

Student-Faculty Conference News Update

by Flora K. Ho

So you're wondering what's up with the conference follow-up? More than you might imagine! As a sidenote, if you have questions or comments concerning any of these follow-up efforts, please email me at acaddir@ascit. And now for the news...

Formed on the Honor System committee's recommendation, the Master Key Committee under Kim West, now renamed the Common Key Committee, has been meeting regularly since the conference to look at both short-term and long-term plans for augmenting the accessibility of buildings and rooms to which students many need to go at odd hours (e.g., department libraries). Short-term utilize the idea of chang-

ing to a "common lock" system whereby only one master key would be necessary for access to a wide range of buildings — letters have been sent to administrators to solicit their opinions in this matter. Long-term plans address the possibility of going beyond just a change of locks, to switching the means of access to a card-swipe system. While there may be disadvantages to this system (the cost, for example), the long-term benefits may very well outweigh the concerns. A price range for such a switch over should soon be known. Additionally, the Honor System committee will put out an honor system survey to gauge the true effectiveness of this essential part of Caltech life.

Several weeks ago the members

of the Improving Communications committee presented the results of their second term student survey to the Faculty Board. The survey revealed that while many students felt intimidated by their professors and advisors, they nevertheless desired more faculty interaction. By sharing these and other results with the members of the faculty board, the committee hoped to alert the faculty to students' perceptions and attitudes so that perhaps a better system of com-

munication could be established. One proposal for social interaction has been adopted by the ASCIT Social Director, who plans to hold a "Caltech company picnic" around October to which anyone related to Caltech and JPL would be invited, pending the availability of funding. Another long-term plan calls for the rejuvenation of the Ombudsman system; in this endeavor, the Quality of Teaching committee, together with administrators and other students,

has shared the follow-up (see below).

The idea of having a "mid-term" questionnaire, either in addition to or in place of the end-of-term questionnaire that students currently are requested to fill out, received widespread support in the conference. As you may recall, mid-term questionnaires were vaunted as being a better vehicle for teaching quality feedback, since more open-ended questions would be asked, and a larger (and

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Student Affairs Review Committee Solicits Input

by Peter Wyllie

President Everhart has appointed a committee to evaluate the present state of Student Affairs in general, with the particular charges to assess the present strengths and weaknesses in Student Affairs and advise the President how Student Affairs can be made more effective and may best serve the students and the Institute.

The committee members, Diana Barkan, John Bercaw, Paul Dimotakis, Steve Frautschi, Jean-Paul Revel, and Peter Wyllie (chairman), want to maximize student input. The committee has met with representatives from ASCIT and IHC in a first

step to determine student opinions, and we now invite any interested students to attend one of two open meetings to be held in Winnett Lounge on Wednesday and Thursday, June 1 and 2, from 4:15 pm to 5:30 pm.

The committee will be meeting with graduate students as well, and would like to receive information from any member of the Caltech community (faculty, staff, students) who has a relevant message. If you have points to make and cannot attend one of these meetings, please send a succinct written statement to the committee chairman, Peter Wyllie, at MS 170-25.

BOD Proposes Changes to Current ASCIT Bylaws

The ASCIT Board of Directors has proposed several amendments to the ASCIT bylaws which will be voted on during the Presidential and Class Officers Election on June 3.

Another ballot item became necessary last week due to the vacancy caused by the resignation of ASCIT President Angie Bealko.

The complete text of the proposed amendments can be found on page 3. The amendment with the most direct impact on ASCIT members requests a \$6 increase in the annual *Big T* assessment, from \$30 to \$36.

Another amendment changes the term of office for *The California Tech* editor. Instead of officially taking office when members of the BOD and the ASCIT Athletic Manager are installed, the editor's term will start at the beginning of third term. In actual practice, the last two editorial teams have taken over at that point.

To shorten the period between election and changing office, an accompanying change shifts the election of the editor from the first (President and Vice

President) election to the second election.

he procedure for amending the bylaws is also on the ballot for minor changes. The proposed amendment establishes a limit of 15 days for gathering signatures on a petition to amend the bylaws. The same limit already applies to petitions to initiate legislation, but petitions for proposed amendments do not currently have one.

The same proposal also lengthens the period within which the amendment must be voted on from 15 to 21 days, allowing more flexibility in scheduling the vote.

Most of the remaining amendments replace archaic language, or remove redundancies and requirements that are no longer useful to ASCIT. For example, the ASCIT treasurer is supposed to stay on as a non-voting officer until the end of the fiscal year (the end of February) in order to submit the corporate books for audit. When a new BOD was installed earlier in second term, this has some potential

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PHOTO BY TOM GRUNDY

TFM
Total Food Management, Inc.

A recent student survey conducted by The Tech reveals that over 80% of the student population on the board program provided by Total Food Management has grown to be dissatisfied with the quality of the food provided, the mandatory board policy clause in the on-campus board contract, and the high price of board itself. Read about what the students have to say, how manager of TFM Lee Reavis defends his position, and a possible solution to this problem on Page 2.

Velo Still Going Strong in Local Biking Competitions

by Michael Kantner

Even though the collegiate racing season has ended, Caltech Velo is still competing in local races. At the Long Beach Criterium on Sunday, May 22, Caltech Velo raced, and did little else. None of Caltech's three participants placed.

About once a month, MTS cycling hosts a criterium near the intersection of the 710 and 405 freeways. The course is flat and has very wide corners, so the races are usually uneventful. Over the course of a day, many categories of races, ranging from beginner to professional, are held. Last Sunday, professionals included Malcolm Elliot, who led the Tour Du Pont for several stages. Several national team members were also present. However, none of the

Caltech racers were at this level.

Jody White competed in the Women's 4 race, her first USCF race. Since the women's fields are small, two races, the Women 1-3 and Women 4 were run at the same time. Spectators could see two races simultaneously. However, the faster Women (the 1-3 field) eventually lapped the Women's 4 pack and a mix-up occurred. One rider, trying to squeeze through a gap, bumped into Jody. Jody then bumped into another rider. Jody stayed upright until the rider squeezing through bumped her again. After a bit more bicycle pinball, Jody and two other competitors fell. Fortunately, no one was severely hurt. This ended Jody's race.

Michael Kantner and Kevin Hoke raced in the Men's 4-5 19+

category. Early in the race, Michael and Kevin stayed near the front of the pack. During the third prime lap, Kevin gave Michael a lead out. Michael sprinted, realized he was boxed in, slowed, moved to the left behind a few cyclists, and sprinted again. He was second in the prime, about fifteen inches behind the winner. He missed winning ten dollars by half a wheel length. After the prime, Michael sat in the pack until the final lap. Since it was clear the race would end in a mass sprint, both Caltech riders rode near the front. Going into the final turn, Michael and Kevin started sprinting. Kevin eased up once he realized he would not be among the top 6. Michael finished about tenth, but only the top six win prizes.

Students Want Major Change in Board, TFM

by Kenneth Lee

The Situation

Due to Caltech's small size, it has been unable to find an independent food contractor, including Total Food Management (TFM), who has been willing to enter into a contract unless a quota was set which would guarantee a large enough market that could sustain reasonable profits. This forced Caltech to decide whether or not to enter into such an unfavorable contract or not to provide a food service for the students; Caltech decided that the students needed some place on campus where they could purchase cooked meals and entered into an unfavorable contract with TFM. Currently, this quota for TFM is set at 525 students, the approximate number of students living on-campus. (If the number of students on full-board drops below this quota, Caltech must subsidize TFM with the difference.) These students are required to pay the full board fee of \$2,178 (\$13.45 per day consisting of \$5.55 for lunch and \$7.05 for dinner plus \$.85 for administrative overhead and maintenance reserve costs) regardless if they miss meals or eat very little. These 525 students have absolutely no say in whether or not they will purchase the board program; they are, in actuality, forced into a monopoly.

Most economists will tell you that the first things to go when you eliminate choice is quality and satisfaction, and that is the growing sentiment regarding TFM's food. Although the Food Committee, which is made up of representatives from the seven undergraduate houses, voted unanimously in March to renegotiate a renewal of TFM's contract, citing that the majority of students were satisfied with the services provided by TFM and did not think that there was a better food service available, a recent survey concerning the situation conducted by *The Tech* indicates otherwise.

This survey of sixteen comprehensive subjective and objective questions was made available to all of the undergraduate houses at dinner and to various places on campus, and the students responded enthusiastically. Surveys were received from a whopping 209 students—over 40% of the total 508 students required to be on full-board—and without a doubt, a clear majority feels dissatisfied with the quality of the food provided, the high price of board itself, and the mandatory board policy clause in the on-campus board contract.

Granted, in a survey of this type which polls satisfaction, the results are often skewed because the dissatisfied are usually the ones who fill out and turn in the survey and, therefore, are the best represented. However, with simple statistical analysis of the results to the question, "Are you satisfied with the nutritional value, freshness, taste, variety, and overall quality of TFM's food?", one can see how this theory does not apply. To this question, 168 students, or 80.32%, answered "No." (Results to other questions can be seen in the graphic accompanying this article.) So, if we were to assume that every single other person on board besides these 168 were totally satisfied with TFM food, 33% of the student

population would still be dissatisfied, a percentage large enough not to be ignored. The students are complaining.

In a statement that well-represents a large percentage of those surveyed, freshman Gretchen Larson says, "I feel that TFM's monopoly on the food service only encourages the poor quality of the meals. If they were forced to compete for our patronage, they would certainly increase the quality of the food they serve... I cannot continue to consume the amount of grease I am taking in, especially because I need especially good nutrition to handle the stress of academics as well as sports... With all of the abuses that Techers willingly submit themselves to, such as sleep deprivation, there is no need for Caltech to require one more physical trauma."

This concern for the nutritional value seemed to be one of the most important factors when students evaluated their overall satisfaction with TFM's food. Lee Reavis, manager of TFM, called upon his 32 years of experience in the college food service business to justify the higher levels of grease in the food: "Our food is geared for the masses... Students want the greasy fries and the greasy pizza. That is what is consumed the most—they enjoy eating fried and

deep-fried foods in fat and oil, so that's what we give them. If they didn't want it, they wouldn't eat it." As an example showing that the nutritional value of the food is not important to students, Reavis stated that corn, one of the worst vegetables one could possibly eat with respect to nutrition, is also the most consumed vegetable served.

However, this justification of higher levels of grease in almost all foods with the fact that students love greasy fries and greasy pizza is illogical because high levels of grease desired in one type of food does not necessarily imply it is desired in all types of food. Even though TFM has made a change in the type of and reductions in the total amount of oil and cheese used, many students are still disgusted with the amounts of grease in the food.

Another major cause for dissatisfaction with TFM is the cost. (In all fairness, the students were told in *The Tech's* survey that board fees amounted to about \$14 per day, the cost quoted to me by Tom Mannion from the Housing Office. In actuality, the cost is \$12.60 per day plus \$.85 for administrative overhead and maintenance reserve fees, which, according to Reavis, are unrelated fees and should not be grouped with board costs.) Most of the students

believe that they can eat out or cook for themselves and get a much better meal for than what TFM provides for \$12.60. However, students are not given the option to forego meals and must pay for the meals they miss or, in effect, pay twice for the same meal if they choose to eat out.

Reavis stated that students on the average miss about 8% of their meals due to oversleeping or conflicts with classes; some students attend almost every meal, and others may miss as many as thirty percent. The food not consumed by these students or people who eat less allows TFM to provide infinite servings, and that alone justifies making those who miss meals pay for the additional servings that other people have. "It is the most equitable way to administer a food service," according to Reavis. But although this may be the most equitable and fair way to feed the students because everyone is given the opportunity to eat as much as they can, it is not necessarily the best way to satisfy the general population.

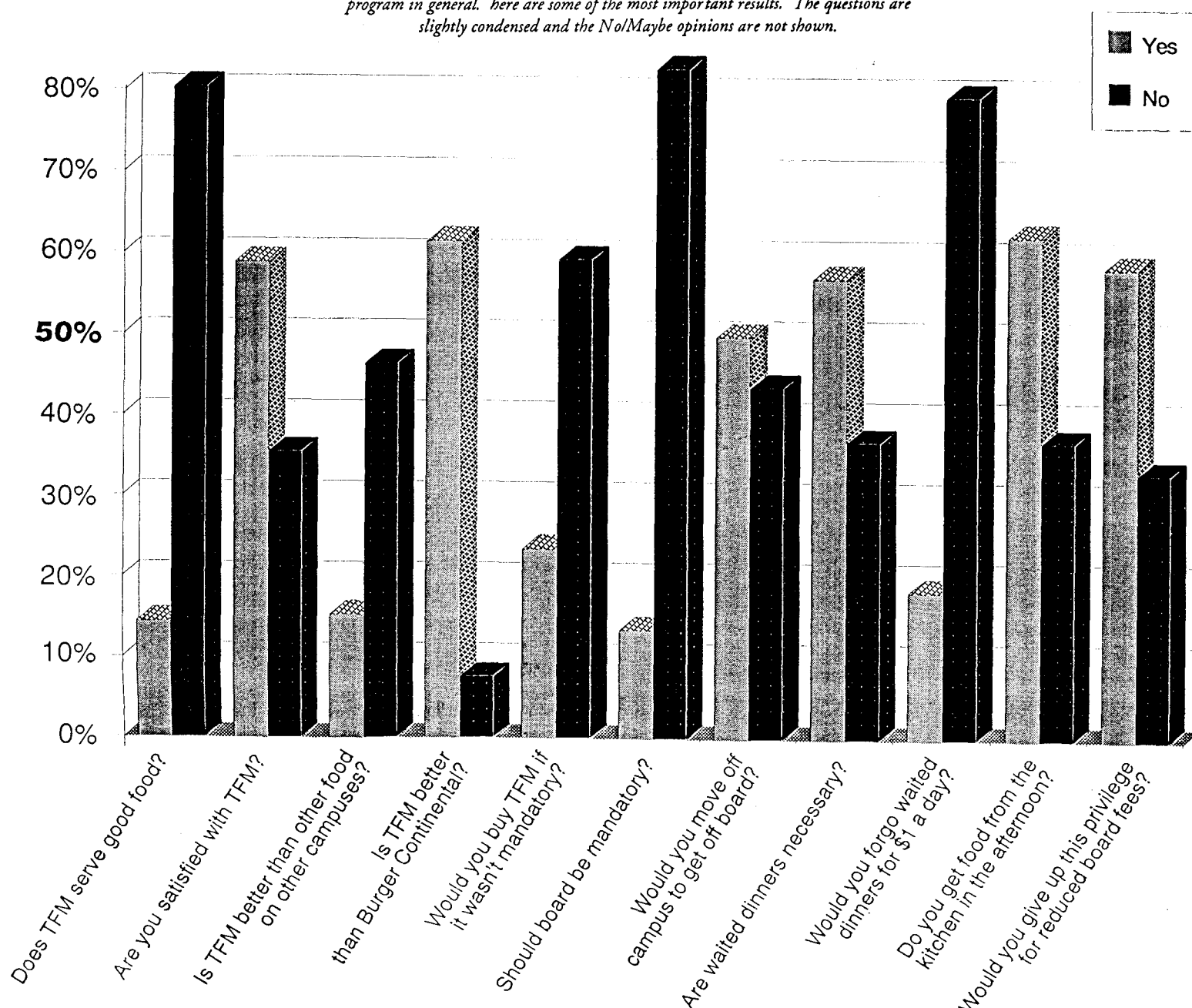
Reavis says that the real reason board is mandatory is that in the past, students could not take care of themselves: "If board was eliminated, students wouldn't be able to cook for themselves... and in a year, they would be crawling back, begging the Institute to [reinstate a board program]."

