself is simply idiotic claiming that the educational essence of this community is the complete subordinate to some imagined absolute right to try to provide an unexpectedly general education to one's students. TA's are paid to help provide a positive and fair learning environment in a class; sexual pressures or entanglements have been repeatedly demonstrated to be uncondusive to the required professional detachment. While I hesitate to use improper language in a family-oriented newspaper like the Tech, there is a crude and sexist folk proverb

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TAX SEMINAR

\$ \$

When: Friday, January 31, 1992

Time: 12:45 pm - 2:00 pm

Where: Room 22 Gates

A representative from the Internal Revenue Service will be available to answer tax questions for U.S. Citizen/Permanent Resident and International students.

For more information call

Graduates: X6346 Undergraduates: X6280

Research Fellows: X6306

THE CALIFORNIA TECH

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FRIDAY NIGHT ASCIT MOVIE



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continued from page 2

that even so contains more than a little truth: "When the cock rises up, the head buries itself in the sand." Despite Mr Maskit's exuberant rhetoric, I remain convinced that the Graduate Study Committee correctly based its action on logic of a higher level than that of its frustrated critics.

Sincerely,
Craig Steele

Newspaper Concerns

Dear Editors:

Please change the name of the newspaper. Believe it or not, many people, even in Pasadena, do not recognize "The California Tech" as a newspaper. The name ought to designate both the school and the function, viz. "Caltech" and "newspaper". I like the alliterative ring of "The Caltech Chronicle". Anything would be better than the current masthead. Also, please resume lunchtime meetings. There are plenty of activities already scheduled on evenings at Caltech.

Yours,
Christopher Dunn

Beaver Bowl Response

To the Editors:

The Caltech Ice Hockey team did, in fact, play a game last Sunday against a group of people associated with MIT. This was virtually the only accurate statement in an article so laden with errors, innuendo, and outright lies that it could only have appeared in the *California Tech*.

First of all, this game was the Fifth (not Sixth) Annual Beaver Cup. In only the first game, in Boston, where the Caltech Beavers defeated by the actual MIT Ice Hockey Team. The other times, when faced only by a collection of ragtag MIT alumni in Pasadena, they were trounced anyway. No wonder MIT doesn't bother to send their real team.

However, (in the spirit of East Coast noblesse) we do not hold the confused and deluded Mr. Caron responsible for his actions. He is merely a product of a second-rate education and the understandable envy inferiors feel towards their betters (similar to, but greater than, what Harvey Mudd feels toward you). We are sure that if Mr. Caron had been sufficiently wise or lucky to attend the world's greatest facility for science and engineering, the Massachusetts Institute of Technology, he would have become an

honest, upstanding journalist, instead of the bitter, twisted individual so deplorably on display last week.

Why is MIT so much better? First of all, there is that delightful sea breeze that comes in every evening; the sludge your poor blighters are forced to breathe is worse than that at the bottom of the Charles (which, at least, we don't rob other states to fill). Or perhaps it is because we can commute to fine cultural events in Boston's modern, dignified mass transit system, as opposed to endlessly rushing about to trendy inanity on LA's murderous, crowded freeways. Of course, we men at MIT were graced with the company of many fine women colleagues both at MIT and our renowned sister schools like Wellesley; sadly, many Caltech upperclassmen don't even know how to recognize a woman.

Of course, the ability of MIT to survive New England politics is only a further tribute to its greatness.

Perhaps the well-deserved whipping our alumni gave you, and the one-hundred percent victory margin, will cause you to reflect on the error of your ways. It is for this reason - our compassion for you, our poor, misguided brethren out west - that so many of us have traveled to this intellectual wasteland under the guise of continued study. It is our desire that you may someday leave this wretched existence and travel east, where you may be enlightened as to the true nature of excellence.

Your humble servants,

Ernest N. Prabhakar, S.B. MIT 1988, Physics
Michael J Malak, S.B. MIT 1989, Physics
Deepti Chakrabarty, S.B. MIT 1988 Physics
Sherrill Briesse, S.B. MIT 1990, Chemical Engineering

**Come to the Tech Meeting
Monday at 7:30 p.m. in SAC
room 15.**

**E-mail submissions
may be sent to
editors@tech.caltech.edu**

Red Door Cafe Alternative Winter Music Calendar

We're happy to announce that another season of music at the Red Door Cafe will soon be under way. It begins this Friday with a group called **Jim and Ed's Garage**.

'With the unorthodox instrumentation of drums by Jim and electric bass by Ed, the freedom for improvisation and unusual arrangements of songs fills the stage. Ed plays the melodies and accompanying chords and/or bass lines on the electric bass, and Jim provides the groove of a lifetime on the drums.

'**Jim and Ed's Garage** instrumentally performs a wide variety of songs, from original progressive jazz fusion to interesting covers of rock (check out their reggae version of 'Jumping Jack Flash'), pop (e.g., a funk/rock approach to 'I'm Not in Love'), oldies and jazz.'

Please join us this Friday night and every Friday night for some exciting music.

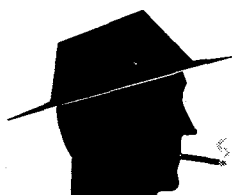
31 January **Jim and Ed's Garage**
-Experimental Fusion Jazz on Bass and Drums

7 February **Kate O'Neal**
-Comedy Songs on Guitar and Keyboard

14 February **We Three**
-Jazz Vocals with Drums and Keyboard

21 February **Green Onions**
-Traditional Jazz Quartet with Guitar, Bass, Drums, and Keyboard

All shows are at the **Red Door Cafe**. The doors open at 9:00pm.
This Week's Drink Special : 25 cent Hot Cocoa



CRIME AND INCIDENT BEAT

1/15 A suspect was found at building 442 at the Catalina complex at 9:03 PM. After a while the suspect admitted to having solicited magazine subscriptions at the complex. The suspect was warned that he was on private property and the next time he is seen on campus he will be arrested and turned over to the Pasadena Police.

