

Pumpkin Drop Supremely Lame

by Lindee Goh

"Dammit throw down the f*%# pumpkins!"

"Pumpkins, pumpkins. We want pumpkins!" chanted the growing crowd at the base of Millikan Library.

What's all this? Yup you got it, the deadly Pumpkin Madness hit Caltech again this year as All Hallow's Eve approached. Waiting in the chilly night air, the crowd grew restless as they waited in anticipation for the annual "Great Pumpkin Drop" to take place. Pumpkins frozen in liquid nitrogen for a couple of days were to be dropped off the top of the library as part of one of the "great" Tech traditions.

The mood of the crowd, however, grew ugly as midnight passed with no pumpkins appearing. Finally, the Darbs (Dabney House organized the drop) atop Millikan took pity on the crowd

and dropped one pumpkin off the roof. A yell went up from the crowd as the pumpkin shattered against the pavement giving off a cloud of nitrogen vapour. After the excitement of the first drop, things just were anti-climatic. Two more pumpkins were dropped with little effect, no blue flashes due to crystal bonds breaking were seen (they seem to spotted only every five years or so), some eggs were tossed about the crowd and blamed on the Darbs, cold pumpkin bits drizzled on everyone, and the general comment was "This is supremely lame."

There were some positive responses to the drop though. A "dropper", a green-haired Darb who wishes to remain anonymous, wishes to commend the crowd on their ability to count and declared that "The view was definitely great from the top."

Cross Country Runs

by Chris Campo

SCIAC cross country finals were held Saturday, October 28, and the Beavers were there to do business. The meet was an important one, as far as conference standings go, because a teams place in the meet counted for one half of its season record. The other half of a teams record is given by its performance against other teams in dual meets during the season.

The men finished fifth out of the seven conference teams in the meet, beating Whittier and LaVerne. Since the men beat Occidental in the dual meet last week, however, they finished tied for fourth with Occidental in the overall conference standings. The women finished sixth in both the meet and the final standings, beating LaVerne.

The Men

For the men, the bill of course was a grassy eight kilometer race punctuated by a long gradual uphill and a short steep uphill, both of which the men ran twice. The men score 134, defeating Whittier (164) and LaVerne (incomplete team), but losing to Claremont (27), Pomona-Pitzer (56), Redlands (56), and Oxy (108).

As predicted, the deciding factor between Tech and Oxy was that under the invitational scoring in the conference meet, a good place by Oxy's number one man Jose Garcia (7th out of 44 runners) assured them the win.

The highlight of the Beavers' performance was that the top four

Techers finished within a mere 25 seconds! This indicates that Tech possesses a strong, tight Beaver pack which is difficult to break up. First for the Beavers, at 23rd place in a time of 28:13, was Dan Flees.

One spot back, with a time of 28:21, was freshman runner John Freeman. Freeman's admirable performance showed that he is coming on strong at the right time, the end of the season. At 26th place, just ahead of Oxy's third runner, was junior Scott Kister. Kister's time was 28:29. Finishing just behind the Oxy's third runner, at 28th place in 28:38, was Chris Campo.

Tech's fifth runner, Mark Lytle, occupied 33rd place, cruising to a time of 29:43. Dan Lipofsky, still dealing with an ankle injury, finished in 30:49 at 36th place. Tech's seventh man was Jonah Michaud, at 40th place. Michaud's time was 31:50.

Because the rules of the conference meet requires a team to designate seven scoring runners prior to the meet, records are kept only of those scoring runners. Therefore, the times of the other runners, who are non-scoring, non-placing participants, are not available.

Nonetheless, it should be mentioned that Mike Mahon, Kade Larson, Todd Walker, Mike Ida, Paul Socolow, Mark Land, Truxton Fulton, Ric Oliver, and William Watson raced the course.

The Women

Caltech scored 159 points, losing to Pomona (49), Claremont



Some random Darb prepares to throw a pumpkin into the crowd.

photo by Matthew Fetterman

(57), Occidental (63), Whittier (67), and Redlands (114). The Beavers did avoid being the spanky of the conference by defeating LaVerne (179) and thus bestowing that distinction upon them.

Leading the Beaver Brigade was freshman Amy Hansen. Amy motored to a time of 22:34 over the 5 kilometer course, finishing 27th in a field of 47. Amy's time bettered her previous record by over one minute. Liz Warner turned in an excellent performance, finishing at 30th in 23:05.