But graduate student Jim Ostrowski believes just the opposite: "I'm not sure why people are required to be on the board plan. It seems like a serious flaw in the way on-campus housing is run. I can perhaps see requiring freshman to be on board since many of them may be away from or cooking for themselves for the first time, but it seems like the only reason for requiring others to be on board would be to increase profits."

According to Tom Mannion, "TFM turns a very minimal profit; in fact, this is the first year that TFM will make a profit—every year previous to this one, they have lost money." In the past, TFM, along with the Food Committee, has tried to come up with ways to cut costs. Reavis has suggested to eliminate fruit juice, steak night, bagels, Hawaiian bread, and novelty ice cream—items that can easily be substituted—but since TFM claims it always tries to accommodate student tastes, and these are student favorites, there has been a reluctance to do away with them. Instead, Reavis would like to see waited dinners eliminated. This suggestion by Reavis spawned a huge debate and turned up some of the most interesting re-

What do the students think?

We conducted a survey a few weeks ago asking you what you thought of TFM, about how Caltech treats TFM, and your opinions of the board program in general. Here are some of the most important results. The questions are slightly condensed and the No/Maybe opinions are not shown.



Proposed ASCIT Bylaws Amendments

AMENDMENT 1 BIG T ASSESSMENT INCREASE

increases member assessment for Big T from \$30 to \$36 per yearbook

modify ARTICLE XIII—GENERAL FISCAL to read

SECTION 5—BIG T ASSESSMENT. Each Corporation member will be assessed thirty-six dollars (\$36) for the Big T, payable on the days of registration at the rate of twelve dollars (\$12) per term. . . . [remainder of section unchanged]

AMENDMENT 2 TECH EDITOR TERM OF OFFICE

alters when the Tech editor takes office, to the beginning of third term, instead of when ASCIT officers are installed [late second term]; deletes “Editor of The California Tech” from list of offices voted on in the early election [the Editor will then be elected with the remainder of the offices in the later election].

modify ARTICLE XIV—PUBLICATIONS to read

SECTION 14. The Editor and Business Manager of The California Tech take office at the beginning of third term; . . . [remainder of section unchanged]

modify ARTICLE VIII—ELECTIONS to read

SECTION 1. Nominations for the offices of President and Vice President shall open at 8 A.M. on the second Wednesday of second term and shall close at 5 P.M. the following Tuesday. . . . [remainder of section unchanged]

AMENDMENT 3 AMENDMENT PROCEDURE

establishes a time limit within which petitions proposing amendments must have been signed [15 days] before being presented to the Board of Directors; lengthens the period permissible for holding the election from 15 days to 21 days; removes archaic language

modify ARTICLE XI—AMENDMENTS to read

SECTION 1. Amendments to these bylaws may be proposed by a majority vote of the Board of Directors, or by submission to the Board of Directors of a petition stating the proposed amendment and signed by at least twenty percent (20%) of the members of the Corporation within the preceding fifteen (15) days. A vote of the Corporation shall be held within twenty-one (21) days after the proposal of the amendment. A two-thirds vote shall be required for passage.

SECTION 2. Notice of the vote and a complete statement of the proposed amendment shall be posted and published at least seven (7) days prior to the vote.

AMENDMENT 4 FISCAL ARTICLE PATCHES

removes language requiring the BOD to revise the dues annually because of inflation; removes archaic structure; removes detailed budgeting process

modify ARTICLE XIII—GENERAL FISCAL to read

SECTION 1—DUES. The Corporation dues shall be twenty dollars (\$20.00) per term, payable on registration day. Dues shall be nonrefundable after add day each term. Ten percent (10%) of the dues each term shall be for a subscription to The California Tech.

SECTION 2—BUDGET. Upon entering office, the new Board of Directors shall adopt a budget to govern all Corporation expenditures for the following fiscal year.

AMENDMENT 5 GENERAL OFFICERS

distinguishes between general officers of the Corporation and other elected officers (who take office at different times); removes provisions for outgoing Treasurer to remain an officer until fiscal year ends

modify ARTICLE IV, SECTION 1, first paragraph to read

SECTION 1. The general officers of the Corporation shall be the President, Vice President, Secretary, Treasurer, Interhouse Committee Chairman, Director for Academic Affairs, Director for Social Activities, two Directors at Large, and Athletic Manager. These offices, and those of Board of Control Secretary and Editor of the California Tech, are elected offices.

modify ARTICLE IV, SECTION 5—Office of the Treasurer as follows

replace “He shall remain an officer of the Corporation until the beginning of the new fiscal year, at which time he shall have the Corporation books audited.” with “He shall have the Corporation books audited as soon as possible after the close of the previous fiscal year.”

modify ARTICLE VIII to read

SECTION 10. Installation of the general officers shall take place at the second meeting of the Board of Directors following the completion of officer elections. . . . [remainder of section unchanged]

SECTION 11. All general officers of the Corporation shall retire immediately upon the installation of their respective successors.

AMENDMENT 6 OFFICERS ARTICLE PATCHES

separates ARTICLE IV, section 1 into two sections [later sections will be renumbered automatically]; allows Big T and little t editors and business managers to officially remain in office after graduation without petitioning the ASCIT Excomm; expands “IHC” to “Interhouse Committee”; states explicitly that the Athletic Manger is chairman of the Athletic Committee; removes sections on BOC Secretary and Tech Editor [whose duties are defined in Article VII and Article XIV, respectively]

also removes as redundant the words “without vote” from the Vice President’s duty as chairman of the Board of Control [he still does not have a vote, as specified in Article VII—The Board of Control]

create new section 2 from ARTICLE IV, SECTION 1, 2nd & 3rd paragraphs

[SECTION 2]. Only registered undergraduates who are Corporation members shall be appointed or elected to an office of the Corporation. If an officer ceases to be a registered undergraduate, he shall retire from that office. An officer other than the Vice President or Board of Control Secretary may petition the Executive Committee for permission to continue. The Executive Committee shall evaluate his proposal to remain in office based upon the officer’s intent and ability to continue fulfilling the duties of the office. If the Editor or Business Manager of the Big T or little t is not a registered undergraduate because he has graduated, he shall continue in office automatically until his work is complete.

modify ARTICLE IV, SECTION 3—Office of the Vice President as follows

replace “He shall act as chairman, without vote, of the Board of Control.” with “He shall act as chairman of the Board of Control.”

modify ARTICLE IV to read

SECTION 6. Office of the Interhouse Committee Chairman: The Interhouse Committee Chairman shall call and preside over meetings of the Interhouse Committee. . . . [remainder of section unchanged]

SECTION 10. Office of the Athletic Manager: The Athletic Manager shall be chairman of the Athletic Committee. He shall procure all athletic awards for the Corporation. A group of Corporation members may hold this position.

delete ARTICLE IV, SECTIONS 11 & 12

AMENDMENT 7 INITIATIVE ARTICLE PATCHES

adds prior notice requirement for voting on initiatives and referenda [same as for bylaws amendments]; rewrites archaic language and corrects terminology: “two-thirds majority” to “two-thirds vote”

modify ARTICLE IX—INITIATIVE & REFERENDUM to read

SECTION 1—INITIATIVE. Any Corporation member may present to the Board of Directors a petition signed by at least twenty percent (20%) of the members of the Corporation requesting certain legislation upon any matter within the authority of the Board of Directors. The petition must be signed not more than fifteen (15) days before it is presented to the Board of Directors. The Board of Directors shall either pass such legislation or else submit it to a vote of the Corporation within fifteen (15) days after its presentation. Notice of the vote and a complete statement of the proposed legislation shall be posted and published at least seven (7) days prior to the vote.

SECTION 2—REFERENDUM. The Board of Directors may submit any proposed legislation to a vote of the Corporation. Notice of the vote and a complete statement of the proposed legislation shall be posted and published at least seven (7) days prior to the vote.

SECTION 3. Legislation proposed by initiative or submitted for referendum may be voted on by the Corporation at a Corporation meeting.

SECTION 4. Unless otherwise provided in these bylaws, a majority vote shall suffice to pass acts of legislation not relating to the expenditure of funds. A two-thirds vote shall be necessary to adopt or repeal an act of legislation relating to the expenditure of funds.

For further details on the upcoming ASCIT votes, see the related article on page 1.

ASCIT NEWS

27 May 1994

- See the related article in the *Tech* for an election update on the ASCIT Presidential and Class Officers Election. Nominations for the offices close Tuesday 31 May at 5:00 PM.
- Several Amendments to the Bylaws have been approved by the BOD for a vote of the members. See the related article in the *Tech* for more details. Among the changes are an increase in the *Big T* dues, approved at the request of the *Big T* Editors.
- Election Day is Friday 3 June 1994. If you are unable to be here, please contact the Election Chairman (cedricit@ugcs) for an absentee ballot.
- Appointments for three at-large members to a joint IHC-BOD-BOC Committee to Improve Student Government are open. This committee will be charged with exploring the various options in improving the structure of government. Sign-ups are on the east side of Winnett. Questions should be directed to Chris Bryant, the Vice-President (vp@ascit).
- The office of *Big T* Business Manager is still open for appointment. If you are interested, please sign-up on the east side of Winnett prior to 5:00 PM TODAY.
- The BOD has selected 14 students to serve on the SURF Student Advisory Council. If you have any questions, contact the ASCIT Secretary (xl402, sec@ascit).
- Please submit your *CLUE* Reviews soon.
- This coming week, the BOD will wrap up its visits to the Houses for dinner and after-dinner discussion. Page has been rescheduled for Thursday 2 June.
- Clubs are reminded to pick up their third term funding this term.
- The Special Topic at the last meeting was the Faculty-Student Committees. Options raised included joint appointment, perhaps by having two or three appointing committees made of both IHC and BOD members; the work load would be divided among the committees. Opinions of BOD members were generally in agreement with this option, whereas several IHC members present expressed reservations. No action has been taken pending discussion at the IHC meeting on Monday.
- This coming week's Special Topic is the House Funding Policy.
- The final meeting this term of the Board of Directors is on Wednesday 1 June at 7:30 PM in the ASCIT Office, SAC 64. Meetings are open to all members of the community.
- Copies of ASCIT BOD Minutes are available by mail or e-mail free of charge on request to students, faculty, and administrators. Requests should be sent to Secretary, ASCIT 64-58 or sec@ascit. The Minutes are available in the House lounges and on caltech.ascit.announce.

CETF News

By Mitra Hartmann and Chuk Witham

Please send in your environmental questions, concerns and comments to cefers@cco.caltech.edu, or to CETF, MC 251-18. CETF meets every Monday at noon in the Judy Library (110 Baxter Hall) All are welcome!

Ecology Class

Thanks to all who wrote expressing interest in an ecology class on campus. CETF will keep you posted on the possibility of a class.

Energy Conservation Information

A great source of energy conservation info is available, FREE, yours for the asking! Just request a copy of "Energy Ideas", by writing to The Center for Study of Responsive Law's Government Purchasing Project, P.O. Box 19367, Washington DC, 20036. They'll even send back issues!

Battery Disposal

Please use rechargeable batteries whenever possible. If you must use

standard batteries, DO NOT throw your them into the regular trash, either at lab or at home! They qualify as hazardous waste! Batteries in landfills leak harmful chemicals; incineration releases harmful fumes! Set up a box in your lab and in your home for battery disposal. When the box is full, take it to the place you usually take your hazardous waste — contact your local stockroom for more information. Household and Lab Alternatives People frequently ask for some safe alternatives to hazardous household substances. Here is a partial list:

Drain Cleaners

Never pour grease down the drain. For preventive maintenance, pour 1/4 cup white vinegar and 1/4 cup baking soda into the sink. Let it sit for a few minutes, then flush with a kettle of boiling water. Unclog drains with a snake or plunger.

Oven Cleaners

Mix 3 Tbsp baking soda with one

cup warm water. Sprinkle salt on an oven spill while still warm and clean immediately.

Chlorine Bleach

Use dry bleach, borax, or baking soda to whiten. Borax is a good grease cutter.

Glass and Chrome Cleaners

For windows and mirrors, use an 8:1 solution of warm water and vinegar, and wipe dry with newspaper. For chrome, copper, and tile, use dissolved baking soda.

Silver Polish

Soak silver in 1 quart warm water with 1 tsp baking soda, 1 tsp salt, and a small piece of aluminum foil. Shoe Polish

Avoid polishes which contain trichloroethylene, methylene chloride or nitrobenzene.

Furniture and Floor Polish

Dissolve 1 tsp lemon oil into 1 pint mineral oil. Rub toothpaste on wood furniture to remove water marks.

Spot Removers

Use club soda, or immediate cold water, or corn meal and water paste, or lemon juice.