There were a lot of solicitors seen on campus.

The rest of the week was filled with a lot of fire and intrusion alarms. Nothing very exciting.

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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:
Page:Brian Brewington and Dean Haritos
Ricketts:Julius Yang

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

PAGE

Recently, some members from the fabled Lloyd House (if it were real, we'd know who lived there) stacked Pagefrosh Tim Nelson and Jason Trevor out of their room. According to the very coherent note which was taped on the door, the prank was performed upon these innocent individuals as repayment for a previous injury which was allegedly caused by Jason.

It would be nice if we knew to what injury they were referring. If they mean the time that we had a showering war in which a Lloydie was accidentally hurt, then they are a bit late in their retaliation. We just cannot understand why it would take anyone a full term to take action. That is llame (oh, we guess that would explain why). Also, you'd think the prank would have been better than simply climbing through a window and pushing a refridgerator and a 2x4 against the door after that much time to plan.

However, we will give the Lloydies some credit—they did brave bone-chilling heights to gain entry to a second story window. Their courage amazes us (thanks for bending our gutter; next time use a ladder). However, we just as quickly retract that credit because of two things in the note. First, the note was signed by "The Phoenix Corporation," a well-known[not] group of Lloydie frosh. "The Phoenix Corporation" is probably an allusion to the popular ABC series "MacGyver." Psst... we'll let you in on a secret: MacGyver is not a real person. (I believe the honor code dictates that

pranksters leave their real names—not someone else's imaginary one.) Even if MacGyver were a real person, he would never live in Lloyd, because you never see anyone from Lloyd. You can see MacGyver every Monday night.

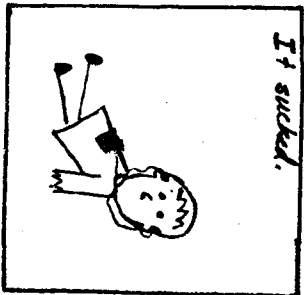
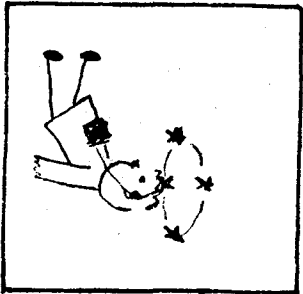
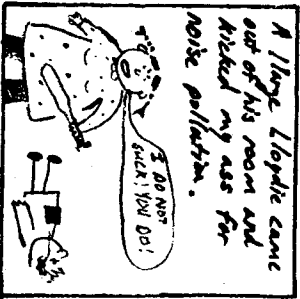
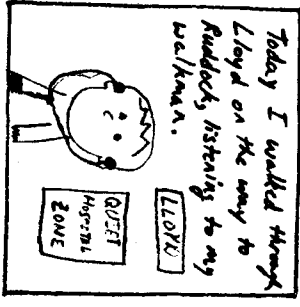
The second thing in the note which ruined what might have otherwise been a reasonable attempt at a real prank was the postscript, which stated: "The ratio of the frosh class here is 1:1. WE DO NOT SUCK! YOU DO!" Such childish denial, without a single point of refutation, of what is so dreadfully obvious, is just what we have come to expect from Lloyd House. And to what ratio are they referring? The ratio of students to computers? Students to televisions? Toasters owned to microwaves owned? Apples to oranges? Male students to Vaseline bottles? Please do not infer anything—we have just heard about a striking relative abundance of computers, toasters, microwaves, televisions, apples, Vaseline bottles!?, and oranges.

We do not mean to imply that all Lloydies suck. To do so would be unfair, since not all Pageboys are cool (although those who aren't belong in Lloyd). Let's run through a list of characteristics of a house, in general, that might possibly suck.

1. Never has parties.
2. Never goes to parties to which it is invited.
3. Discriminates against noise pollution (cf. Jimmy's Journal).
4. Cannot properly retaliate against insult (cf. Jimmy's Journal).
5. Thinks MacGyver is a real person.
6. Is named "Lloyd."
7. "The ratio of the frosh class [t]here is 1:1." (What the fuck?)

8. Is not noticed when stolen (cf. Berger/Kornreich *Nothing* vol.1 no.1)
 9. Thinks MacGyver is a member of the house.
 10. Studies while Page is partying and still gets a llower G.P.A.
- Let's examine a few of these, and see if we can find a house that might fit some or all of them. As an initial hypothesis, let us begin with, let us say... Lloyd House? Sure. Why not? 1) Lloyd House never has parties. 2) Lloyd House bailed on Page's party last weekend after agreeing to participate. 3), 4), and 5) are self-explanatory. 6) Lloyd is named "Lloyd." 7) What the fuck? We think that we have made our point.
- Finally, after many pensive hours, we have arrived at the following brilliant rebuttal, in typical Lloydie fashion, to the statement, "WEDONOTSUCK! YOU DO!": "NUH-UH!"