The third Beaver, crossing the line three places behind her tough as nails teammate, was Aimee Smith. Aimee turned in a time of

continued on page 4

Crime and Incident Beat

- 10-18A drum stool was stolen from the Jam Room in the Winnett Cetrer between 22:00 and 20:30 the next day.
- 10-1917:55 A panhandler was found soliciting money for window washing in the Chester parking lot. Caltech security advised him that he could not solicit or importune money on the Caltech campus, was trespassing and would be arrested if found on campus again.
- 10-21 The Flems had their refrigerator raided. Losses included: four frozen dinners, three frozen pizzas, two 6-packs of soda, four apples, one gallon of milk and a box of cookies. No suspect identified in this extreme act of malice.
- 10-2200:15 While locking Mosher-Jorgensen graduate house a Caltech security officer fell on stairs and twisted his ankle. Another security staff member escorted the wounded officer to the security office. He was relieved for the rest of his shift.
- 10-23 An unlocked bicycle was stolen from the south entrance to Steele.
- 20:30 An unidentified person found a wallet containing ID but no cash. The wallet was brought to the security office; attempts to phone the apparent owner were unsuccessful.
- 10-24A wallet was stolen from a victim's purse in a Watson lab between 16:00 and 18:00. The lab door was open.
- 10-24A locked bicycle was stolen from the rack located between Page and Lloyd. The incident occurred between 17:00 and 15:00 the next day.
- 10-26A Tektronix oscilloscope was stolen from a Bridge lab. The door was locked when the witness left for the evening. The next morning the door was unlocked and the scope was gone.
- 10-26An unlocked bicycle was stolen from the Lloyd House rack.
- 10-2715:45 A hoodlum was observed wandering in Millikan Library, mumbling and talking to himself. A witness phoned Caltech security. Security approached the hoodlum, informed him he was trespassing and would be arrested if he returned to campus. Security escorted him off campus. Later he was seen again on campus. Security called the Pasadena Police who promptly arrived and arrested him.
- 10-31A Page resident noticed at 8:00 his wallet had been missing since 22:00 the previous day. Later the Pasadena Police phoned and told his roommate that the wallet had been found in a trash can elsewhere in Pasadena.
 Total estimated value of items stolen from 10-19 to 10-31: \$2099.

WEEKLY SPORTS RESULTS

Day	Date	Sport	Opponent	Results
Sat.	10-28	Cross Country	SCIAC Championships	men 5th, women 6th out of seven teams
Sat.	10-28	Football	Mexicali Institute of Technology	14-8
Wed.	11-1	Water Polo	Claremont-Mudd	2-20

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri.	11-3	12 noon	Water Polo	SCIAC Final Round	Caltech
Fri.	11-3	2:30 pm	Soccer	Loma Linda University	Loma Linda U.
Sat.	11-4	8:00 am	Water Polo	SCIAC Final Round	Whittier
Sat.	11-4	1:00 pm	Fencing	UCLA	Occidental
Sat.	11-4	1:00 pm	Football	Cal Poly Pomona	Cal Poly Pomona
Sat.	11-4	2:00 pm	Volleyball (W)	Mt. St. Mary's College	Caltech
Sat.	11-4	All Day	Wrestling	Cerritos College Tournament	Cerritos College
Sun.	11-5	12 noon	Water Polo	SCIAC Final Round	Whittier
Sat.	11-11	10:00 am	Cross country	NCAA Reg. III Championship	TBA
Sat.	11-11	1:00 pm	Fencing	USC	UCSD
Sat.	11-11	1:30 pm	Football	Norwalk-Santa Fe Springs Outlaws	Caltech
Sat.	11-11	1:30 pm	Volleyball (W)	Christian Heritage	Christian Heritage
Sat.	11-11	2:00 pm	Basketball (V)	Alumni	Caltech
Sat.	11-11	4:00 pm	Basketball (JV)	Alumni	Caltech
Sat.	11-11	All Day	Wrestling	Cal Poly S.L.O. Tourney	Cal Poly S.L.O.

Letters

Racism at Florentine Gardens

To the Editors—

On the night of September 28, 1989, our organization, Asian Alliance of Occidental College, was refused admission to Florentine Gardens of Hollywood. This refusal was initially based on blatant discrimination, later to become a racial issue.