Ant and Roach Killers

Caulk or fill cracks where ants and roaches hide. For ants, apply red chili powder, cream of tartar powder, salt, or sage across path or where ants enter. For roaches, carefully apply boric acid powder in cracks where roaches hide.

Slug and Snail Killer

Fill a shallow pan with stale beer and place in the infested area. Lay boards between rows of planted vegetables; snails often attach themselves to, underside of the boards. Strips of copper fastened around flower pots or placed along planters will help keep snails and slugs from crossing the line.

SURFing With Kinematics!

Kinematics, Inc. in Pasadena will be sponsoring a SURF student this summer. Kinematics is a world leader in the development and manufacture of instrumentation for recording earthquakes.

The application deadline for this project is

today, Friday, May 27. Only the Application is due today; the proposal and other materials may be submitted later.

Please stop by the SURF office, 137 Beckman Institute, to pick up an application, or call x2885 for more information.

Bridge Without Sam

Orbital Mind Control Lasers

by Jeff Goldsmith

Sometimes a position is hopeless, but a double-dummy line by the opponents is still available to salvage the hand. In those cases, I try to convince the opponents that the one losing line is attractive if possible. When all else fails, I just throw them on lead and hope they find the appropriate order in which to play their cards. I am hoping that my Orbital Mind Control Lasers zap them into doing what I want them to do.

Playing in the first round of a cash prize tournament, things are going well and I decide to try to push the opponents around a little.

DUMMY

♠ 1032

♥ K105

♦ J853

♣ QJ5



DECLARER (Me)

♠ K75

♥ Q973

♦ AQ

♣ 10932

Me Partner

— Pass

1♥ 2♥

Pass —

In third seat vulnerable, I decide to open a bad four card suit for reasons unknown even to me. We play a complicated Drury system and a forcing notrump, so we shouldn't get past 2♥ very often, so while the bid is pretty silly, it shouldn't be that unsafe. In this case, it didn't work out well—I have reached a terrible contract that gets even worse when the ♠7 is led.

Fortunately, they are playing 3rd and 5th best leads, so when I play the ♠J from dummy and follow with the ♠3 from my hand, East doesn't realize that her partner has led a doubleton. I do since she won the King. East shifts to the ♦2 and I need to finesse. This is bad enough already. Luckily, the hook works.

East has shown up with ten high card points in the minors and passed in second seat. That marks the two major suit aces on my left as well as the ♠Q. That means that spades are 4-3, since West would have bid them with AQxxx and a side Ace. I don't know about the ♥J, though. While I'm thinking about this, the player in my seat at the next table gets up and starts walking to the bathroom. He bumps into me on the way, which is why I notice him. This tournament is being played with a barometer movement, so that means they passed this hand out. I'm not entitled to this information, but it seems likely anyway. Each opponent has ten high card less the major suit Jacks. The only 4—2 heart break I can pick up is the Ace doubleton, so I lead a heart to the King and a small heart back, covering the ♥8 with the ♥9 and losing to the Ace. (Phew.)

West happily continues with her second club and this time gets her ruff. She exits with a small diamond and I am in danger of going down two. I'm pretty sure that West has 4-3-4-2 shape and I can cash a club safely, discarding a spade, but East can win a spade and draw the last trump, leaving me stuck in my hand. If I can convince West to hop with a spade honor on the first round, though, I can possibly discard a spade on the last club and exit with the King to make my trumps separately. They can foil this by playing two rounds of diamonds, but maybe they won't get it right. I make a wish to the Orbital Mind Control Lasers that now would be a good time to operate and continue with a low spade towards the dummy. West shrugs and plays the Queen. So far so good.

The Lasers must have done a great job, because after a few moments of thought, West continues with a low spade! She must not be counting, since I am marked with the King, but I am truly grateful, because I'm going to make this!

I win the ♠K and discard dummy's last spade on the good club. I make the last three tricks on a cross-ruff and end up +110 for 90% of the matchpoints. Good Lasers, those.

Letter to the Editors

Probers go out to Onassis

I am sick and tired of hearing the press describe Jacqueline Kennedy Onassis as a woman of "dignity, style and grace," as though these character traits were her only accomplishments. For crying out loud, Lady Macbeth had "dignity, style and grace!"

Presumably, Mrs. Onassis played a pivotal and largely unacknowledged role in American politics during the Kennedy Administration. The New York Times, for example, described in detail the dinner Mrs. Onassis had prepared for a visiting Pakistani diplomat. The dinner was chosen to make the diplomat feel comfortable and accepted—to make him feel as though the White House was receptive to his needs. Political maneuverings are impossible without these personal diplomatic skills!

The closest any article I've read has come to praising Mrs. Onassis for her accomplishments, instead of harping on her exquisite poise, said that she did a "miraculous" job raising her two children. This is, indeed, a praiseworthy accomplishment.

But in addition to her miraculous child raising techniques, *why* hasn't the press researched and discussed her indirect but vital influence on both domestic and international policy? Dignity and grace are well and good, but why is the press so loathe to call her a woman of power, intelligence, and charisma?!

Mitra Hartmann

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TFM Food Criticized

FROM PAGE 2

sults in the survey.

Reavis believes that eliminating waited dinners will cut food waste and improve the food quality and overall satisfaction with the food. "At most of the houses, the waiters set places for way too many people, and put the food out before they [let students into the dining hall]. All of those extra spaces creates a tremendous amount of wasted food and when the food sits out on the tables for five or ten minutes, it gets cold and unappetizing." Also, he added that "when waiters [return to the kitchen to get multiple servings], they often bring back full plates of food when most of the time, it's just one person who wants seconds. All of the excess food gets thrown away. It's hard to imagine how much food gets wasted... I've talked with the head waiters of each house about only getting enough seconds to serve those who want them, but some just don't listen." In this way, eliminating waited dinners will cut food waste by about \$1 to \$2 per day per person. "If given the choice, I would do away eliminate waited dinners... We've tried many times to pursue this, but the students just don't want it."

57% of those surveyed believe waited dinners are necessary, and 79% would not be willing to do away with them, even if it would mean reducing board fees by \$1 or \$2. The general consensus is that waited dinners are a unique and important feature of undergraduate life at Caltech and that eliminating waited dinners will water down house unity to the point of non-existence, and the House System will become merely a thing of the past. Junior Chris Buchner reaffirms this sentiment: "If dinners were optional, the housing system would end. The houses would turn into dorms like Marks or Braun. The average Caltech student would be even more nerdy and we would lose all student traditions. [Optional dinners] would end the best thing about Caltech."

A Solution

Despite the dismissals by Reavis that the results from the survey regarding the level of student dissatisfaction are exaggerated because "anytime you force someone to do something they don't want to do, they won't be happy doing it," there is a large difference between general inherent dissatisfaction and resolute anger. In an informal poll of about forty to fifty students living off-campus, 70% cited board food, the high price, and/or the fact that it is mandatory for all on-campus students as a *major determining factor in their moving off-campus*. There is no question that the students want the board program to change, and by the annual \$2,200 they dish out for board expenses, they *should* have some input as to how their money is spent. With careful planning and implementation, the three major causes for dissatisfaction can be remedied or alleviated by implementing a new board program with new policies.

There is no question that TFM needs to have a guaranteed market to operate, but it is my opinion that requiring students to purchase 100% of the meals is not essential to survive. In fact, by implementing certain restrictions and limitations, the percentage of meals required to be purchased could probably be as low as 80%. Reavis agrees.

At the beginning of each term, students would be required to prepay for 80% of their meals, specifically four lunches and four dinners per week. They would then receive a roll of personalized *meal tickets* which would be collected upon entrance to the kitchens for lunch or upon entrance to the dining halls for dinner. During lunch, students would be permitted to enter the kitchen only once and get how much they think they will eat. Reavis believes that a similar plan could be worked out for dinner where each house would be assigned a time to eat, and at that time, the students would line up at the kitchen and be served cafeteria-style: "Students could still go back to the dining halls and eat as a house... As long as the houses eat together, there can still be announcements and everything else that goes with waited dinners, including [house unity]." However, if the students still insisted on having *waited* dinners, the waiters could simply be the ticket collectors at the entrance to the dining halls, and everything would proceed as it normally does now.

With a plan like this, TFM is guaranteed no less than 80% of the customers. (If a student who was more dependent on board for food runs out of tickets, he or she would simply be able to purchase more tickets, and thus, more meals.) Students will have the freedom 20% of the time to eat out, cook for themselves, or oversleep without fear of missing a pre-paid meal. By giving the students some choice and freedom, TFM would be forced to compete for the students' patronage (even though TFM already has the huge advantage of location and convenience), and the quality of the food will be maintained or even improved. Reavis believes that immediately, board costs would have to be slightly higher, but not significantly; however, the students would much rather pay a little bit more and be given a little freedom than pay less and have no choice at all. The most economic percentages of meals purchased and costs per meal would most likely be adjusted in time, but the only way to determine what those figures are is by actual implementation for a period no less than one year.

The second policy that should be implemented—one aimed at cutting costs—is simple: eliminate waste. For example, head waiters should survey the average number of people that attend dinner and set places for that many people; extra places could always be set later if more people than the average happen to attend dinner. Also, when waiters serve seconds, they should ask how many people from that particular table want seconds and only get that number of servings. A similar method of cutting waste at lunch could be implemented, too. Right now, when students go into the kitchens for lunch, they just point at which foods they want, and an arbitrarily large portion of that food is plopped onto a plate and served. But if predefined portion sizes were specified when ordering, the students would be able to get exactly how much they want to eat, and waste would be drastically reduced. For example, one would order "a large portion of lasagna, a medium portion of rice, and a small portion of corn." Just as long as the students know that this policy is aimed at cutting waste and not just an attempt to skimp on the quantity of food served, there should be no problem.

Lastly, it seems almost unfair that Caltech would require students to partake in a non-academic mandatory financial burden without subsidization to keep costs down. Although unlikely, TFM should investigate getting some money from the Institute so that they can keep costs down—just as the Athenaeum receives subsidization to keep costs down—and improve their competitive edge and improve the chances success in implementing this plan.

Overall, it would not take much to increase the level of student satisfaction with TFM. Reavis believes that these plans should be pursued and, in the end, would make a lot more people a lot happier, which is what everyone ultimately wants.

If you have any comments or suggestions, you can voice your opinion at the weekly Food Committee meetings on Thursdays at 4:00 P.M. in Room 64 of the SAC.

Your Comments



Aaron Rosin



Gretchen Larson



Ken Walsh



Jim Ostrowski



Seth Blumberg



David Soergel



Pauline Ng



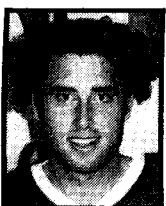
Anonymous



David Zito



Roger Moore



Chris Buchner

"If TFM doesn't learn how to cook the food, they should be forced-fed raw meat until they puke or die of food poisoning."

"I feel that TFM's monopoly on the food service only encourages the poor quality of the meals. If they were forced to compete for our patronage, they would certainly increase the quality of the food they serve... I cannot continue to consume the amount of grease I am taking in, especially because I need especially good nutrition to handle the stress of academics as well as sports... with all of the abuses that Techers willingly submit themselves to, such as sleep deprivation, there is no need for Caltech to require one more physical trauma."

"Board is a [expletive] waste of money and organic materials!"

"I'm not sure why people are required to be on the board plan. It seems like a serious flaw in the way on-campus housing is run. I can perhaps see requiring freshman to be on board since many of them may be away from or cooking for themselves for the first time, but it seems like the only reason for requiring others to be on board would be to increase profits."

"It's simple—If the people don't want it, they shouldn't have to have it."

"The extremely high price of TFM's meals is an even worse problem when one considers that people do not go to every meal. It is unreasonable to make people pay for meals that they do not attend; hence, a meal card, or an honor-code based parallel, would be much better."

"Well, I'm paying \$14 a day for food. I might as well go to a nice restaurant and eat there."

"TFM is not worse than other college board programs—it's just that we are a smaller school—larger schools get more choices."

"I think [TFM Manager] Lee is a very nice guy and tries very hard, but I think Caltech should make more of a financial effort to keep its students healthy."

"I am not totally satisfied with TFM, but I think that it is better than the alternatives."

"If dinners were optional, the housing system would end. The houses would turn into dorms like Marks or Braun. The average Caltech student would be even more nerdy and we would lose all student traditions. [Optional dinners] would end the best thing about Caltech."

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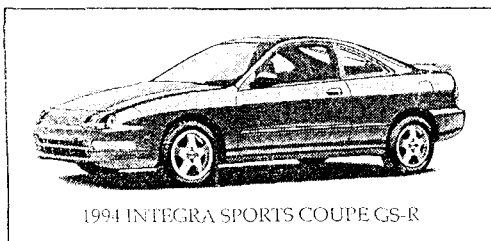
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Games & Puzzles

Video Game Review: Twin Eagle

by Wei-Hwa Huang

Remember Space Invaders? One of the oldest popular arcade games in existence. Space Invaders was one of the earliest video games that actually earned the title "shoot 'em up." Basically the idea was that you controlled a little ship of some sort that you could move left or right, and you had to shoot things out of the sky.

Later on, someone added the idea that the ship should be allowed to move in more than just one dimension, allowing for more maneuverable dodges and also allowing the enemies to be more aggressive in their attacks without the players crying foul. One of the earliest such games was Atari's Centipede, which plot seemed a programmer's fantasy: the player controlled a "Zapper" which was supposed to kill all the "bugs" on the screen. Unfortunately, like most programs, you were never able to eliminate all the bugs. Centipede was extremely popular in the late seventies; in fact, if my memory serves me correctly, it was the highest grossing coin-op game of 1979.

Another breakthrough in this direction came by removing the fixed, constant conglomeration of enemies. This was probably best exhibited by the game 1942: The Battle of Midway. This was a game introduced around 1984 in which you were a biplane that had to dodge and shoot planes of all sorts that came in all different directions. That game was quite popular and also added to the normal "fire" button a "flip" button, in which your plane was allowed to escape enemy fire temporarily. The concept was nothing new: similar "get out of trouble" buttons had been used as early as Asteroids' "hyper-space" button. Also, the game created the illusion of going forward by having a background that scrolled down the screen. This was not new, either; it was first used in Galaxian. Additionally, your plane was allowed to pick up certain objects which enabled you to have more flips, have extra power, etc. The game had a direct sequel, 1943, which was less popular, but I believed it to be a more interesting game.

