

It's  
ADD  
DAY

# THE CALIFORNIA TECH

HOPE HSU GET WELL  
SOON. LISAGIAIMO  
HAS ONE ONE YEAR  
OLD CATFDR YOU. CALL  
HOUSING ANNEX x6188 IF INTERESTED

Volume XC, Number 23

Pasadena, California

April 21, 1989

## Big T Business Manager Fired

by Paul Socolow

Once again this year, the *Big T* is the center of controversy. Unlike the cannon uproar, however, the current problem is not with the finished product, and does not concern an argument within the undergraduate student body. Instead, it involves a legal dispute with outside companies that could well involve ASCIT in a major lawsuit.

The problem was most visible last week when ASCIT received a letter from the legal department of Jostens threatening legal action if the contract for publication of the *Big T* was violated. As a result, Bassem Mora, the *Big T* Business Manager, was fired by the ASCIT Board of Directors.

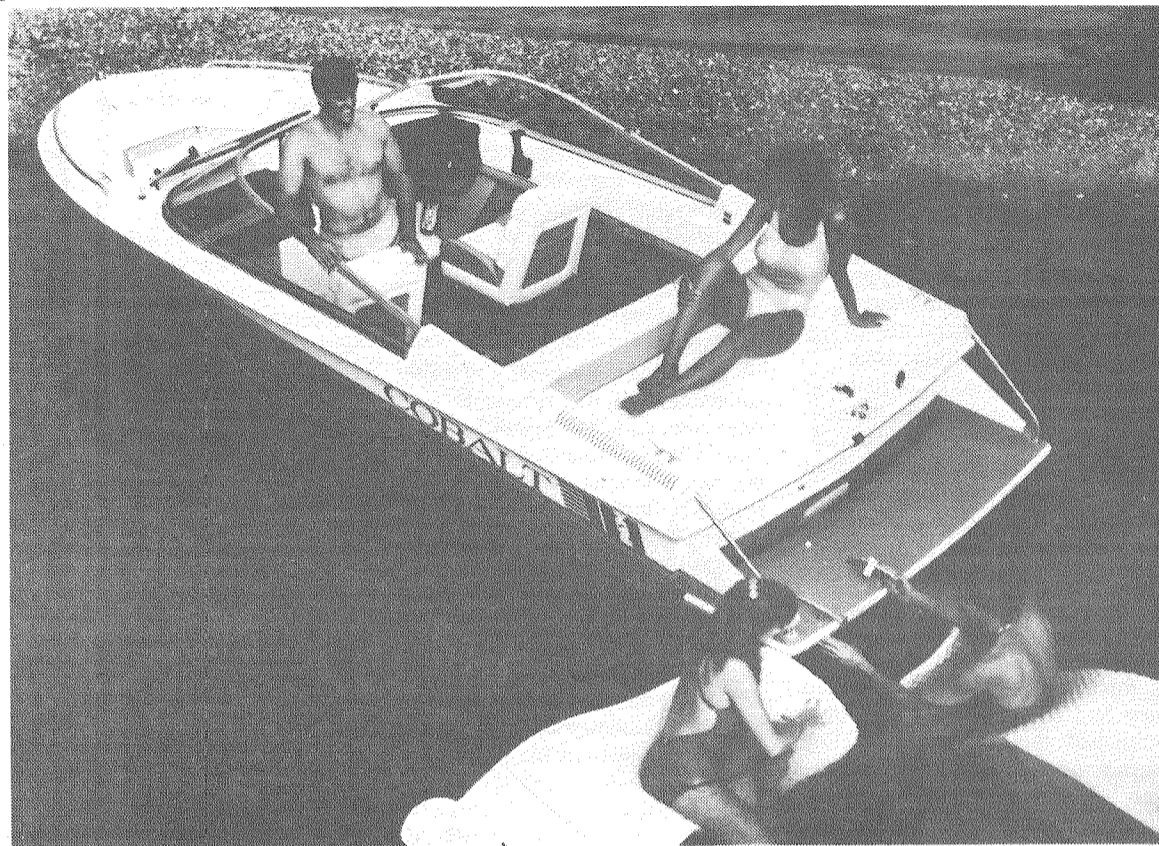
A week later, on April 18, a motion to reconsider his dismissal was defeated. There is now an opening for that position; all interested persons are encouraged to apply.

The controversy started earlier in the year, when Bassem signed a contract with Taylor Publishing, despite the fact that the BOD had

already approved a contract with Jostens. He had assured the editors that it would not be a problem to get out of the Jostens contract, so they began to work with Taylor on the yearbook.

Nothing of note happened until the Jostens representative started to ask about beginning to work with the editors. At this point, it became apparent that it was not going to be as easy to withdraw from the Jostens agreement as had been previously assumed. ASCIT was advised by legal counsel to let Jostens make the next move. Jostens responded by threatening to take legal action, which is where the situation stands now.

There remains much uncertainty as to the seriousness of the threat, and ASCIT's chances of victory if litigation ensues. The immediate problem, however, is the lack of a business manager for the ailing publication. Once again, I urge anyone interested to immediately sign up on the MOSH's door; remember: you want to be *Big T* Business Manager.



Pre-Frosh enjoy their festive non-alcoholic weekend.

## McMillan Pledges \$1.5 Million

[OPR]—Mr. John R. McMillan, a Caltech alumnus and past president of the Associates of the California Institute of Technology, has pledged \$1.5 million to establish the Eleanor and John R. McMillan Professorship in Caltech's Division of Geological and Planetary Sciences. The professorship has been established primarily to honor the memory of Mrs. Eleanor McMillan, who died last May.

"John McMillan has been a strong supporter of Caltech for over 50 years," said Caltech president Thomas Everhart, "first as a student and alumnus, then, with his wife, Eleanor, as an Associate. In an era when resources to support outstanding teachers and researchers are not always plentiful, Caltech is indeed fortunate to have such friends to rely on for continued support. Caltech geologists

and planetary scientists are carrying out exciting investigations in many fields, and we are deeply grateful for this gift of a professorship."

The McMillans joined The Associates, an Institute support group, in 1957. They subsequently became contributing life members and joined the President's Circle, a group of major donors within The Associates. Mr. McMillan was named to The Associates Board of Directors in 1964 and served as its president from 1968 to 1970. He is now a director emeritus.

McMillan received his B.S. in mechanical engineering from Caltech in 1931 and was awarded the Caltech Distinguished Alumnus Award in 1980. Since 1929, when he joined Barnsdall Oil as a petroleum engineer, he has worked

in the fields of petroleum and energy. He held management positions at various oil companies and was chairman and director of Reserve Oil and Gas Company until the company's acquisition by Getty Oil Co. in 1980.

He has been President of the American Institute of Mining, Metallurgical and Petroleum Engineers (SPE) and of Western Oil and Gas Association (WOGA). He served eight years on the National Petroleum Council and twelve years as a director of the American Petroleum Institute.

McMillan is a 50-year member of the American Association of Petroleum Geologists (AAPG). He is a Trustee Associate of the AAPG Foundation and a Trustee of the SPE Foundation. He was named Wildcat Oil Man of the year in 1984 by WOGA. He currently is a self-employed energy producer



Sean Hillyard wants to get off to an early start, but his competition would rather have his butt fondled first. In the meet, the Caltech women's team defeated LaVerne and Pomona-Pitzer. The men split the meet, beating LaVerne, but losing to Pomona-Pitzer.

## Techers Take on Techies

by Mark Schmidt

At 10:45 a.m. last Thursday, a motley crowd of a dozen sleepy techers, with coaches Glen Mattioli and Pam Jansma (who also serve as Page House RA's) boarded the Super Shuttle in the Ath parking lot, bound for LAX and the friendly skies. Later that afternoon, the same crew, half-asleep, tumbled out of another van into the warmth of the Socorro, New Mexico sun as it beat down upon the campus of the New Mexico Institute of Mining and Technology. On the centennial, this delegation was to represent Caltech over the next two days in a "World Class Competition for Real Students." Thursday evening brought a welcome revelation of the rules for the contests, strange as they were, and a mixer featuring a live mariachi band as well as a multitude of free gifts bearing the centennial logo.

Friday morning began on the school's 18-hole golf course with a round of frisbee golf. Tech's Chris Hurwitz won the event, with Mark Schmidt placing third, and the team finishing third as well. Next came Mushball, a more casual version of

softball, where the CIT team lost its first game, but came back to beat Trinity University of San Antonio, Texas in the consolation. Standouts were Ralieg Chiu at shortshop with his leaping, basket-style catches, and Kyuson Yun, the lone female infielder in the male-dominated sport, who never missed a throw to first. Basketball followed, with the Colorado School of Mines overcoming New Mexico's home-court advantage to win, with a little extra help from the special coed rules which did not allow men to cover women and made women's scoring worth nearly twice as much.

This first day set the tone for the athletic competition and the weekend in general. NMT wanted desperately to win their own contest, with only Colorado presenting any real challenge. Caltech and Trinity became fast friends in the losers' bracket, though both schools claimed they "had more fun that way."