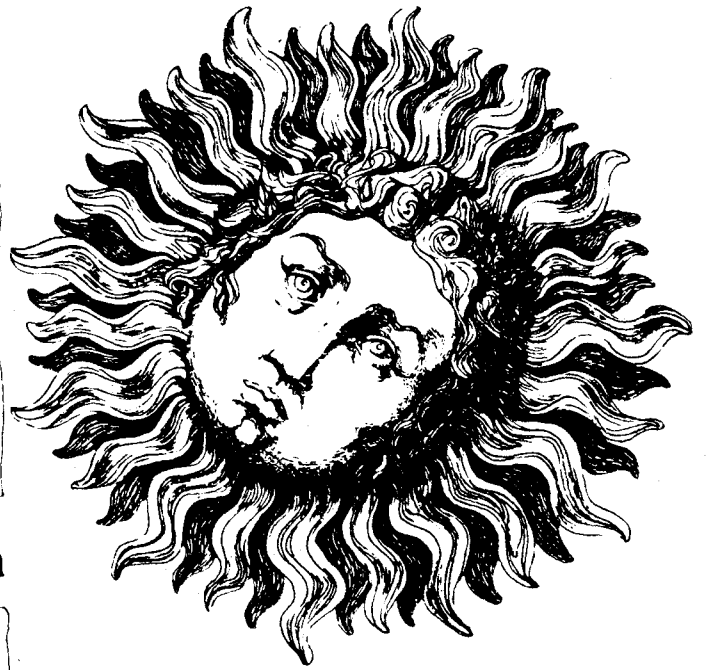
P.S. Please note that we used our real names. We are very disappointed that the Lloydies lacked the creativity to think up their own fake names; they had to use someone else's.



Jim's Journal

by Jim

<p>I rode the bus with Ruth today.</p>	<p>(She likes to take the bus sometimes instead of driving her car.)</p>	<p>We noticed that whenever another bus passed our bus, the two drivers always waved.</p>	<p>"I think that's nice," Ruth said.</p>
--	--	---	--



Jim's Journal

by Jim

<p>Steve came over today.</p>	<p>Mr. Peterson looked up at him and meowed a big bellowing meow when he came in.</p>	<p>Steve said "Yeah, life is hard, isn't it? I know."</p>	<p>Mr. Peterson meowed again.</p>
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Jim's Journal

by Jim

<p>At the copy store today I worked with Julie.</p>	<p>I worked the cash register for all the self-service customers that came in.</p>	<p>Julie was making a bunch of copies of something that were due the next day.</p>	<p>When I heard the machine stop, I looked at Julie and she looked like she was asleep.</p>
---	--	--	---

by Jim

Julie was there, and didn't even notice that I'd come back.

But I went back to the copy store to pick it up anyway.

Jim's Journal

by Jim

<p>I went walking around today.</p>	<p>I walked by a big corporate headquarters of a bank or something.</p>	<p>They had patches of grass and some potted trees in a big cement area by the main entrance.</p>	<p>I sat there for a while and watched people with suits and hard shoes walk briskly in and out.</p>
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Jim's Journal

It was a pretty nice day outside, and I didn't really need a coat.

I was walking home from work today when I realized I forgot my coat.