Many other companies tried to

get into the act. A few novel ideas came up, such as rotating the screen so that it was horizontal and having the ship/plane move vertically. One of the earliest such games was Gradius, and one of the most popular ones was R-Type. One of the games that was tried in the SAC, Neo-Geo's Ghost Pilots, attempted to place a horizontally moving plane in a horizontal screen. It failed miserably; there was just not enough room to maneuver vertically and not enough width could be covered by the plane. The position was recently replaced by Samurai Shodown.

This brings us to the SAC's newest acquisition, Twin Eagle: Revenge Joe's Brother (Taito, 1988), a typical game similar to 1942. Basically the game is a vertically-oriented game where you fly a helicopter around, shooting enemies on the ground and in the air. The game offers a extremely tall vertical mobility: you can almost fly the helicopter so that it touches the top of the screen. Apparently you also have a finite source of bombs that you can drop; unfortunately, because of malfunctioning buttons I have not been able to use any bombs.

During play, a giant plane leaves items every once in a while that you can pick up for wider range of fire, more power, etc. There is also a "bonus" stage where you fly to higher altitudes and try to shoot enemy planes down (it's quite difficult).

The game becomes extremely tough after the first bonus stage; fortunately, there is quite long while before where you can enjoy the fun of having an extremely powerful craft. The game also allows 2-player simultaneous play, but a word of warning: the player 2 joystick is very difficult to move horizontally.

In all, I found this game quite enjoyable for the first few games. I don't know how much lasting ability it might have, though; it would certainly help if I were able to drop bombs and have a good 2-player session.

CONTEST CORNER

American Banking Corporation Denies Earning Federal Grant for Housing Increases in Jersey

Readers had to Apply Brain Cells Diligently and Earnestly for Forming Great Headlines. (I Just Knew that Long Messages, Nutty or Outright Paltry, Quickly Rouse Spurious and Ticklish Unhappiness Via Xanthic [Yellow] Zits.) Anyway, Marge D'Elia wins \$10 for the submission above, which I judged to be

the most sensible of all the submissions, although somewhat shorter in length than some others. A special mention goes to Huy Thanh Cao for submitting the longest submission (although I have my doubts as to whether it would make a good headline). This will be the last contest of the year, as the term is almost over.

Amoral Blunt Cat Dates Eligible Feline and Gets Her Incredibly Juiced (Kind of Like Meandering Nudes Overdosed Pretty Quizzically on Rum), and Subsequently Telephones — Uncooly and Viciously — "Well, X-ray Your Zits!" After Being Crudely Dissed, Edna (the Feline) Gets Henrietta (an Indignant but Just Kinfolk) to Level Morris' Nose

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The Inside World

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All Inside Worlds must include the author's name. Inside Worlds can only be written by current undergraduates. The editors reserve the right to edit any or all parts of an Inside World. No libelous material will be accepted. It is the author's responsibility to check material written about a person to see if that person considers it libelous.

At this point, all other submissions guidelines are moot. Have a creative summer.

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

Fleming: John White

Dabney : Carrie Griffin and Alan McConchie

Justice Junkies: Rob Hanna and Myke Hoskins

Page D: Assorted undergraduates

Editor: Mike Benedetti

This week, the *Inside World* provides a disturbing mirror of the turbulent times in which we live. From the terrors of drug addiction to the burning cold of existential stasis, you will find today's headlines echoed in the stories within.

This week also marks a change in the *IW* editorial style. No longer will the *IW* feature a pleasing layout with smooth, flowing lines. Instead you will find a chaotic, hectic, clashing format, one which captures the nausea of modern life.

As always, we welcome all of your submissions (except poetry). We encourage you to harass the *Tech* editors to publish another *IW* next week. There are plenty of submissions still hibernating in our "IN" box, and they will never see the light of day unless you demand a weekly *Inside World*.

Fleming

[Ed. note—This *IW* was written about a month ago.]

Well, the term hasn't started, and I can't seem to get to sleep. Inside World time boys and girls!

Good to see that some people had enough time to diss my House in the last *Inside World*. Almost choked, reading the damn thing. I mean, get off me! Between all the time I spend keeping Flems in the dark, beating fags, hating all bitches, and cutthroat fencing challenges, how can I possibly fit in all the sheep fucking? Like I said, get off me!

Taking a look at the past term, I see that we got a lot done. Elections came and went (and I finally won one). Outgoing social team threw a killer party, and the incoming one put on a great Wine and Candlelight (even though DeBar decided to practice the art of dissage). (This is where I was going to put in something bitter about ASCIT funding practices, but as promised, I'm not even going to mention them. ASCIT, that is) I did go that one party . . . OPP? Sorry, no OPP this year . . . (well, let's be optimistic. This term.)

Lloydies came by . . . Why do both the other N. Houses dump on them? Well, we do know the 'boys gave up on us . . . (except for the odd opportunity, right Brew?) And the Rudds? I guess TJ isn't president or even on campus, so they can't hate us . . .

Glad to see the Rruuddddss squeezed together enough courage to follow through on their promise to come to dinner. Almost given up on the 'boys, though. Maybe they shouldn't come. I mean, some asshole like Lanny Boswell might yell "page SUCKS!" and dump water on their heads. That Lanny's a wild man. Ah well, hope they come too, some time. Get on that Coop.

Oh yeah, almost forgot. Good to see that the sheep pens were cleaned over spring break.

'nough prose. Time for some lists:

Top 12 Future Events

- 12) Major dissage. Big surprise. Story of my life
- 11) "John? Sega?" "I'm kinda BUSY, Gregg."
- 10) The LA Kings missing the playoffs . . . Hey, I was right!
- 9) Jess drops by to "say hi" to Lofty
- 8) Lofty gets back late from wherever he spends his time these days
- 7) Ghene drops by. Either no one's home, or the other guy's there too
- 6) Amy is mad at me
- 5) We Disco challenge the Rudds in Sega NHL '94 (the cutthroat version)

- 4) One of Lofty's friends gets married
- 3) More last minute, seat-of-the-pants Excomm's!!! (just for Liz)
- 2) Three frosh women, three guys in 8 1/2 . . . Wait a minute!!!
- 1) Toufic doesn't shave
- 0.69) page sux

Top 25 Coolest Things About Being Fleming House President

- 25) Pick three women as frosh camp UCC's. "Mind if I stay in your cabin?"
 - 24) Greg throws hockey games to keep my spirits up
 - 23) Lofty does the work, I get the glory
 - 22) "To get a real high, you should try licking a toad!"
 - 21) Granted fifth year=Junior next year=run for pres AGAIN!
 - 20) If I ask really nicely, maybe Art, Stace, and Buc will stay and help me and Coop out
 - 19) Can rub my head in public, and no one says a word
 - 18) Can now enact plan to merge Soc and Ath teams
 - 17) Give long, boring, pointless speeches in IHC and see who shouts "GONG!" first
 - 16) I guess Jason Lee didn't think I had much leadership potential
 - 15) Pretty much, the President was either Ath 1 or Soc 1
 - 14) Go to ExComm meetings for prolonged games of Jenga and Charades
 - 13) Hi Asif. Bye Asif.
 - 12) Who needs drugs? Look at the checkbook for twists of reality!
 - 11) Chris Buchner as a roommate. 8 1/2 as a double!
 - 10) Lofty as a roommate. 8 1/2 as a single!
 - 9) "Been too busy" works as a general excuse
 - 8) Can always count on Guido to diss something
 - 7) Who needs drugs? ASCIT BOD meetings are free!
 - 6) Spending Foundation money . . . DOH!!!
 - 5) Pretending I know everyone who comes up and says "congratulations"
 - 4) Hearing Mikey say "God damn my house!"
 - 3) Spending long IHC's arguing with Jason Trev . . . DOH!!!
 - 2) Go on a total power trip and claim it's "just the pressure"
 - 1) Women dig me
- I guess it's time to quit this crap. Come to the Alleys party tonight . . .

— John (the big, black one)

Dabney

Glacier Boy

Part Dos

Upstairs, in the alley above, the black figure crept softly but carried a huge statue. This was no-man's land—graffiti scrawled on the walls: William Carlos Williams poetry, obscene pictures of naked dinosaurs, quotes from the Mechanical Universe, and the like. Bullet holes and spattered blood. The lurking shape slunk into the large kitchen. All was dark except for a single naked bulb illuminating the scarred wooden table. A turkey neck stank as it decayed in the sink. Even the black shape was uncomfortable in this place. It moved toward one of the large refrigerators. The fridge stank with the smell of rotting food. It had been there since the last Dabney house president graduated (essentially indefinitely). A body lay slumped over in the corner where it had tried to escape through the wormhole. The denizens of Alley 7 did not take lightly to people stealing their food.

The blackness nosed the fridge door open. The results of Rowena's hunt lie crammed in the corner. A grotesque human face stared up at him, features frozen in a scream of surprise and death. He backed away, the door slammed shut, and he skittered away down the hallway towards Blacker. There were easier pickings in Hell.

Moments later, Glacier Boy emerged from a kitchen cabinet into the same kitchen and ran down the same dark twisting hallway. The navy-blue book in his hands glowed strangely, almost pulsing with an ery chartreuse glow.

We interrupt this story for a brief clip from our sponsor: "What was the name of the starship in "Pigs in Space" on *The Muppet Show*?"

"Something like the Starship Enterpork."
"Yes, that sounds about right. Ah! Transports! They must die! Something's hitting me! Argggghh!"

Muted laser pulse sounds drift across the room. Someone attempts the combo. It is Danlip the wise, come to read his e-mail. Godot is still blasting objects out of the sky over Endor: Stay on Target! Stay on Target! "I want a faster ship!"

Thank you for your participation. This was a test. This was only a test. If this had not been a test your author might not have run out of things to write. As it is, . . . oh well.

Glacier Boy cursed as he reached the stairway down to Tunnel. Which way to go? He sat down, and the light of the book began to fade. Suddenly, a shadowy apparition appeared before him.

"Luke, Luke . . . It is me, Obi-wan Kenobi . . . Oh shoot, not again! Sorry about this."

The apparition vanished.
Time passed. Seasons chased each other in the pageantry of nature, an analogy of the life and death cycle of all living things.

The odor of aged catsup and ink accosted the author's senses as he entered the office. The room hummed with the whirring of Macs and the background static of meanly composed music. Lightly calloused soles scuffed across the air-track floor towards the blueing screens. He picked nervously at his left index fingernail as he read the mysterious story displayed before him. His fingers gripped the

continued next page

CROSSWORD

Today's puzzle is a traditional crossword with a twist—many of the clues are misleading, and many of the words are made-up.

It should take you around twenty minutes to finish the puzzle, if you finish it at all. Correct entries should be sent to gp@tech. Winners will receive personal congratulations from the author.

Oh, and one more thing—the crossword's theme is "Mottoes and Slogans". Good luck.

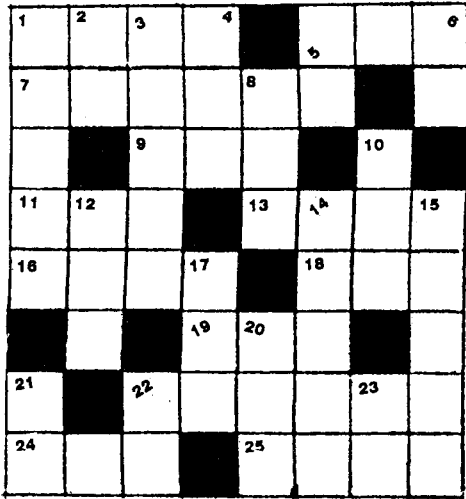
Across

1. Some might build one
5. Mr. Gal's fav firearm
7. Is often eaten
9. New newsman
11. Possible choice
13. A bear might do it
16. A sacred ceremony
18. Opposite of "yes"
19. Assent
22. Those using adzes
24. Auto
25. Character on "Star Trek"

Down

1. Famous architect

2. Expression of hopelessness
3. "Fascism is our business" org.
4. DTU
5. Ancient Sumerian city
6. "As —"
8. Wane
10. "We're the Association of Registered Opthamologists" org.
12. It might be picked
14. Opposite of over
15. "It's the right one" beverage
17. The finish
20. Wt. unit relating to 25 across
21. OC
22. NR
23. Greek letter



Mike Benedetti w/Momo Jeng



Dabnicorp



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- Those **U. Magazines** that you have lying around burn green. After extensive testing in the lounge fireplace we have determined that burning the entire publication works the best for getting the most intense green flame instead of burning them page by page- probably the inked pages require slow heating so that the normal yellow-orange doesn't mask the green. It's really too bad about the chessboard or we could conduct more substantial tests.
- We have learned from undisclosed sources that Hostess Twinkies™ are really long polymer chains left over from reactions used to make styrofoam. According to tests conducted by other reputable labs, twinkies have been known to bloat upon prolonged contact with water, to emit acrid, black smoke on being exposed to microwaves for short periods of time, and have enough sponginess to survive an 11-story drop with even the "special cream filling" intact and not "splat on the ground" as expected. For determin-

ing further twinkie characteristics we will be subjecting the twinkies to further, more extensive testing, including the famous "Millikan's liquid nitrogen test" and a battery of flame tests.

- After long and arduous hours of research, Dabnicorp scientists have finally determined that the lyrics to the theme song of the popular British TV show "Red Dwarf" are:

It's cold outside, there's no kind of atmosphere-
I'm all alone, more or less.
Let me fly, far away from here;
Fun, fun, fun in the sun, sun, sun!

I want to lie shipwrecked and comatose,
Drinking **fresh mango** juice-
Goldfish shoals nibbling at my toes,
Fun, fun, fun in the sun, sun, sun!
Fun, fun, fun in the sun, sun, sun!

The highlighted lyrics have been argued over for years, but

the deciding factor was the version of the song sung by Elvis® at the end of the episode "Meltdown".