Their radio commercial on station Power 106 stated that all students with a college ID would be allowed admittance to Thursday "University Nights." When such an advertisement is made, one assumes an inclusive invitation to all college students, including junior colleges, not only students of universities or four-year colleges. After advertising such an open invitation, they cannot screen people selectively at the door based on their looks, sex, or race!

Upon arrival, we were rudely greeted by the "bouncers" who claimed that Occidental College was a junior college, and so we could not enter the establishment. For the purpose of delivering them from pitiful ignorance, we stated that Occidental College is a highly rated four-year private institution. The members of our organization and the bouncers got into a discussion about this point that apparently irritated one of the bouncers (who refused to give his name). At that point, the ignorant "head bouncer" decided that our group was not going to gain admittance and ordered us off their "private property" immediately. We refused for three main reasons which irritated him further: 1. We had to wait for the other students who were coming shortly thereafter; 2. We needed to inform those students who had arrived early and already gained admittance about our unexpected/unanticipated early departure; 3. We wanted to know the reason why he was refusing to "serve" us. Apparently, he felt that his authority was threatened and he refused to reason with us.

When the remainder of our group arrived, the bouncers, in order to keep us all out, decided to apply a dress code that prevented our men attired in baggy pants from going in; they were dressed in suit jackets and ties. Right behind us, however, were a group of men in baggy pants who were allowed admittance even after we had been denied the same privilege because of our "inappropriate" dress. In that group, there was a man in blue jeans with holes (talk about inappropriate dress!)—what happened to the dress code?

Meanwhile, the bouncers

demanded to see ID's from two of our "shorter" women members, very intelligently "figuring" that if these two women were short they had to be under age. They inquired whether the rest of our group, whom we were waiting for, was as short as these two women, implying that if they were they would probably be required to prove their ages. They said that they don't always check, and hinted that short people usually caused suspicion. Not only were they incorrect in assuming that height is directly proportional to age (if it were, shorter people would be forever young), they failed to realize that some of our "taller" members who had already been admitted in without requiring any form of ID's were actually under age. "Looking" old is not an adequate criteria to ensure that younger people do not gain admittance to night clubs.

The bouncers kept on harrasing us and called the police. When the police came, we were told by the officers that they had the right to refuse service to anyone and that there was no law against discrimination. What about our civil rights? There are obviously laws against discrimination or else people of color would still be sitting in the back of buses!

There was another group of Asian students from USC who were not allowed in that night. The same brain-less bouncer said to one of their men, "You're Japanese!" The student replied, "No." The bouncer continued, "Well then you must be Chinese! Either way, it doesn't make any difference because there are too many of your 'kind' in there already." For his information, this Asian man was neither Japanese nor Chinese, but because of his Asian face, he was going to be unjustly denied admission because of his race—pure, unadulterated racial discrimination! Is there a quota on how many of "our kind" can get in each night? A third group of Asian students who were not allowed in that evening were refused because one of the men were wearing tuxedo pants. Does the dress code say that you cannot over dress? So what exactly is the dress code, anyway? And why does it apply to some and not to others?

To prove that this is not an isolated incident, and that such discrimination has happened repeatedly, we would like to cite you two examples from the recent past. A few weeks ago, a number of black students, also from Occidental College, were refused admittance because some of their members were wearing turtle-necks! The second incident was of a caucasian man who called the

management to complain that he was allowed in but not his Asian friends whom he was with.

On the day following the night of this incident, to wit, Friday September 29, 1989, our members spent the entire day trying to get in touch with the management. One of the parking attendants suggested this course of action on the eprevious night, saying that the manager is in during the day to take complaints. So he said, but much to our consternation, this turned out to be a deliberate lie. There was no manager working during the day, and not a single person answering the phone. Consequently, we were forced to return to Florentine Gardens that same day to try to see a manager. It turned out that there were three people with the title of "manager," but none were at Florentine Gardens nor would they be there until late in the evening. There was no one of authority present for us to see and go to with our complaint. We left a message for any one of the three to get in touch with us, but we could not wait indefinitely. Had they returned our message, it would have saved us trouble and time, but no such luck.

On the whole, we were offended by the bouncers' rude and bad attitude, profane language, harassment, their unjustifiable basis for discrimination, their inconsistent application of the rules, their unwillingness to answer questions in a civil manner, their abuse of the right to private property and the right to refuse service to anyone; their false advertising, the embarrassment it caused us, and the time we had to waste in a futile attempt to get in touch with the management.