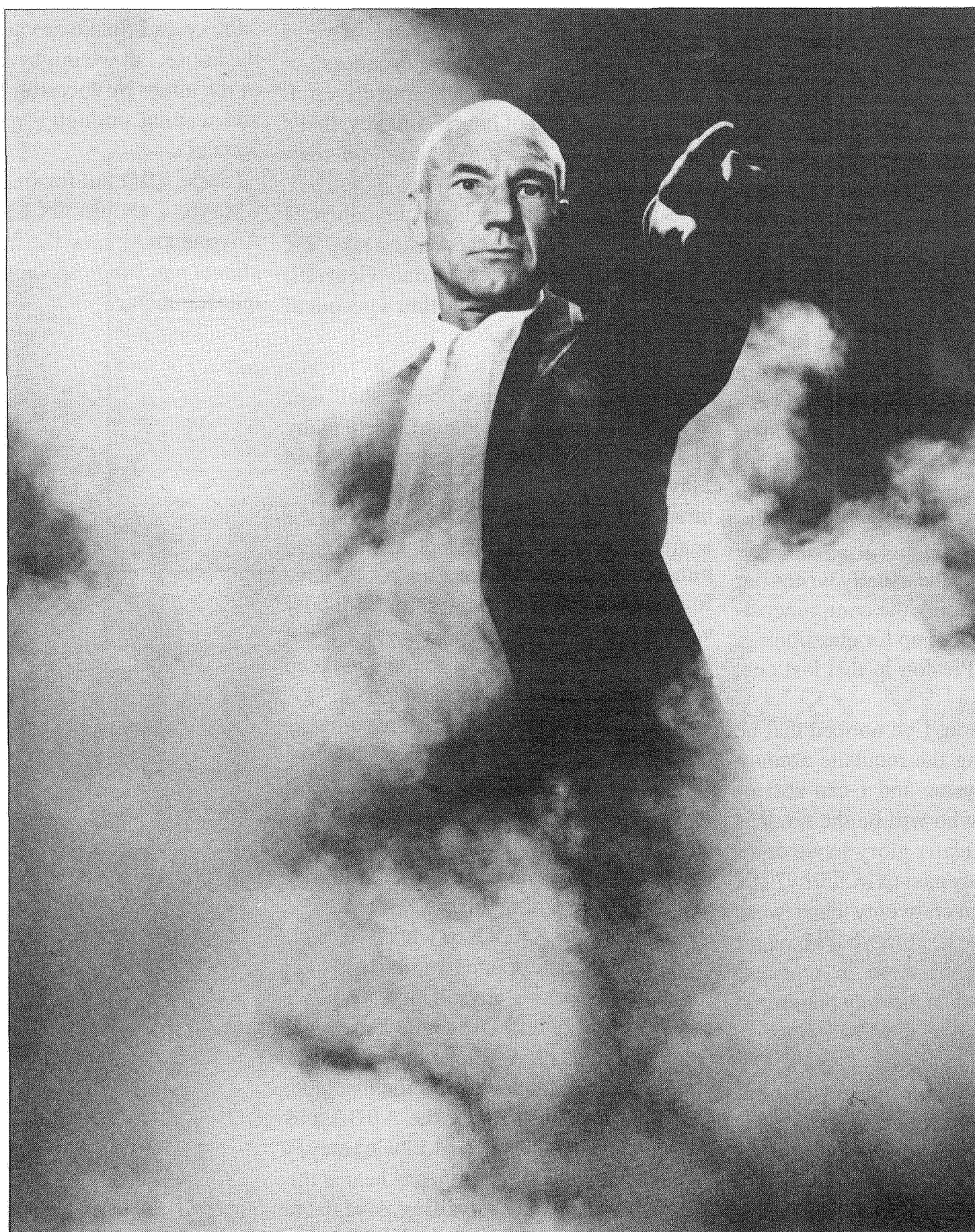


Jim's Journal

by Jim

<p>I went to the bookstore today to find a book to read.</p>	<p>I couldn't find anything that I felt like reading.</p>	<p>While I was walking home I noticed a torn piece of newspaper on the sidewalk.</p>	<p>I stood there for a while and read it.</p>
--	---	--	---

I want you to
write for the *Tech*.



Make it so.

RICKETTS

Here we are, a fresh new issue with fresh new editors, and they're desperate for any thing to print. So they ask me to write a big inside world. Boy are they in for it...

This weekend the biggest, baddest, loudest dance club in Pasadena will spring into being, rave, and die like Wally leaping into a flaming pot. Be at Club Ricketts, and flash yer latest moves to the grooves from hell. Bring your duds, bring your attitude, and prepare to sweat like James Brown. Guido and Sunshine have a few special surprises in store, even though they haven't taken APH 24 or the requisite SEAL demolition courses.

Speaking of APH 24, this is one incredible course! To all those who believed the registrar's pre-reg sheet that didn't list it—Ha! Though the pressure is intense and I'm doing a prelab even as I write, the class is a load of fun. Besides, I'm in it—it's got to be fun. Y'all know I never do anything I don't like (except when I'm forced to listen to Nirvana while sitting in Xystus' room doing 95. Damn, that's stupid and contagious.)

Speaking of Xystus, he usually writes our inside worlds, but I think the comprehensibility police picked him up for questioning. I didn't recognize Preston in that last one, Dan.

Speaking of Preston, I've noticed that he hasn't been juggling the requisite amount lately. I mean, Xystus and I can sort of fumble about, but who will be the novices that push us on to greater glory so we don't look stupid when they pass us in ability? It's kind of strange—over twenty bags were probably ordered the last time, but I haven't seen hide nor hair of them in practice. (Maybe it's because I'm the only one stupid enough to demonstrate how bad I am in public.)

Speaking of the public, what do you think of Shane's surveys? I appreciate them for their intent, but his analysis of why we don't respond was dead on. We're apathetic, Shane. We don't want to fill out a survey on a subject we don't care about. Now, if the surveys were pre-cut (or even, gasp, posted to a Caltech newsgroup) for easy reply, perhaps you'd get more response. Just a suggestion.

Speaking of response, I went to a Metallica concert Jan 8. I can't remember if anyone reviewed it for the Tech, but I have to say it was damned intense. Though it's the first concert I've ever gone to, I will say with authority that while metal is not intrinsically better live, it's sure louder...

Speaking of louder, Stu has GOT to stop playing Pet Shop Boys at three am. I mean, what have I, what have I, what have I done to deserve it? I'd say Stu's wattage penis is big enough already without waving it around publicly, though Club Ricketts (co-sponsored by Blacker, btw) will be plenty o' waving.

Speaking of Blacker, ever noticed how they tend to play power tools at ungodly hours? If I weren't such a nice guy I'd probably have to do something involving my guitar amp and nasty noises produced by the BOSS SE-50 effects box Tod lent me. I think it'd be pretty funny to broadcast an infinitely echoed, flanged, overdriven E string for a couple of hours. But hey, that's what I get for picking a room on their courtyard, I guess.

It's nice to not take a humanities course. I think I'll save up six or seven and take 'em all my last year, if I ever have one. Geez, I'll be a decrepit old man by the time I get out of here.

Let's take a tour of the house, shall we? We start in the beautiful lounge, site of many bloody lounge wars. Here we see Kevin Mayville and Justin Muhly, and about sixty-three bridge players. "Yeah, I redoubled the heart-spade sixty seventh singleton and gave him the shaft!" "Whoa, he could have finessed his donald trump suit and totally whacked you!" and so on. Maybe I'll put the fuBball table in the lounge to keep everything balanced...we move on.

Hm, the dining room. Ignore the pentacle.

This red alley is Cherry. At the far end we see a sheet over a pseudo-senior's door; unfortunately, there seems to be a crowd of people playing Nintendo and pestering Pablo for money at the moment. Erika glides by me silently, exuding black. Should she should pitch for KROQ, or what?

I take a short detour into Crud and trip over the stairs, knocking myself out. When I wake up, I'm blind. Or maybe I'm black. No, the alley is black. I can hear someone noodling on guitar way off in the distance, but I ignore it in favor of the ABBA and Nirvana. Escaping the bad music alley, I venture into Snatch. All you can hear is the happy sound of frosh wailing over labs. Back in my day, we had to use twine for wires and a blow dryer for a soldering iron...and we LIKED it!

Here is full of happy glomming. I move on in distaste, but not before a man who needs to lose the gut forces me to smell his armpit. Ech. Pretend he's not drunk. Oh, he isn't? He just acts that way all the time? Sheesh.

Up Your alley has new whiteboards! Unfortunately, the designated writing markers seem to have been concealed somewhere in western Nebraska. The inhabitants are a

quiet bunch, except for Boots. Oh well, no one ever seems to be here except for him anyway.

I'd probably be able to talk to someone in L.D. if only Dave weren't playing "Jeanie's Diner" so loud. At least I can almost hear Clark getting sloshed over at the far end.