- Respected scientists have long searched for the "silent majority" of students who continue to praise TFM's custard pie dessert so highly that TFM frequently places said item on the menu. Agents have now determined that former food rep **Momo Jeng** abused his position while food rep and gave glowing reports of the custard pie contrary to the opinions of his house. The mystery \$0.85 a day administrative costs attached to Caltech's board contract are suspected to have been transferred to Jeng's confidential bank account. Says new Dabney food rep Neal "TFM pays me well" Dalal, "I am shocked and outraged at the behavior of Momo and I pledge to communicate honestly and succinctly Dabney's opinions of the food to TFM and the food committee." Dabney's position? "Neal, the food sucks."
- There is not, there has never been, and there will never be a blue flash when a N_{200q}-frozen pumpkin is dropped 9 stories. It's all in your head. Darn scientists.

Dabney Third Term Nicknames by Godot and the Don

Seniors

Ahmed "Odin" Abbas
Jonathan "Vanilla" Baker
Alex "Big Al" Barski
William "CZR" Cesarotti
Graham "Cummings" Cummins
Jeff "Dr. Everythingwillbeallright" Denniston
Adalberto "Endives" Erives
Brent "Bob" Eubanks
Don Miguel de José García de la Mancha
Linda "Lava Lamp" Hanely
Michael " " " " Harrison
Kimberly "Kim" Hatch
Miguel "MiG" Jordan
Navin "Chaba" Kiribamune
Kevin "Zordon" Kraft
Cindy "Faulkner? I prefer Melville" Machacek
Jon "Butte Liqueur" McGill
Alf "Alf" Mikula
Paul "Zelig" Mineiro
Diamond Jim Murdoch
Seth "ig" Noble
Aaron "Slick as an Eel" Petty
Antonio "Tony" Ramirez
Laurence "Blackbird" Schaulfer
Eric "Gramps" Schell
Keith "Scaramouche" Seitz
Jamie "Apollo" Sherman
Laurent "Waldorf" Stadler
Amy "The only good nickname we could think of is 'Howard' " Stern
Brad "Man Mountain" Threatt
Denise "Spooner" Yamagata
Zu "Alphabet Street" Xin Yu
Andrew "Butt-fast" Zug

Juniors

Mina "FDR" Aganagic
Jennifer "Cat" Barts
Michael "Take me to the Bridge" Benedetti

back of the painfully soft chair, pulled it slowly away from the terminal. His eyes slipped into the blue of the screen, as he lowered his frame into the seat. In the click of a synopsis he felt the chair slide out from beneath him, his body tumbling toward the screen like a Darb toward UASH. He saw a bright flash as his head crashed through the not undeserving Mac, then blackness. The author awoke, curled at the bottom of the Alley 7 stairs in a puddle of drool and those sticky little berry-like things. He staggered to his feet and looked around quickly. A dim glow was spreading across the dark morning sky, reflecting off the puddles of rainwater and crushed dreams. Or at least that's what he thought they were. Continuing on, he noticed bits of the lounge door lying strewn about, and ventured quietly into the lounge. Inside lay several dozen members of Dabney's off-campus community. He was quite definitely in Dabney, but something made it all feel like the end of a Math 1 proof: it just wasn't quite right and he had absolutely no idea how he had gotten there.

Suddenly he realized what it was. He wasn't sure how he knew, (and fortunately chose not to wonder) but somehow he was inside the story! He was trapped inside someone else's *Inside World* submission! But... the plot! Who would continue the story? He had to find Glacier Boy before it was too late!

Glaysch throbbed the slinky up and down in his left hand as he paced around the darkened kitchen. He was sure he was on the trail of the creature when suddenly he had lost it. He had searched the whole of campus to less than no avail. He had consulted his Blessed Text for guidance, but the energy had been drained from it as if it were the Coffeehouse shake machine. He drank from a blessed fountain he had come across while searching the tunnels, but alas, the tepid water was tasteless. He even considered asking his advisor for advice, but dismissed the idea as being to strange and unnatural. But now, he had to face it: he was alone and without a plot. Unfortunately, one of his problems was about to be remedied.

He heard a noise coming from down the hall; a door opening, the sound of feet suction cupping against the walls. Glacier Boy turned his shaggy head and looked down Upper Alley 7. He was presented with the potentially disturbing sight of a spindly parody of the human figure wedged near the ceiling of the narrow hallway.

"Hello, Clue Boy," Glacier Boy said unhappily.
"Hello Glacier Boy," Clue Boy responded.

"Where have you been?"

"I don't remember."

Clue Boy dropped gracefully to the floor and sat calmly at the table. He looked at Glacier Boy. Glacier Boy then climbed onto the counter and sat there, trying helplessly to remove his Birkenstocks.

"What did we do yesterday?" Clue Boy asked.

"I don't remember. The usual stuff." (Interesting and vaguely literary dialogue ensues.)

Much later, the two were still in the same spot, Glacier Boy still wearing his Birkenstocks.

"Let's go," Clue Boy suggested.

"We can't."

"Why not?"

Glacier Boy looked at Clue. "We're waiting for a plot," he said shamelessly.

"Oh." Silence. Clue Boy tapped his feet impatiently. "We could hang ourselves!" he suggested excitedly. Glacier Boy was unable to respond before the scene abruptly changed to somewhere near Alley 4.

Karen "Napalm" Bruner

Brian "Funky Guitar Dude" Craft

Michael DElerling

Chris "Waitin' for the Man" DuPuis

The Revren' Ryan Hamilton

Adrian "Sergeant" Hightower

Jake "Col. Mustard, with a long sword named Excalibur, in the Library" Holland

Monwhea "Mojo" Jeng

Yun "Sigmund" Kim

Susy "Cracker" Kohout

Karen "Kujo" Kustedjo

Heide "boingy" Li

Travis "Spacecloth" Maron

John "JCCh#" Marquis

Marko "MM" Milek

Michæl "Federal Express" Radford

Kurt "Reavis and BOC-Head" Revis

David "Satan" Simpson

Katy "Who Are the Brain Police?" Sippel

Steven "Frosty the" Skovran

Anatoly "Tolya" Spitkovsky

Heidi "Exile on Main St." Sutton

Kathleen "Faulkner #1 Rulez" Tozer

Adam "Prague" Villani

John "Wanker" Wenstein

Sophomores

Laura "Almond" Brady

Fred "Bonzo" Caldwell

Causange Crapelus "No Nickname Needed" Cagin

Bill "AAAAAARRRRGH!!!" Castillo

Andrea "Suck Me" Cavalluzzo

Dennis "Trylæn" Chang

Amalavoyal "Chari" Chari

Anand "Andy" Chelian

Rudi "Dreyfuss" Cilibrasi

Art "Haggis Lad" Clarke

Travis Collier

Jennifer "Yani" Copas

Kevin "Kat" Du

Chris "X" Echols

Daniel "Dan" Egnor

Gary "Hey Hey Hey" Fay

Robert "Tougher Than a Certain Igneous Rock" Granat

Francisco "Slurrrp" Gutierrez

Heidi "Helium" Hofer

Xinh "The Skin of Our Teeth" Huynh

Ravi "Nero Wolfe" Montenegro

Kevin "Kelvin" Neville

Miyabi "Deep Woods Off" Ota

Egon "Kramer" Pasztor

Anil "Bussalime" Roopnarine

Divya "Disney" Srinivasan

Damien "Phoenix" Sullivan

Iron Joe Trela

Eric "Demolition Man" Uhrhane

"Have You Seen A" Sean Vellucci

DabniFrosh

(a wholly-owned subsidiary of DabniCorp)

Shameel "Inner Fire" Arafin

Annaliese "Otto von Bismarck" Beery

Neal "Q" Dalal

Dann "C. Everett" Dempsey

Carrie "Mike Herrera" Griffin

Anna "Granny" Heimann

Cailin "May I see your ticket?" Henderson

Miguelito "Numero Uno" Herrera

Alison "Traction" Jackson

Hee "Keith Seitz" Kim

Seth "Clue Boy" LaForge

Sarah "505" Laxton

Rowena "r" Lohman

Alan "MacPhisto" McConchie

Aaron "Slick as a glacier and twice as cool" Passey

David "Kaiser Wilhelm" Sörgel

Chris "Torquemada" Walker

Eileen "Boo?" Wexler

Jennie "Clyde" Yoder

Diana "Kreskin" Young

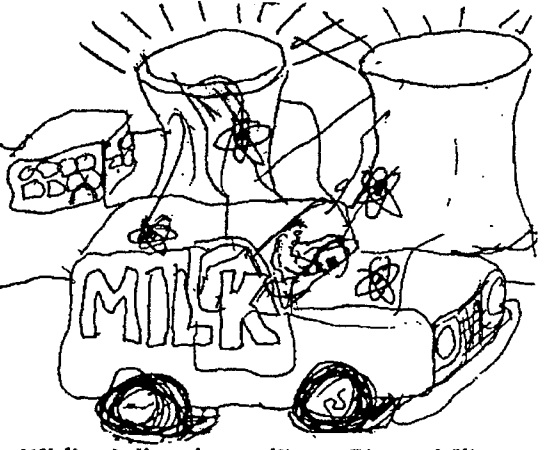
David "Fuck You Zito"

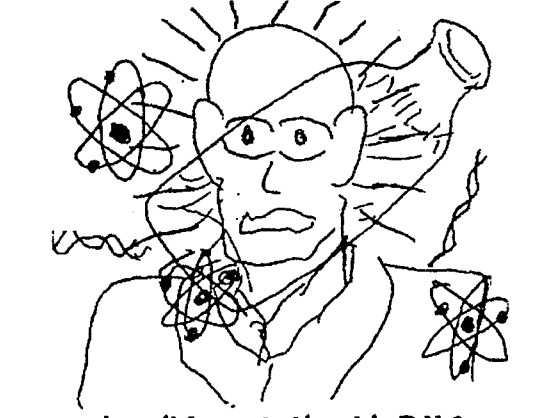
Rich "Sir Nose D'Voidoffunk" Zitola

This list is intended to include all Darbs not on leave. If it does not, we apologize.

Justice Junkies


by Rob Hanna and Myke Hoskins


While delivering milk at Three Mile Island, Mark Milk is radiated...


...horribly mutating his DNA and fusing it with the Milk Molecules in his truck!

This gave him the power to manipulate matter on a fundamental level, giving him the power to transform ordinary water into life-giving

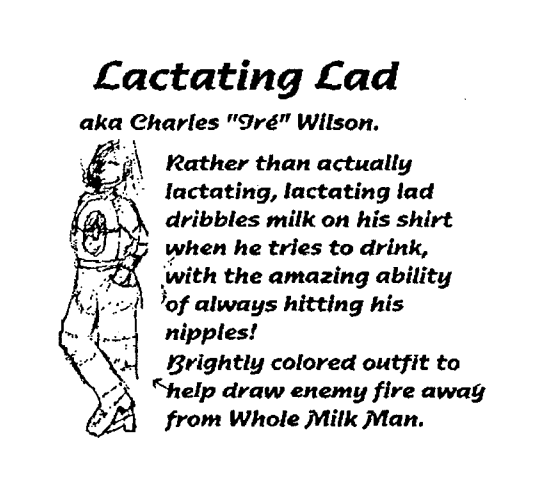
MILK!


He was Whole Milk Man! He felt forced to serve humanity after this point...
(to be continued...)

At their local support group, Highly Addicted Super Heroes, held in the basement of Baking Soda Boy, our heroes meet for the first time.

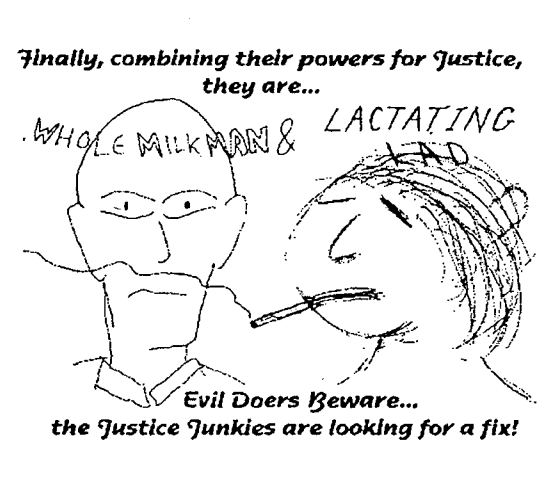

Baking Soda Boy! Check the fish!
Blueberry! Does anyone want a blueberry?
Empty's
BOY

Lactating Lad
aka Charles "Gré" Wilson.

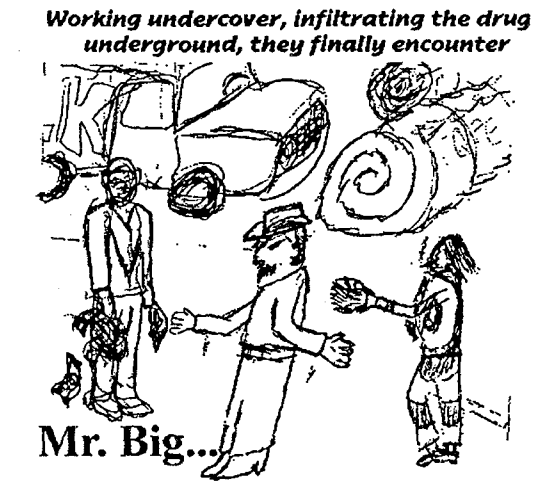

Rather than actually lactating, lactating lad dribbles milk on his shirt when he tries to drink, with the amazing ability of always hitting his nipples!
Brightly colored outfit to help draw enemy fire away from Whole Milk Man.

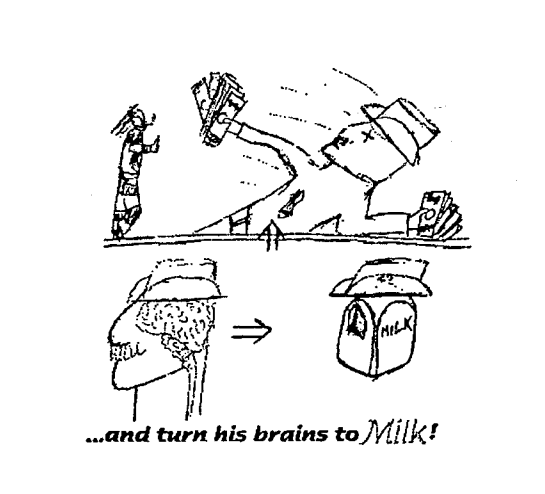
Finally, combining their powers for Justice, they are...

