

John Wayne was a fag.
The hell he was!
It's true I installed two-way mirrors in
his Brentwood pad and he came to the
door wearing a dress.

Mark: I'm taking my invitations to Poly,
where are you taking yours?
Paul: I think I'll go to Muir.
Scott: Forget the high schoolers, North
Hollywood for me!

Page ~~Wants~~ Gets Combos

by Hoa Ngo

Last Wednesday, the long awaited combination locks began being installed in Page House, not to mention Braun and Marks Houses undergraduate rooms. Page's long battle to obtain the locks ended up not only benefitting them but also the other residences so unfortunate as to have been passed over for combos. Bappa Mukherji, Page Vice-President, bureaucratic warrior, and one of the persons chiefly responsible for the locks being installed, could not be reached for comment. He's probably out battling other injustices.

The need for the combos was first noticed when the residents of Page House experienced a rash of burglaries, many of them in locked rooms. The fact that Page was the only one of the seven resident houses still waiting to get their combos had always been somewhat of a festering problem, but with the recent crime its detrimental effects

attested to Page's true need for them.

Another hero of the bureaucratic battle to get locks was Page's president, Todd Schamberger. In an act of non-violent civil disobedience that would've made Henry David Thoreau and Martin Luther King, Jr. proud, Todd dismantled Page's supposedly "indispensable" fire doors and took them to an undisclosed location. He then gave an ultimatum that the doors would not return until the housing department agreed to install combos. True to his word, the doors went back in the Tuesday before the beginning of the installation of the locks.

So as it is now, Page residents calmly await their locks, still not fully recovered from the shock of the recent crimes. The long-term effects on residents' wallets and mental make-up may fade in time, but we can only hope. Maybe Page residents can rest well in the knowledge that their plight has assured that all future residents are safe from the criminal element.

Interhouse Security

by Shane Sauby

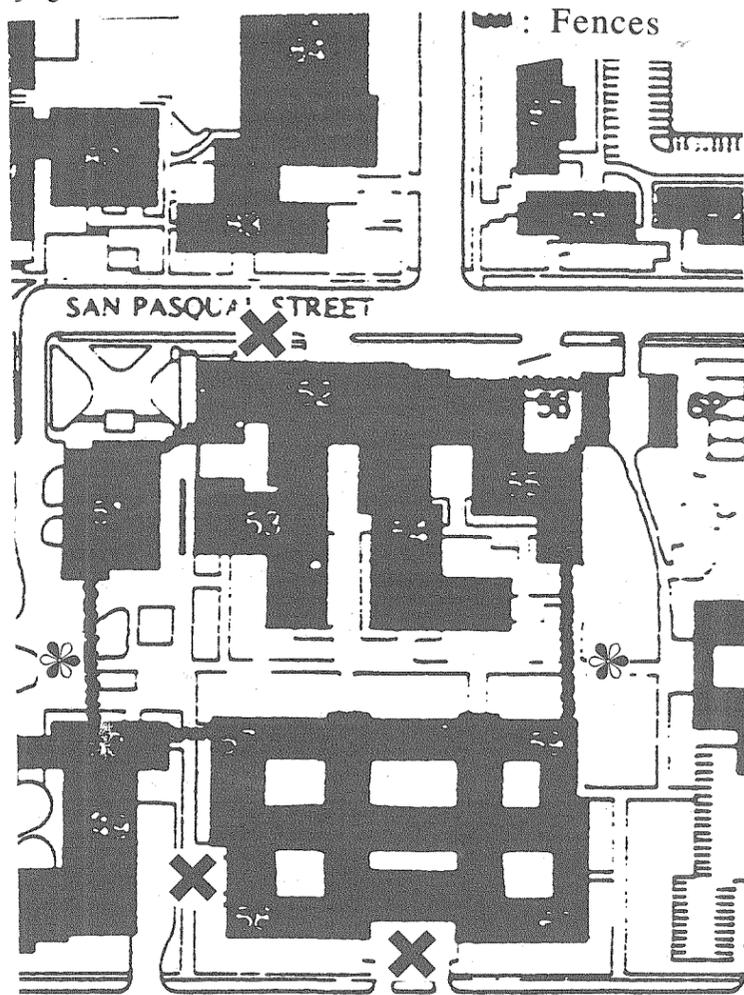
While everyone was wondering what the different themes for each house were going to be for interhouse, the administration had come up with its own theme: Control. This year Interhouse will be a controlled Interhouse.

The main part of the control over Interhouse this year is The Fence. Starting Thursday, fences will start sprouting out of the ground on the east side of campus. There will be a fence running from Page to Winnett, then from Winnett to Firestone to Fleming across the Orange Walk. Then from the side of Ricketts, across the Olive Walk, to Ruddock there will be more fence, and finally, there will be a fence connecting Ruddock to the Housing Office in two places. There will only be two openings in these fences, so that the people who enter can be checked by security. One opening will be in front of the Athenaeum, where the fence crosses the Olive Walk, and the other will be in front of Winnett, in the fence that connects it to Firestone. There will be at least two security guards at each entrance, along with an undergraduate volunteer spotter. Also, there will be roving security in certain areas to prevent people from climbing the fences to enter.

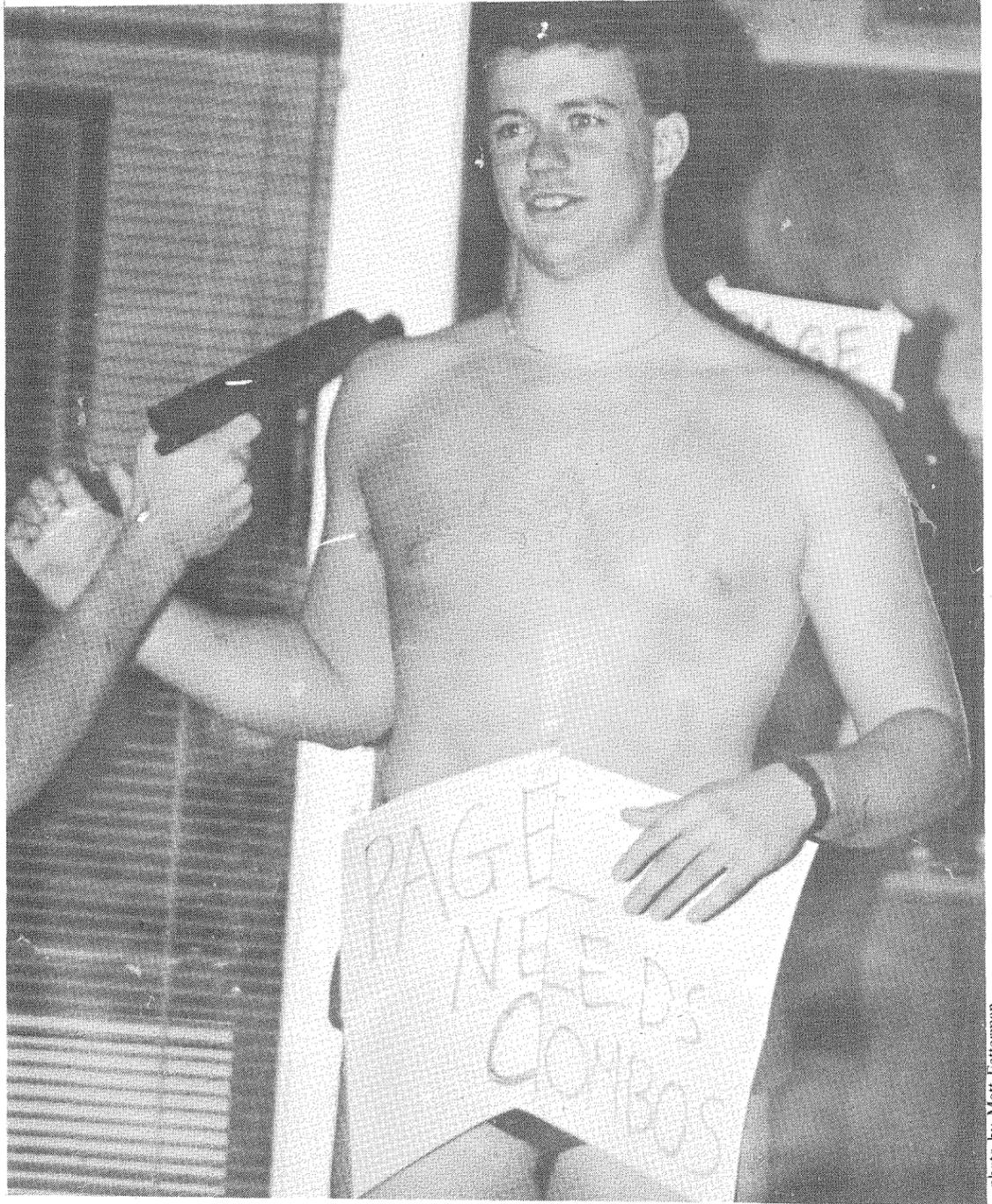
All other exits will be locked, including the loading zone on California Boulevard. There will be Manned Emergency Exits (MEEs) in Fleming, the loading zone, and Page, where entrances will be locked, but security will be present to unlock the doors in case of emergency. Along with these security guards, there will be one present at every bar in each house in case of disturbances. They will be there to help if needed, not to get in the way of Interhouse celebrations. In all, there will be over twenty security guards working, wither roaming the campus or working at checkpoints. If there is an emergency, extra officers will be in Winnett, along with emergency medical assistance. And if there is an emergency that requires the Pasadena Police or Paramedics, remember 911.

Harold Ginder, Chief of Security,

explained that all of this is to prevent those incidents that have happened in the past due to uncontrolled attendance. Interhouse used to be something that the professors would bring their families to, that people would come to see what those crazy Tech people were up to this year. Recently though, there have been incidents of fights, drunkenness, and many complaints from the nearby neighborhoods. The administration is betting over \$10,000, which is how much this plan cost, that this Interhouse will be the first in a line leading back to the time when Interhouse was a place for families and not for gangs.



Guide to Interhouse Security



Fred Sloneker was instrumental in making Page's non-violent campaign for combination locks a success.

photo by Matt Fetterman

X: MEE's
* : Gates

- - - : Fences

Crime and Incident Beat

- 11-7 10:00 A 40-pound pig was stolen from the Chandler loading dock during a ten-minute period during which it was left unattended.
- 11-8 Unlocked front and rear wheels from a bike parked near Lloyd House were stolen. The frame had been locked.
- 11-9 Five textbooks were stolen from a Thomas Lab office. The occupants left the door unlocked and were in and out during the day.
- 11-9 A student residence on East Del Mar was broken into. The Victim returned to a ransacked bedroom where he found dresser drawers upturned. Several items were taken, including stereo equipment. The burglar gained access to the house through a broken window on which he apparently cut himself. The Pasadena Police dusted for fingerprints and took samples of blood.
- 11-10 Rifle equipment and jewelry was stolen from a Del Mar residence. The burglar gained access by breaking the front-door glass, who left blood on the curtain near that entrance. The Pasadena Police dusted for fingerprints.
- 11-10 A leaf blower was stolen from a Grounds Equipment Shop cabinet. The key had been left in the cabinet's lock.
- 11-11 The Ten-Jin statue in the Dabney gardens was vandalized between 07:00 and 07:15 the next day. The rider was removed from the water buffalo and was on the ground.
- 11-12 Graffiti in the Spalding Lab elevator was noticed and reported.
- 11-12 A wheel was taken from a bike locked near Ricketts House.
- 11-13 A bike locked with a cable was stolen from a Kerchoff rack.
- 11-14 20:50 In the West Wilson parking lot an observer noticed a suspect breaking into a student's car. The witness yelled at the suspect who ran towards the Catalina exit of the lot. A second witness stated she saw a vehicle with two occupants leaving the lot at a high rate of speed. The victim's car had its radio/cassette player stolen.

Total dollar value lost for 11-9 to 11-14: \$5985.