Unfortunately for those bouncers who thought we were only joking or bluffing, we would like to bring to your attention that we are in the process of pursuing this matter through other means as a result of the reluctance of Florentine Gardens' management to take us seriously and communicate with us. The issue of discrimination cannot be taken lightly. Until appropriate justice is achieved, we are ready to take all the actions necessary to reach our goal. We are ready to join with all the colleges and universities in this area and have publicized this incident in the *L.A. Times*, *The L.A. Weekly* and at all the local colleges and universities. We have the full support of the administration of Occidental College, and we implore you, the entire student body, to take this very personally and to take the initiative to act upon it. Please support us by boycotting all Florentine Gardens locations and start a petition in your school to your local politicians. We are in the process of organizing a public demonstration of our outrage in order to further inform the public of this important racial issue.

It is crucial that all the students

join hands and fight together to prevent any forms of unjust discriminations from happening ever again, anywhere. If you are concerned about this in any way and wish to help us, contact Asian Alliance through Soah Kim at (213) 341-4097 or Elaine Hsieh at (213) 341-4309.

—Asian Alliance of Occidental College

An Open Letter to the MOSH

The nudity and sex issue has helped to create, perhaps not all by itself, a chasm between you and the undergraduates. In discussing this, I will leave out the details of my involvement, and be as objective as possible.

I am only aware of your position on this issue by what has transpired between us (2 short question and answer sessions) and by what was related to me by Rich Reid during a four-hour conversation on Tuesday the 31st. I think I am one of only a handful of students, excluding the IHC, who has any concept of where you're coming from. You seem to have had the role of disciplinarian thrust upon you. You trusted the students to comport themselves in a manner that you (and, as it came out, basically all of Dabney House and most of the students involved) deemed appropriate. The students took this trust as a license to act as they wished.

Upon the release of the decision that you and the Administration made about the housing and PNG status of those involved (Persona Non Grata - the person is barred from certain areas of campus), loud cries of "Unfair!", "Louis is just a retaliatory hothead!", and so on went up from a lot of undergrads, particularly in Dabney and Ricketts, the affected houses. Leaving the issues of the acts, their morality, and the severity of the punishments aside, a more far-reaching and potentially destructive problem has developed. A large number of undergrads now feel threatened by your power and position, and some feel threatened by you. This is the real problem. Let me stress: No blame is being assigned! We have a problem, and it must be resolved in such a way that the trust between the students and the MOSH is restored. Only in that kind of atmosphere can students (in general) grow and learn to deal with the real world in a non-antagonistic manner.

The students seem to be equivalent to children and you to a parent. The students seem to have an attitude that says, "This (Tech) is our own special world, and we have the right to act however we want, because we have the Honor System!" The students must learn that Tech is a part of the real world. They must grow up, figuratively, into adults capable of following society's rules and principles. I'm not

talking about whether or not you drive over the speed limit or happen to do drugs; I am referring to the abrupt exposure of persons unknown, perhaps with real problems with nudity or sex in any form, to a public spectacle which could really hurt them, mentally or emotionally. The fact is, if you break society's rules or throw them away, and possibly hurt people doing it, the Administration simply can't risk having it happen again. When this 'growing up' occurs, then you can trust the students again, rewarding yourself with fewer hassles, fewer instances of you having to watch over their shoulders, and more opportunities for you to interact with the students on a personal basis: as a guide, not as a parent/disciplinarian.

At this stage, the alienation that the students feel is due to their not understanding what's going on in your head. This alienation will lead to paranoia, making them act more like children, continuing the vicious cycle of widening the chasm into which we have fallen.

I care about this issue, and I care about having a MOSH who isn't an object of mistrust and suspicion. The MOSH should be the buffer zone between the students and the problems associated with the real world, and not a wall which we hide behind and thumb our noses at society. This problem must be fixed, and it must be fixed soon. The chasm of non-communication must be bridged.