WHOLE MILK MAN & LACTATING LAD


Evil Doers Beware... the Justice Junkies are looking for a fix!

Working undercover, infiltrating the drug underground, they finally encounter

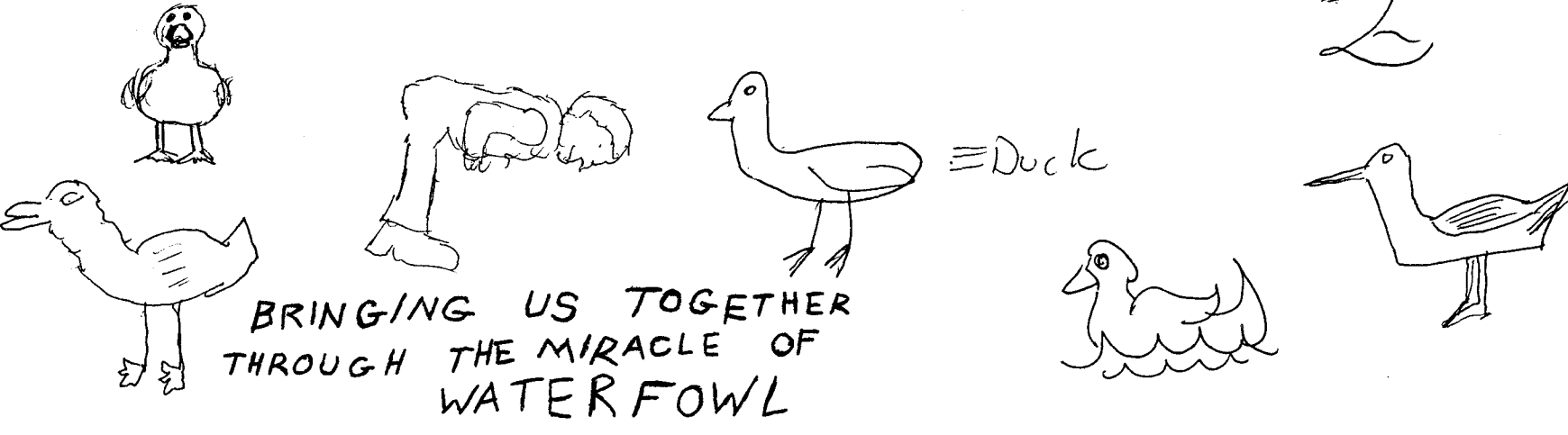

Mr. Big...


...and turn his brains to Milk!

JUSTICE WAS DONE...


And it was okay.

DUCKS ACROSS CALTECH


BRINGING US TOGETHER THROUGH THE MIRACLE OF WATER FOWL

Somewhere near Alley 4 the author stumbled like a penguin in heat, the sharp pain returning to his side. He clutched his ribs and leaned against the wall, sliding slowly down and collapsing across the worn green rug. The pain overwhelmed him, jabbing horribly to the center of his credibility. It was getting worse now, the longer he continued being so blatantly self-referential. With every sentence <aghh!> his credibility was chipped further away. He knew he couldn't last much longer.

But he had to go on. It was his mission, he knew, to guide Glacier Boy, to give him a plot and to help him save Dabney's future. He pulled himself up and staggered for the library door. He had to keep himself going, through the unbelievable torture. He had to keep his mind off it. Think of something, he told himself, anything! Think about some pleasant childhood memories like, uh, like ... okay, then, how about some unpleasant childhood memories? No, think about something else, think about that babe who lives down the alley! Or a nice Foster's donut. Or think about that annoying splinter in your finger from playing sweat on that crappy old table we got from Fleming. Ow! No, think about sleep! Yeah, that'll work. Sleep is good. No, think about the poor guy reading all this. Sorry, guy, whoever you are. Now wait, think about this big cold thing pressing on your face. Hey what is that?

The author <Ouch!> awoke lying face down at the top of the stairs, his cheek pressed against the damp concrete steps. The pain had grown, weighing painfully on him like something really really painful. He reached out and tried to pull himself up. He looked at his arm and noticed he was becoming transparent! He had almost lost all credibility! Soon he would completely phase out and vanish, leaving the story with no hope of a plot, but a great deal more believable. Could he make it in time?

"Hey, who's that invisible guy on the stairs?" Clue Boy asked suspiciously.

Glacier Boy turned. "I don't know," he said, striding over. He bent over the stranger, propping him up in his arms. "Who are you, weird invisible guy?"

The author tried to speak, but his lungs were too weak. "I..." the author wheezed, "I'm... the author of this..." the author coughed a bit of Death Spittle, then continued, "this pathetic excuse for an... Inside World."

The author coughed again, then grinned wryly.

Glacier Boy seemed unimpressed. "What about the plot?" he demanded, grabbing the author by the proverbial lapels. "Did you bring the plot?"

The author closed his eyes. "Yes... yes," he tried to say, his grasp on life slipping further with each passing micron. "The Librarian... Ian... and Mig... uel... ito," he whispered. He was silent for a moment.

"Yes? What about them? Tell me, you invisible fruit-cake!"

"You..." the author began painfully. "You must..." His words drifted off into incoherence, and then he disappeared, floating off to that great leave of absence in the sky.

Glacier Boy made an angered screeching noise and whined: "WHAT? We must do what? Come back! What were you trying to tell us? Please, come back! I don't understand!" Clue Boy walked over and stood where the author had just been. Glacier Boy looked up at him.

"What are we going to do now, man?"

"Hmm," Clue Boy said enigmatically, "I think I have an idea..."

“To TE this, buddy.”

CHEESE HOT DOGS: AN ADVENTURE IN ASSOCIATIVE THINKING

by S.

I HATES MEN!

by Jamie Simms

I don't like men.
I don't like you at *all*.
You're so nasty.

But also so foolish,
For you cannot dominate
me with frosting
Not with one layer, or two
Not with ice cream cakes,
nor pies, nor blintzes, nor
custard.

Soda, now that's a differ-
ent story.

NOSE PROSE

by Seth Noble

How flows the nose? How goes the woes? How goes the woes which flows from the nose? The woes in the nose flows I suppose since the nose's woeses wish you to issue a tissue to dispose of the woes in your nose. Were the woes in your nose not disposed by the issue of a tissue then the woes in your nose might fall to your toes in a fit of blows. With the woes of the nose in the toes I suppose the woes of nose would be the woes of the toes. With the woes of the nose in the toes the flows of the woes from the nose to the toes, as nose-to-toes-woes goes, would be loath to dispose by the issue of a tissue. So I wish you to issue a tissue to dispose of woes which blows from the nose and flows to the toes before the woes goes into flows and blows down to the toes. I guess that's just the way it goes.

A JOKE

by Seth B. N.

Two horses were walking
along fifth avenue. One
said to the other, "Hey, is
that taxi following us?"
The other responded, "No,
that's my mother." "Well
why is she yellow?" "Hell
with that, when did she
sprout wheels?"
[NOTE: That makes no sense.]

JOKE #3

Two horses were walking
along fifth avenue. One
said to the other, "Hey,
since when can I talk?"
[NOTE: That was supposed to involve a Taxi.]

HORSE RE- COMBINATION

"Look ma! I found my
leg!" "Guess we can take
the gun back."

ANOTHER

Two horses were walking
along fifth avenue. One
said to the other, "Hey, is
that taxi following us?"
The other responded, "So
what if it is?" "Maybe we
should take it back home."
"Hell no. I don't want to
carry that thing."

[NOTE: That was supposed to involve one of
the horse's mothers.]

RECOMBINA- TION

"Look ma! I found my
leg!" "Well, don't just lean
there. Go to the recombi-
nation center!"



world and end up right back where one started is that gravity has made a three dimensional planet seem two-dimensional and thus distorted not only our perceptions, but our movements as well. Returning once again to the previous night and a topic another good friend Eric had subsequently introduced, that of space warps caused by gravity, I thought, why couldn't gravity warp the entire universe as well as our perception of it? Imagine what humanity's surprise would be several hundred years from now if the Voyager probe were to suddenly return from the opposite direction! Having always assumed space to be limited to three dimensions, scientists would be at a loss to explain the phenomenon. But, of course, I will have long since figured out the reason for our round uni-verse: it has everything to do with cheese hot dogs.

THE BELLS

by S. Barrett Noble

The Bells. They sounded muffled and distant as they clanged in the wind. Almost every ship in the harbor had one to signal its presence in the fog, left over from the days before air and electric horns. The boats were all tied up now as light breeze blew in the heavy mist from the sea. From his stand on the rocks he could see barely a hundred feet across bay to the red lighted channel marker. Soon that too would vanish and he would see nothing but the waves and the rocks. Then they would vanish as fog grew too thick to even see his feet. It was as though he were walking through clouds. But he did have to climb up to meet them, they had come down to him. The marker slowly vanished into the white, leaving him to the cold fog and the sound of the waves crashing on the rocks. He started back along the break-water, careful lest he lose his footing on the wet granite and plunge into the frigid water. The fog was too thick for anyone to find him if he did. They wouldn't even hear his screams. The fog did strange things to sounds, it muffled them and changed their direction. Even the bells were almost gone, hidden by the mist. Only the crashing waves remained.

I had just sat down in front of my computer to enjoy my cheese hot dog and a video game when I discovered that the analog timer on my microwave had misinterpreted my instructions and nuked my lunch into a charred lump of meat, rock and dairy flakes. As I finished off the hot dog, and the game, the thought crossed my mind that this was not a very nutritious lunch; which reminded me of my Aunt Shelly, who lives in Los Angeles and works for Sunkist at Disneyland. Because of the high cost of living in L. A. she has to work two other jobs, lives in a tiny but expensive apartment with two roommates and often has nothing more for lunch than a hot dog from Sunkist. (I don't know if she puts cheese on it.) As I moved into my room to continue my back-to-school cleanup I realized that by Japanese standards my Aunt was actually paying a very reasonable amount of money for a somewhat large home. This conjured up images I had once viewed on television of Japanese suburbs which look just like American suburbs only squished together much like the effect obtained when big screen movies are compressed for television viewing. Were it not for that, I thought, walking through a Japanese suburb would be just like walking through an American one, except, of course, that one would be surrounded by Chinese. After a few seconds I corrected myself with the word Japanese but settled on Orientals since that covers both ethnic groups. But Orientals did not sound right either and, after all, what one would really be surrounded by, regardless of ethnic background, would be Far-Easterners, which I later realized is exactly what Orientals means. This seemed odd to me since I always thought of Japan as being West of the United States and not East. But then I realized that much of the nomenclature of the world is based upon convention. For example, the Middle-East is not really in the middle of the East, it's more to the west of the East. But, of course, this name dates back to long before anyone really knew just how far East the East went and to them, the Europeans who first started exploring this planet in earnest and considered Poland to be the Near-East, the Mid-East really was in the middle of the East. It then struck me as rather short-sighted of these explorers, who had never found the end to the East, to simply assume that the Mid -East was actually in the middle when, in fact, most of Asia lies to the East of the Mid-East with very little of it to the West. But then I remembered that these same explorers had always assumed that the Earth was flat and that it therefore had to end sometime.

Movement on the Earth is, after all, primarily restricted to only two dimensions, but it neither ends nor goes on forever. How puzzled these explorers must have been by this contradiction, I thought, when one of their own went East and then one day appeared from the West having never changed direction. It then struck me as ironic that even today's military, which must be ready to travel around the globe in a matter of hours, has to contend with two-dimensional movements that can only be explained by a three dimensional globe. Becoming intrigued by this metaphysical puzzle as I gave up my cleaning and sat down on my bed, I wondered what could possibly make two-dimensions expressible only in three. Then the words of my good friend Janet came ringing back from a peculiar discussion of the Voyager spacecraft and the slingshot effect the night before, "Gravity really screws things up, doesn't it? I mean, it just sort of bends things." Well, of course, this explained everything. The whole reason that one can head off in any direction in our two-dimensional

HAIR POETRY

by the mysterious Mr. N.

Noses speak proses to
roses.
Roses stike poses with
hoses.
Horses take courses with
cats.
Cats take showers with
rats.
Ratses eat cheeses.
Cheeses scare fleases.
Fleas fled.

HAIKU

by Jonathan Stuart

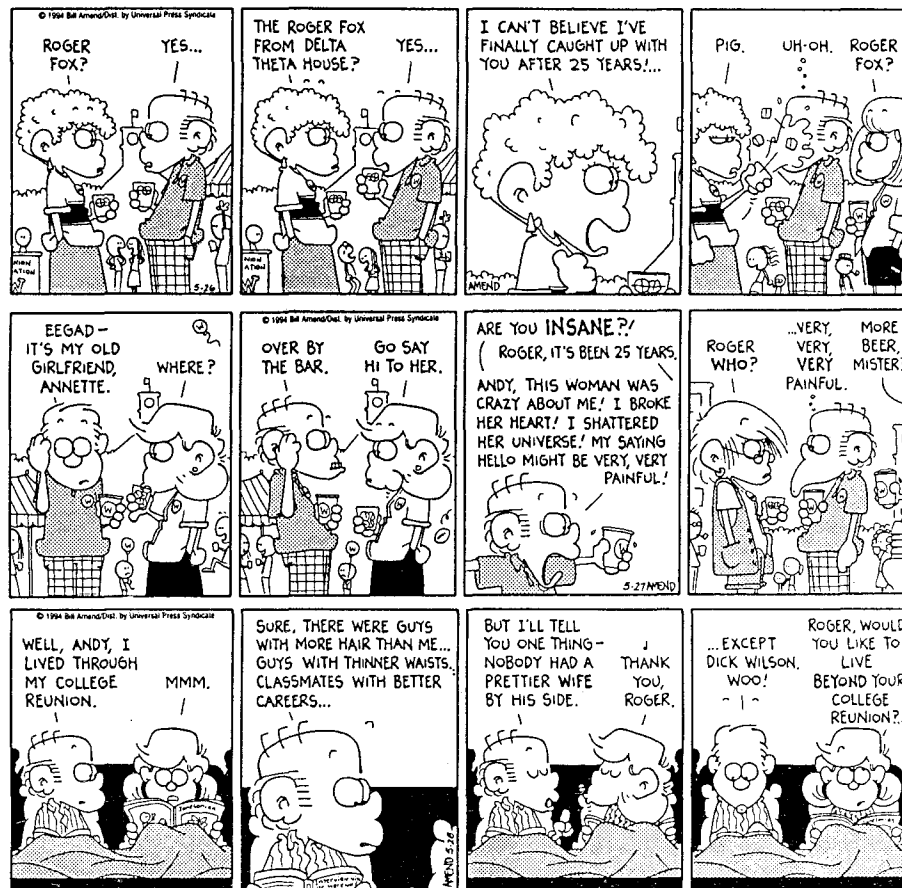
I fear castration.
A tree falls in the forest.
Hello, Miss Bobbitt.