Letters

Letters Concerning Sexism Problem at Caltech

To the Editors:

Nearly a month ago, a party within an undergraduate House violated the norms of acceptable public behavior. The shocks and aftershocks of this incident are still reverberating throughout Caltech, producing a veritable crisis atmosphere within our generally apathetic campus community. Both administration and students are expressing genuine concerns about a variety of issues; it is essential to understand which issues are relevant and how the community as a whole can successfully deal with them.

Although women have attended Caltech since before the birth of many of the current students, many sexist attitudes remain because of both social inertia and the warped ratio. When working to change these attitudes and related behavior, specific events should only be denounced as sexist or harmful when the evidence leaves no reasonable doubt. Otherwise, such declarations or blanket statements can only further exacerbate the situation. Administrators in particular should be especially cautious about their actions because of the power they wield.

Unfortunately, many members of the community are allowing their personal outrage at the situation to overcome their reason. Undergraduates, perceiving a potential threat to their lifestyle, have resorted to private attacks on the character of certain administrative officials. Graduates, acting on rumor and out of valid concern for younger fellow students, have denounced the House party as sexist despite direct statements to the contrary by witnesses and participants of both sexes. The administration, responding both to a fear of litigation and in recognition of their expanded responsibilities in these conservative times, has issued *de facto* rules on student behavior from nudity to purity tests.

Perhaps the worst result of this situation is the breakdown of trust and communication between the administration and the students. In the past, administrators were respected for their experience; now they are feared for their power. One administrator, commenting on the extreme difference between proposed faculty and student response to the initial incident, stated that it was simply impossible to negotiate under such circumstances. Ninety-nine years of Caltech history and tradition demonstrate convincingly that this is not the case.

The best way to deal with such situations is to talk about them before acting. Decisions handed down from above, regardless of their potential validity, tend to be rejected because of the perceived transgression into students' private lives and the Honor System. As a scientific institution, Caltech depends on the free exchange of information and opinions. When presented with an unquestionably sexist or otherwise inappropriate situation, members of the Caltech community are bound by the Honor System, as well as their own personal honor codes, to act. Students and administrators must work together to determine the problems in our community and solve them bilaterally.

-Harold Zatz
Senior, CS/Chem

We believe that the recent party at an undergraduate House involving public sex and numerous participants, including freshmen, is an extreme manifestation of a wider campus problem that needs to be addressed. The purpose of this letter is not to define the incident, nor is it aimed at this single event. We wish to convey a sense of how this event and others fall into the context of social responsibility and the honor code. We would also like to address subtle, yet pervasive, attitudes toward women at all levels on campus and discuss how day to day gender inequities can lead to an uncomfortable working environment, and contribute to the possibility of incidents such as this one.

At Caltech, each of us hopes to find a congenial atmosphere to work and live, an atmosphere in which we are treated with dignity and honesty. The honor code expresses these sentiments by stating that members of the community will not take unfair advantage of each other. While it seems inevitable that in the freedom away from home some undergraduates will experiment with alcohol, sex or drugs, it is against the spirit of the honor code to force exposure to these "experiments" on other people who may have no desire to see or participate in them.

Women come into this predominantly male environment as minorities. Consequently there exists enormous pressure on them to be "accepted" in a setting in which the norms have previously been defined by males. A similar peer pressure is placed on male students to show their "masculinity". This pressure invariably raises issues involving sexuality. An environment that implies that to be accepted one must be sexually active interferes with the ability of young students to make responsible, informed, thoughtful decisions about whether they wish to become sexually active, at what time, and with whom.

In this context, social responsibility does not simply mean no public sex; it also means no pornographic movies in dorm lounges, no strippers in group lunchrooms, no sexual computer graphics on terminals that are not in your private room, no inflicted "purity" tests, no unwanted nicknames with sexual connotations. Social responsibility does not necessarily place limits on individual freedom; we all have private spaces in which to experiment without needlessly forcing others to confront situations that are upsetting to them. Unfortunately, the party at the undergraduate house is not an isolated incident, and is indicative of the pressures on women throughout the campus at every level. Caltech was once a male preserve and many behaviors and attitudes remain. They range from the obvious, such as the public display of pornographic materials; to the subtle, such as the expectation that women be constantly cheerful or emotionally supportive to men. We often ignore these behaviors, because they are so small as individual acts and still so pervasive that it is difficult to speak about them effectively. They are regarded as "normal", but they have a cumulative effect that places pressure on women to conform to roles they may not wish to play and interferes with their ability to work effectively or to be leaders. This pressure is not paralleled in the expectations held for men.

We would do well as a community to think about what might have led up to this event and to pause to review our own daily actions and comments to the women around us. Unless change is made in the campus environment as a whole, subtle discrimination that degrades the image and purpose of Caltech will continue to occur. We hope that everyone on campus will read this letter and think seriously about the issues surrounding gender on campus. We also hope that members of the Caltech community will realize the effects that individual actions can have on the campus atmosphere and the working and educational environment.

The following names are a list of members of the campus community that have read the preceding letter and then signed it to show their concern for the problems mentioned. Approximately ten people showed this letter around their circle of acquaintances on campus for two days at the beginning of this week to obtain this show of support for the gender

problems addressed in the letter. No attempt was made to reach every individual on campus, rather this list is a representative sampling.

- | | |
|---------------------|--------------------|
| Cindy Weinstein | Sharon Sjoström |
| Mac Pigman | Elliott Andrews |
| Allan Donagan | Susan Burns |
| David Hilbert | Marlyns Murray |
| Jim Woodward | Jim Beck |
| Glenn Bugos | Raul Relles |
| Linda Donnelly | Thomas K. Caughey |
| Bill Deverell | Eleanor M. Searle |
| John Sutherland | Alfredo M. Morales |
| Odessa Myles | David E. Coufal |
| Gail Peterson | Daniel Ashlock |
| Susan Davis | Lin Yan |
| Jina Morea | Edward Zukoski |
| Sheryl Cobb | Marie Levine |
| Janet Howell | Charlotte Manly |
| Kim C. Border | Eric Schell |
| P. C. Easley | Nancy Rui |
| Richard McKelvey | Ngocdiep Le |
| D. Roderick Kiewiet | Jennifer Joh |
| Annette Smith | Jessica Barnett |
| David R. Smith | Andrea Ghez |
| Scott Hamilton | Louise Sartain |
| Jeff A. Dubin | David Palmer |
| Philip Hoffman | Chris Star |
| Lance Davis | Jay Cummings |
| J. Morgan Kousser | Sharon Miller |
| Jenijoy La Belle | Richard Selesinick |
| Peter W. Fay | Tom La Tourrette |
| Eleanor Barkan | Don McGrath |
| Ron Bush | Steven T. Myers |
| R. Stowan | Richard J. Rand |
| Carl Leonard | S.G. Dvoraovski |
| Phyllis Brewster | F.E.C. Culick |
| Adiel Guinzburg | T.E. Welmers |
| Andrew Wells | Elizabeth McKenney |
| Wilfred D. Iwan | Roger Quan |
| Theresa Thalken | Eric Kelson |
| Joel W. Burdick | Daniel Montgomery |
| Kevin Otto | Pamel Shapiro |
| Susan Beatty | Daniel T. Langdale |
| Angela Shih | Paul DiConti |
| Bob McCloskey | Heidi Aspaturian |
| Jacquelyn Beard | Douglas Smith |
| Dana Young | Betsy Hatch |
| Sharon Beckenbach | Julie Hakewill |
| Allan J. Acosta | Susan Hoffmann |

and 111 more.

should not have been public. Some people were offended and hurt; this consequence threatens the well-being of the House. However, this has no relation to gender: men were offended as well as women.

It has been suggested that the students involved were not acting as adults, and consequently should not be treated as adults. It is our opinion that "acting as adults" is a completely subjective distinction; many "adults" can be accused of indiscretions. Furthermore, exploiting an individual, isolated incident entangled with strong emotions, to further an unrelated goal, is not mature behavior.

The Affirmative Action Committee raises many crucial issues. Their letter suggested that some events, such as porno movies and sexual computer graphics, should not occur within the Houses. This would supposedly not place limits on individual freedom, since we all have our own private rooms. However, few of us have VCR's, computers, or movie projectors in those rooms. A House is both a public and a private place. Our lounge is our living room; our "family" consists of eighty or so other people of both sexes. Our lounge probably witnesses fewer altercations than most other American living rooms! We live together, and we must share the VCRs and computers that exist for use by House members. It would be ridiculous to suggest that every movie shown on House equipment be to the liking of every member of the House; if someone does not wish to watch something, it is very easy to sim-

To the Editors:

The events of Saturday, October 21 carry much emotional weight for the entire Caltech community. They will certainly help to draw extra attention to the ideas expressed by the Affirmative Action Committee. However, we, the women of the House involved, feel that these events are not related to the issue of sexual discrimination discussed by their letter. Attaching an unrelated event to this issue will merely inflame the raw nerves that already exist.

We appreciate the concern other women have for our well-being. Since they were not present, they may have misunderstood the events of several weeks ago. The people involved may have shown a temporary lack of judgement, but they meant no harm to each other or to onlookers. The suggestion that those involved felt that they would not have been accepted had they refrained is preposterous; many of us were not involved, and none felt we would have been even slightly ostracized for not participating. In hindsight, the House understands that these events

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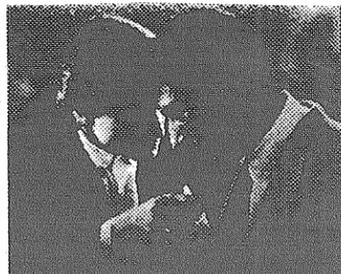
RAIN MAN

With: *Who's on First?*

Baxter Lecture Hall \$1 for ASCIT members
7:30 and 10:00 p.m. \$1.50 for others

Next Week: Thanksgiving (NO MOVIE)

Dec. 1: Honey, I Shrunk the Kids
Jan. 5 & 6: Raiders of the Lost Ark
Indiana Jones and the Last Crusade



It's Brad's fault

LETTERS—Bikeshed

ply not be present while it is being shown. This is just as true of a "pornographic" movie as it is for any other movie.

Purity tests are not "inflicted" on any members of our house. A purity test is a list of questions, generally sexual in nature, designed to give a numerical value of one's "purity." They exist for the amusement of those who wish to take them; no one is forced to do so. The ending "score" is not taken very seriously, but it is considered personal information, and cannot be revealed unless the person does so him or herself. We believe that the existence of purity tests does not constitute sexual discrimination.

Sexism does exist at Caltech. It is an important issue that should be discussed in the community. However, it is important to not be sexist when discussing sexism. For example, to imply that all men but no women enjoy pornography is both sexist and false. It would be far better if the committee spoke clearly about their experiences as graduate students, faculty and staff, instead of discussing the life of undergraduates at Caltech. Since they do not live in or interact with the student Houses, their opinions about undergraduate life are largely the result of applying their experiences as undergraduates at other schools to events that they hear about. This certainly has some merit, but unless they were actually present, they have no way of knowing what the atmosphere was really like. The effectiveness of this committee might be enhanced by the addition of undergraduate members, so that all elements of the community may work together to solve the problems of gender relations at Caltech.

- Amy E. Stern
- Elaine Lindef
- Ami Choksi
- Maggie Taylor
- Pamela Ann Abshire
- Kirsten Babbitt
- Jeannie Barrett
- Gabriela Mallén-Ornelas
- Betsy Marvit
- Peyjen Wu
- Erika Moilanen
- Rachel Schwartz
- Linda N. Maepa

Due in part to recent events, the IHC has felt the need to address an important issue in student life at Caltech, that of sexism. Recently, the IHC as a body has had discussions with the MOSH and a group of male and female undergraduates, and the IHC's various members have dealt with a number of manifestations of sexism in their respective houses.