On Saturday, the Battling Beavers came into their own, beginning with the paper airplane contest. CIT finished behind the home team, but would have won

easily had style points been awarded. Tech's most creative aeronautical engineer, Chris Hurwitz, manage to create flying models of a frisbee, a koosh ball, and a bean bag, all within the strict paper-and-glue contest specifications. Melinda Knox and Anna Yeakley garnered a large portion of the team's points throwing an object which most closely resembled a small rock, and Ted Mlynar made quite a respectable showing, considering he had to be dragged from bed only moments before the competition's beginning.

Seeded against Trinity in the first round of volleyball, the Caltech players resigned themselves to not seeing their old friends in the consolation round, but went on to finish second. A strong effort by all twelve team members kept NMT sweating right up until the last point.

The final event of the day featured the Techers Quiz Bowl team rolling to a huge victory with 480 points to Trinity's 210, CSM's 45, and NMT's 15. Raleigh handled most of the questions dealing with the most foreign subject to Tech, continued on page 3

## CRIME BEAT

4-13 Two people seen tampering with car on Hill near Athenaum. When witness asked what they were doing, one responded, "I'm working on my car." When Security arrived, the left rear vent window was broken and a theft of the radio had been attempted.

4-14 Student in Page House injured. When paramedics arrived he was bleeding from a cut to the head. He said that he and a friend had been fooling around and he hit his head on the doorknob.

4-14 Fire alarm in Ruddock pulled. No fire.

4-16 Two VCRs and two monitor speakers taken from the SAC video room, estimated value: \$1800. Cabinet was apparently left unlocked.

4-17 Car on Hill next to Athaneum had passenger window broken and radio taken.

4-17 Vacuum cleaners discovered missing in Chandler Dining Hall.

4-18 Bo Adler set off alarm in Parsons-Gates at 2330. Security investigated and he said he was an employee.

4-19 Honda automobile had crashed into fence north of Brown Gymnasium.

Hal Ginder's Crime Tip: With Laboratory Animal Liberation Week coming up, suspicious people or activity near animal labs should be reported to security.

# letters to the editors

## Schamu Speaks

To the editors:  
On Friday, April 14th, a letter from the IHC appeared in this paper discounting the contents of a pamphlet distributed to pre-frosh. Imagine my surprise when I found my signature on a letter I had never seen before. While such a public statement may have been appropriate under the circumstances, I found the unauthorized use of my signature to be disconcerting.

It seems that the IHC Chairman and Secretary, who wrote the article, took it upon themselves to rubber stamp my approval to it without even consulting me. Furthermore, when I took my complaint to members of the administration, I was told, "I'm sure they meant no harm," and "They thought you would approve."

What kind of double standard is this?! The freshmen assumed they had my approval when they published their handbook. They were wrong. They apologized publicly and in writing. These two officers also assumed they had my approval (and evidently, my signature). They were wrong...

Perhaps this incident doesn't warrant the attention I'm giving it. After all, how many of you thought twice about seeing my name signed to such a statement? In any event, I believe this incident shows blatant disregard of proper procedure on the part of these two campus leaders.

Sincerely,  
-Todd Schamberger  
j-53 578-9652

## A Ph106 Apology

To the Editors:  
As the shamefaced perpetrator of the "Where did she come from?" comment during Ph 106 lecture, I would like to offer a sincere apology to the young lady who asked a sincere and important question about spherical harmonics. My wisecrack was indeed "stupid," "ignorant," and above all, "thoughtless." It was not, however, intended to be cruel. If I have caused this person any humiliation or embarrassment, I am deeply sorry. My intention was not to humiliate you. It was simply an expression of incredulity. You see, in the mere two terms I have been at Caltech, I have been ceaselessly bombarded by the concept of spherical harmonics, much to my chagrin (I still cringe whenever I face having to expand a function in spherical harmonics or Bessel functions). I could scarcely believe anyone existed at Caltech who had been here longer than I have and never even heard of them! As a graduate of an unnoted state university, I tend to assume that if I have even a passing familiarity with a subject, it is probably "old hat" to all those "seasoned" Caltech undergraduates in

my 100 level courses.  
I in no way intended to ridicule this person. *Au contraire*, I have a great deal of respect for anyone with the innate talent and sheer guts needed to undertake a class at the level of Ph 106 with a background even less complete than mine. After all, your temporary ignorance of spherical harmonics can be remedied by a short evening of reading; I will probably never be able to match your level of natural ability. You have my highest regards!

As for Mr. Bloomer's scathing assessment of my fitness to deal with the "adults" around me: I would like to think that my friends and acquaintances hold a slightly higher opinion of my ability at interpersonal relations. For example, I hope they know me as a person who is tolerant and loving enough that I would never publicly judge someone's entire personality on the basis of one thoughtless act I have witnessed them commit. I can only hope Mr. Bloomer will give me the chance to improve his opinion of me.

Sincerely,  
-Kent L. Heady  
First year Aph grad student  
128-95

## Page Refs Lacking

To the Editor:  
On Thursday, April 13, Fleming and Lloyd met for Interhouse basketball. It was widely assumed that this would be a close game, and we were glad that Page was to provide refs because they have a few people who are very decent at it. Unfortunately for everyone involved, good refs is not what we got.

The two Page frosh, who showed up to ref were easily the worst excuse for officials I have seen in either Interhouse or GSC basketball. No one expects perfect refs, but you would think that they could at least handle a simple out of bounds call which involves things like blowing the whistle, indicating whose ball it is, and starting play again. Obviously these two bright people found that task too difficult.

After numerous uncalled fouls were committed by both sides and tempers got hot, I decided to provide a confidence booster for one of the refs. I announced to him from a distance of four feet that I was going to commit an obvious intentional foul as soon as the ball got to me. I then turned around, grabbed and pulled on the arm of a Lloyd player, who was driving for a layup. There was a slap, he stumbled, yelled, threw up the ball (scored a nice shot), and nearly sprawled out on the floor. He yelled for a foul, I raised my hand to accept it, but all the ref could muster up was a blank expression on his face.

At first I was angry at Page for sending two ignorant people to the game, but apparently these two had done a decent job at a previous game. In fact, when we played one of those refs in the Page-Fleming game this Monday, it seemed that he had regained his memory. He sure seemed to know when someone fouled him! In my four years here I do not remember a house trying to screw up a game by purposely refing badly. I seem to remember things like that being covered in the Honor Code. Hopefully someone will explain to these gentlemen that their attitude needs to be reevaluated.

Sincerely,  
-Chris Habecker  
Fleming House  
1-57

## Response to Alex Wei's Letter

To the Editors:  
I was quite delighted to read about Alex Wei's success in completing the Physics 110 class at UCLA, and impressed that he was able to teach himself the material. This anecdote, however, certainly does not vindicate the professor whose "horrible lecturing style" made the course such an uphill battle for him. Financing a college education is quite a burden on many students, and I believe they have a right to expect much more than "poor teaching" for their investment of thousands of dollars. Learning is impeded by many factors already (e.g., past experience, time constraints, etc.) and should not be further confounded by a professor's inability to communicate (or ability to confuse). I certainly will not claim that our teachers are fully "to blame for our lapse in education," and I agree that a greater effort from us can go a long way in correcting that lapse. But, reflecting on Alex Wei's "most valuable lesson": if the students are forced to take up the entire weight of "teaching themselves," and are unable to rely on useful assistance from a clear and interested teacher, then perhaps they would be better off doing their self-learning at home, where it would be easier on their pocketbooks.

-David Ball  
1-89  
578-9831

## Another Response

Dear Editors:  
In his letter of April 14, 1989, Alex Wei acknowledged the existence of poor teaching at Caltech, but he did not think it was a problem. He reasoned that since Caltech students are gifted with enormous talent, something like poor teaching could not possibly prevent them from learning class materials themselves. This line of reasoning boldly undermines the value of good teaching.

It is indisputable that many Caltech students are capable of learning class materials themselves, but to use this fact as a reason to tolerate poor teaching quality is inexcusable. Alex Wei seems to have forgotten the value of having a good teacher. A good teacher does more than simply provide information, or revert to standard pedagogical techniques. A good teacher helps the student to focus his reading in the direction which promotes the greatest understanding. A good teacher uncomplicates complex concepts, expressing them in terms of familiar ideas. A good teacher has a contagious enthusiasm for the

material which can inspire the student to explore the deeper aspects of research in that field. A good teacher is sensitive to the abilities of the students, and is able to adjust his presentation in accordance with the class' comprehension. A good teacher leaves the student with the sense of having gained insight from the lecture. I urge you to rekindle the memories of your experiences with good teachers, and in doing so, their value will speak for itself. As an old saying goes, "a good teacher is better than three books."

If Alex is so correct in asserting that good teachers, though desirable, play a minor role in one's pursuit of education, may I then suggest that the Institute should consider turning all the courses into independent studies in which students just need to find out what books are required for the courses, read them, and take exams. In this way, a student's tuition would be reduced because he does not need to pay the faculty to teach. Moreover, the Institute can turn many of the current classrooms into laboratories since they are in high demand. Woo, isn't that a lovely idea!

-Kin Ha  
Page House 1-53  
449-0583

## A Mother's IW Observations

To the editors:  
Regarding the controversy concerning censorship of the Inside World, here are some thoughts from an outsider.