Sincerely,

John R. Hoskins
Ricketts House
1-59

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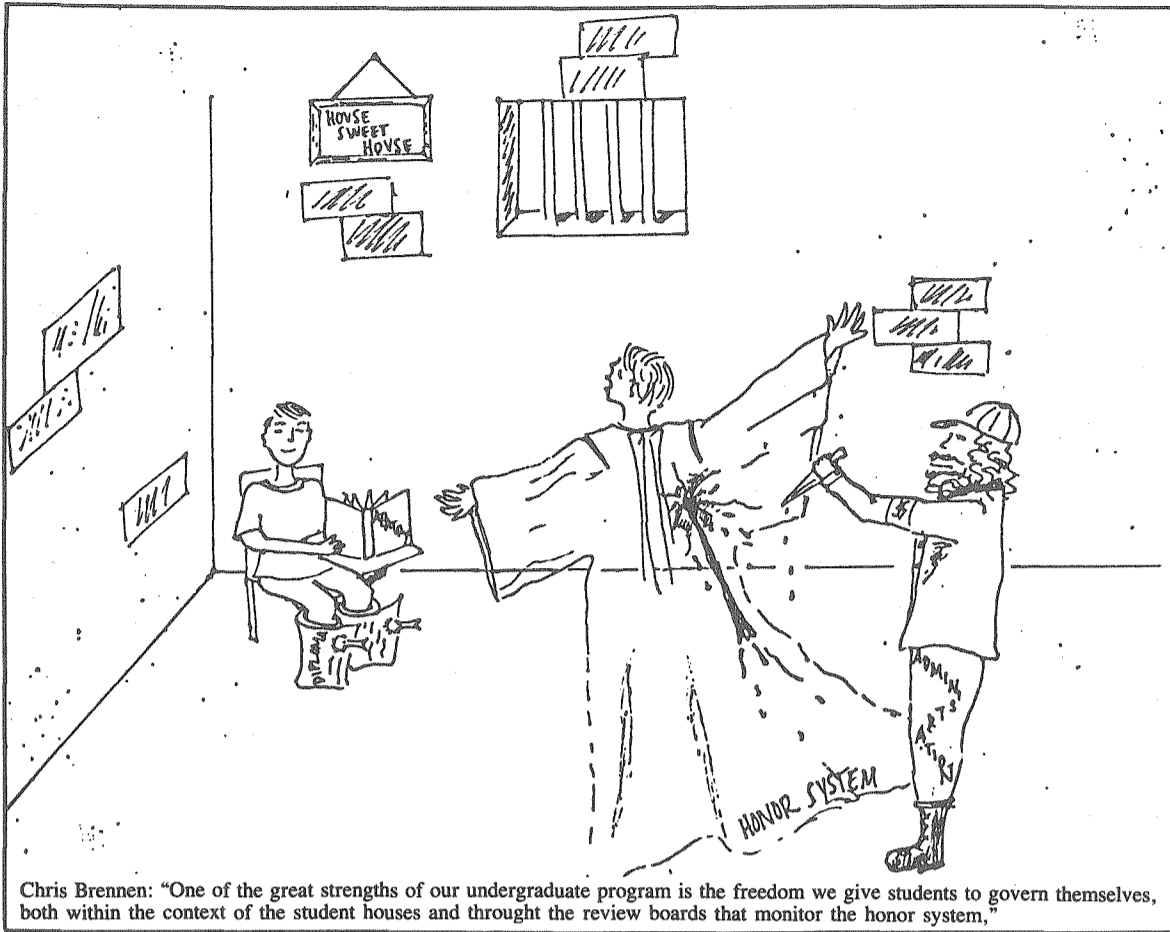


With: *Shot and Bothered*

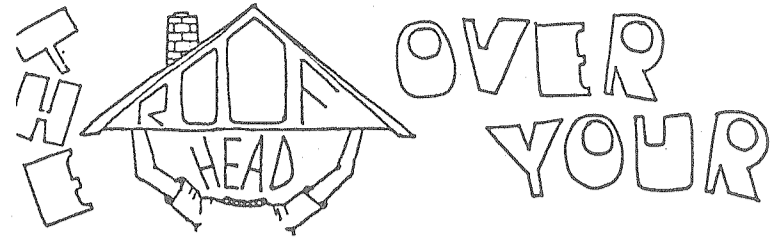
Baxter Lecture Hall 7:30 & 10:00 p.m.
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Next Week: **Amadeus**

opinion



Chris Brennen: "One of the great strengths of our undergraduate program is the freedom we give students to govern themselves, both within the context of the student houses and through the review boards that monitor the honor system."