There is, however, some concern that sexism and women's issues are not being properly addressed in the student houses. We recognize this problem, but we would also like to emphasize that

we feel that the mechanisms for change already exist within the houses; however, problems must be communicated to those individuals or institutions which cause them in order for changes to be made. It may be difficult for individuals to express themselves freely at house meetings or in public forums, but this is perhaps too large an arena in which to begin. Each house has house officers, upper class counselors (UCCs), and resident associates (RAs) to which a concern may be addressed, should the cost straightforward method of change, a direct exchange between the parties involved, fail. A common assumption is that men in their interaction with women are fully aware of any discriminatory or sexist content of their communication. While this may often be the case, to assume anything about the social awareness of the average Caltech undergraduate is to tempt fate. In short, direct, and if necessary, repeated communication is the key. This process should be backed up by the other avenues listed above and further recourse only if necessary.

These methods have already been employed this year to address a pair of fairly important issues in some of the houses. After receiving complaints, one house stopped its subscriptions to pornographic magazines, another had done so without prompting because they felt it important to be more sensitive to women's interests. In another house, one of the rules in the dining room for dinner was that three women could not sit in a row. With four or five women at each dinner, the rule was rarely challenged. This year, the increased number of women in the house felt the rule to grossly unfair, and after a short discussion of the problem with the head waiter and some of the house officers, the rule was abolished.

Changes can be and are being made within the system. With the heightened awareness of existing problems brought on by recent discussions, we can hope to bring about further change quickly and in a more comfortable environment for communication.

With this in mind, the IHC would like to re-emphasize that we hold weekly open meetings with the MOSH in the MOSH's office Monday nights at 7:30. We welcome attendance by any concerned members of the Caltech community, and particularly on this issue, as it is important that we have an informed discussion representing many viewpoints.

- The IHC
- Marty O'Brien
- Ted Rogers
- Cliff Kiser
- Jon Hamkins
- Kent Nordstrom
- Jack Prater
- Richard Reid
- David Proctor

Dear California Tech,

A topic which I am concerned about and wish to bring to the attention of the Caltech Community (as if it is not already obvious) is that of the bike theft problem on campus. The problem is a major one, and the only solution I can think of other than the formation of a lead pipe society, is the setting aside of a gate-surrounded bike area. The area would have one security guard stationed at its entrance, and Techers could leave their bikes there by handing the guard their Caltech ID and locking their bikes up. Upon return, a student would reclaim his/her ID and the bike.

Such an area, or a similar enclosed area such as a bike shed, would be greatly appreciated. USC and the Claremont Colleges have such areas, and Caltech should join the club. Since a great number of the bikes listed as stolen in the Crime Beat also are listed as having been locked up at the time of theft, it is clear that locks aren't enough to prevent theft. Besides, if the dirtbag can't steal your bike, he'll settle for snagging some of those easy-to-strip-off components which you can't lock up.

A good place to set up a bike protection area would be near the Caltech gym facilities as many Techers bike from their rooms to there, and as many bike thefts have occurred in that area. If Caltech has enough money to spend on a Centennial Float, I'm sure they can scrape up a few bucks for a bike shed.

Sincerely,

—Chris Campo

Industrial Relations News

Are science and money miscible? How well prepared are scientists to go into business? Can you start a multibillion dollar corporation even if you have trouble filling out your W-4 tax forms? Learn the answers to these questions and more by attending Dr. Robert Piccioni's business plan presentation at 7:00pm on Tuesday, November 21 in Baxter Hall. This presentation is free to Caltech students.

Dr. Piccioni is president and CEO of Microbeam. His company has developed a focused ion-beam accelerator that has multiple applications in the manufacture of electronic components. Microbeam believes that ion-beam technology is far more flexible than electron-beam, laser-beam, or X-ray technology.

This presentation is part of the Caltech/MIT Enterprise Forum. The Forum provides CEO's of emerging technology-based companies the opportunity to present their business plans to a panel of experts. There will be dinner served from 5:30 to 6:45 pm at Chandler Dining Hall. For more information, contact Alf Morales at x6076, nights, or Jeannie Sullivan at x3916.

Big Bridge Tourney Coming

by Jack Singleton

Bridge players of all skill levels are encouraged to participate in the upcoming collegiate bridge tournament on November 21 (the Tuesday before Thanksgiving) at 7:30 p.m. in Winnett Lounge. This year Caltech's chances of going to the national championships are dependent on the number of players that show up, whatever their ability, so if you've always wanted to come but were afraid because "I've never played duplicate bridge before!" or "I haven't played bridge in years!", don't worry—although the Caltech Bridge Club always encourages all players to come, this time we are begging: **free pizza and drinks** for everyone who plays. So show up, please.

On to today's hand.

North	
♠	10 7 5 3
♥	A
♦	K Q J 6 4 2
♣	9 8
West	
♠	9 8 2
♥	K 2
♦	10 9 7 5 3
♣	J 10 2
East	
♠	Q J 6 4
♥	Q J 9 6 3
♦	VOID
♣	A 6 4 3
South	
♠	A K
♥	10 8 7 5 4
♦	A 8
♣	K Q 7 5

A number of common bridge maxims will be examined today.

Maxim #1: It is almost always better to play a game in 3 NT than in 5♦ or in 5♣, because it is usually easier to collect nine tricks in a no-trump contract than 11 tricks in a suit contract.

Maxim #2: Always count your tricks. Assume, for convenience, that South declares the hand. Note

what goes on

Mechanical Universe

Watch *The Mechanical Universe* every Tuesday from 10 pm to midnight and every Thursday from 9 pm to midnight at the Y Lounge, upstairs in Winnett. Freshmen, upperclassmen, grads and faculty are welcome. Refreshments will be provided.

Nuclear Training Scholarships

The National Academy for Nuclear Training Scholarship Program is offering \$2,000 scholarships for students who will be sophomores, juniors, and seniors during the 1990-91 school year. To be eligible, a student must be a U.S. citizen, enrolled full-time, and pursuing a bachelor's degree in nuclear engineering, power generation health physics, or a nuclear/power option in such disciplines as chemical engineering, electrical engineering, or mechanical engineering. The scholarships are given on a merit basis to students who have excellent academic records as well as demonstrated interest in and potential for a career in the nuclear utility industry. For more information, contact the Financial Aid Office at 515 S. Wilson. Completed applications are due January 15, 1990 and should be submitted to Dr. Noel Corngold, Mail Code 1218-95.

Fishing For Ideas

The Fishline, a newsletter serving all Christians of the Caltech community, needs material! If you have any ideas, upcoming events, or articles that you would like to share, please submit them (Mac format, if possible) to *The Fishline*, 126-58. Also welcome are announcement by neighborhood churches, Christian groups and clubs, as well as mailing list additions. Contact Mike Nassir (578-9833) for more information.

Putnam Exams

The William Lowell Putnam Mathematical Competition will be held this year on Saturday, December 2. Please sign up quickly, in Sloan, if you wish to take it. As usual, we hope many participants will enjoy a day of math problems and donuts.

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Sat-Sun matinees 2:30 p.m.

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—Siskel & Ebert

sex, lies and videotape

Daily 5:45, 8:00, 10:10 p.m.

Sat-Sun matinees 1:30, 3:35 p.m.

CALL THEATRES FOR HOLIDAY SHOWTIMES

SPORTS

Cross Country Ends Season

by Chris Campo

To close out their 1989 cross country season, the eager Beavers made a sojourn to the surfer town of Santa Cruz. Accommodations for the techers were "nothing but the best," in the words of Coach Jim "GT-III" O'Brien. The team stayed at the luxurious Dream Inn, right on the beach, complete with pool and jacuzzi. In spite of some reckless driving of the Caltech motor pool cars by Coach "Superman" O'Brien and Al Fansome, the team arrived safely at the Dream Inn Thursday night.

The occasion for travelling to Santa Cruz was the NCAA Division III West Coast Regional Meet. The meet was held Saturday, November 11th on the sprawling agricultural fields of the UC Santa Cruz campus. Conditions were fairly hot.

The Men

The Beavers scored 169 points, putting them ahead of Cal State San Bernadino (228), Menlo (240), Whittier (incomplete), and La Verne (incomplete). Tech lost to the UC Santa Cruz Banana Slugs (166), Occidental (148), Pomona (89), Redlands (83), Claremont (50), and UCSD (28). The course included a long downhill section followed by some formidable uphill stretches, and was a loop course traversed twice, totalling 8 kilometers in length. The men were able to field only 6 runners because key team member John "I used to live in East Germany, now I'm a" Freeman was out with an injured foot. Freeman was on hand for moral support and strategic advice. ("Hey Lyttle, maul that guy!")

Finishing 21st out of 64 runners in an impressive display of tenacity and speed was Dan "My dog has" Flees. The running machine devoured the Santa Cruz course in 29:10. Next for Tech, finishing respectably but far behind "Jason and the Golden" Flees was Chris "E-brake" Campo. "I live off" Cam-



Dan Flees does awesome at the Western Regional NCAA Division III meet. po's place was 30th and he had a time of 30:16. Three spots back, at 33rd place, was Twisted Kissed Her, with a time of 30:34. Behind Twisted was freshman Dan "Sing" Lipofsky. He ran well on the course, forgetting the pain of his ankle injury to cruise to 43rd place in 31:49. At 47th with a time of 32:14 was Mark "I'm a Kenny Felix clone" Lyttle. The sixth Beaver was Jonah "And the whale" Michaud. Michaud "At the devil" was 53rd with a time of 33:40. Although Michaud succeeded in finishing the course, he is still perplexed about why Motley Crue would want to shout at the Devil.

The Women

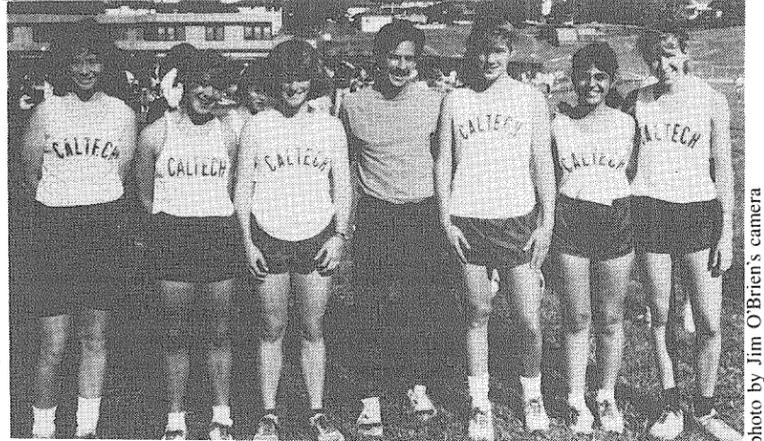
The beautiful Beaverettes were six in number, and all six of them got down and dirty on the turf of the dreaded UC Santa Cruz Banana Slugs. Tech scored 280 points, enough to defeat La Verne (296), but not enough to beat Menlo (275), Redlands (202), Mills (168), Whittier (132), UC Santa Cruz Slugs (115), Claremont (100), Occidental (94), Pomona (78), and UCSD (44).

Finishing first for Tech was Amy "The fan is someplace you don't put your" Hansen, at 47th place in the 73-runner race. Amy's time was 23:30 on the 5k course. Teammate Liz "There's a trap on the course, better" Warner ran to a time of 25:00, finishing the race in 58th place. Dedicated Aimee Smith finished at 60th in 25:10, with her teammate "Trusty" Tristy Kibbey one place behind her. Trusty Tristy's time was 25:17. Senior Ami "Chock full of enthusiasm" Choksi cruised to a time of 26:35, finishing in 64th place. "Vroom Vroom" Valerie Jacox was one spot back in 65th finishing in 26:43.

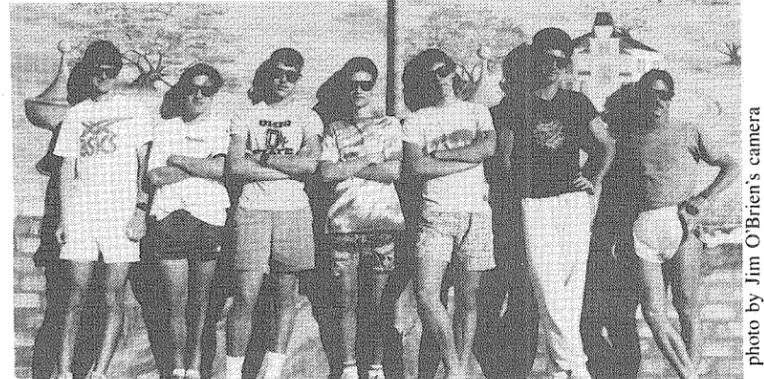
Both Liz and Ami displayed considerably more driving acumen on the trip than either Coach "I'm God" O'Brien or Captain Twisted.