Ultimately, the editor sets the style, tone, and content of everything that appears in his paper. In allowing the Inside World writers absolute freedom, he abdicates some measure of that responsibility. It may be argued that Inside World writers function as columnists and, as such, are not subject to internal editing, only the printing or not of their complete articles. By title, the editor's function is to edit, i.e., to selectively determine what should and should not be printed.

The editor is himself governed by his publisher, who can replace the editor at his pleasure. This brings up the heart of the matter. *The California Tech* is published by Caltech students, for Caltech students, and they choose its content by their election of the editor. Should a candidate who campaigned on "cleaning up" the Inside World be elected, it would be his prerogative to delete as he saw fit. Were a candidate elected who pledged to print the Inside World as submitted, he would be obliged to do so, provided it was not libelous, pornographic ("community standards" must be considered here), or otherwise illegal. In this case, the individual writers determine what is acceptable, and, should the editor become uncomfortable with their decision, he can attempt to persuade the writers to alter their content voluntarily, or he can resign in protest.

As a matter of personal taste (not a function of age, sex, relation to Caltech, or any other factor) I find parts of the Inside World vulgar, obscene, and offensive. Were I the editor, for example, I would eliminate all expletives, references to bodily functions, and creative expressions attempting to circumvent by intended prohibitions. This naturally gives rise to the question, does the obscenity lie in the words or the meaning or both?

However, I am neither the edi-

tor nor the publisher nor the primary audience. As expressed earlier, the publisher and primary audience of *The California Tech* are essentially the same. It is their privilege and responsibility, expressed in and executed by their chosen editor, to use the paper to entertain themselves, or to project a desired and defined image to others, or some combination of the two.

The secondary audience (parents, prospective students, etc.) is just that- secondary. No one compels these people to read the paper, and they need to be taken into account only if the editor and publisher consider it important.

Censorship, per se, is as objectionable as the content of some of the Inside World.

Regards,  
-A Teacher's Mom  
2500 Hunting Valley Drive  
Decatur, GA 30033

### NOTICE

*The California Tech's* review of the Los Angeles Music Center Opera sensational new production of *Salome* has been unavoidably delayed, due to the incapacitation of its Entertainment Editor. Watch for it next week!

## THE CALIFORNIA TECH

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April 21, 1989

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Fun-Filled Thrill-a-Minute Totally Outrageous  
**ASCIT FRIDAY NIGHT MOVIE**  
Stanley Kubrick's  
**FULL METAL JACKET**  
  
With: Dr. Seuss: *The Sneetches*  
and Charlie Chaplin: *Caught in a Cabaret*  
Baxter Lecture Hall 7:30 & 10:30 p.m.  
\$1 for ASCIT members \$1.50 for others  
Next Week: *The Last Emperor*

**AIDS Experience**

To the Editors:

On Tuesday evening, April 19th, Ricketts House took its turn hosting a panel discussion on AIDS. The panel consisted of three men who were infected with human immunodeficiency virus (HIV) and a woman who was involved in AIDS research. The program consisted of a short introduction by each panelist followed by a question and answer session.

I did not expect to learn much from the discussion because I considered myself fairly well informed. Nevertheless I attended, mostly due to curiosity as to how the evening would progress. To my surprise, that one evening did more to heighten my awareness of AIDS than reading magazine articles or health care pamphlets.

Being young and never having personally known someone with AIDS has allowed me to be emotionally detached from the current epidemic. AIDS was an abstract health problem the world was facing; I felt somewhat invulnerable to it. The discussion on Tuesday changed that perception and as a result the disease has more meaning to me. I now realize I am not safe just because I do not fall into the traditional high risk groups. AIDS has become something real.

Education on AIDS is important, especially for the college age group. Among young adults, the number of AIDS cases has increased the most. So events like the one held in Ricketts House are very important for they try to reach a group at risk. I commend the panelists and all those who helped put together the program, and hope such programs will continue in the future. Tuesday made a difference, and surely for others as well

Sincerely,

-Alex Sugiyama

**ASCIT MINI MINUTES**

4/18/89 10:30

International Day is on May 17, tentatively. This year there are more clubs so they need more money than last year. They ask for \$1000.

Justin announces ballroom dancing which continues from May 1. He asks for \$100.

Emily asks for \$200 from a Fleming party last quarter, and \$200 for Santa Anita as well. Schamu and Harkness say something about Fleming owing them the money

In response to all the above requests, the ASCIT BOD responds "We're still figuring out this year's club budget, so come back next week."

In a switch, Harkness called Bappa an animal.

Tech editors leave for an intense broomball game, but we heard not much else happened.

**sports**

**Women's Tennis on Winning Streak**

by Stud Muffin Saytoe

The women's tennis team had a sweeping win over Redlands on Saturday, defeating the Bulldogs 8-1. Carrying their stellar play over to Wednesday, the team also slaughtered Mount St. Mary's College 9-0.

On Saturday, at some ungodly hour in the morning (thanks for the scheduling, Warren) the women's team trekked over to Redlands for their match. It looked like it was going to rain, but the weather turned out to be rather hot and humid, placing a double burden on the players, testing their stamina as well as tennis expertise.

Playing first singles Carol Choy and her opponent Lisa Busalacchi were unable to break each others serve. After fending off two set points, Choy forced a tie breaker, winning the first set 7-6 (7-2), then went on to take the second set 6-2. Jane Seto at second singles easily defeated Jessica Le (sister of the famed men's team star, Anh Tuan Le) 6-1, 6-1 by drawing Le to net, then passing her with hard hit groundstrokes.

It was a terrific battle at the number three spot with Laura Hernandez taking the first set from Kim Yates 6-3, but dropping the

second set 4-6. The third set seasawed back and forth, but with steady and aggressive play, Hernandez emerged with a extremely close 7-6 (7-5) triumph, a match that clinched the win for Caltech.

Carol Mullenax at fourth singles edged out the first set from Marti Nanney and came back from 3-5 in the second set to win the match 6-4, 7-5. At number five, Nancy Hua, down 2-5, out steadied her opponent to reach five all, but then lost a few crucial points to lose the set 5-7. Hua was unable to capture the next set, losing it and the match 3-6 despite her gallant efforts.

Karen Oegema with outstanding play against Marnie Clement won 7-5 in the first set, but faltered in the second set to drop it 1-6. Regaining her composure in the third set Oegema decided enough was enough and played each point as though it were the last. Moving her wearied opponent left and right, front and back, Oegema triumphed with a 6-2 third set win.

Also playing a tremendous match was number seven Michelle Tseng. Taking the first set from Tiff Schmitt 6-3, Tseng had a little trouble and just barely lost the next set 4-6. With good placement and excellent serves, Tseng also pulled off a three set (6-4) victory.

At first doubles with Choy's steady play and Mullenax's winner returns, the pair easily defeated Busalacchi and Le 6-4, 6-0. The third doubles of Oegema and Hua took three sets, but the stamina of the fit team dominated Nanney and Clement 6-3, 2-6, 6-3. Seto and Hernandez, weary of the plethora of foot faults from the Yates/Waters team called for line judges, for which Michelle Tseng gladly volunteered. With all the foot faults out of the way, Seto and Hernandez quickly finished off their match with a 7-5, 6-4 victory. This won them the coveted Most and Least Games Played titles. Hernandez won the MGP award at 54 games, with Oegema a close second at 53. Seto with 36 games barely claimed the LPG title with a close finish by Choy at 37, and Mullenax at 38.

For the Wednesday match, Mount St. Mary's College, hearing of the unbeatable Karen Oegema, only brought four players, hoping to avoid the dreaded doubles confrontation. The sneaky Caltech coach Giny Marum ruined their strategy by moving the reunited Junko Munakata/Karen Oegema team to second doubles. The deadly duo got off to a quick start with a 6-1 set, but having problems with

serves and returns, lost the next set 1-6. Back on track in the third set Munakata and Oegema outplayed their opponents 6-2 to win in yet another three setter for Oegema.

Choy and Mullenax at first doubles lost a close first set to the MSMC team 6-7 (2-7), but with some good tips from teammate Hernandez and coach Marum managed to turn the match in their favor to win the next set 6-2. The third set showed some very strong, well-paced serves from Mullenax that had the MSMC team digging for the balls, only to have the weak shots returned by decisive over-heads by Choy. The final outcome was a 6-1 third set victory for Caltech.

Prior to the close doubles matches the Caltech team trounced MSMC in singles. The matches were completed in record time with Choy winning 6-0, 6-4, Seto rolling over her opponent 6-0, 6-0, Hernandez victorious with 6-2, 6-0 scores and Mullenax finishing with a 6-1, 6-0 triumph. The team score of 9-0 was a shutout against MSMC, and the second shutout this season for the women's team.

The last match is slated for Saturday at La Verne where the team hopes to make it their third win in a row. Good luck!!!

**New Mexico**

from page 2

"Culture," while Felicity Wong answered obscure Geology questions one after the other. What those two didn't know, Golda Bernstein and Andrew Kaluzniacki took care of, while awed onlookers chanted "Raleigh's a god," and later, "Andrew's a god."