Inventory Forms

Inventory forms are for your protection. Your room will be inspected for damages at the time you check out of your room or change rooms. To eliminate any charge for damages that you have not caused, carefully inspect your room and make note of any problems on the room inventory checklist. If you did not receive an inventory form at check-in or you need another one after changing rooms, you may obtain a form from the Housing Office. Turn in your inventory form to the Housing Office (1-56) within seven days of check-in or a room change.

Don't Drop Physics

Feynman Film!

Hey all you aspiring physicists - The Awesome, Mind-Boggling Caltech Society of Physics Students is having our 3rd biweekly meeting of the year this Sunday at 3 P.M. in the Bridge lecture hall. We are currently showing the Feynman lecture series on Quantum Electrodynamics. If you missed the first two showings, don't miss this one! Next week Dr. Schwartz will talk to us about superstring theory, so start thinking of some really knotty questions to ask him.

**Build a Robot - It's fun and, well, if it's not really easy, at least you learn a lot. We are meeting on Saturday at 1 P.M. in Winnett Clubroom #1, but show up on time because we are taking off for the surplus stores & hobby shops to look for parts. If you are interested in mechanical engineering, electronics, neural networks or just in having a robot pal, come by and see what's cooking.

**Play with Kids - Do fun science projects in an elementary or high school classroom, meet the kids and get them excited about science. Think about how you first got interested in science (you were once, weren't you?). To find out more about this, come to the Winnette Clubroom #1 on Sunday at 2 P.M., or call Golda at x3739. This is something you can do to help other people and have fun doing it.

If you can't make it for the film, come at 4:00 P.M. for the meeting and we'll save some donuts for you. Topics include:

**Tutoring/Pizza Night - This year, no freshman or sophomore has an excuse to drop out of physics if they don't want to. Come to Winnette Clubroom #1 Sundays at 7 P.M. for free physics tutoring and free pizza. Upperclassmen, we need you! If you can help tutor, we'll let you choose the toppings on the pizza - and most of the time, you can just sit and do your own homework, and get help from the other upperclassmen.

**Practice for Ditch Day - We need Techers (any year) to build high school level stacks in the true Ditch Day spirit for a High School field day second term. You will be given free materials (up to a reasonable limit) and free subjects to try your ideas out on. You don't have to start yet, but if you are interested we'd like to know, so call Golda at x3739.

News From the Caltech Y

"BROOMBALL!" With the help of ASCIT, The Y is sponsoring the first annual broomball tournament, to be held Nov. 11 starting at 11:00 pm, going all night. Get your team together (10-12 members), then stop by The Y with your team name and \$25.00 by Wednesday.

"This is the first year we haven't had enough tutors for the number of kids who need help." Linda Nixon, Director of the Pasadena Tutoring and Homework Assistance Network, pointed out the problem. The solution is for you to help out with as little as a half hour a week, helping kids solve elementary math and science problems. Contact The Y for more information. "You've all made it. Please give them the

same chance." "VEGAS!" The Thanksgiving trip is Nov. 24-26. Transportation is provided. You'll only need to supply \$40.00 for a cheapo hotel, or \$103 for Caesar's. Look for the flyers, and contact The Y for more details.

The headline in the *L.A. Times* read: "Shelters Reportedly Reject 1,800 a Night." The Caltech Y is organizing a group to set up temporary shelters during bad weather. You would be on call one or two Saturdays per month, only needed in bad weather. If you can help, please contact The Y.

"Fun With Guns." The Y is supporting a trip on Sunday, Nov. 12 from 9 am to 11 am to a local gun club. Transportation and firearm

rental are provided. You'll need to bring \$5 for ammo. Sign up in The Y.

"Ditch Day Practice." The Y is providing funding for the Physics Club to prepare "stacks" for youngsters in the area. It's a chance for them to come on campus, and for you to try some Ditch Day ideas. For more information, contact The Caltech Y, Goldan Bernstein, or the Physics Club.

Random entertainment! Come by the Y for reduced price tickets to movies, the L.A. Philharmonic series, or anything else you can think of!

The Y is located on the second floor of the Winnett Student Center (the building where the bookstore is).

Caltech's Newest Trustee

[OPR]-Ronald K. Linde, founder of Envirodyne Industries, Inc., has joined the Caltech board of trustees. Until Envirodyne's sale in May of this year, Dr. Linde served as Chairman of the Board, President and CEO of the Chicago-based firm.