What's Next

The cross country banquet is December 3rd, and if you know a cross country runner, have them invite you so you can come along. Track and Field is rapidly approaching, and you can surely find your niche there as there is, in the words of Mark "Chicken" Lyttle, "a virtual cornucopia" of events to choose from.



The Caltech Women's Cross Country team tries to look tough.



The Caltech Men's Cross Country team tries to look tough.

Intense Fencing Coach

by Masked Musketeer

Every Tuesday a psychology session takes place behind closed doors in the Caltech gym for about an hour. Curious, you open the door and get hit by: personality profiles, "Watch out for high tension and low sensitivity", arousal curves, the inner game of winning, "This is how to arouse yourself", "Just visualize winning and you will win", how to psyche yourself and your opponent ... Hey dude, what's all this? You've just stumbled on the weekly "training" period of the Caltech fencing team.

The new coach this year, Robert Randolph, who took over from George Clovis, is a firm believer in intensive training and aims for the team to be at the top: "There is no reason why a school like Caltech should not be better than a school many times its size." The problem is many Techers go in for sports for the enjoyment of playing the game itself. Many people quit the team this year when they realized that he wanted them to put fencing above all other things ("What-spend my weekends and free time doing homework ahead of

time in order to come to practice?") and when it seemed coach thought winning was everything.

The team members are divided in their attitudes towards the coach. Some like the way he is handling the team, others are strongly put off by his apparent disregard for the individual. There is no denying that he is one of the top saber fencers in the US today, though how much could be attributed to the new coach is open to question. The overall, CIT team has won 3 out of six matches against other college teams. The women's team is a full team for the first time in four years. There are lots of frosh on the team with great potential to become good fencers. Mens' saber is a very strong team, only losing two matches out of six (4-2). Women's team is doing well winning three out of six matches (3-3). Other teams' scores are: Mens' foil 1-5; Mens' epee, 2-4. Bad judging has been a problem for all the teams this year with fencing directors giving bad calls on the strip. The last game for the term is this Saturday, against four teams including Santa Barbara, UCLA and Cal State Fullerton.

Football Versus Police

by Lindee Goh

The game of the year has arrived! This Saturday, November 18, the Caltech football team plays its last game of a good season (Five wins, one loss, one tie) against the Pasadena Police. Here's some hints of what to expect at this annual event of the year, from the mouths of some of the football players themselves:

Steve Harkness: "Everyone has got to come. The L.A. Raiderettes are showing up!"

Todd Schamberger (one of the captains - the other two are Dwight

Berg and Don Thomas): "The Police are pretty cheap. They are the worst organized and least mannered team we have ever played. They play dirty! But they promised this year not to bring in ringers - firemen, postmen, semi-pro players - like the previous years."

Steve: "You probably could still look forward to some minor fighting on the field."

Todd: "The Raiderettes will be there."

Fred Sloneker: "We'll knock their dicks straight!"

Steve: "I hope to hurt a nice cop."

Fred: "The Raiderettes are coming."

Larry Cheng: "We'll see how tough they are without their guns."

Todd: "We expect to beat them soundly ... as usual."

A random passing Page Boy: "Did you hear the Raiderettes are coming?!"

The game will be at the Fox Stadium, noon. Entrance fee is one unwrapped toy. All toys will go to Toys for Tots to benefit needy kids in Pasadena.

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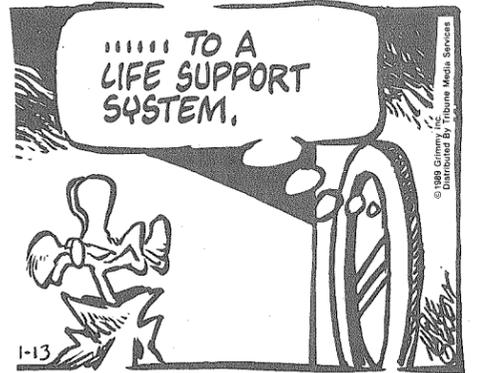
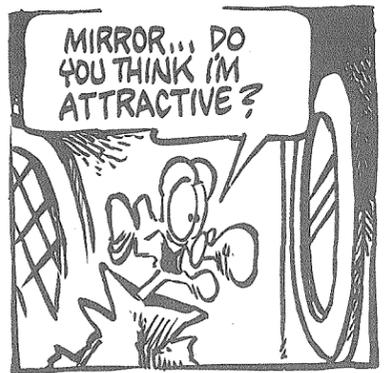
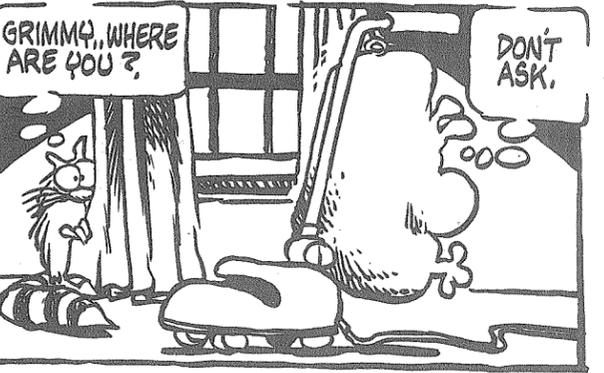
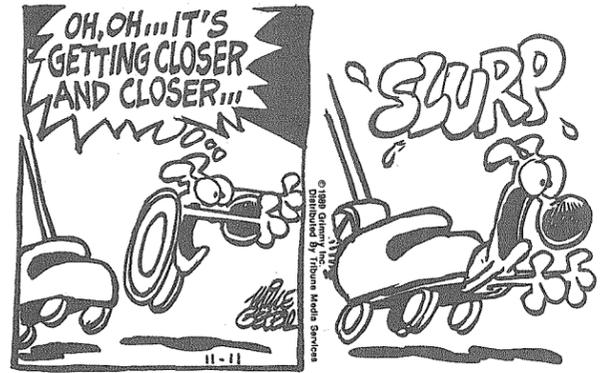
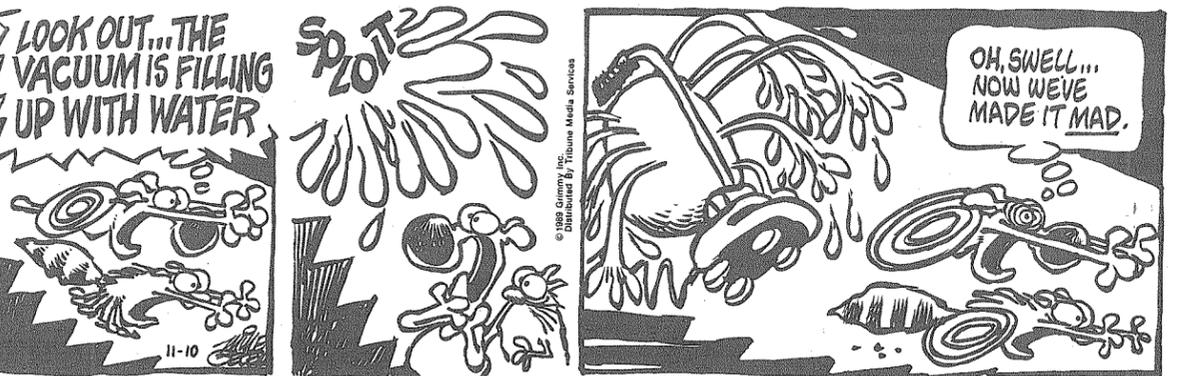
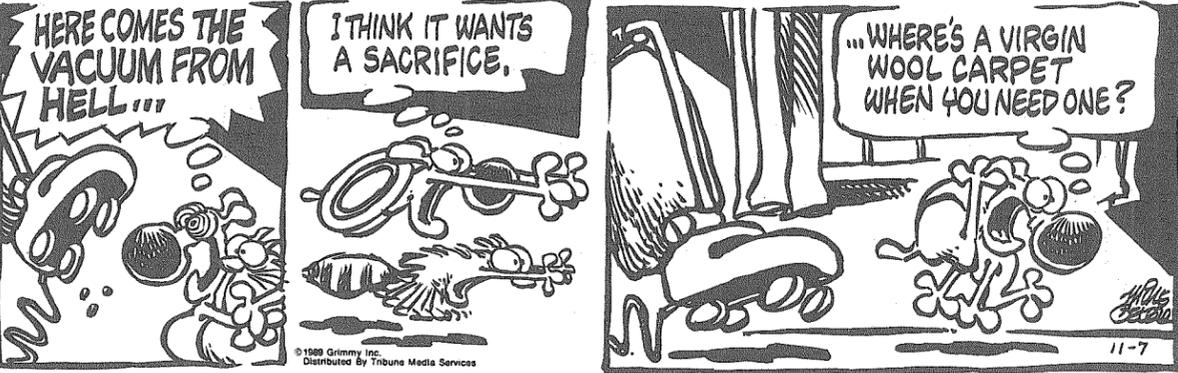
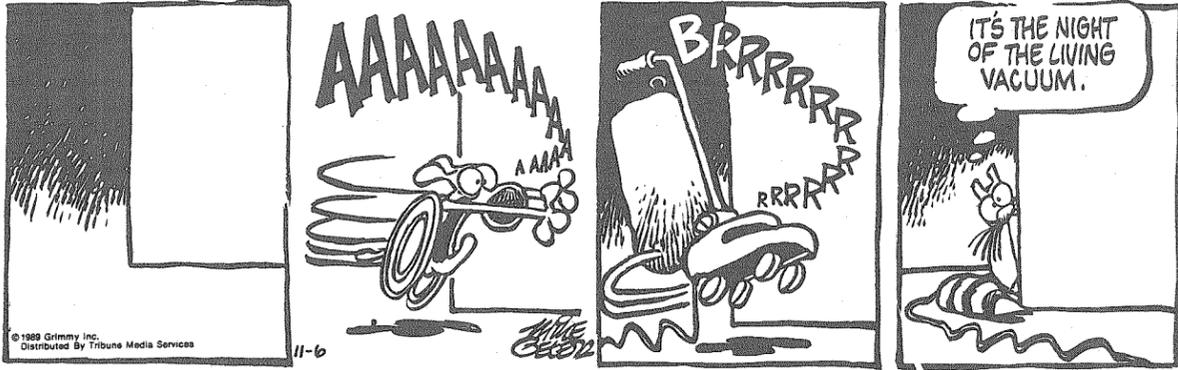
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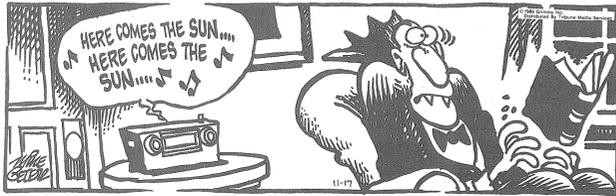
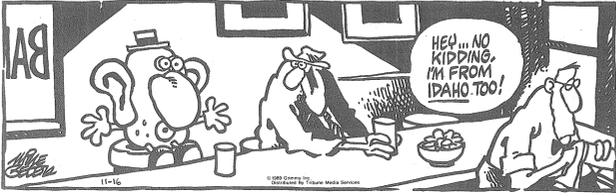
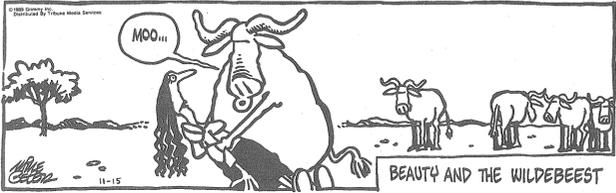
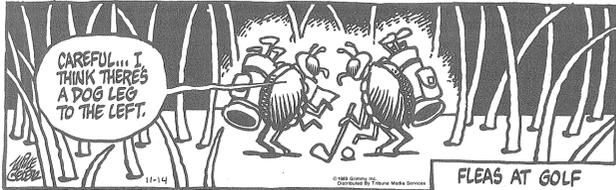
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We had a test in my ethics class today.