Meanwhile, Ted, Chris, and Celia Ng took some time off to dive into the local social life, with Celia winning Best Wet Bathing Suit at the NMT Spring Fling contest and Chris taking the same award in the Men's division.

On the strength of Saturday's events, Caltech placed second overall behind New Mexico, with Colorado third and Trinity fourth. Disappointingly, no ties needed to be broken, eliminating the need for the Tug-o-War, for which Jay Oberholte had prepared by spending every spare moment in NMT's weight room. A handsome trophy can be seen on display in the Dean's office.

The "Techies," as New Mexico's students are known, were friendly, gracious hosts, and held two better-than-Tech-average dances for the participants, though many were too sore to fully enjoy them. All in all, everyone agreed that the free trip, free food, free gifts, and gorgeous sunburn were more than worth the money, and only hope that Caltech can manage an equally entertaining diversion when its centennial rolls around in '91.

**WEEKLY SPORTS CALENDAR**

Day	Date	Time	Sport	Opponent	Location
Fri.	4-21	2:00 pm	Track	Pomona-Pitzer Invitational	Pomona-Pitzer
Fri.	4-21	3:00 pm	Baseball	Pomona-Pitzer	Caltech
Sat.	4-22	11:00 am	Baseball (2)	Pomona-Pitzer	Pomona-Pitzer
Sat.	4-22	11:00 am	Tennis (W)	La Verne	La Verne
Sat.	4-22	2:00 pm	Tennis (M)	La Verne	La Verne
Tue.	4-25	3:00 pm	Tennis (M)	Christ College	Caltech
Fri.	4-28	12 noon	Tennis (W)	SCIAC Tournament	Clare-Mudd-Scripps
Fri.	4-28	TBA	Track	SCIAC Championship	Pomona-Pitzer
Sat.	4-29	TBA	Track	SCIAC Championship	Pomona-Pitzer
Sat.	4-29	All Day	Tennis (W)	SCIAC Tournament	Clare-Mudd-Scripps
Sat.	4-29	12 noon	Baseball (2)	Pac. Coast Baptist Bible College	P.C.B.B.C.
Sat.	4-29	1:30 pm	Tennis (M)	J.P.L.	Caltech

**WEEKLY SPORTS RESULTS**

Day	Date	Sport	Opponent	Results
Fri.	4-14	Baseball	Whittier	8-9
Fri.	4-14	Tennis (M)	Christ College	5-4
Sat.	4-15	Baseball (2)	Whittier	2-12, 0-10
Sat.	4-15	Track	LaVerne, Pomona-Pitzer	Men: Caltech 118, LaVerne 10; Caltech 31, Pomona-Pitzer 126 Women: Caltech 96, LaVerne 25; Caltech 75, Pomona-Pitzer 62
Sat.	4-15	Tennis (W)	Redlands	1-8
Sat.	4-15	Tennis (M)	Claremont-Mudd	0-9
Sun.	4-16	Soccer Club (W)	Mavericks	1-4
Tue.	4-18	Baseball	Pac. Coast Baptist Bible College	3-6
Wed.	4-19	Tennis (W)	Mt. St. Mary's	9-0

**Y Events**

**PASSION!!** - come to the Y for William Hall Chorale and Orches-

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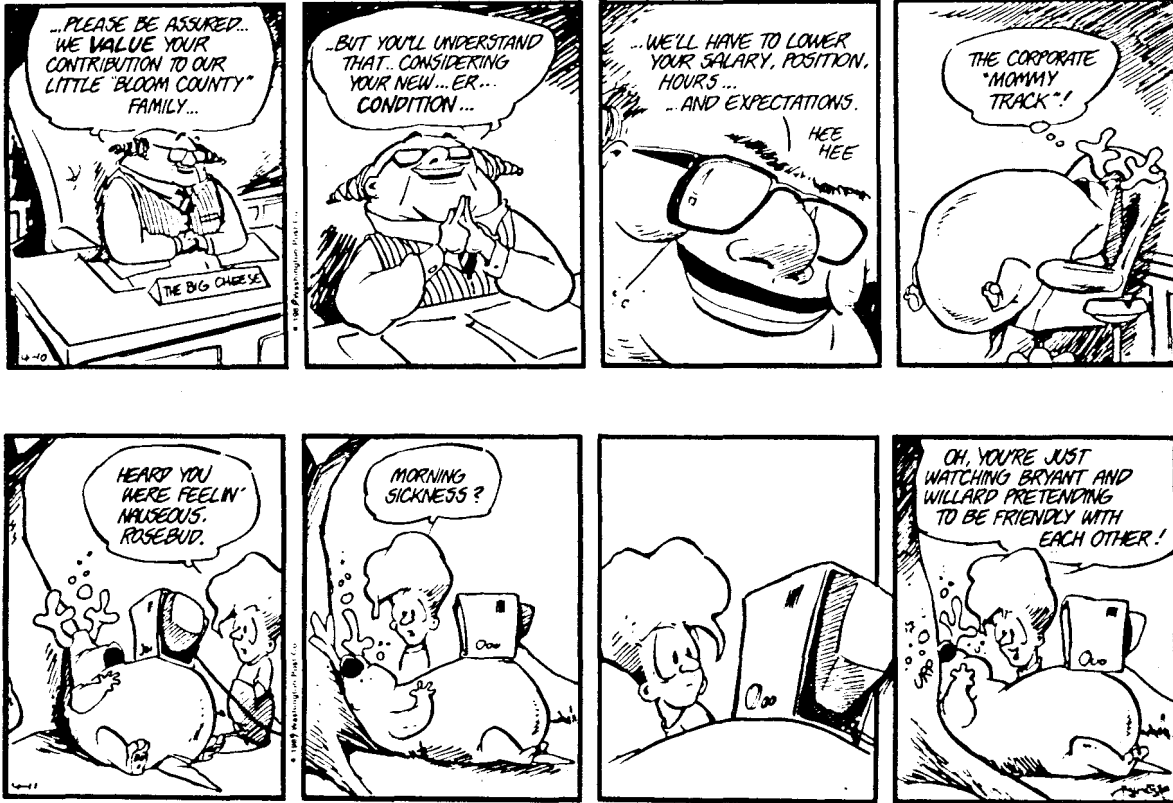
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by Berke Breathed



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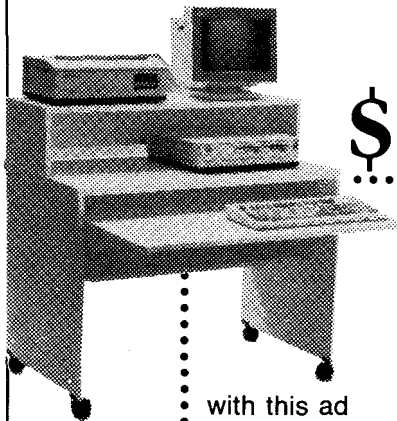
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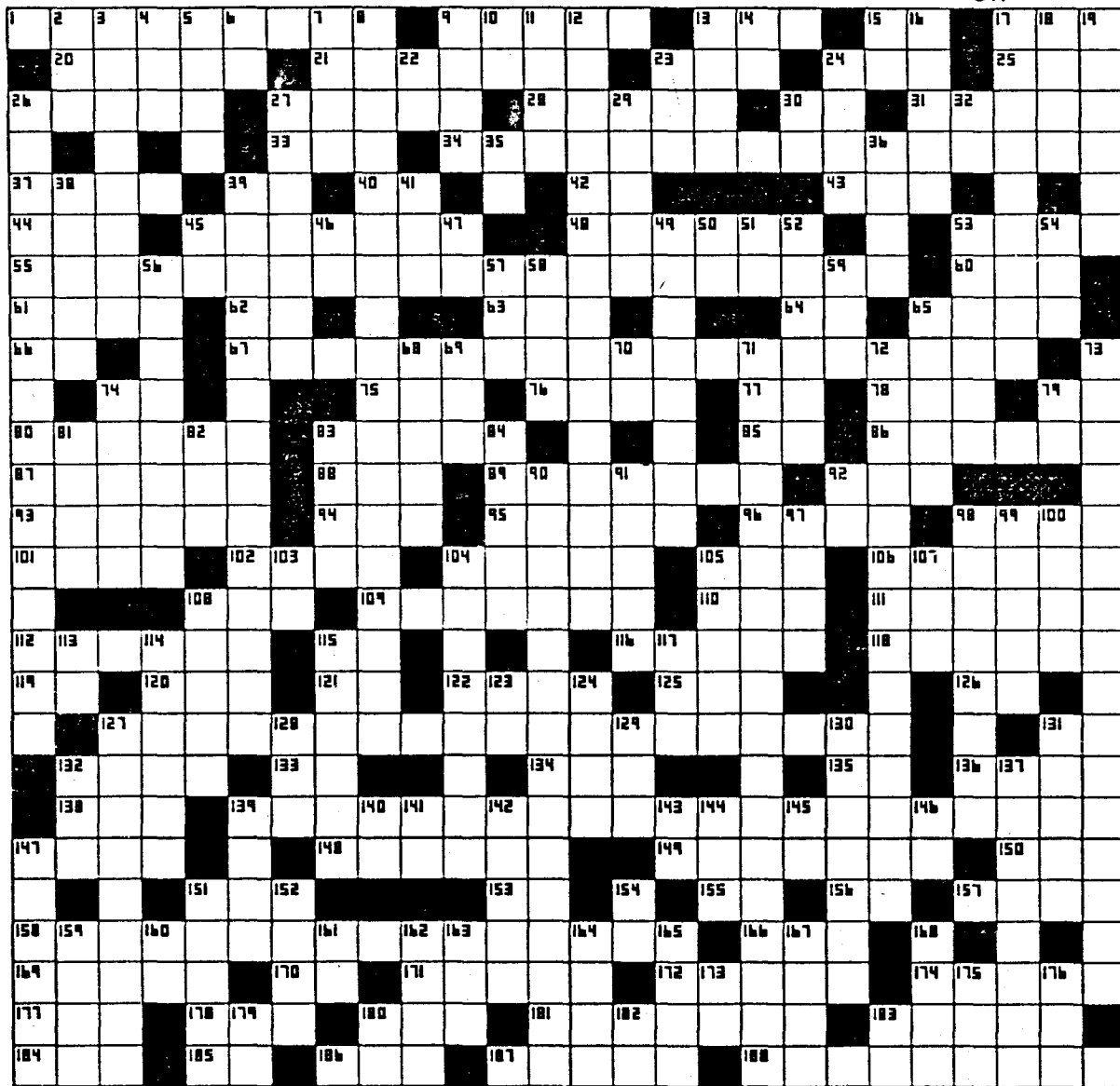
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Caltech Crossword #1