Broken Cherry just continues the string of people with big stereos. See the above plugs for Club Ricketts. Fortunately for us, Stu playing his silly "hasta la vista, baby" soundbite isn't terribly entertaining for him the seventieth time.

Prexy and Snake are at opposite ends of the house, but we might as well get the gist of the alleys by encasing our ears in plastic and wading through a room full of ether. ZZZZZZ....

I suck. (But not for free, Amit.)

Maybe I should get back to my prelab. Anyone know how the index of refraction affects one fringe spacing in a Michaelson interferometer?

Fizyx



what goes on

Sweet feast with the MOSH.—It's getting to that time of year again when the smell of cakes, candy, sweets and romance fill the air. Go to the master's house on February 12 for a Valentine's Sweet Feast. Stop by anytime during the hours of 9 p.m. and 11 p.m. and don't forget to bring your sweet tooth.

SEDS Meeting Monday — The Caltech chapter of SEDS will be holding a general meeting on Monday, February 3 at 7:30 p.m. in Winnett Clubroom 1. Our special feature at this meeting will be a talk by Gary K. Noreen, president of Radio Satellite Corporation, entitled "Satellite Radio for Cars." This is a multimedia presentation on a system that will dramatically alter the car radio. Also, we will discuss club business, such as our tour of Edwards AFB on February 28th. Pizza will be served! For more information contact Jeff Foust at 449-1345 or e-mail jafoust@cco.

Gay Lesbian and Bisexual Discussion Group—meets the 1st and 3rd Tuesdays of each month from 7:30 - 9:30 p.m. in the Health Center. This confidential meeting is open to all members of the Caltech community. The first hour is devoted to discussion of a specific topic, and the remaining hour is open for general conversation and socializing. Refreshments are served. For information please call 356-8331.

Mr. Deeds Goes to Town (1936)—Frank Capra's second Oscar-winning comedy, will be screened as part of the Caltech Film Program's tribute to this famous alumnus at 7:30 p.m. Tuesday, February 4 in Baxter Lecture Hall. The film tells the hilarious story of the tribulations and trials (literally) of Longfellow Deeds, played by Gary Cooper, the small-town man who goes to the big city after inheriting millions from a relative. Free admission.

Constructing Drosophila: The fruitfly as Laboratory Technology — Professor Robert Kohler of the Department of History and Sociology of Science at the University of Pennsylvania will be speaking Thursday, February 6, 4:00 PM at the Judy Library in Baxter.

Suzi Landolphi —Suzi Landolphi will present her safer sex seminar in the Winnett quad at 12 noon on Monday, February 3rd. Be there for a good time! Brought to you by the Caltech Y.

Spanish Music in the Age of Columbus — The early music ensemble Waverly Consort will present "Spanish Music in the Age of Columbus" on Saturday, Feb. 6 at 8 p.m. in Caltech's Beckman Auditorium. Featured will be music from the court of Ferdinand and Isabella, Sephardic songs relating to the expulsion of the Jews from the Iberian Peninsula, and music relating to the fall of Granada. The National Endowment for the Humanities will provide an expert lecturer who will speak on the topic "Spain in 1492" beginning at 6:45 p.m. in Ramo Auditorium. Tickets are \$27.50, \$25.00 and \$22.50. Caltech students (with I.D.) can purchase half-price tickets in advance and \$7.50 Rush Tickets beginning on Friday, Feb. 5 (subject to availability). Tickets can be purchased at the Caltech Ticket Office, located just north of the Beckman Auditorium parking lot. Call campus extension 4652 for information.

Chamber Music —Caltech's student ensembles present a weekend of Chamber Music. Friday Jan 31 at 8:00 PM in Ramo Auditorium and Sat, Feb 1 at 8:00 PM in Dabney Lounge. Free Admission, reception following both concerts.

Mountain Bike Trip II—The Caltech Y is having another mountain bike trip February 7th, in the afternoon. All you need is a mountain bike, a helmet, and a signed release form (which you can get at the Y). Sign up at the Caltech Y before February 7th!

American-Turkish Association of Southern California—The Caltech Y and the ATA will present a lecture by Talut S. Halmar on: Turkey- The Rainbow Country. The lecture will take place on Sunday, February 9th, at 3:00 PM in Dabney Lounge. Sign-up at the Y to get an invitation today!

Pasadena Symphony Orchestra — The Caltech Y has tickets available to the February 8th performance of the Pasadena Symphony Orchestra. The cost is \$6.00, free for international students. Limited seating. Sign up at the Caltech Y. The concert will be held at the Pasadena Civic Center.

Scholarships — The Financial Aid Office has applications and/or information on 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.

Information and/or applications are available for the National Academy for Nuclear Training Scholarship Program for the 91-92 academic year. Applicants must be a U.S. citizen or U.S. national, must have a minimum GPA of 3.0 and must have remaining at least one but no more than three academic years of study. Postmarked deadline for receipt of scholarship materials by the scholarship program is February 3, 1992.

The American Society of Naval Engineers is sponsoring a \$2,000 scholarship for students in the final one or two years of undergraduate education who are interested in the field of naval engineering. They also provide support to naval engineers seeking advanced education in the field. Applicants must be U.S. citizens. Financial need is not a requirement but may be taken into consideration. Deadline for receipt of scholarship material by the ASNE offices is February 15, 1992.

The Polish University Club, Inc. is offering scholarships to students interested in POLAND. Requirements are a 3.0 or better and a sophomore status or higher. Contact the Financial Aid Office for the address to obtain an application form. Deadline for application is February 15th.

CLASSIFIED ADS

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Ask for the Pre-Frosh Coordinator

Friendly Neighborhood Y News

Here's a quick look at things coming up from the Caltech Y:

Feb. 2: Associate Student Sunday, a chance to eat at the home of an Associate. If you signed up, please remember to go. If you haven't signed up, but would like a good meal this weekend, try coming by the Y. We can probably still fit you in.