It wasn't like a normal test because there were no right or wrong answers.

We just write to lions.

But I didn't have a strong opinion one way or the other, so that's what I wrote down.

Today Steve said he's going to some friends' house to watch videos tonight.

They rented all the Halloween sequels. Wanna come?

Tony and his friends planned a night out too.

One of his friends was wearing a Pat Sajak mask.

This morning I was eating a bowl of cereal.

Then Steve got up and ate a bowl of cereal too.

Then Tony sat down and ate sweet barts and tootsie rolls.

I got a list of... We went or treat actually...

I have a lot of catching up to do in my French class.

But I just didn't feel like doing any of it today.

So I watched TV and bobbed a cat toy around for Mr. Peterson to play with.

(It's a cat toy Tony made with a shoelace and a rubber ball.)

Today I went to the store to buy some cottage cheese and a pear.

On my way home I saw the newspaper in one of those dispensers.

It looked like it might be kind of interesting, so I bought one.

I went home and ate my pears & cottage cheese and read the newspaper.

Today I had to catch my french work.

Even when I work really hard I still get behind so easily.

"You can't get behind on a language," Tony says. "I know—I took Spanish."

As I was working, Mr. Peterson jumped on my desk and walked across my books.

Today Steve said he needed to buy a winter coat.

I wasn't doing anything else so I went out shopping for one with him.

We went to a few stores and Steve tried on a whole bunch of coats.

He didn't like any of them and said he'd have to go looking some more later.

Today at the bookstore we unloaded boxes of books from a delivery truck.

Jean inside and the books were out of order.

She was angry, and talked to the driver, then called the distributor.

I took the long way home from work.

I was trying to memorize some french words today.

I got sick of it so I watched TV.

I told Tony I didn't like learning french.

"Are you nuts?" "Think of all the girls you could pick up speaking french!" he said.

Today I was just sitting around when the phone rang.

It was somebody who wanted to ask me some questions for a marketing survey.

I answered a question though it didn't seem very important.

When she was done she thanked me as if I'd done a great deed.

Today we got our tests back in philosophy.

After class I talked to Dean. A guy in the class.

I got a B.

He said he didn't do very well on the test.

But he said it didn't matter because he's an economics major.

Last night I washed my face in the shower.

I was washing my face in the shower.

When I was done I didn't feel like moving or drying my face off.

I just washed my face in the shower while...

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This Week's Inside World was written by:
Blacker: Noam Bernstein, Lieven Leroy and Walker Aumann
Dabney: David A. Edwards
Fleming: Kent Nordstrom, Mark Humphreys, Jessica Nichols, and Taleeetha Derrington
Lloyd: Jennifer Remine and Karen Byers
Ruddock: Matt Giger
Ricketts: Joe Dadek, Brian Chafin, Ron Markey, and Stu Wagner
Page: Rob Whiteley
Page2: Ajay Chedda
Page3: Jimmy Hu and Michael Nassir

Fleming

"Hey, Dad, will you buy me a flamethrower?"
 "Of course not. Don't be silly."
 "--Even if I promise not to use it in the house?"
 Interhouse in upon us, and speaking of false I.D., let's start off this Inside World right with a Top Ten List:
 Top Ten Laser Wavelengths, Pasta Sauces, and Czechoslovakian Beers
 10. 6328A 5. 488nm
 9. Alfredo 4. Marinara
 8. 532nm 3. 3557A
 7. 206.3A 2. 5W-30
 6. Carbonara 1. Pilsner Urquell

Well, since you all haven't had enough abouse, we are never going to buy another Coke out of the machine again (even in the extremely unlikely event that Obernolte ever got off his lazy ass and restocked it-but it's only been three weeks since it was empty; what can we expect so soon?) "What's this stuff oozing over by diet Coke? Bleah!" And speaking of LOUD, the president is not only known for his heinous taste in music: "Just how do you get her to hit that note?" [Huh? What note is that? Has something been going on in my room that I haven't been told about?--Y.F.]

And another thing, why can't Biz find a shirt that covers his damn bellybutton?! He waits dinners with his goddamn hairy gut hanging out all over the place-kind of reminiscent of Paul Brewer's butt crack. [Ugh--this is reminiscent of when Brian Hayes wrote the Inside World.--Y.F.] Why should that be okay, when it's against the rules to go in the dining room with no shoes?

At any rate: frosh--finish building Interhouse; sophomores--finish building Interhouse; juniors--finish building Interhouse, Seniors--go have a beer, you've earned a break finish building Interhouse, even though we've done most of the work already. [Everyone's a @%\$\$ ÷ critic!--Y.F.] This is the last time I let HumphWEEES help write the Inside World. At least until next week.

Just what is Upper One's (and Humphrey's) fascination with small, pointy objects? Does it have the same roots as Upper Six's fascination with Hickory Farms beef sticks? You be the judge.

That's enough for this week. Gotta get back in the water. Mahalo.

-Young Fansome, HumphWEEES& the froshette Buddies

The Inside World

Page

Slime and Incident Beat

(straight from the desk of the Associate Hellfrosh)

Economists at the Federal Reserve, worried about the jump in the money supply late last month, have been working furiously trying to figure out just what caused this phenomenon. However, there may be a bizarre twist to this turn of events. According to members of Page House, this sudden jump in the availability of the greenback was caused by one Fred Sloneker. Apparently, Fred payed his beer bill last month. This sudden release on such huge amounts of capital has the boys at the Fed running for cover. See what you did, Fred? Bad Junior. Bad, bad Junior.

November 12, 9:42 P.M. Several members of Page House mount a large scale search and rescue effort for one David "Lefty" Vaughn. At one point, he was said to have been missing for at least a week before being spotted. On the night in question, said would-be rescuers hunted for the perpetually missing "Lefty". Cries of "Where's Lefty??" rang out in the cool California night. No luck. Finally, our long lost brethren was spotted chained to a skybed in Lloyd, wearing a yellow T-shirt that said, "SEX SLAVE". Rumor has it that Dave had his ankles duct-taped to his wrists. Well, each to his own sick devices.

For out stupid quote of the decade, we turn to the ever reliable house-list. David Lande, who is of course sick of chasing after Chuck's balls, had this to say about women:

"I'm sick of women. I want to go to a school where there are no women. There are just too many women at Caltech."

Because of this comment of course. Mr. Lande has made new lifestyle arrangements. However, you can send cards and flowers to him at:

David Lande
 Bellevue Mental Hospital
 Ward 69, Room 666
 Asylum, Texas, 78745

My persona-non-grata award goes to "Hair Club" Bromley. It seems that he forgot a very simple law of the universe, namely, entropy. That is, when a body is surrounded by a medium of a different temperature, the body tends to lose or gain heat to match the temperature of its surroundings. Next time, please remember that this does indeed apply to an almost full keg of cold beer...

Believe it or not, Page House has managed to come up with yet another gambling problem. It seems as though the second floor guys have started a pool on which frosh will be injured next. After J.P.'s knee, Rob's ankle, Paquito's face, Lefty's hand (what was he doing with it?), and Ella's foot, it seems like any Page Frosh could be next. Stay tuned for the results. By the way, Nathan White is coming off at 10 to 1 for a sprained ankle...Got a couple of bucks???

After watching the Cannes Film Festival's Best Film of 1989, Macleod has come up with three sure-fired methods for picking up women:

- 1) Wear around a wedding ring.
- 2) Get an 8mm video camera.
- 3) Tell every woman you meet that you're impotent.

Speaking of impotence, and in fact of movies, does anybody know where we in Page can get Cecil Howard films subtitled in Swedish?? These of course are some of the best films ever made. On movie night in Page House, everybody comes!!! (no pun intended)

With over 170 freshman witnesses, David Goodstein, esteemed creator of "The Mechanical Universe", stumbled his way onto the Houselist here at Page with this quote:

"If it is stiff and hard to pull...then K will be large."

Ge, I've never been asked how large my "K" is before. "Hey, babe. Wanna check out my spring constant???"

Problems, problems, and more problems. Yep, it's time to give a complete run-down of Page House's current problems. Remember, Page Boys are professionals in creating and cultivating problems. Do not try this at home.

1) Gambling problem, to include poker, craps, blackjack, football pools, book-making, and loan-sharking.

2) Drinking problem. This includes the resurrected beer-fridge, beer-pong, beer-hunter, quarters, and last, but most noxious, shitty imported Mexican beer. (Get the hint, Paquito? More Molsen, much less Corona!!)

3) "Bad attitude towards women" problem. This includes movies of questionable nature, Sports Illustrated swimsuit calendars, overly-rampant male-bonding, and anything else that even mentions a woman's femininity. This problem is a special favorite of radical feminists from Hell.

4) "Disrespect for authority" problem. This problem pops up anytime Page House pisses off certain members of the administrative team.

5) Cripple problem. How many people in Page House have crutches? How many football players can still walk normally and use all of their fingers? How many Page members live in the training room and call Jaye, "mom".

6) And then there are the fringe problems: The "No combination locks" problem, the "Staying out of jail" problem, the "Tommy's sign" problem, and the "Who the hell stole out damn brooms?" problem.

Since our "No combination locks" problem is being solved this week, we in Page are going to need a new problem. Anybody with suggestions should contact the office of the MOSH, who will gladly inform us of our new problem. Thanks.

Remember, the Pasadena Police have never beaten us and are not about to start. Come watch the Batllin' Beavers smash the cops this Saturday, on our home field. And Seniors, FINISH DESIGNING INTERHOUSE!!!

-The Knob

Lloyd

Lloyd House November 15, 1989

Flash: TWO HOURS!! For most people, the task of showering takes 10 minutes or less, but for certain ath boy wimps (you know who you are, Rob) it may take TWO HOURS or more to one-man a woman (a Jenlord perhaps). Well, Rob may be pretty weak, but he's not as lame as the "coolest" Flem.

The question is: Are there really any cool Flems? Anyway, the point is the Flems had a surprise during their "Country Club" on Friday. Several Lloydies woke up early that morning to "borrow" the unfamous Fleming scoreboard. After succeeding with ease, they made the proper adjustments to the scoreboard, and, of course, graciously gave it back during Phys 1A. For those of you who missed that momentous occasion, all you need to know is that Fleming is the house where "Men eat men, the Lloydies rule the earth, and the thundering herd is veal." Meanwhile, back in Lloyd House on Tuesday night, a Frosh mysteriously disappeared after refusing to help Build Interhouse. Believing the excuse of having to do Chem 1 homework (due Friday, no less) is lame, Atulya reportedly chopped him into many little pieces.

Attention Frosh: Take the hint and Build Interhouse, or as Atulya would say "BEELT EENTEARHAUSE!!!!!!!!!!!!!!!!!!!!!!" Now back to the regularly scheduled program. Just as always, Jazzbo sticks spoons on his nose (or is it up his nose?).

Socolow acts like a warped form of Spiderman on the Ultimate field, Up-clasco fails in everything because it is the ultimate wimp organization, and Curt says "Sometimes I use a towel, sometimes I use my hand."

-Jenlord plus One



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The Inside World

Blacker

Interhouse seems to be coming along well. Several of the walls for the gerbil cages are taking shape, and we've already finished that ramp they like running up and down so much. What do you mean, your gerbil never had one of those? Every gerbil should have one of those ramps. Otherwise, they feel like they're the only gerbil in the world without one of those ramps. When this happens, they get depressed and die. You should be ashamed of yourself for not having a gerbil ramp.

We've received a thank you note from Monday night's dinner guests. They were pleased by the reception they received from the house, and wished they could have stayed longer. They especially thank the waiting staff for prompt service, and their ability to find reasonable dishes in the midst of a B.C. dinner.

Any more silly questions about what happens when you break dinner rules? And speaking of silly questions, what's the six-man lift, Pete?