E RULZ!

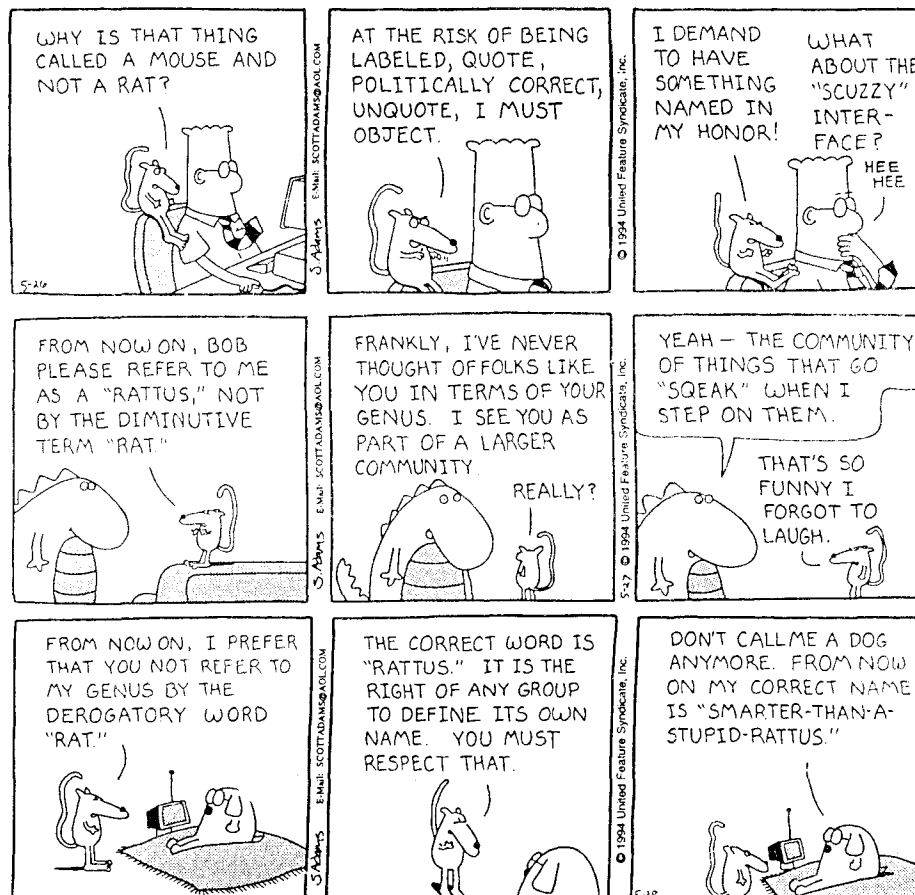
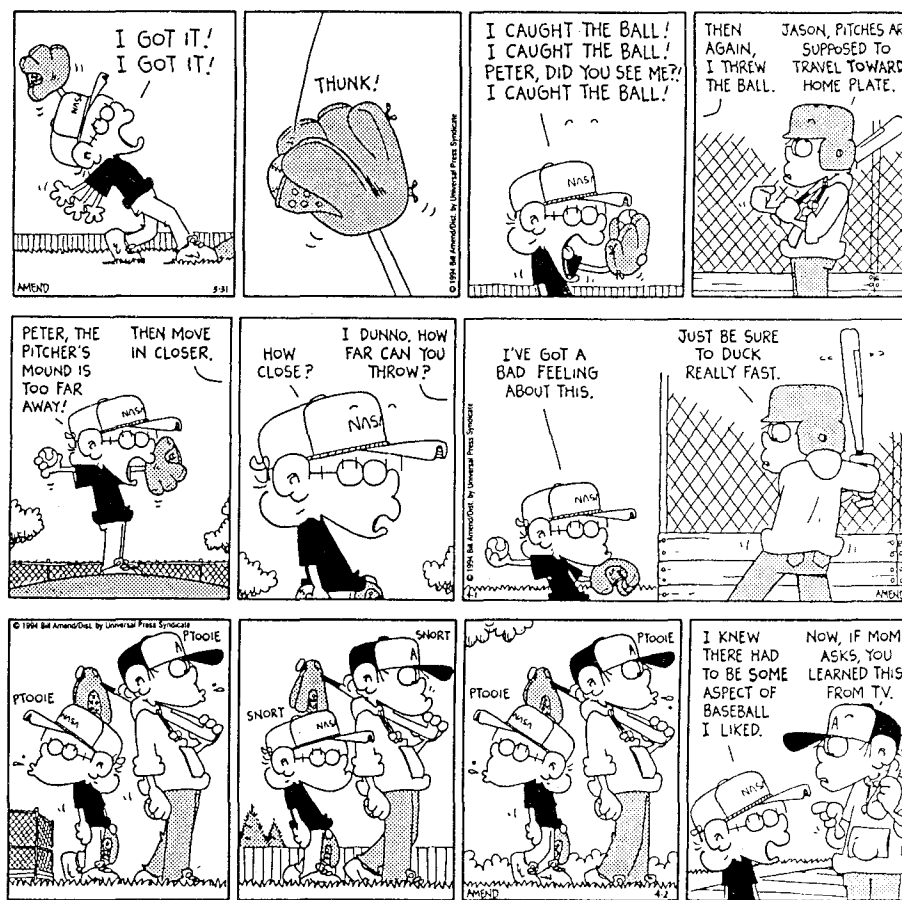
by Adam Jansson

e roolz!
It is the best!
It's like transcendental and stuff!
I love it! Don't you!





by Bill Amend

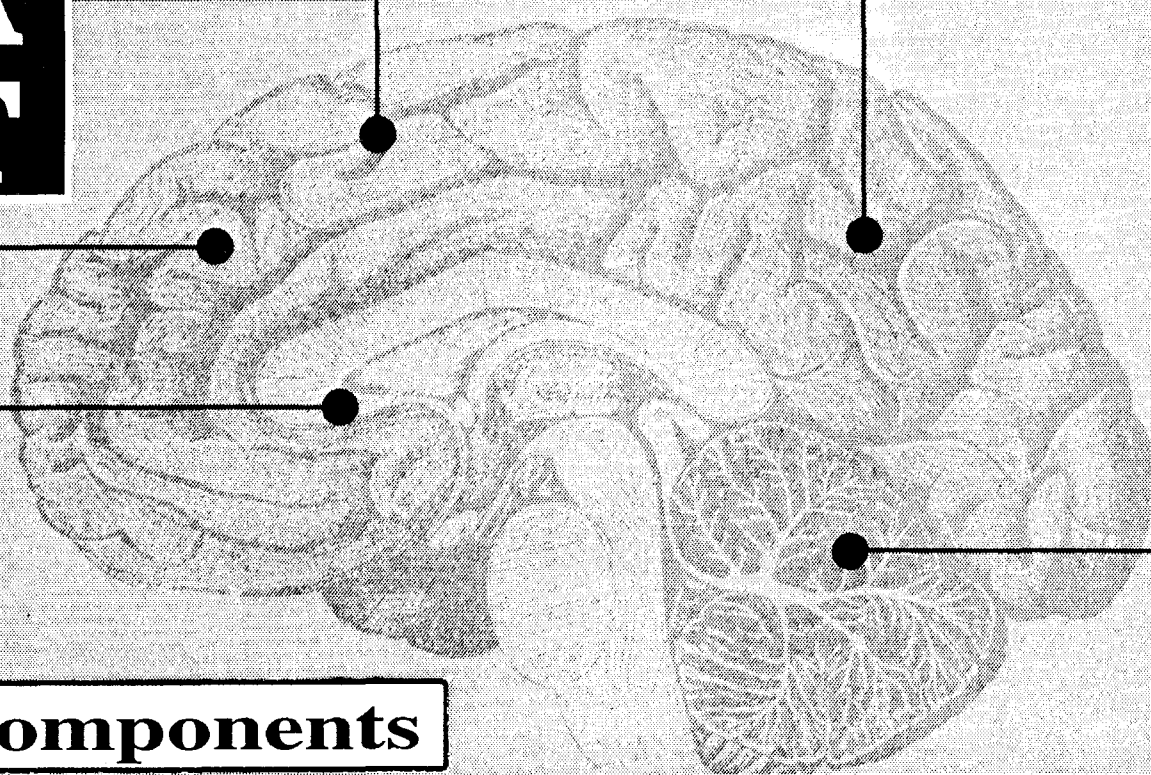


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June 2
June 18

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Mr. Troutfishinginamerica, Sir

A Social Commentary

by J. Random HercFrosh III and Lauren

Lets begin by introducing the objective of this column. It will hopefully be a semi-regular column designed to address the question, "Why are you all flaming idiots?"

Point One: Accept without proof that you are, in fact, all flaming idiots.

Point Two: Never question Point One.

Point Three: The authors are always right, even when they are wrong.

Point Four: Never question Point Three.

Point Five: This column is written with the express purpose of inciting thought, not riot. To this end, the views expressed herein are inevitably extreme and do not necessarily represent the opinions, thoughts or positions of the authors, editors, Caltech, or any sentient being alive today.

Point Six: Never question Point Five.

Point Seven: Above all else, never, ever forget Point Five.

Point Eight ("Point of the Week"): Lauren signs her name to this column only under duress "wink wink".

Today's Target: Gays' Rights

Much has been written lately in *The Tech* about gays' rights. Is their form of love valid? Should they be accepted by society? These are difficult questions that have spawned quite a bit of heated debate. We here at Social Commentary would like to officially make our views known on this

subject: we don't really care. What we would like to do is explore a closely related topic that never gets any attention simply because it's not politically correct. That is the subject of homophobes' rights.

First, we would like to say that their form of hate is valid. We are not saying that it's right to hate homosexuals; we are saying it's okay to hate anyone as long as one doesn't go so far as to actually physically hurt or emotionally torment someone (we also believe that too much is made of emotional damage, and in the interest of free speech, you should all be a little more thick-skinned). We have always been strong advocates of "free hate," and hate, unlike love, can be a one-way street.

The other important issue is whether homophobes should be accepted by society, because they certainly aren't now. We believe that they should. It is easy to dismiss the Bible-thumping homophobes as fanatics not wor-

thy of serious concern, so we will dismiss them. Instead, we will paraphrase an argument from an anonymous person who claims that he (or she) doesn't consider himself (or herself) a bigot and supports gays' rights but just doesn't feel comfortable around homosexuals. His (or her) argument goes something like this:

"Homosexuals are people and deserve the same basic rights as any one else. I know that intellectually, they pose no danger to me, but just the thought of homosexual behavior so physically repulses me that I feel uncomfortable being near anyone whom I know to be homosexual. I also know that I'm probably unknowingly around gays (i.e., closeted friends, etc.), and for me, 'ignorance is bliss.' I fully support the military's 'don't ask, don't tell' policy as I feel that what's really incompatible with the military is the homophobes' reactions to gays. Addressing the matter of equal opportunity in employment, (s)he adds: If I were an employer, I'd like to think I'd be fair and would not inquire about one's sexual ori-

entation. However, I feel that a private employer should be allowed to hire employees based on whatever criteria he chooses. If I wanted to deny employment to a gay person because I'd feel uncomfortable working with him, I'd be furious if the government told me that I couldn't."

We personally find this person's position appealing for several reasons. He (or she) doesn't attack gays from a moral standpoint—morality is all relative these days, and we're sure very few gays feel that what they do is morally wrong. The important thing is that he (or she) hates gays because he (or she) finds the sexual aspect of the 'homosexual lifestyle' repugnant. Well, if we can't hate people who make us physically sick to our stomachs, whom can we hate? We also believe that his (or her) opinions on the military policy and on employment (which, incidentally, are the same opinions we gave in an earlier article on affirmative action) were both insightful and accurate. Also,

he (or she) supported granting gays equal rights, specifically by virtue of being people. We would like to point out that the same argument gives equal rights to everyone else, including homophobes, which we believe is the right thing.

We would like to make one last comment on homophobic employers. Forcing any private employer (who will, of course, have his own prejudices) to make a hiring decision contrary to his personal beliefs, especially when it forces him to work with someone he's not comfortable with, is apt to create a hostile workplace. It is presently illegal for an employer to create a hostile workplace for his employees, but it is just as unfair for an employee to create a hostile workplace for the employer. We would like to propose that the employer's interests should take precedence in this situation for one simple reason: *He owns the place and it's his money that runs it!*

In conclusion, we'd like to say that everyone deserves equal rights, including bigots, so long as they don't physically harm anyone else.

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DORM FOOD CAUSES POOR SCHOLARSHIP

The leaders of education say that dormitory life is one of the most important phases of education. This may be true, or to put it ever stronger, only the best of men pass the course—others die off or suffer the horrible pangs of hunger. This seems to be true at Throop even more than at other places.

There is little incentive for a fellow to get up to such a breakfast such as follows: A dish of cold, pasty oatmeal mush or cornflakes, a cup of burned corn, a piece of cold toast, some so-called butter that would discourage even the most patient research chemist, three prunes, or at least, for simplicity, we call them prunes; for they resemble prunes in shape and color. At noon, when the meals are at their best, we have little fault to find. One common oversight on the part of the cook is to forget to mix the berries with the seeds

Conger Awards Made, 'Science Fallacy' Taught

Say What? 

 TFM is
that old?

in blackberry pie or to make apple pie by placing vast quantities of spice between the very generous crusts. These slightly annoying accidents give rise to such expressive names as "Spice Pie" and "Reed Pie." At night we have—but why sicken the patient reader.