Feb. 3: The flyers are everywhere! Suzi Landolphi, in front of Winnett, Monday at noon. It's funny, it's free. It's about sex. There you are.

Feb. 7: Another warm-up mountain bike trip! C'mon, everybody's got mountain bikes these days. So use them. It's an afternoon trip, leaving around 1:30. If you're interested, stop by the Y beforehand to sign up.

Feb. 9: At 3PM in Dabney Hall, Professor Talat S. Halmar of NYU will be giving a lecture on Turkey, discussing 9000 years of civilization there. Cosponsored with the American-Turkish Association of Southern California.

Come by the Y for an invitation.

Want to watch the Winter Olympics, but you haven't got a TV? Starting February 10th, the Y will be holding a Winter Olympicathon in the Y Lounge. The TV will be on anytime there are sports to be seen,

and everyone is welcome. We'll even supply some food. Come hang out.

Pasadena Symphony tickets for February 8th are on sale at the Y. They're \$6.00 for students, and they're FREE for international students! Can't beat that... We're also still selling IMAX tickets. \$13.00 to see the Rolling Stones (Jagger's mouth, even bigger than usual!), \$3.50 for the regular tickets. The expiration date for the Rolling Stones tickets has been extended by at least a month, so you can still catch that one.

The next trip to Tijuana is February 13th-16th. If you want to come along to help, sign up at the Y. We're building a community center for deported youngsters. February 14th-16th is also the time for Outward Bound, several days of outdoor activities with local high school students. Stop by for info.

Hope everyone who participated in broomball enjoyed it. Start warming up again, though, because there's a second one this term! February 22nd, the violence returns.

Congrats to those who attended the bridge event last weekend. Apparently, the professional players can learn a thing or two from Caltech students...

If you ever have a question about what the Y does, or an idea about something we can get involved in, come by the Y office! We're on the second floor of the Winnett Student Center, x6163. The Y Excomm meets in the Y lounge Mondays at noon. More volunteers always welcome, of course.



ASCIT Minutes Jim's Journal 1/28/92

Present: Taletha Derrington, Jason Macleod, Cathy Hafer, Debi Tuttle, Ari Kaplan, Won Bang, Eric Stout

Absent: Randy Stevenson, Dave Ross

Business

1. Alpine Club - Andy Wells asks for money for the Alpine Club's cross-country ski trip on Feb. 8 and 9. The BOD decides to subsidize each undergraduate who wants to go on the trip to the sum of \$5. Sign up at the Y.

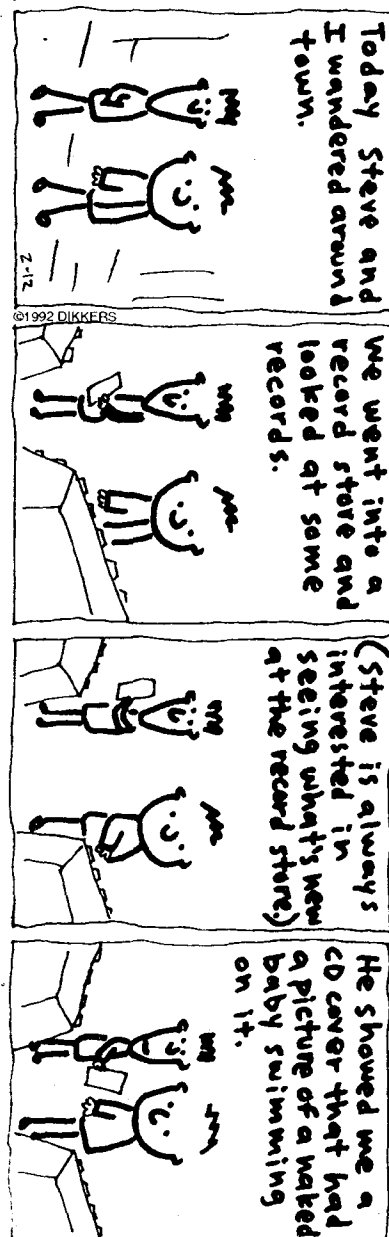
2. Election Results - A runoff election will be held this Friday, Jan 31 between myself and Amit. There was a great turnout for the election, but it seems that some people forgot to sign their names when they voted. Remember to sign the sheet next to the ballot box when you cast your vote!

3. Nominations - The nominations for ASCIT elected offices opened Wed. Jan 29 and will close on Tue, Feb. 4. Signups are outside the MOSH's office.

4. Copier - It looks like we will finally get a new ASCIT copier. Eric and Robert Cobb have worked out a deal with Sharp so that we can lease a copier.

Look for it soon in the SAC.

Jason MacLeod
ASCIT Secretary



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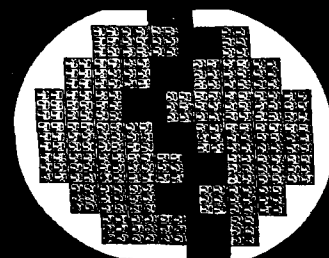
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Bridge Without Sam

By Jeff Goldsmith

Sam Dinkin, last year's fearless reporter, sadly to say, is no longer with us, having escaped to the wilds of Arizona. His legacy of fictional bridge columns may live on, but this week's is accurate reporting, at least somewhat.

Last November, Brian McAllister, a sophomore, and Bobby Bodenheimer, a graduate student, won the North American Contest in its first year of existence. The game was run across the U.S. and Canada simultaneously with each location playing the same hands. Brian and Bobby had the highest score in the country. For their efforts, each was granted a \$500 scholarship. Third in the country, but sadly, second in the region, were Jeff Goldsmith, a graduate student, and Fred Upton, a senior. The winners in each of the 15 regions won scholarships.