Swamp, Pub, and Banzai will be closed temporarily during the construction of Interhouse. We apologize for any inconvenience this may cause, but all members of those alleys will receive three gerbils each at the end of Interhouse. As an extra bonus for Marty, who has put up with Interhouse in front of his room longer than anyone else, he will also receive one 11 foot tall gerbil from his home state of Texas. Congratulations, Marty, and keep building Interhouse.

It's not a fine class. They're not all fine classes. Why, some of my best friends dropped that class. Just because you drop 18 units at a time doesn't mean you're Flamming out. It just means you're taking things easy. Drop early. Drop everything. Drop often. Drop Day is tomorrow, frosh.

Does this mean we now get fed twice a week, or just twice as much? And will they help out with Discobolus softball this weekend? And, most importantly, how fast can he crew?

Bill's a lumberjack, and he's okay,
He sleeps all night and he works all day.

He looks for pallets, he builds Interhouse,
He goes to the lumber store.
On Wednesday he went dropping;
Now he'll be here more than four.

He cuts physics, he skips math, too.
He likes to press his luck.
He got a deal on gerbils,
Three for half a buck.

He stacks his wood, he wears flannel shirts,
Has a hammer and a saw.
He wishes he had more pallets
And he would use them all.
Help Bill build Interhouse, frosh! And when you're done with that, try out for the musical!

-Rollin', rollin', rollin'

-Juvenile

Dabney

Well, it was yet another exciting week in Dabney House, the house that doesn't know its head from its ass, or its lounge from its dining room. Why is it that Ivar can never come to Caltech without feeling compelled to move furniture? At least the current setup allows us to properly cremate BC's food. Is it just me or have they changed from scheduling one edible and one inedible entree per night to a system where two days of the week **nothing** is edible and the other three days you actually have to make a choice? Another advantage to the dining room south: all the waiters get their proper exercise, especially Rob, who unfortunately has lost so much weight that I can't kid him any more about being chubby. But of course, now when a waiter goes for food, he doesn't get back with it until the next night.

Of course, maybe there is a good reason for switching the rooms, namely the generally dingy appearance of the former lounge walls and the suspiciously smoky smell emanating from what little porous upholstery there is on the lounge furniture. Just exactly **what** went on in there, anyway? Hint: we're having a bonfire in the library Sunday.

Blacker Theatre wasn't cancelled last Thursday, though its content was subtly altered due to reasons that I'm sure will be quite well covered in other portions of this paper. Harold "Mr. Clean" Zatz made sure that the house got a dose of those good old-fashioned sure-fire party-killers, vacation slides and cartoons. Now, I guess we could watch the movies in the Raunch Librarian's room, but we can only fit about five people in the Fishbowl at a time. So what about RA Apartment Theatre? Speaking of Harold, the Desert Trip ended suddenly last weekend when Harold didn't get laid. Evidently his pick-up line of "wanna go sit behind a saguaro and watch some vacation slides" wasn't as successful as he had hoped.

Well, the Social Events of the Weekend are the Drop Day Party on Friday and Interhouse on Saturday. Why do I have a feeling that this is going to be a closely supervised weekend at Dabney House? But we do have quite an array of interesting things to drop (besides the old standbys), so things should get exciting. But keep your clothes on, eh? And, yes, we're Closed for Interhouse. Just think of how much work you could have saved yourself, frosh, if you had only picked Dabney House! Of course, it's perfectly reasonable to expect us to close for Interhouse, not only because Darbs are flakes, but also because none of the people who were supposed to work on their own Interhouse idea aren't allowed to be there (i.e., 10% of the house).

There seems to be a new addition to the rules of Hacky-Sack, the "Mags Taylor Honorary Rule": Any woman who plays Hacky-Sack without a bra may hit the hacky-sack with any part of her body that she chooses.

The Random Paragraph: The shower wars began last weekend, but not with another house—between ourselves. But I was just defending myself, honest. Besides, **no one** does that to me and gets away with it; I don't care if he is a potential house president.//Answers to the Trivia Question of the Week: Weiser, Idaho and Reneau and Duke. Why do I have a feeling that there is a spud conspiracy in Dabney House and a potato famine in the Fleming Dining Room?//Roompick, Monday, 10:30, wherever the lounge is. Come out and enjoy all the blood and gore. We're going to miss you, Alex, but a lot of people want a piece of that room. Is Alex really going to get married this time?//The brunette facial hair quotient has been preserved in the house now that Rob is growing a beard and Chris has shaved his off. Let's just hope that this diffusion of hair doesn't continue, or soon all of Golda's leg hair may migrate to Ami's legs.

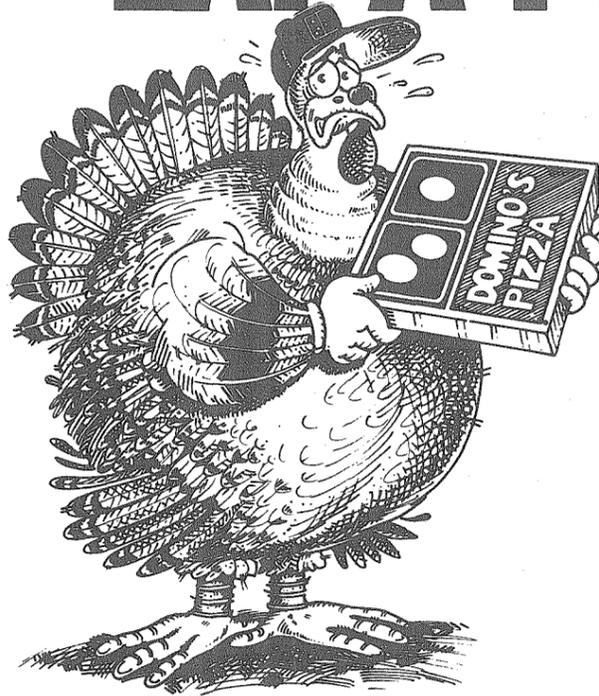
A check with various publishers in the area turned up this list of:

Dabney House Books-in-Progress

- David A. Edwards, "Relaxation Techniques"
- Dave Wood, "My Life as a Double Agent"
- Rob Hanna, "How to Swindle Your Way to Millions"
- Charlotte Manly, "My 100 Favorite Dirty Jokes"
- Chris Ulmer, "1,000 Fun Things to Do in Weiser"
- Jill Soha, "Speaking in Jellybean"
- Gaby Mallen-Ornelas, "Basic American Slang"
- Jeannie Barrett, "10 Easy Steps to Common Sense"
- Dirk Runge, "An Easy Guide to Fundamental Christian Sex"
- Riki Moilanen, "Success Through Nonverbal Communication"
- Jennifer Low, "Travel in Mexico for 5 Pesos a Day"
- Pete Wyckoff, "Beating Alcoholism on Your Own"
- Dave Stevens, "How to Stay in a Long-Term Relationship"
- Allen Kennedy, "My 100 Favorite Rocks"
- Trevor Placker, "Why Anarchy Won't Work"
- Harold Zatz, "How to Corrupt the Morals of College-Age Students"
- Elaine Lindelef, "How to Choose the Proper Cravat for a Job Interview"
- Jon Lange and Stephen Heise, "Distinguishing Yourself from People Who Look Like You"
- Carlos Salinas, "Why MacWrite Is Superior to Microsoft Word"
- Amy Stern, "10 Easy Ways to Stimulate Your Pituitary Gland"
- Brad Threatt, "The Brad Threatt Diet Plan"
- Patty Tsai, "Atheism for Daily Living"
- Golda Bernstein, "Why Cats are Better Pets than Dogs"
- Eric Schell, "Why Wall Street Doesn't Affect Our Lives"
- Ivar Knutson and Steve Anderson, "Subtle Political Techniques"

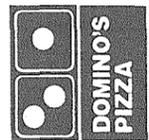
-B. "You Can Call Me Books" Darbton

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Ricketts

1. I shouldn't have but I felt like it anyway.

We wish to state that the RHIS is in no way connected with the Dabney Revolutionary Army. The views expressed herein are the opinions of the RHIS writers who are in no way influenced by the propaganda of the Dabney Revolutionary Army. This RHIS is 100% Immoral Influence free! Tom Tromey is **not** a puppet of Charles Budney!

Ricketts Hovse's official uptreader of the down staircase has noted a slight inaccuracy in last week's trivia fact: The Nazi symbol for homosexuals was an upward pointing pink triangle, which was then inverted by the gay community to change the symbol of oppression into a badge of honor. We apologize if we caused any bad grades on those WWII papers, and hope that all of the frosh wear their nifty Caltech palm shirts with pride.

Chad came out of the closet this week, a fact which prompted an extended discussion in the Lounge between him and Dinky earlier today. We hope that this observation will not be viewed in an inappropriate light.

Poker night booted serious head, though Kurth is still complaining about not using money. If Eric decides to play strip poker, Louie better not be around. Unless he wants to play too. The smoke-filled room at Eric's place was a big winner, though the wall mirror was not strategically placed for some. I think that the game continued on in the Lounge after midnight, but I was practicing my contortion exercises in front of the fire in a state of meditation, and didn't participate. (Translation: Joe was passed out in the chair upside down.) Ask Stu how to mix Coke and Beam.

Weekend update: I wasn't here so I'm getting the reports from the others. (i.e. don't blame me for these.) Joanna went off to play with the boys Saturday night and returned red-faced and tired. Not very tired though as she thereupon wandered off to Kirk's room at which point Kirk went diving. Who was that strange man that followed Julian home that night?

Further news: Has Ina tried out her new microscope yet? They say that these devices can open up a whole new world to be explored. Unfortunately someone forgot to provide her with specimens. Maybe she should try asking Glennammons for some. Carlos was summoned to the MOSH's office on Friday so that they could make sure that we didn't overlook the best idea for decorations for Interhouse. We certainly wouldn't have thought of sexual tortures in Hell on our own, but the MOSH's office has its finger on the pulse of Tech as usual, and correctly identified it as the most appropriate form of torture for life at Tech and you can be sure it will be used suitably.

Answer to last week's question: The same number as the number of women who have Ed Meese's face tattooed on their buttocks. Though that may be a bit too high. If they want to change this, get some binoculars and look across the courtyard from Herc. This week's question: How many glorious high school freedom fighters will penetrate (ooo, one of our favorite words, apologies to the PDFU's) the fascist barrier against immorality at Interhouse? The Berlin wall comes down, the Caltech wall goes up. Transfer now while you still can!!!

Frosh of the Week: Mike Oder. He has an aura which causes people to run up from behind and strangle him for no apparent reason. Will someone on speed enter his radius and terminate his life before the year is over?

Couple of the Week: The winners from last week's couple of the week: Leah and Louis. They've been seen together quite frequently lately, and what is his stereo doing in her room? (What else does he keep there?) Runners up: Leah and Wil Wheaton. (Wesley Crusher must DIE!!!!)

Beer.

The Brakedrum ringing could not even be heard in One Holer. 12 second ringing, Frosh are LAME. But at least they earn their points. Anticipate Ricketts House to be as small as Dabney by the time you read this due to Medfly spraying during the pile last night. What was Tristy doing on the bottom again? And after all of her complaints about wanting to be on top for a change.

Wench of the Week: Karen, no, Karan, no, Quaran, no, Quran, no, wait, its Karin (as in, put the car in the garage - SLW). She's been seen in the company of the topic of Lloyd's Inside World from last week. And she says he doesn't even have a bicycle.