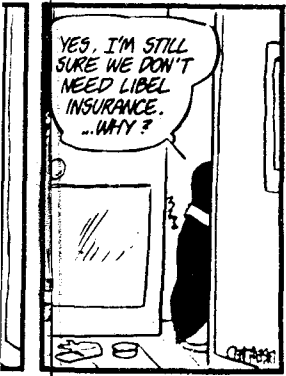
"Attention to the text"

by Brian Lemoff



Anyone who turns in a correct solution to this crossword by 5PM today will be in a drawing with a grand prize of one dollar. Friends of Brian Lemoff exempt.

Win Money



- Across**
- Valet
  - Dessicated
  - Oscillating voltage
  - "Bug eyed monsters", courses taught by Hurwitz
  - The Whale, constellation
  - Anthem opener
  - Doze
  - BDR's neighbor to the east
  - Esprit
  - Schroedinger's pet
  - A fish of the genus Abramis
  - Scare
  - Prosecutor
  - Herman and Lilly's son
  - Voltage
  - Colorful bruise
  - Mater
  - Egyptian sun god
  - Crossword editor of N.Y. Times

- They test machines for safety
- Annoy
- Greek letters
- "May the force be with you", Obe Wan Kenobee
- Woolly
- Stimulus
- Physics 1a
- Wave, Sp.
- Reform Judaism org.
- Expression of amusement
- Type of semiconductor
- Sodium
- Diagrammed
- Manganese
- How to insure that seminars never lack direction?
- Chuck's princess
- With 125 across, palindromic
- former Cambodian leader

- Departed
- Linking verb
- Highway, abbr.
- Midwestern state, abbr.
- Where one might purchase glasses
- A sick Resident Associate
- A college degree which a priest might hold
- A weasel, noted for its coat
- A hair appliance
- An inmate in a Soviet prison camp
- Shiver
- Attempt
- Hooked at the tip
- Economics majors, abbr.
- Lowest electromagnetic mode
- Throat clearing noise
- African country
- At another time

- Pep
- Someone born in March or April
- Hotel, abbr.
- Unable to speak
- Graduate degree
- How high a die goes
- Had, Fr.
- Alcott; American author
- Native American
- Krypton
- Directly below
- Writing implement
- A poisonous gas found in car exhaust
- SAT for grad. schools
- Prof. Liepmann's dept.
- A northern state, abbr.
- See 75 across
- Invented G.R. and S.R.
- Chemistry 1abc

- Univ. of Utah product
- Unequal, pref.
- This, Fr.
- Pork
- QM pioneer
- Iron and gold
- Inferior east coast counterpart to Caltech
- Why they didn't scream when they pulled their teeth
- Undulation
- Nearsighted
- Bam-bam's hometown
- A type of graduate funding
- Antiquated
- J.K.'s Atty. General
- Compass point
- UNIX command
- Parton has a very massive one
- Math 2 abc
- One septillionth of an MeV

- His bottle is not orientable
- Manuscript, abbr.
- Undergrad. biology committee
- Delighted, Fr.
- Molar
- Number one, in Noordwijk
- Gown companion
- A best friend
- Mobile home
- Yellow, to Yvette
- RDB's new chair; used to belong to Feynman
- Prof. Middlebrook's dept.
- Buck's mate
- A childrens' Doctor
- The study of meanings

- Down**
- Fletcher Jones Prof. of APH
  - Shawnee chief
  - Scheduled arrival time
  - Lugs
  - Supervises Ph 3,4,5,6,7
  - Magnitude
  - Physics 1abc
  - Woolly whiner
  - Astronomy, abbr.
  - Athl. league
  - Math 1abc
  - Condemn
  - Feynman
  - In the Common Era
  - Stream
  - Dishonest scientists
  - Turkish leader, e.g. Pasha
  - More timid
  - His, to Hamidou
  - A powerful lobby
  - Modern artist
  - Physics 2b
  - What they failed to do in "2001"
  - The KKK is one
  - A unit of gain
  - Leader of an AD&D campaign
  - Sixty
  - Encourage
  - Mabel Ganson Dodge; Amer. author, 1879-1962
  - What Mikhail will be after receiving royalties on his books
  - Me, to Michel
  - Nous, to Nathan and Nancy
  - Astronomical quantity
  - Berkeley or Davis
  - Video game system
  - Bldv.
  - "Adoramus Christie"
  - Borgnine
  - What James Bond might say after a screw-up
  - Detroit union
  - Physicist and chemist, Nobel Laureate in 1951
  - Friend to Francois
  - Extended
  - Omaha missile center
  - Marriage money
  - Yellow parts
  - Type of camera
  - P.U. home state
  - Physics 2a
  - Physics 2c
  - What goes on in Noyes Laboratory
  - Skin, comb. form
  - Atop
  - Chinese currency
  - Olympian air, abbr.
  - Causes to be,

- Houston ball player
- Why Anatoly Karpov is upset
- Mxican beer
- Wizard of Menlo Park
- A popular hotel, abbr.
- Hawaiian volcano
- Arlo ate at her restaurant
- The Verrazano Narrows bridge connects these islands
- A talking horse
- Dehmelt built a better one at Univ. of Wash.
- Vietnamese city
- Love, Scot.
- City on the Seine
- Number, abbr.
- Set afire
- Mrs. Alcindor's son
- A deciduous tree
- A Yiddish exclamation
- Not this
- An unpaired chromosome
- Starfish phylum, abbr.
- Mariel's grandfather
- Rotate
- A French King
- A physicians' group
- A type of pasta
- Fee
- Karyotype of inviable offspring of homosexual mating
- Chinese stone game
- Phage
- Author White, wrote "Charlotte's Web"
- Males
- NW state
- Wife of M.K., slain civil rights leader
- Basket material
- Unit of weight
- Drop
- A three toed sloth
- Guinness, Br. actor
- 101
- Himmler's org.
- Double reeded woodwind
- Drag
- Grayish shade of yellow
- Part of the eye
- Emerald Isle
- Borodinsky
- Light metal, abbr.
- Knock
- Technology, abbr.
- Vowel digraph
- "Make and"
- Childcraft volume 11
- Like
- Yes, to Johannes suff.

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# The Inside World

This week's **Inside World** was brought to you by:  
**Blacker:** Rob Padula, Glenn Eychaner and Eric ????  
**Page:** Ajay Chheda  
**Ruddock:** Nik Joshi  
**Dabney:** David A. Edwards

## Blacker:

Well, the Evil Empire of the North (Hovsing) has been flexing its muscle, and has stripped us of Hovse Banzai. We, needless to say, are somewhat pissed about this. Our frosh are even more pissed, seeing as they're the ones getting *really* screwed. Oh well, we're going to miss you guys.

Anna's a fag.

The Blacker Basketball Machine is looking good; we could probably beat the Sacramento Kings, the Miami Heat, or maybe even the LA Dodgers... ok, maybe not. Well, we can lose to anyone with one hand tied behind our backs. If we could only use the New Mexico Tech rules... Eric says tennis is coming up, that it "is a wimpy sport but play it anyway."

Monkey problems are stupid.

The Writers have decided to make vicious personal attacks on Antony. First, having a loud stereo is ok. Listening to loud music is ok. But, you need variation in there. GET A NEW TAPE, DAMMIT!! Second, get another pair of shorts. (Glenn says) change your underwear, too (how does Glenn know?). Lose the Texan accent; you're not that good at it, and people might confuse you with Marty. And what's the deal with the name "Bill"? My (Rob's) little brother's name is Bill, and trust me, you don't want to be confused with him. OK, enough ragging on Antony (for now). Nothing personal Antony, we just needed a target and you popped to mind.