This hand contributed to Brian and Bobby's continent-wide high score:

Matchpoints	♠ Q
	♥ AKQ5
	♦ K975
	♣ A754
♠ 10876	♠ K5432
♥ 762	♥ J9
♦ 1084	♦ J6
♣ Q96	♣ KJ103
	♠ AJ9
	♥ 10843
	♦ AQ32
	♣ 82

West	North	East	South
—	1♦	1♠(1)	DbI(2)
pass	3♠(3)	pass	4♦(4)
pass	5♣(4)	pass	5♠(4)
pass	6♥	all pass	

- (1) Foolish
(2) Negative double meaning "I wanted to bid 1™"
(3) Heart support and a singleton spade
(4) Aces. Also overbids.

Brian and Bobby reached this thin slam, though with the ♠K expected outside due to the overcall, it is almost 50%. The opening lead was ♣6, and Bobby paused to take stock. He planned to draw trumps to take the spade finesse, but figured that it could not hurt to duck the first club trick. Maybe something good will happen. East won the first trick and continued clubs. Bobby drew two rounds of trump; both the Jack and nine dropped! This made it pretty safe to ruff two clubs in the closed hand in order to avoid the spade finesse. The play continued: third club ruffed safely with the eight, diamond to the King, fourth club ruffed safely with then ten, spade Ace, spade ruff, draw trumps and claim when diamonds are 3-2 or RHO has four diamonds and the spade King.

Whether or not this was the best line, plus 1430 was worth 96 matchpoints out of 100. A triumph for overbidding!

In other news, this year Caltech is sending two teams of four to the North American Collegiate Bridge Championship, co-sponsored by the Association of College Unions-International and the American Contract Bridge League. Hopefully, one of the two teams will win the regional competition and get a chance at the national championship.

If this sounds good to you, 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 Jorgensen Hall at 8:15. Everybody is welcome; call

of wisdom I gave out, all those students watching me the teacher pass on my store of knowledge to their incipient scientific minds.

Uh huh. Exactly like Mr. Chips, except with a little youthful pizzazz. Yeah, that's it. Kinda an Andre Agassi mixed in with Tom Everhart...

So Dr. Acosta finished his speech and introduction on Boiling Heat Transfer, smiled at the 8 freshmen in the room. He nodded, checked over the chalkboard, and then without further ado pointed at me and said: "Without further ado, let me point at him and introduce Jonathan Liljeblad, your TA for this experiment."

Every jaw in the room instantaneously dropped.

Seniors Only

Jonathan N. Liljeblad

"For three strange days, I had no motivation, for three strange days, I did not know what to do."—School of Fish

Most seniors are currently entertaining the notion of graduate school. You know, that institution of academic life which is sure to add several more years to your brain's burn-out, that wonderful utopia that awaits you after four (or maybe more) years here at Caltech. But, really, it's better than trying to get a job. Continuing educational agony is better than starving, right? Right? Or maybe I can shine shoes and sell apples under a sign reading:

"Brother, can you spare a dime?"

Anyways, aware that grad school may lie in my future, I decided to follow in my good friend Larry Cheng's footsteps and TA the freshman engineering lab E5. I mean, hey, it's a chance to find out what it's really like to be a grad student—the empty recitations rich with students; the endless questions; the repeated comments on plus or minus signs; the close contact with professors; the arguments over non-linear diff. eqs.; etc., etc.

Yes sir, this was it. My chance to be like Peter Mark Li, Karen Oegema, Gunnar Klinkhammer, Tracy Fu, and all the TAs I had. Yeah. Sure. I had the images of instruction in my mind: me, facing all those bright young eager minds just hanging on my every word as I lectured away with every syllable

I saw 8 utterly blank looks of total shock. I swore the girl next to me had an expression somewhere between horror and utter confusion. One guy backed off in his chair, frowned, turned down the corners of his mouth. I could see it in their heads: "HUH?"

Hey, great. Thanks for the votes of confidence folks.

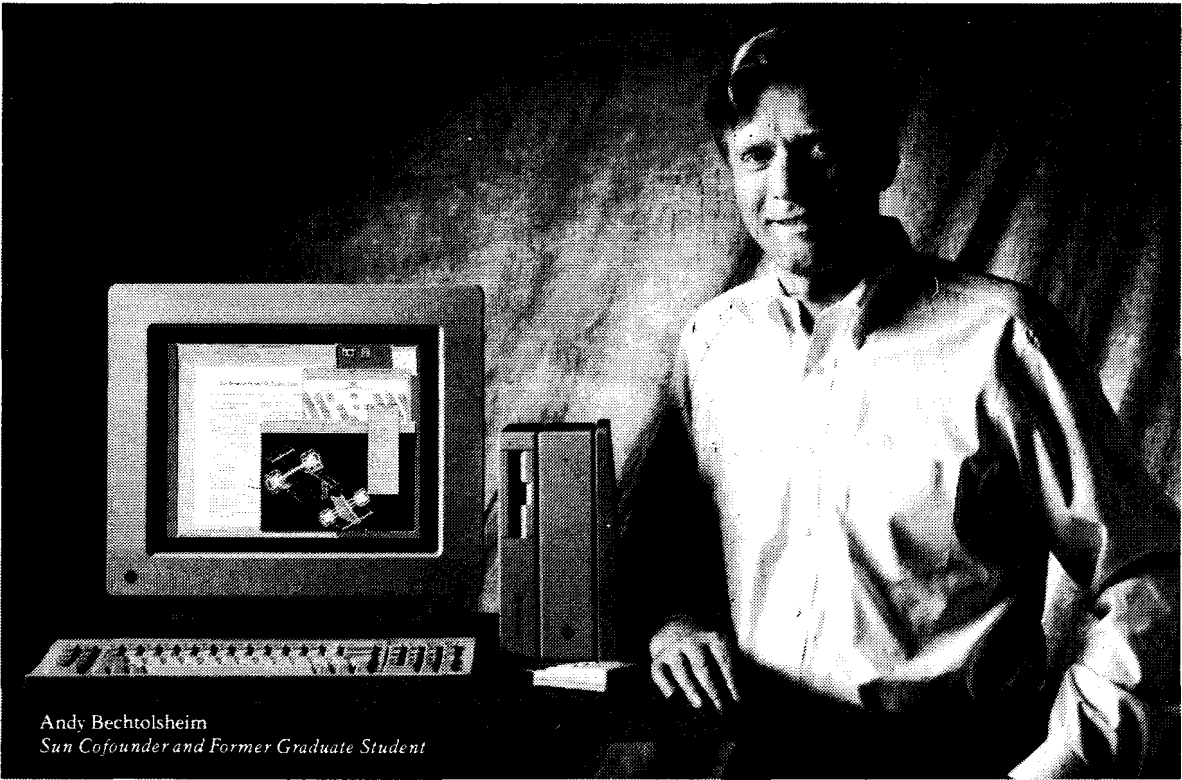
Well, as a rabbi once said: "Oi vey."