Hey, boys and girls, what time is it? It's **Rude/Slander Bidet time!** (Look it up, Frosh!) Kurth and Mags. Gonzo and Mags. Kurth and Mags. Gonzo and Mags. The next permutation is clearly Kurtha and Gonzo (sic). Kirsten: Leopold's personal sex slave OR virginal lady of bliss? In any case, Leopold is still looking for someone to play with him. Strange moans originating from the Prexy double. Occupants included Derek, Alex, Mateo (and his moons), froosh (that's the plural form). Why? Plu really likes to be on top and he's bigger. Kitt looked mighty fine on her way to EE14 Tues-

day night. Trying to improve her grade, perhaps? The Secret BigSisterhood continues to advance its power. Do the members all wear the nifty palm shirts? Little sisters are advised to check this out soon. Frosh Lipofsky has expressed concern about the sexual ability of Data. Clearly he hasn't watched the show long enough. He does however know that Data is proficient in seven variations, though I don't know how Frosh Lipofsky learned this. How many is F.L. proficient in? Data: sexual mentor. Gonzo seen in Bible study. Kurth seen helping old ladies across the street. Is he tired of Gonzo already? What happens when an irresistible force meets an immovable object? Russ Manning steam-rolls Mateo and leaves him writhing on the ground. Brian seems to have finally found his Queen. Is it Sam?

"Clothes make the man; naked people have little or no influence on society." -Mark Twain.
-The Physics Messiah, the Wiz, Poison, just Dan'l, and the Frosh

Page2

WELCOME TO OUR INTERHOUSE Edition of the Page Inside World.

The first Page Inside World would have come out last week; however, the **idiotors** of the Tech decided not to print for reasons beyond my comprehension. Even so, I will not indulge in idiotor bashing. All I advise them to do is have their heads examined by looking under **PROCTOLOGISTS** in the yellow pages.

But getting back to **INTERHOUSE**, wasn't that last week?? or did someone mislead all the tens of poor clueless high school kids just witing for **INTERHOUSE** to begin last Saturday?? I mean give those people a break once in a while; remember you were there once. So read carefully all you high school kids: **INTERHOUSE, NEXT SUNDAY AT 12AM**. Anyway, we should be done building the electrifying, mystifying, and death-defying **Gigawatt-Rated PAGE HOUSE RIDE** by that time.

A WORKING FROSH IS A GOOD FROSH

And I can see the **DECORATIONS** coming along just dandily. I guess Mr. Heavy Metal (H.M.) in keeping with our **Pirate** theme has decided to hide them. Speaking of our theme (isn't it great how one theme can be used to connect seemingly random trivial events), we can breathe easier knowing that our **treasures** are safe behind doors with **COMBO LOCKS**. Thanks goes to Mr. Alfa and of course to **THE ADMINISTRATION** for this accomplishment. Mr. Alfa has also revolutionized cooler technology by coming up with a new secret brew that will send shivers up any pirate's timbers.

REMINDER: "ALL ALCOHOL SHOULD BE KEPT BEHIND BARS!!!!"

TOP FIVE ALTERNATE COURCES OF ENERGY FOR THE RIDE

5. LEFTY POWER
4. LEFTY POWER
3. LEFTY POWER
2. LEFTY POWER

1. LEFTY POWER

TOP FIVE QUESTIONS OF THE WEEK

5. Has SNOOPY pierced the right ear?
4. Is Ms. Fleming's title of HOUSE JOCK to be contested?
3. Is SEXISM rampant on campus?
2. Should we have DROPPED more units?
1. Will THE RIDE be built on time?

FINAL NOTE: The "SAVE A FROSH" committee has decided to rerun in brief last week's weather report in keeping with its principles of clueing in FROSH.

LAST WEEK: MOUNT WILSON: COLD
THIS WEEK: MOUNT WILSON: COLDER

This report brought to you by a grant from "SAVE A FROSH" society dedicated to preserving the rare and endangered species: THE FROSH.

-Bad Boy From Bombay

ENGINEERING MAJORS:

Interview with the World Leader in High Energy Physics Research

Thursday, November, 30th

As an Electrical, Computer or Mechanical Engineering major, you've probably heard a great deal about the scientific breakthroughs at Fermi National Accelerator Laboratory. As one of the world's most innovative and technologically advanced leaders in high energy physics research, "Fermilab" makes headlines through the diverse contributions of talented professionals. The Laboratory's seeking innovative individuals, like you, to join the challenge.

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In designing equipment for the Accelerator and Experimental area systems, you'll be involved with everything from high and low level processing systems to high power pulsed devices and power supplies. Other projects will involve analog and digital design (specifically ASIC and/or VLSI), data acquisition and high performance system development. Knowledge of CAD/CAE systems is a definite plus.

Mechanical Engineers

The potential exists for involvement in the mechanical design and fabrication of devices for the accelerator complex as well as the overall design and operation of superconducting and cryogenic devices. The opportunity to conduct finite element stress and thermal analysis of vessels and support structures is also available. CAD training is advantageous.

Located 40 miles west of downtown Chicago in the beautiful Fox Valley area, Fermilab offers attractive compensation and comprehensive benefits packages. To arrange for an on-campus interview on Thursday, November 30, 1989 sign up at the Placement Services Office during regular office hours. An Equal Opportunity Employer M/F.



Fermilab

The Inside World

Page 3

Gee, isn't it amazing how those "fire doors" are once again adorning the Halls of Page? As if they would actually offer any protection against blazing flames...

The students' ears are stung by the shriek of the fire alarm. They lazily leave their work and open their doors...only to be greeted by a seething inferno! They flee, but they see their only hope of escape vanish as the halls are apathetically blocked by mechanical fire doors. Something has gone awry! The doors won't budge! Panicked, the students are unable to penetrate the institutional reinforced glass and fashionably varnished wood, succumbing to the ignominious demise of asphyxiation....

Well, we don't know about the rest of you, bur Page is certainly Stuck on Centennial. How can you resist those adorable little commemorative pendants? I mean, what man or woman can ignore the sophisticated Techer of Today, equipped with Centennial cloisonne pin? Don't leave House without it.

Ye gods, that food just gets worse as it goes. Even if it looks festering today, you might as well put it on your plate and smuggle it to the trash can, since it WILL return tomorrow. Coming aversions: hard crusty cheese, dried-up onion, the Pasadena-renowned Crunchyburger, and of course, the ubiquitous Rainbow Mayonnaise. In a word, feculent.

Will someone PLEASE kick that cat? It walks around the table, picking at mystery chicken (Parts is parts), destroying napkins, and making our meals more disgusting than they already are. Now we have (in addition to our *haute cuisine*) What the cat dragged in, What the cat threw up, and What...wait...can that...isn't that Beer?

"Hey, dude, what's this orange meat? Kinda fluffy."

"I don't know. Tastes *fresh*, though!"

What a bell frosh. I mean, What a Bell Frosh! Before that thing stops ringing, he had it clasped firmly in hand a stalwart bastion of defiance to any LLOYDIE who deign attempt to touch it. Well...at least he keeps it shiny. Real shiny. Takes strong wrists, all that spitshining does.

Page House Bit O' Trivia: Counterweight uses to be called Alleygory. Just ask Uncle Jimbob.

My, haven't the birthdays been in season lately? Mark Fey got a taste of salt water late Saturday night, after lamenting not getting carded by the liquor store. Congrats, Mark! By the way, you and Kate make cute octogenarians. Maybe you should start planning ahead. Also, gaining another Daug-year was Cris at the Holly. Sorry about waking you, but you really shouldn't have been dreaming about things like that anyway. Thanks to Tamakster&gang for hosting and surprise photography. Incidentally, Cris, if you miss a payment, or is any harm should befall us, the negatives will be sent directly to Playgirl... But WHERE has the Birthday Frosh been in the midst of all this excitement and festivity? Hmm... Fattening his beer tab, no doubt. But that's okay. After all, Page House is RICH, right, Steve?

And finally, to all those high school students who were gathered out side at 8pm last Saturday...It's time for the truth to come out. Interhouse is really next Saturday. Honest.

At, uh, 6am. Yeah, that's the ticket.

And let's not pick this weekend to go inspecting the interiors of emergency rooms, okay, Carv?

Have an awesome time at Interhouse, everyone. We deserve it.

Blacker	1	2	1	4	2	1	5	3	2	2	1
Dabney	2	3	2	6	4	3	4	7	4	3	5
Fleming	0	0	3	2	0	5	0	4	6	2	0
Lloyd	3	0	0	7	0	6	0	5	1	2	2
Page	0	1	0	1	0	0	6	1	5	1	4
Ruddock	0	4	0	8	5	2	1	6	7	3	3
Ricketts	0	0	0	5	3	4	3	2	3	2	0

-Dr. Who and the Cub Scout

	Pasadena PD at Caltech	at Virginia Maryland	Iowa at Purdue	Notre Dame at Penn State	Virginn Tech at NC State	Auburn at Georgia	Indiana at Illinois	Iowa St. at Oklahoma St.	WSU at Washington	Cal at Stanford	Kentucky at Florida
Scott Kister (59-18)	Caltech	Virginia	Iowa	Notre Dame	NC State	Auburn	Illinois	Oklahoma St.	Washington	Stanford	Florida
Mark Lyttle (54-23)	Caltech	Virginia	Purdue	Penn State	NC State	Georgia	Illinois	Oklahoma St.	Washington	Stanford	Florida
Paul Socolow (55-22)	Caltech	Virginia	Purdue	Notre Dame	NC State	Georgia	Illinois	Oklahoma St.	Washington	Cal	Florida

what goes on

German Film Series

There will be a showing of *Zur Sache Schatzchen* (1967) in Baxter Lecture Hall on Wednesday, November 29th at 7:30 pm. The films are shown in conjunction with Language 132. There will be an introduction and discussion after the showing. All are invited.

Truman Scholarship

Sophomores who are U.S. citizens, have a 3.0 average or better, and are planning on a career in government are eligible for a 1990 Harry S. Truman Scholarship. Caltech can nominate three students for the 1990 competition, from which 92 scholarships will be awarded nationally. The scholarship covers expenses of up to \$7,000 per year for the junior and senior years and two years of graduate study. Interested students should submit a letter of application, a statement of career plans, a list of past public-service activities or other leadership positions, a current transcript, and a 600-word essay discussing a public policy issue of their choice to the Dean of Students, 102 Parsons-Gates, by November 28, 1989.

Interested in Sailing?

You too can use the Caltech sailboats. Find out how by joining the Caltech Sailing Club. Contact Axel or Martin at (818) 568-9168. Open to students, faculty and staff.

Poetry Contest

The American Poetry Association is conducting a poetry contest and specifically urging students to enter. The contest includes cash prizes, and has no entry fee. Entries are considered both for the contest and inclusion in a poetry anthology. Entries may consist of no more than six poems, each no more than 20 lines. The writer's name and address must be on each page. Send entries or inquiries to: American Poetry Association, Dept. CT-70, 250-A Potrero St., PO Box 1803, Santa Cruz, CA 95061. Entries must be postmarked by December 31, 1989.

Good Morning Caltech!!!

No, this is not a movie...(it's much better) The Coffeehouse is now serving breakfast during our normal lunch hours on Saturdays and Sundays (Noon-2:00pm). We will have the following items initially: hot buttermilk pancakes, bacon, sausage, toast and jelly, bagels, a variety of juices, freshly brewed coffee, and the new iced cappuccino. We hope to expand the breakfast menu if the response is good

Attention Freshmen!

If you want to become a Coffeehouse waiter and have fun while earning a few extra dollars, see Jeanine Conneally in the SAC, room 64. You must get approval from the Deans before you start.

The Coffeehouse will be closed on 11/18 for Interhouse and 11/23 for Thanksgiving. If you have questions or suggestions about the Coffeehouse, please let us know by writing (64-58) or stop in and see Jeanine in room 64 of the SAC.

Cinematech

This weekend, Cinematech is presenting *Singing In The Rain*. Come and see Gene Kelly and Debbie Reynolds in one of the greatest musical comedies of all time. Shows are Saturday at 7pm (note no 10pm showing) and Sunday at 5pm in Baxter Lecture Hall. Admission is \$1.50.

Gay/Lesbian Discussion Group

On the 1st and 3rd Tuesdays of each month, all students, staff and faculty are invited to an ongoing discussion of Lesbian/Gay topics, from 7:30 to 9:00 pm. After this, time is devoted to informal talking, with refreshments provided. The topic for Nov. 21 is "Coming Out - A Developmental Model." This confidential meeting is held in the Health Center Conference Room; call x8331 for further information.