Hack is a stupid game.

Other random things to say: The furniture will arrive someday. More people need to be invited to the Associate's tea, and someone should write a play, too. The plug by room 58 mentioned on the damage list was broken last year, too. The Swamp shower doesn't flood anymore. If anyone goes to Fuddrucker's, please pick up the Heaven shower head. Pirate Radio went for four hours yesterday without playing "Stand". Sign up for your BEGADeath T-shirts, as they are a limited production item. The Caltech Ultimate Machine plays tomorrow in Riverside. Ditch Day was yesterday, and we all missed it. We got a phone from Time. Elvis is dead, dammit!

*-The sky started falling, again last night*

## Page

Welcome back to Page House, boys and girls!!!! In the usual Page House style, the after-Spring Break edition of the Page Inside World is 2 weeks 2 late. But remember, the early worm deserves to be eaten. This, however, is what's known in social circles as being "Fashionably late". And this is characteristic of people who live in the "Social Meccas of the World". And PAGE HOUSE definitely deserves (after last weekend, i.e. Pre-Frosh weekend.) to be known as the "SOCIAL MECCA OF THE WORLD". After all, S.M. parties get going after 1 a.m., and have men who are men; women who are pre-frosh.

Last Weekend's Highlights (for the clueless and the brain-dead): For some strange reason, the weekend seems to have started of Thursday night for the glommers and the "fertilizers". The Matthew Couch "Page" Library was so deep in the stuff during Dessert Night that I had to put on my Cowboy boots. But I guess that for some people, whose names I will mention somewhere around here, it turned out to be a pretty exciting (and I might add titillating) weekend. All day Friday seemed like a beehive. Instead of the usual "I shouldn't have to wake up early and go to classes on Fridays" attitude, there was perpetual motion about. Everyone was up early and eager to attend classes, or at least seem to be. Friday night, the PAGE DUDES partied to the tunes and music of Radio BAPPA. It started out slowly but got exciting around eleven when our illustrious President commented about the milk capacity of a couple of jugs. This was followed by another lull in activities but not for long. Because those who went on a magic "trip" came down from the mountain, and Page House PARTIED ON. The ratio was actually very good, and lots of people were dancing in the Page courtyard. The Beach Trip did happen the next day for some people but others were nursing a hangover. Saturday night saw Brett "I have her name and number" dancing (yes, actually dancing with one female and no males.) with a pre-frosh. It was also when George "She teaches at PCC" was seen leaving with a recent graduate of Caltech. It seems something did happen for him, since he was again seen Thursday night going out with this very same person. Jimbob "Former President" got an interesting proposition that night to which he still has to reply. The PAGE WEINIE ROAST was a boisterous and rowdy success. Ask anyone. (i.e. the couple of flems who were glomming the weinies or even CALTECH SECURITY who had to tell us to end on a good note and made us move to the Page library.) Even with all this partying, we DEFENDED the DISCOBULUS trophy against BLACKER in softball. As usual, Dwight was particularly intimidating toward the Moles. By the way, What Day is Today? ADD DAY!!!!

Overheard while sitting: "You know the one thing I learned as a Lloydie, is to always wash my hands after pissing and be neat."

"Yeah, well look at how many paper towels you wasted. At Lemming, they not only teach us to wash our hands after pissing but also to be efficient."

"What do they teach you at Page, boy?"

"Not to piss on our hands."

## Top Ten Things Todd "Mr. President" Schamberger Says To A Woman

10. I'm only doing this for quarters.
9. I've only had 3 six-packs so far.
8. The other guys are all behind me.
7. Are you really 35 years old.
6. I hope you don't take this the wrong way.
5. I can be just as tacky as the next Todd(ler).
4. Do you want to do it right here under the volleyball net?
3. Welcome to Page House.
2. I really admire your right mammary.
1. I really admire your left mammary.

That's enough for right now except that I wish to at this time formally state that this is not an official document and represents only the opinion of a small group of students, namely mine. And if the IHC feels that some of these views are inappropriate for publication or that minors may not drink alcohol, then they are truly sorry and unfortunate that this publication was not received in the spirit of which it was intended. And I hope that this will not reflect negatively on Caltech as a whole.

*-Bad Boy From Bombay*

## Ruddock

"How does this feel?"

(We hear the sound of cloth rubbing on cloth)

"I don't know, ok, I guess."

"Good, just relax!"

(more cloth on cloth)

Man!!! These pre-frosh are out of control! Hey, no accusations of sexual harrasment folks, this was pre-frosh on pre-frosh (guy on girl even!)! So, how do I know this, if I wasn't here all weekend? Simple! It was told to me as heard by someone who was told by the person who acutally heard it, so its gotta be true, they were all reliable sources, and even sober at the time! Looks like we got a lively bunch'o frosh next year. But then again, anyone interested in that kinda stuff probably won't come here. Remember kids, keep your purple headed love warrior properly armored (Bertani says plate mail is better, but not nearly as much fun as studded leather).

Model United Nations was pretty damn good. Not as great as San Diego, but pretty damn good anyway. Its amazing how a bunch of college students (over 600), bent on getting drunk and laid can still manage to get more done in three days than the real United Nations can in three years. Hey Eric, I want control for next year!!! And the women! God! Like, there were as many as there were guys, maybe even a few more (I forgot what the real world is like). When was the last time you were bought a drink, and thanked for a dance? Almost makes you feel like a man again...

Graffiti Party? I don't know, heard it was shit, heard it was OK, and heard it was great. I'll let all those who were there come to their own conclusions. Big party with Page on May 6th, in thier courtyard, not ours for once. We got a free bar, two bands, and a lotta invitations to give out to Scripps and Oxy. Be there, or just shrivel up and die.

A pussy from the past appeared in Betsy's room (relax Milton, its not who you think). It's about seven years old and losing all its hair. Matt was surprised to find the go-cart on fire, not to mention on top of him at the time. Jesus, man, you know better than that. Everett was on fire, but not on top of Annetta at the time. Celia bruised her leg, I wonder if Larry was on top at the time. Hey Kieth! Who was on top? You, the pre-frosh (male or female) or Fetterman? Were we dining at the Y, or was it slamma-jamma sandwich time? Hey, by the way, congratulate Celia, she won the Women's Division for The Wet Swim Suit Contest at New Mexico Tech last weekend. She promises photos are forthcoming. Oh ya, Hurwitz won in the Men's Division. I hear we kicked ass on the quiz bowl too (something like 480 pts, with the next highest school at 200, and New Mexico Tech at a whopping 5!!). Shit, we've got the brains, we've got the looks, lets make lots of money.

It's room hassle time, and Netta's life is a living shit-hole (can you imagine what a LIVING shit-hole is, I mean, it's walking around, talking, being an asshole, I'm sure you've met one...). Anyway, she's not liking it. Seems there's some confusion over squatters rights, and other stuff, and everyone's coming down on her, so don't! But then again, you can say she's earning her room pick. And let's set the record straight, Ruddock didn't come out with +4 off campus rooms, we netted a -1 (Lura had 6 spaces, 290 has 5). Duppy says Lloyd got +4. So there. The frosh are scared shitless (imagine a house full of frosh who can't shit) about being kicked off campus, since we're supposed to get forty (40) frosh next year. Ya right, let's make the house 1/3 frosh.

Anyway, the social event this week is Alley Wars, Sunday afternoon, the rules should already be out. Arm yourselves!!! Open season on cats, so you'll all can practice. Sign up for Magic Mountain. Beach trip with windsurfing next week (maybe). Party with Page May 6th. Hey Blacker and Fleming, how about a party near the end of the year? It could be the Blacker And Ruddock, Fleming party (the B.A.R.F., get it, barf? I like it!) Find me, if I don't find you first.

Oh ya, hey Fleming, are you still gonna protest the game? And ending on a pleasant note, Ruddock wants to publicly welcome Veer to the house. He lives in New Delhi and we're sponsoring him through a relief agency. Welcome Veer. Enough said...

*-Cynical*

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# More Inside World

Dabney

Well, I had a wonderful Inside World written this week. One of my best in a while. However, one member of the paranoid schizophrenic who has fr... places. Si... he known as P.S. fo... fantasy and reality I have been with (ax) try being... matter... wants to see... Inside... self. Also, my promise is go... only, so here is a warning: if the P.S. EVER does anything else that is worthy of note, there will be no mercy. Period.

Anyone who wondered why there were splotches pasted over my Inside World have the P.S. to thank. [261 words edited away]

Well, Prefrosh Weekend is over with. Many female prefrosh (according to various reports) have no intention of coming here in the fall, but came for the free trip to California. Oh, well, at least it spiced things up here for one weekend. The ratio in Alley 4 alone was 11 women:3 men.

And they said it couldn't be done. The CS Party Triple has now totally fragmented into its component parts: Huey, Dewey, and Louie.

This weekend's social events are the Huntington Library Trip on Saturday, and the RA Barbecue and Frosh Jai-Alai Tournament on Sunday. Will Erin be able to beat this year's champion? And more importantly, does Erin still have the five-dollar prize?

And now, to answer all your questions, here's this week's feature: Ask Uncle Dave!