Geez, I mean, like, ya know, you'd think they still thought of me as a undergrad or somethin'. Dude. Fer sher.

I heard a "NO WAY!" followed by a "WAAAYYYYYY!"

Well, okay, so I suppose I have a ways to go. But give me a break, I'm still learning. So don't rag my range, awright?

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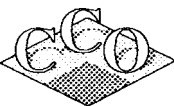
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R. Feynman

What is the other half of this saying?

Treasure Hunt Extra Ordinary # 2

SPORTS

Caltech Ultimate Machine Meets the Black Tide

by Andy Crews

Last Saturday, the Caltech ultimate machine ventured into the uncharted seas of the Black Tide, for the second tournament of the season. Ten hardy ultimate players, graduates and undergraduates alike awoke with the sun and were on the road by 7:30 a.m. We arrived just a little after the 9:00 deadline for the start of our first game, and since we expected few problems, we allowed the Slug ultimate team (U.C. Santa Cruz) to have five penalty points for our late arrival.

Unfortunately, the Santa Cruz A

team was hot that day (they entered the quarterfinals the next day with a 5-0 record) and, as usual, the Caltech team (getting off to its traditional slow start) went down 13-2.

The next game pitted us against some old classmates, and our arch rivals U.C. San Diego. The Caltech team was fierce, and played a hard, fast paced first half, scoring on long flying passes to both Ian Agel and Chris Goddard. The UCSD team was tough, however, with two or three more substitutes than the Caltech team, and it paid off in the end, as they scored several points in a row for a 13-6 victory.

By the time the third game rolled around, the team was beginning to feel the toll of having only three subs. The third game was against U.C. Santa Barbara, the Black Tide, who were on home turf, and had an impressive turn-out. With the realization that there were still three games to go, the Machine, by unspoken consent decided to slack off a little, in anticipation of the next two games.

Perhaps the surprise entrants into the tournament was the team from Oberlin. (Yeah, that's right, Oberlin, Ohio.) It begins to be wear one down when a team from Ohio has

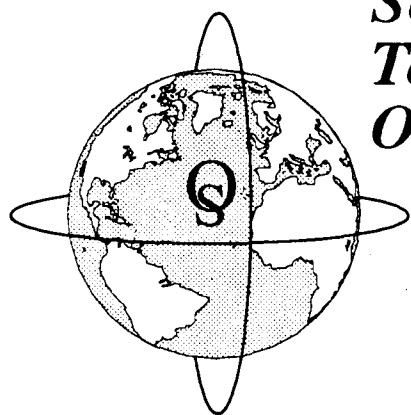
more people in an ultimate tournament than a team from ninety miles away (that'd be us) but we were eager to test their mettle. We had a long rest after the Santa Barbara game, and once again, we played well, head to head, early on, and found ourselves tied at 7-7. But by this time, nearly every member of the team was injured in one way or another, and the soreness crept in, as the adrenaline rush from the beginning of the game wore off, causing our eventual downfall.

Beaten and exhausted, we bargained with the Stanford B team (somewhere around twenty people in size, with more than fifty people total coming down to play for Stanford) to play us a game to seven. Down 6-2 at one point, we put forth an impressive rally, thanks to the excellent handling skills of Eva, Matt, and Ian, and some incredible defense from Jeff that nearly caught us up. The final score was 7-5, an

impressive accomplishment, all things considered, and the Caltech Ultimate Machine was happy to see the game over, and get back to Tech for some food and sleep.

The up side of the tournament is that having played ten official UPA matches allows the Caltech team to be ranked among other teams in the area by the UPA. Unfortunately, we didn't win any games, and we can only hope to improve the ranking in the future.

The next tournament is scheduled to be in U.C. San Diego on the 15th, and with any luck, a huge mass of Techers will show up. To sign up or for more information, call Andy Crews at 585-0198. Be assured that no matter what your skill level is, if you're interested in the game, you will neither be disappointed, nor hurt the team. We need all the people we can get, and the more people there are, the less work for everyone. See you all in San Diego!



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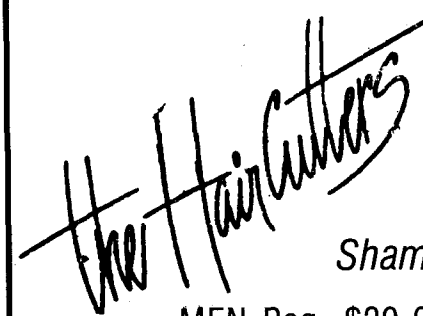
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