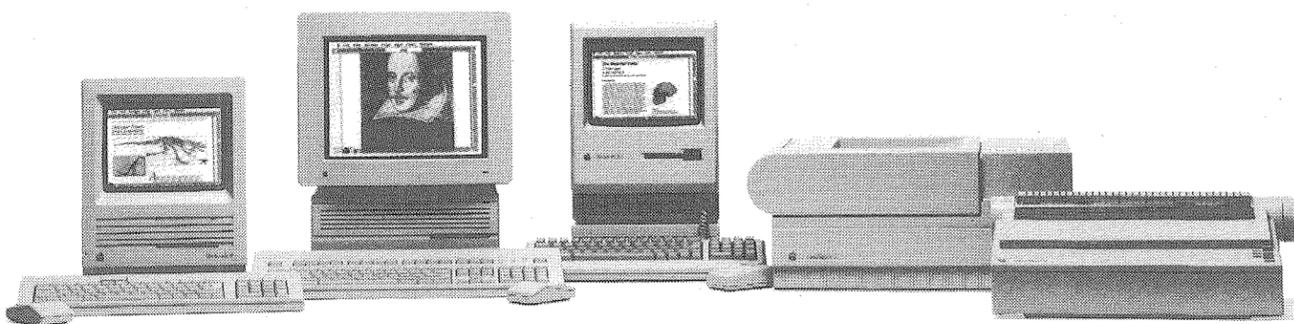
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WHAT GOES ON

Submit announcements for *What Goes On* 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.

SSSSP Tutors Needed

We will be needing tutors for our Summer Secondary School Science Program, that begins June 25th and goes through August 9th, 1990. The hours are from 9:00 am to 3:30 pm, Monday through Thursday. We will need: 4 tutors each teaching Molecular Biology, Chemistry, Physics/Trig and Physics/Calculus. Our first preference is to have seniors, then juniors and last sophomores. Applicants may call x6207 or x6208, or come by Lee Browne's office at 107 Winnett Center.

FOUND

Casio telememo and schedule watch. Phone numbers include Andy, D.Yun, H. Yun, J. Yun, John, Mitch, Scott, Steve, Szeto, Tam, Tsang, Wang, Wes, Wong. Contact Seth Noble, Dabney House #8. Phone 356-9258.

INTERHOUSE!

This year INTERHOUSE is to be held on the evening of Saturday, November 18. This festival is one of the major annual events in the undergraduate student houses. Each house selects a theme, decorates its lounge and courtyard appropriately and provides entertainment. The entire Caltech community is welcome to join in the fun, which usually begins about 8:30 pm. The Master of Student Houses would like to urge all of you to come and share in the celebrations.

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MACINTOSH PROGRAMMERS. All shapes. All sizes. Call Delta Tao (818) 578-1808. Ask for Tim.

LEGAL SERVICES-

EXPERIENCED IMMIGRATION ATTORNEY. Located in Culver City. Small consultation fee. Call Max Skanes. (213) 559-1369.

OPPORTUNITIES-

ATTENTION: EXCELLENT INCOME for home assembly work. For information, call (504) 646-1700, dept. P4963.

SERVICES-

FRESHMAN - SOPHOMORES Scholarships available. Write: Scholarship Financial Aid Services, Inc., P.O. Box 640454, San Francisco CA 94164.

TRAVEL-

PLANE TICKET TO BOSTON - Nov. 20. \$100 (obo). Call x6385 or x2949.

RATES. \$4.00 for first 30 words; . . . 10¢ for each additional word. Send written ad with payment to 40-58. Deadline is 6 p.m., Monday before issue. No charge for on-campus lost & found.

AUDITIONS!!!

Auditions for *Camelot* will be held on Saturday and Sunday, the 18th and 19th of November from 12 noon to 6 pm in the Baxter Hall Basement, rooms 33 and 25. Your chance to live the legend of King Arthur and Merlin in *Camelot*.

Wrecks, flies and video tape

The California Institute of Technology Non-existent Equestrian Team continues its series of horse videos. This Monday (11/20) we will see the U.S. Olympic Team finals in 4-in-hand (that is, 4 horses and a cart). Our big screen presentation is in Rm. 19 Baxter, noon to 1 pm. Bring your lunch. If you have any questions or videos you want to show, please call Liz at x4515 or Victoria at x3828.

Caltech-Occidental Orchestra

The Caltech-Occidental Symphony Orchestra will present its first program of the 1989-90 season on Monday, November 20, at 8:15 pm and Tuesday, November 21 at 8:00 pm. The program features violinist Lawrence Sonderling performing the Shostakovich Violin Concerto No. 1, one of the great violin concertos of the twentieth century. Also on the program are Haydn's Symphony No. 100 ("Military") and Chabrier's *Espagna Rhapsody*. Allen Gross, the orchestra's director, will conduct.

Sonderling, whose playing has been called by the *Los Angeles Times* "genuinely brilliant and gutsy...with polish and energy," is a member of the Los Angeles Philharmonic and Occidental's violin teacher.

The November 20 concert will be the first concert using the newly-designed orchestra shell for the recently renovated Thorne Hall at Occidental. The November 21 concert will be in Ramo Auditorium, Caltech.

Admission to both concerts is free.

Hillel Gathering

On Wednesday, Nov. 29th at 8:00 pm in Winnett Lounge, faculty, staff and students are invited to a Hillel gathering. Nava Sonnenschein, an Israeli Jew who lives in Neve Shalom, a Palestinian/Jewish village in Israel, will speak on this experiment in peace and coexistence. A reception will follow.

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Want To Play A Round?

The Caltech Bridge Club is holding a qualifier for the North American Collegiate Bridge Championship this Tuesday, Nov. 21 in Winnett Lounge. All grads and undergrads can qualify to win a free trip to Ft. Worth, Texas. All staff, faculty and students are invited to play and eat free pizza. Also, come to our regular Monday night game at the Red Door, starting at 7:15 pm. For more info call Jeff Goldsmith at x6252, or 440-9994.

Caltech vs. Reality

Professor Koonin will give a short talk for the Physics Club entitled "What Every Teacher Needs To Know About the Real World." The talk will be at 7:30 pm in Clubroom 1 of Winnett on Sunday, Nov. 19.

Toy Bowl

Come out to see your Caltech Beavers play the Pasadena Police Association on Saturday, Nov. 18 at Stanton Stadium (California Blvd. & Wilson Ave.) Kickoff is 12 noon. Bring an unwrapped toy for admission and plenty of energy to support your Beavers!

\$50 for Grad Students

The Y will co-sponsor, with \$50, an approved event or activity for any group of eight grad students. Come by the Y for information and co-sponsorship forms.

Human Genome Initiative

On Wednesday, November 29 at 4:00 pm in Baxter Lecture Hall, Professor Walter Gilbert of Harvard University will speak on the subject "The Human Genome Project: The Vision." Professor Gilbert is the chairman of the department of cellular and developmental biology at Harvard. Discussion and refreshments follow the talk.

Space Station Lecture

Jeffrey Laube of the McDonnell Douglas Space Systems company will present a lecture on NASA's space station project. Included will be insights into the advanced plans for lunar and Mars bases in light of President Bush's call for future space initiatives. This free lecture, on Saturday, Nov. 18 at 7 pm, is brought to you by OASIS, a chapter of the National Space Society, and hosted by McDonnell Douglas at the Oceanus facility, 5301 Oceanus Drive, Huntington Beach.

Korean-American Students

The Korean-American Student Association will hold a meeting this coming Monday at 8 pm in SAC Rm. 13 (Clubroom A). All members, and those who want to be members, are encouraged to attend. As always, there will be free munchies. Please contact Dong-su Kim at x8309 if you have any questions.

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Scholarship Listings

The Financial Aid Office has applications and/or information on the following scholarships. All qualified students are encouraged to apply. The office is located at 515 S. Wilson, 2nd floor.

The National Space Club is awarding a \$7500 scholarship for the academic year 90-91 in memory of Dr. Robert H. Goddard. The applicant must be a U.S. citizen, in at least the junior year with the intent of pursuing undergraduate or graduate studies in science or engineering. The deadline for application is January 5, 1990.

The Gloria Fecht Memorial Scholarship Fund is offering a scholarship of ranging from \$1500-2000 to a young woman attending a university in California or Arizona. Applicants must have an interest in golf and financial need. Applications must be mailed on or before March 1st.

The St. Andrew's Society of the State of New York is offering a scholarship to an outstanding senior undergraduate of Scottish descent whose permanent address lies within the boundaries of Pennsylvania, New Jersey, New York, and the New England states. This scholarship is also based on academic merit, leadership qualities, and financial need. The deadline is December 31, 1989.

The Coors Veterans' Memorial Scholarship Fund is offering scholarships ranging from \$2,000 to \$5,000. Applicants must be sons or daughters of Honorably Discharged Veterans, active military personnel, or American service personnel Killed in Action, Missing in Action, or Died in the Line of Duty. Applicants must also be under the age of 22 as of March 15, 1990, have completed a minimum of one semester of college with a minimum 3.0 cumulative GPA. Deadline is March 15, 1990.

CAFA, the Chinese-American Faculty Association, is providing several scholarships to undergraduate students of Chinese descent. Applicants must be taking 12 quarter units or 8 semester units with GPA of 3.5 or above and graduating after May 1990. Applicants will be selected on the basis of GPA and extra-curricular activities. Deadline is December 15, 1989.

The National Roofing Foundation is pleased to announce the availability of scholarship awards for 1990-91. Full-time undergraduate and graduate students enrolled in architecture, engineering or other curriculum related to the roofing industry are eligible to apply. Deadline is February 1, 1990.

The Society for the Advancement of Material and Process Engineering is offering numerous undergraduate scholarship awards. Engineering students with a minimum 3.3 cumulative GPA are eligible. Deadline is February 1, 1990.

The Sylvia W. Farny Scholarship has a grant of \$1,000 to be awarded to a student for the final year of undergraduate study.

Applicants must be U.S. citizens and studying Mechanical Engineering. Deadline is February 15, 1990.

The American Society of Naval Engineers sponsors a scholarship program to encourage students to enter the field of naval engineering. Scholarship awards of \$2,000 each are available for the 1990-91 academic year. Undergraduates in their final one or two years and graduate students who have not received an advanced degree are eligible. Applicants must be U.S. citizens and demonstrate a genuine interest in naval engineering. Financial need is not required, but may be taken into consideration. Deadline is February 15, 1990.

The Arizona Honors Academy has an opportunity for undergraduates to discuss important world issues with writers, sociologists, national security officers, historians, physicists, and arms negotiators at their summer session entitled "Seeking National Security in an Insecure World." Applicants must be undergraduate students who have completed 27 semester hours with a minimum cumulative GPA of 3.5. Deadline is February 15, 1990.

The Society of Women Engineers has 29 scholarships varying in amounts from \$1,000 to \$3,000 for 1990-91. There are different requirements for each scholarship. Undergraduate women majoring in Engineering are encouraged to apply. Deadline is February 1.

The Forum on Chemical Dependency has a scholarship to provide financial assistance to students pursuing degrees which will prepare them for work in the field of chemical dependency. Applicants must be California residents currently enrolled full time, and must have a number of units that does not directly convert to Tech units, so call the Financial Aid Office for more info. Deadline is January 1.

The Korean American Scholarship Foundation has seventeen \$1,000 scholarships available for full-time students of Korean American heritage. Applicants must be in at least their sophomore year. Deadline is January 31.

The California Angels have created the Jimmy Reese Scholarship Fund. Scholarships of \$1,000 each will be awarded to an applicant currently studying in the area of sports medicine. Residents of Orange, Riverside and San Bernardino counties who are currently enrolled and in good standing at either the undergraduate or graduate level are eligible to apply. Awards are based on academic achievement as well as commitment to enhancing the field of Sports Medicine. Deadline is March 15.

The National Federation of the Blind has eight scholarships available to legally blind persons in either undergraduate or graduate level. Each scholarship has different requirements, so interested students should contact the Financial Aid Office. Deadline is March 31.

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