Dear Uncle Dave:

How do I get a double as a single?

--Confused and Cramped

Dear Confused and Cramped:

There are four methods that have been proven effective. First, there's the Golda Bernstein method: intimidate a person with a higher roompick into switching rooms with you. The Ami Choksi method involves convincing your roommate to live with someone else. There's always the method where you convince someone to flame out. However, my personal favorite is inspiring dissension among the current occupants of a double.

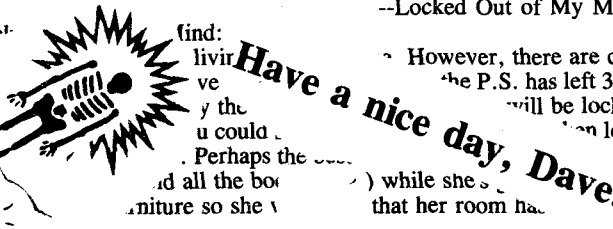
Dear Uncle Dave:

Why can't I get in 317 S. Holliston?

--Locked Out of My Mind

Dear Lock-

find: livir However, there are cer-  
 ve the P.S. has left 317,  
 y the will be locked  
 u could on lock  
 Perhaps the  
 and all the bo ) while she  
 niture so she that her room ha.  
 sacke.



Dear Uncle Dave:

Dabney suffers from MAIL-GLOMMING. Every afternoon, people gather around and literally glom the mail. They'll spend five minutes sorting the letters into the boxes, and then stand around for another fifteen to twenty minutes inspecting and shaking each of the larger packages, even though the packages aren't addressed to them. I'm not going to name names, but these people are bare SCHELLS of human beings, with personalities of WOOD. These people should be told to get some lives for themselves and leave our mail alone. Don't you agree?

--Mail Hormones

Dear Mail Hormones:

Yes, I think these people should get lives of their own. But I also think you should get a life of your own. I mean, how do you know they do this? Because you, too, have been glomming the mailbox (and spying on other people, which I find totally unacceptable). So get a life!

Dear Uncle Dave:

What is all the noise coming out of 360.1 at night?

--Tossing and Turning

Dear Tossing and Turning:

If you can't figure it out, you really have been at Tech too long. Two hints for you, though. 1) You're not the only one tossing and turning. 2) Tom Tucker comes with room 1. (Or should the "with" be "in" and should I have spelled "come" differently?)

Dear Uncle Dave:

I played softball last weekend, and I was wondering how to get the grass stains out of my bright red shorts.

--Perplexed and Dirty

Dear Perplexed and Dirty:

What are you, some kind of Fascist? Only Phlegms wear bright red shorts! Take the grass stain as a sign from God and immediately dye your shorts Dabney green.

Dear Uncle Dave:

I was wondering how I could improve my roompick this fall. Do you take American Express?

--The Q Box

Dear Q Box:

I can't believe what you are insinuating! Are you implying that I would violate all (one of) the tenets of the Honor System for plastic? Why, that would make a travesty of the roompick and of my position. However, during the hectic shuffle that accompanies card draws, it is possible that certain cards could be misplaced, leaving only certain cards in the deck from which to choose. However, scientific experiments have shown that this sort of strange phenomena only occurs in the presence of cash.

Dear Uncle Dave:

Why did you sell out your principles about uncensored, tactless Inside Worlds?

--David's Alter Ego

Dear DAE:

Because RAs can do big favors.

--Uncle Dave

## Cinematex Times Two

This weekend Cinematex will feature two very different foreign films. On Saturday, April 22nd at 2 and 7 pm, French director Marcel Carne's 1945 film *Children of Paradise* will be screened. Set in the theater district of 19th century Paris, this romantic epic holds a revered place in the French cinema, repeatedly voted by critics as the greatest French film ever made. Conceiving the film in the spirit of French novelists Hugo and Balzac, Carne focuses on the loves and ambitions of a group of actors who eventually achieve fame, but never the happiness they so desperately seek. In the process of developing the story, Carne explores in depth the relationship between life and the arts of drama, literature, music and design.

On Sunday, April 23rd at 2, 7 and 10 pm, Japanese director Juzo Itami's 1984 film *The Funeral* will be screened. This first film by the director of *Tampopo* signals the arrival of a major new satiric talent. The central character is Wabisuke, an actor whose father-in-law suffers an unexpected fatal attack. Wabisuke and his family proceed to endure the three-day adventure of a traditional Japanese Buddhist funeral: The family dutifully watches a videocassette on "the ABCs of funerals"; the priest arrives in an ostentatious Rolls Royce; the children fidget; the women get a giggling attack during the sermon. . . Although the film's insights are frequently hilarious, its concerns are not trivial: the ambivalent relationship of modern Japan to its traditional past and the question of how we all confront our mortality are quite disturbingly explored.

Both films will be shown in Baxter Lecture Hall. Admission is \$1.50 for everyone.

## Pasadena Women's Conference

On Saturday, April 22nd, Pasadena's 12th Annual Women's Conference will take place at the Pasadena Center Conference Building, 300 E. Green. The conference, which includes speakers and workshops (such diverse topics as "Human Sexuality" and "How to Care for Your Car") costs \$10.00 general admission, but only \$3 for students. Registration at the conference is from 9:30 to 8:30 am. Workshops begin at 9:15 am, and the proceedings finish up by 4:30 pm.

## The Red Door Café

We now have evening hours on Monday-Thursday, 7:00-10:00 pm. Stop by for cappuccino, 12 kinds of fruit juices, and home baking by Pat Robb! We're also open Monday-Friday, 2:30-5:30 pm.

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### Software Engineer

Entry-level position for development of design automation modules and utilities programs for use in design system. Platforms include Sun, PC, VAX, Daisy, and Mentor. Familiarity with design automation software and methodologies preferred. BSEE required, MSEE preferred.

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### CPU Design Engineers

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Develop highly-advanced CMOS circuitry for our VLSI products. Should have at least 4 years experience in MOS/CMOS circuit design of memory or logic products.

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# what goes on

# scholarships

**Submit announcements for What Goes On The Back Page** on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Indicate the date(s) the announcement must run. Announcements for the current issue must be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

**Play With Money**

The Caltech Student Investment Fund meets every Wednesday in Millikan Board Room at 5 pm. We have over \$140,000 we use to buy and sell stocks and bonds. Profits buy pizza and soda for every meeting, and pay for dinner at year's end.

**Polish Workshop**

The Polish Language Workshop offers the opportunity to learn or review Polish in a friendly, relaxed atmosphere. It meets Thursdays from 7:30-9:30 pm in 210 Thomas September through June.

**Children's Center Raffle**

The Children's Center at Caltech will hold its 9th annual spring fundraiser raffle on May 5 (Friday) at 5:00 pm at the Center (293 S. Chester). Tax deductible raffle tickets are \$2.50 and can be purchased on the Olive Walk on Fridays, April 21, 28 and May 5, from 11:30 am to 1:30 pm. Prizes include airline flights and gift certificates for dining, theater and entertainment.

**Sports Day**

All students, faculty and staff are invited to participate in Sports Day, which will be held on Sunday, May 7. Informal sporting events such as soccer, basketball, ultimate frisbee and much, much more will be scheduled to begin at noon and continue until 4:00 pm. The central event of the day will be a buffet luncheon in front of the gym. Please feel free to come for this social event even if you don't participate in the sports.

**Western Americana Show**

The SAC has discount tickets for the Great Western Fair's International Wild West Americana Show, May 5, 6, 7. The Fall show date is scheduled for November 3, 4, 5. The show features wild west themes: rough riding cowboys, civil war association, knife artisans and more. For discount tickets and more information come to SAC 64 or 38.

**Graduate Student Housing**

Graduate Student Housing applications for the 1989-90 contract period are now available from the Housing Office. Residents of the Catalina Complex and the On-Campus Graduate Houses will receive their applications in the mail. Other interested Graduate Students should stop by the Housing Office before May 8 to pick up an application form, or call x6178 to request that one be sent to you. Deadline to return housing applications to the Housing Office to be included in the Graduate Student housing lottery is Monday, May 8, 1989.

**Science, Ethics and Policy**

On Wednesday, April 26 at noon in the Judy Library, Baxter Hall, professor Ronald Steel of USC will speak on the subject of "NATO: Between New Weapons and The New Politics". Bring your brown bag lunches.

**1989 Camp U.C.C.'s**

The Deans are interested in hearing from you if you would like to attend Freshman Camp as a U.C.C., and have not already been chosen. Submit a brief written description of your unique qualifications (campus activities and why you want to go) to the Deans' Office (102 Parsons-Gates) by Monday, April 24th. We hope, with your help, to add to the diversity of the Camp experience for freshmen.

**S.P.E.C.T.R.E. Falls Out**

Once Upon A Time, The Girl Who Was Death, drove Hammer Into Anvil, and there was a great Fall(ing) Out. S.P.E.C.T.R.E., the Caltech Science Fiction Club, will be having its first ever "Full Moon" movie festival on Saturday, 22 April 1989. The location is at Catalina II reekroom (Grad Housing, building 17 or 18 or something on the map) and we will be starting promptly at 7:00 pm!!! (ST:TNG is a repeat so we will skip it.) We will be finishing off the remaining episodes (14, 15, 16 and 17) of *The Prisoner*; "Hammer Into Anvil," "The Girl Who Was Death," "Once Upon A Time," and "Fall Out." Afterwards we may watch an episode of *Secret Agent* or Season 25 (Sylvester McCoy) of *Dr. Who* depending on interest. Further info: Eric C. Johnson at 578-9364.