Dr. Linde built Envirodyne into a worldwide leader in the development and manufacture of food packaging materials and systems, operating in virtually every country of the world. Prior to its sale, Envirodyne ranked as one of the fastest growing companies in the United States.

Dr. Linde, 49, earned his master's degree in 1962 and Ph.D. in 1964 from Caltech in materials science. His was the first doctorate Caltech ever granted in this field.

While at Caltech, he was an Institute Scholar, an ARCS Scholar, and a Rutherford Scholar. In 1961, he earned honors with his baccalaureate degree in engineering from UCLA.

Dr. Linde has engineered dozens of corporate acquisitions and/or divestitures in fields ranging from energy conservation and pollution control, to steelmaking. At president, he is Chairman of the Board of The Ronald and Maxine Linde Foundation.

"Ron Linde has close ties with people at Caltech, and his breadth of experience and deep interest in science and technology make him an excellent addition to the Caltech board," said Ruben F. Mettler, chairman of the Caltech Board of Trustees, "and we look forward to

his participation in Caltech's affairs."

Dr. Linde has authored or co-authored some 50 technical publications in a variety of fields: solid-state physics, applied mechanics, physical metallurgy, geophysics, physical chemistry, and instrumentation engineering. Dr. Linde has also invented and patented equipment for enhancing chemical reaction rates.

Before founding Envirodyne, Linde worked as an engineer at Litton Industries, Inc., and as a materials scientist at the Stanford Research Institute (now known as SRI International), where he also served as head of solid-state research, chairman of the shock wave physics department, director of physical sciences, and chief executive of Poulter Laboratories.

Packard Fellowships

[OPR]-Two Caltech faculty members-Frances H. Arnold, assistant professor of chemical engineering, and Andrew G. Myers, assistant professor of chemistry-will each receive \$100,000 per year for five years as recipients of the David and Lucile Packard Fellowships in Science and Engineering awarded by the David and Lucile Packard Foundation. They are among 20 outstanding young university professors nationwide chosen in the second year of the fellowship program. The funding provides for research expenses such as scientific equipment, research supplies, and scholarship support for graduate students.

"We are honored to have two of our professors chosen for this pres-

tigious fellowship program," said Thomas E. Everhart, president of Caltech. "The Packard Foundation, by supplying generous, unrestricted research funds, is helping the best young scientists and engineers in academia to get a head start on their academic careers. Such encouragement stimulates achievement, attracts good students to the designated faculty member, and enhances all of academia."

Frances Arnold joined the Caltech faculty in 1986 as a visiting associate, and became assistant professor in 1987. She received her BS from Princeton in 1979 and her PhD from UC Berkeley in 1985. Dr. Arnold's research uses molecular engineering techniques to de-

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Ado About Something

by Matthew Fetterman

Much Ado About Nothing is a wild roller-coaster of a play. The play begins as a savage comedy, turns into a dark melodrama, and ends in a light-hearted spirit. The Berkeley Shakespeare Company, performing the play at the Beckman Auditorium, gives the audience a thrilling ride.

Lura Dolas turns in a sizzling performance as Beatrice. A saucy wench, Beatrice hurls witty insults at any would-be suitor. "I had rather hear my dog bark at a crow than a man swear he loves me," she tells Benedict. But really, Beatrice is like a porcupine-prickly on the outside, but sweet and tender on the inside. Ms. Dolas, while keeping the audience laughing, manages to reveal Beatrice's sensitivity and vulnerability.

Benedict, played by Charles Robinson, is supposed to be the only man alive who can combat Beatrice in a verbal duel. Yet, as an actor, Mr. Robinson clearly is not the equal of Ms. Dolas. In the

scene where Benedict vehemently swears that he will never marry any woman, Mr. Robinson shows very little conviction. Next to Ms. Dolas, Mr. Robinson seems sluggish and maybe even somewhat depressed.

The most powerful scene in the play comes when Beatrice and Benedict, as a result of deception, declare their love for one another. Benedict promises to do anything that Beatrice asks of him. Beatrice responds by demanding that Benedict challenge Claudio, Benedict's best friend, to a duel. "Ha! not for the whole world," cries Benedict. The horror with which Mr. Robinson reacts makes the audience laugh.

The director, Michael Addison, makes a statement by adding humor to the most chilling scene of the play, in which a man is asked to kill his best friend. In doing so, Mr. Addison properly defines the play as a dark comedy, rather than a light tragedy.