The food is of such quantity and quality that the fellows are forced to eat four or six meals a day, three a day at the dorm and the others at a regular food house. It is reported that one sophomore found himself suffering from hunger about ten minutes after a Dorm supper, so walked down to Johnson's (an eating house supported largely by underfed Throop students). He spent a small sum on good food and then, not desiring to wait the customary half hour for a car, started to walk back. When he reached Lake Avenue he found he needed more food and walked back and spent more money. It is further reported that the exercise required in walking caused him to vomit several such meals. That is not all. The meals continued to be poor and he repeated these feuds several nights a week, whereupon he failed to maintain a passing grade in his subjects and was treated, as is so beautiful, stated on page 37 of our catalogue. We do not vouch for the truth of the above account, but repeat it for what it is worth.

The 58th Conger Peace Prize was won this year by senior history major John Bennett. Among other things, the prize winning oral essay suggested that Caltech could make a greater contribution to world peace by "teaching scientific fallacies." Second place was won by Zoltan Tokes whose oral essay proposed foreign study for Caltech students. Ken Kamm, third place winner, also presented a plan for foreign study. The contest was held last Friday in the Winnett Center. Judges for the contest were: Professor Roger Noll, former Conger Winner, Caltech economist; Professor Richard Hertz, Caltech philosopher; and Professor Howard Holladay, of the Communication Department of Cal State, Los Angeles. The prizes this year were \$100, \$25, \$20. A copy of the winning essay is available in the humanities office.



by Neil Jones

5/8-11/94 — A bike was stolen from the north side of 450 S. Catalina. The bike was secured to a bike rack with a chain (which had been cut) and a Master Lock. There are no witnesses. Perhaps \$100?

5/14-15/94 — 8:00 PM - 8:00 AM A Toshiba laptop (3100SX) was stolen from a staff member's office in Kerckhoff. There were no signs of forced entry; however about 30 people have keys to the room and the door is often left unlocked. Strike one for the Honor Code. \$3120.

5/16/94 — 2:00 - 5:00 PM A red Toyota Truck (model number unknown) was stolen from a parking lot on Del Mar and Michigan. There were no witnesses. Unknown value.

5/18/94 9:00 AM - 11:30 AM A tackle box was stolen from the back of a truck parked in the Holliston Parking structure. There were, again, no witnesses. \$125.

5/20/94 — 12:40 AM 2 teenagers broke into a car parked near the tennis courts and stole the stereo. The witness who notified security and the Pasadena Police Department was able to record the suspects' car license number and description. \$150.

5/20/94 — 8:30 AM - 7:45 PM Yet another bicycle was stolen from the south side of Steele. The bike was secured to a bike rack with a chain and a lock (notice a pattern here?). The lock was cut. \$110.

5/8-19/94 — 8:00 PM - 10:00 PM Dr. Bill Bing discovered a Kawai electronic piano (synthesizer) and case missing from the instrumental storage room in the Beckman Auditorium. There was no evidence of forced entry; however a lot of people have keys to the room. There are no suspects or witnesses. Strike two for the Honor Code. \$1600.

The moral of today's CIB — Lock your bike with a U-Lock, and don't trust anybody with a key.

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YNEWS

by Topher Hunter

Not much going on upstairs at the Y this week. However, for future reference:

The term is almost over, folks, and that means it's time to sign up for Decompression! Signups will be going around the houses this weekend. Come lend a hand and get a free T-shirt in the bargain. This term will see the return of *Senseless Death* for your Decompression entertainment. At last, we've found a comedy group that actually makes Techers laugh.

Also, many people have been coming to me for info on the Y Hike. If you want to sign up, go to the Y (upstairs Winnett, folks—it's not a long trip, and we'd love the company!) for an application. The hike will be going out of Devil's Postpile National Monument, running from the 11th to the 17th of September, getting us back in time for Frosh Camp. Filling out an application doesn't mean you have to go, but if we don't have one, you definitely can't, so come on by.

That's all for now, folks!

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perhaps more detailed) response pool generated by facilitating changes that would affect those filling out the questionnaires, rather than next year's students. Because ombudsmen can — and should — play a central role in teaching quality feedback and serve as a conduit for communication between professors and students (although students "at large" should always be encouraged to speak directly to their professors), it seems reasonable to charge them with the distribution and collection of mid-term questionnaires, as well as with discussing these evaluation forms with the professor. In many departments, the ombuds system is either not taken seriously or not simply not put to use — this is partly the result of student apathy and/or feelings of intimidation, as well as the existence of different feedback systems among the divisions. Restructuring and coordinating both the ombuds and teaching evaluation systems should lead to significant improvements in student-faculty communication, and will be explored in depth this summer by a committee set up by the Dean of Students.

Finally, the core curriculum is undergoing its own restructuring under the auspices of the Core Curriculum Task Force, an ad hoc faculty-student committee convoked by the Faculty Board chair. Its members will be toiling away through the end of this academic year and into the summer, to hammer out the final draft of a proposal to change the core, in a manner consistent with the proposal presented at the conference. As you may recall, the "Fundamentals" proposal's basic philosophy stated that the "core curriculum should provide a broad education with an emphasis in the sciences, allowing students to address the complex, interdisciplinary issues that are critical to future advances in science and technology." As such, "the core should be revised to include material from the life and earth/space sciences, revise core mathematics to better coordinate with other core courses, and include an independent project course." Consistent with these objectives, students would be encouraged not to specialize during their first two years at Caltech, with the ramification that each option would be structured such that no more than two years would be required to complete its program. The most far-reaching changes in the core would be the addition of a full year of lab, courses to develop communication skills, and freshman seminar. Many details need to be worked out, but hopes are high that implementation of the proposal will be ready to put up to a faculty vote before the next academic year.

BOD Bylaws

value; nowadays, the staying-on period is negligible (the current BOD was installed on March 1). In addition, it takes several weeks after the end of the fiscal year to prepare the books for audit. Amendment 5 removes the requirement for the treasurer to stay on. The detailed budgeting process,

adopted a few years ago, is to be stricken, leaving the basic original requirement of adopting an annual budget. Many of the details currently specified in the bylaws are better placed in a Resolution to allow flexibility and finding more effective methods to execute the budget process. One change, which on the surface looks major but does not actually change anything but the text of the

bylaws, is the removal of the redundant phrase "without vote" in the clause where the Vice President acts as Chairman of the Board of Control. The duties and restrictions on the BOC chairman, including not having a vote, are spelled out in Article VII—The Board of Control of the bylaws. As the ASCIT bylaws have changed over the years, some changes to the bylaws have been adopted that

would appear to prohibit longstanding practice. For example, the requirement that the Big T editor be a registered undergraduate might have been interpreted to prevent many editors from finishing their book over the summer because they were seniors who had graduated in June. A new clause has been proposed that will cover this and similar situations automatically.

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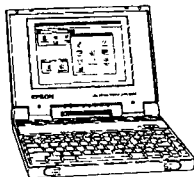
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Events and Notices

Notices

***Ballroom Dance: Last chance!** Scott Driggs and Jessica Barnett will be teaching one final dance class. Tango, cha-cha, waltz or swing depending on our moods and the interest of the class. ASCIT is providing juice and cookies! Thursday 9 to 10 p.m. in Winnett Lounge.

TACIT Auditions for "Julius Caesar" will be held in Winnett Lounge on May 28-30 from 2-6 p.m.

1994-95 H&SS Course Schedules—Preliminary schedules of courses to be taught in the Humanities and Social Sciences during the 1994-95 academic year are available in 228 Baxter.

Students traveling in Europe this summer can pick up a copy of "Europe Through the Back Door" from Lauren Stolper in the Fellowship Office in Lloyd House. The June-October edition contains an interesting article on women traveling alone, information on Eurail passes and lots of helpful travel tips and resources. Copies are limited to those on hand so stop by soon. Call x2150 and spell your name and give your box number of mail code to have a copy sent via campus mail.

Attention Campus Employers! Do you have a job that a Caltech student could do for the summer—office work, lab work, any odd jobs? You can advertise them in the Career Development Center. Please call x6361 or visit us in Room 08 Parsons-Gates.

Coming Events

***Friday Noon Chamber Music**—this event will take place at Dabney Lounge and will feature French, German, and Italian Baroque plus chamber music by opera masters Mozart and Glinka. Lunch

is provided. If you can please arrive early so music can start at 12:05.

The Caltech Y has tickets to the Renaissance Pleasure Fair. Tickets for adults are \$10.50. All tickets are good until June 12. Come by the Caltech Y and get your tickets today.

Conquering Cancer: From the lab to the clinic. Wednesday, 1 June, 1994 at 7:30 p.m. in Ramo Auditorium. This symposium offers an opportunity to learn about the interface between the basic research being done in the laboratories at Caltech and the clinical applications of that research taking place at USC/Norris Comprehensive Cancer Center.

Club Announcements

***Caltech Space Society** presents David Lee, a mission scientist for the Second International Microgravity Lab. He will be discussing his project to be launched on the shuttle and the preparations for the upcoming mission. The presentation will be on Monday, 30 May at 7:30 p.m. in the Salvatori Room, South Mudd. All members of the Caltech community are welcome. There will be a reception following the presentation.

***Come and be part of the action** as the **Entrepreneur Club** have elections, present its constitution, and plan future events on Thursday, June 2 at 8:35pm in Winnett Clubroom #1. Refreshments will be served and everyone is welcome.

***The Caltech Chapter of the National Society of Black Engineers (NSBE)** will have its last meeting of the 1993-94 academic year on Thursday, June 2. It will be held at 287 South Hill (the Office of Minority Student Affairs) at 5:00 PM. Everyone is welcome to attend!

Caltech SEDS meets every Sunday evening at 9 p.m. in 107 Downs to discuss and plan for its \$4 million satellite proposal. Help is needed from undergraduate and graduate students, and advising is needed from research fellows,

faculty and staff. Experience with space hardware of with specific experimental subsystems (gamma-ray astrophysics and atmospheric chemistry) is not necessary. All members of the Caltech/JPL community are welcome. Contact Ben McCall at x2902 or bjmccall@eco.

Fellowships and Scholarships

The **Kirby Company** is continuing its annual college scholarship program, "Makin' the Grade." Scholarships range from \$250 to \$1000. Participants work as full-time and part-time independent Kirby dealers during June, July, and August, competing for monthly scholarships based on sales performance. For more information, contact your local Kirby distributor, call (216) 228-2400, or write The Kirby Company, 1920 West 114th St., Cleveland, OH 44102-2391.

Marshall Scholarships allow students who have U.S. citizenship and an A- GPA (not counting freshman year) to study at any university in Great Britain for two years. The Marshall is one of the most distinguished fellowships and is sponsored by the British government to commemorate the humane ideals of the Marshall Plan. Applicants should be graduating seniors (that's you current juniors!) or graduate students who will be twenty-five or under as of Oct. 1, 1994. Applicants may study in any discipline at the undergraduate or graduate level. Last year over 800 applicants nationally competed for forty awards. If you signed up on the summer fellowship mailing list for the Marshall you will receive an application shortly. If not, call Lauren Stolper at ext. 2150 or e-mail Lauren_Stolper@starbase1.caltech.edu to request an application. Married students may apply and generous spousal support is available. The awards for single students are valued at over \$40,000 for two years of study.

Fulbright Grants for Graduate Study or Research Abroad provide funds for graduating seniors, grad students, or post-docs to study or do research in over 90 countries throughout the world. Grants are for one year and fund travel, tuition/fees, and a living allowance. This is a great opportunity for graduating seniors to go abroad and for grad students who want to study or do a post-doc outside of the U.S. U.S. citizens may obtain information and an application from Lauren Stolper, x2150. International students can contact Lauren Stolper to determine if their country participates in the Fulbright program. Those who signed up to receive Fulbright information on the Fellowship Summer Mailing List will receive information shortly.

Summer Work Study—Information and applications for 1994 Summer Work-Study are available in the Financial Aid Office. If you are interested in Summer Work-Study, please submit the required application as soon as possible, but no later than *June 1, 1994*. Your entire financial aid application must be complete by June 1 to be considered. If awarded, the work-study funding will begin with the July 4th payroll period.

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

***Horizons Magazine** is offering a scholarship for students of Vietnamese ancestry. Undergraduate students who are under 28 years of age may apply. Applications must be postmarked by *August 5, 1994*.

Jewish Family and Children's Services is accepting applications for student loans, grants, and scholarships of up to \$5000. Jewish students who are residents of San Francisco, the Peninsula, Marin or Sonoma Counties (for scholarships and grants), or residents of

the Bay Area (for student loans), and who demonstrate financial need and academic achievement are eligible to apply. To receive an application, call (415) 561-1226 or come to the financial aid office. *Applications are accepted throughout the year.*

The John Gayles Educational Trust is offering financial assistance to Canadian and American citizens. Selected students will receive up to \$2,500. A minimum GPA of 2.7 is required. *Deadlines range from April to November.* For an application, send a self-addressed, stamped #10 envelope to: The John Gayles Education Fund, Attention R. James Cogle, Administrator, P.O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B 5G4.

The National Hispanic Scholarship Fund is offering scholarships to qualified Hispanic students. Applicants must be full-time, day-time students who have completed a minimum of 15 college credits and are U.S. citizens or permanent residents of the U.S.. The deadline to submit applications is *June 15, 1994*.

The Asian Pacific Women's Network, Los Angeles, announces its 1994 scholarship program. Four \$1000 scholarships will be awarded to women of Asian or Pacific Island ancestry. Applicants who are attempting to make major life changes by pursuing new careers, and recent immigrants who are studying English as a second language are especially encouraged to apply. All eligible applicants must reside in one of the Southern California counties. The application deadline is *June 30, 1994*.

The Bakersfield Desk & Derrick Club is accepting applications for the Wilma Addington Memorial Scholarship. Applicants must be Kern County residents, and must be pursuing a degree in an energy related field. Application in letter form should be submitted to the following address: Jan Walker, Chairman, Desk & Derrick Club Scholarship Committee, P.O. Box 11064, Bakersfield, CA 93389-1064. The Financial Aid Office has more details. Applications are due *September 1, 1994*.

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