**It's Here!!**

Today is the big day! The Health Center will be hosting the 1st Annual Campus Health Fair from 12 noon to 4:00 pm. There will be music, food and lots of informational booths. Plan to take a few minutes visiting and getting informed. We'll see you at the Winnett Lounge and Patio. Bring a friend!

**Film Series: Rosa Luxemburg**

The Caltech Film Program will continue its Woman Biography series with a screening of Margarethe von Trotta's *Rosa Luxemburg* on Monday, April 24th at 7:30 pm in Baxter Lecture Hall.

The subject of the film is the legendary leftist leader popularly known as "Red Rosa," whose extraordinary, active life involved her in most of the major movements of the early 20th-century radicalism, including the rise of socialism and labor unions, the 1905 Revolution, pacifist opposition to WWI, and the ill-fated German Spartacist uprising of 1918. Director von Trotta's film compassed a sweeping, richly-detailed panorama of a turbulent era in European history, against which are played Rosa's political battles (which pitted her as often against her more timid comrades as against the reactionary establishment), her love affairs, her fiery speeches, her frequent imprisonments, and her brutal murder at the hands of proto-Nazi German militarists. Barbara Sukowa won the Best Actress prize at Cannes for her portrayal of Rosa.

Admission is free and everyone is welcome. An informal discussion will follow the screening for those interested.

**Come and Dance**

with the Ballroom Dance Class every Monday, starting May 1, in Dabney Lounge from 4:30 to 5:30 pm. Learn the Waltz, Foxtrot, and the Swing! Signup in the Y.

**Benefit Book Fair**

The Annual Friends of the Caltech Libraries (FOCAL) Book Fair to benefit all Caltech libraries is scheduled from 8:30 am to 2:30 pm on Friday, April 28 in Dabney Hall Lounge. The fair is open to the public and will offer wide selection of books, with topics ranging from popular fiction to science and history.

Most publications will be available for purchase at the following prices: hardbacks - \$1; paperbacks - 50c; magazines - 10c. Some exceptional books will be offered for sale at higher prices.

**Summer Housing Sign-Ups**

Sign-up sheets for on-campus summer housing will be posted on the Master's Office door beginning May 17, 5:00 pm. Students wishing to live off-campus, in unaffiliated housing, must sign-up at the Master's Office beginning May 23rd. Houses will be notified when summer contracts are available.

**May Day Women's Picnic**

Meet other women at Caltech at an informal picnic in Dabney Garden on Monday, May 1 at noon. Bring a bag lunch and blanket. This is the first of a series of monthly women's events to encourage socializing among Caltech's women's community.

**Turkish Classical Music**

A special concert of Turkish classical music will be presented in Dabney Hall on Tuesday, May 2 at 8 pm. The concert is free to the Caltech community, and will feature both a distinguished Turkish quartet and a free dessert. A limited number of seats are available, so call The Y today at 356-6163 to reserve a seat.

**Embossing Lessons**

Planet 10, at 79 N. Raymond Ave. on Old Town Pasadena, is offering free lessons in embossing with rubber stamps. Basically, it's a technique for doing fancy printing very cheaply, with special rubber stamp applications ranging from custom personal business and greeting cards to very custom T-shirts. The free lessons are on Sunday, April 23, from noon to 5 pm.

**Don Shepard Fun Fund Winners**

The list of Don Shepard Fun Fund winners is posted on the bulletin board inn front of the MOSH office. If you are one of the winners be sure to get PRIOR APPROVAL from the MOSH office before using the fund. Also, remember that it must be used during 3rd term. There are 21 students on the waiting list so we ask that you please let us know if you will not be able to use it.

**May Day Mayhem**

The Caltech Medieval Renaissance Society will be holding its fourth annual May Day Tourney on Saturday, April 29th in Tournament Park (south of California Blvd. and the athletic fields). Events will include fighting, Maypole dancing, and various contests including "body looting" hat-tossing (medieval frisbees!). The evening's events will include a pot-luck banquet and revel at Dabney Hall, with music and dancing (dances will be taught). Come enjoy the spirit of the Middle Ages as they should have been. Please come in medieval or renaissance clothing (call to borrow some if you don't own any!) For more info contact Amy Carpenter (449-4391) or William Cesarotti (577-5655).

**Caltech Merit Awards**

Each year the Scholarships and Financial Aid Committee awards a number of Merit Awards to the most academically talented of the Institute's Freshmen, Sophomores and Juniors. Merit Awards are based on outstanding scholastic achievement as demonstrated by exceptional performance in formal classes and/or in independent research, and not on financial need. Last year the Committee recommended 41 Merit Awards at \$9,000 or \$11,600 each. This year Awards will range from \$9,700 to \$12,300 each.

Applications are available in the Financial Aid Office at 515 S. Wilson. The deadline for submitting completed applications to the Financial Aid Office is May 12, 1989.

**Software Scholarships**

Green Hills Software, Inc. is funding seven one-year \$5,000 Computer Science Scholarships. These scholarships are to be awarded to juniors and seniors with an interest or experience in computer science. To be considered, applicants must have completed a 1989-90 financial aid application and provided all necessary documents. For more information and/or a separate Green Hills Scholarship application please contact the Financial Aid Office at 515 S. Wilson. The deadline for submitting the application is May 8, 1989.

**Rotary Foundation Scholarships**

The purpose of Rotary Foundation Scholarships is to further international understanding and friendly relations among peoples of different countries. Both men and women may apply for one of the five types of Foundation Scholarships to complete one academic year of study or training in another country where Rotary clubs are located. If interested, stop by the Career Development Center, 08 Parsons-Gates, for more information on terms of the scholarship and application procedures.

**E.T. Bell Competition**

Juniors and seniors interested in fame, fortune and glamour should find a faculty sponsor and submit an entry to the E.T. Bell Undergraduate Mathematics Research Contest. Entries are due by the end of the 4th week of third term.

**Morgan Ward Prize**

The Morgan Ward prize is open to all Caltech freshmen and sophomores. Entries should consist of a problem and a solution or significant progress towards a solution. Entries may be submitted by an individual or a group of students, and each student is limited to no more than three entries. All entries are due the fourth week of third term.

**Student Film Awards**

NISSAN is sponsoring the Thirteenth Annual Student Film Awards. Awards range from \$4,500 in Narrative, Documentary, Animated/Experimental Films to smaller awards for other film related topics. Competition deadline is April 28, 1989. Get a complete set of rules from the Humanities Department or at rooms 38 and 64 of the SAC. Otherwise, write to: FOCUS, 10 E. 34th St., New York, NY 10016; or phone (212) 779-0404.

**Scholarships On Parade**

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

*The National Roofing Foundation* is offering a \$4000 scholarship for full-time students enrolled in architecture, engineering, or other curriculum related to the roofing industry. Applications and information are available by contacting Aimee Anderson, Scholarship Coordinator, National Roofing Foundation, One O'Hare Centre, 6250 River Road, Rosemont, Illinois 60018.

*The American Petroleum Institute* will grant scholarships to students with permanent residency in Kern County. The awards are to be used to further studies related to the petroleum industry. For more information, contact the Financial Aid Office. The deadline for applications is May 8.

*The National Italian American Foundation* is offering various scholarship opportunities to assist Italian American undergraduate or graduate students. Deadlines vary through May.

Applications for the 1989 Japanese Government (*Monbusho*) Scholarship for third year American students (U.S. citizens) specializing in Japanese studies are currently available at the Consulate General of Japan. For more information, contact the Financial Aid Office. The deadline for applications is May 5.

*The Automobile Hall of Fame* is committed to contributing to the welfare of the industry by providing assistance to graduating students interested in a career in the automotive industry. Two programs, the Outstanding Scholars Program and the Hall of Fame Resume Bank, are designed to attract promising students. The deadline is May 31.

**Need Financial Aid?**

All undergraduates applying for student financial aid are reminded that the priority deadline for submitting documents in support of 1989-90 aid applications is May 1, 1989. Applications will be reviewed as completed. Please contact the Financial Aid Office with any questions.

**Ebell Scholarships**

The Ebell of Los Angeles Scholarship awards up to \$2,000 paid in monthly checks, September through June. A few general requirements are that the applicant attend an approved college or university in Los Angeles County, the applicant's home residence must be in Los Angeles County, and the applicant maintain a 3.25 GPA. For more information on requirements contact the Financial Aid Office. Application and recommendations are due in the Financial Aid Office, May 19, 1989.

**Water Fellowships**

The American Water Foundation is seeking applicants for fellowships. Undergraduate and graduate students enrolled in a degree program such as civil or agricultural engineering, agriculture, geology, law, economics, or political science are eligible to apply. The deadline is May 31. For applications, contact the Financial Aid Office.

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