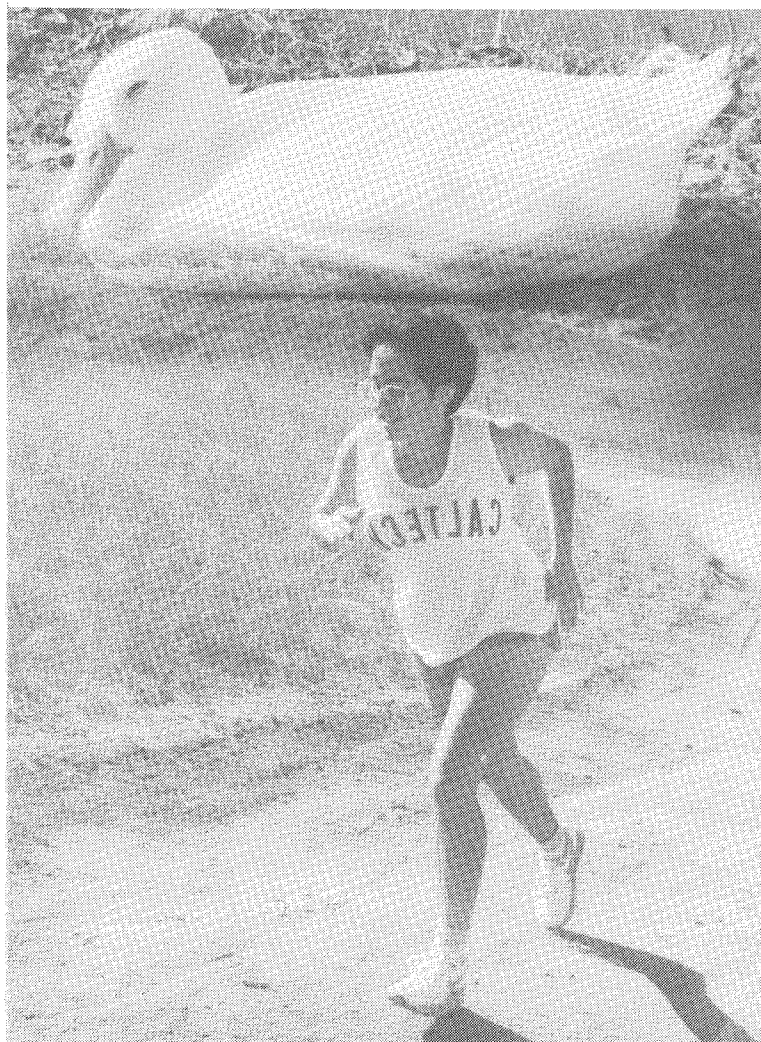


photo by Matthew Fetterman

For Golda Bernstein, running this cross country course was trivial, despite a duck being randomly placed on her head.

Cross Country

from page 1

23:52. One place behind Aimee, at 34th, was freshman Tristy Kibbey. Tristy's time was 24:11. One more place back was Golda Bernstein, just five seconds behind her teammate at 24:16.

Ami Choksi finished in fine form, at 37th place in 24:37. One place back was Tech's seventh runner, redhead Valerie Jacox. Valerie ate the course up in 25:05.

Jessie Haldeman, Mary Rowe, Kitt Hodsdon, Riki Moilanen, Maria Toronto, Jennifer Remine, Melissa Li, and Yuka Yonebayashi all slapped their tails and bounded around the LaMirada course to the finish.

Coming Up

Saturday, November 11th will see the top seven male and female Beavers doing battle with the rest of the West Coast NCAA Division III cross country teams in earthquake country, Santa Cruz, California.

Awards

from page 3

sign proteins with useful new properties, such as the ability to bind metals. Engineered metal-binding sites can be used in the purification of recombinant proteins or to develop protein-based techniques for removing toxic metals such as lead and mercury from wastewater. Another area Dr. Arnold is researching is the modification of enzymes to make them stable and active in solvents other than water. Dr. Arnold was named an Office of Naval Research Young Investigator in 1988, and a Presidential Young Investigator in 1989.

Andrew Myers's research interests involve the synthesis and study of complex organic molecules of importance in biology and medicine. Complex organic molecules often possess important biological properties such as anti-tumor or antibiotic activity. Dr. Myers and his research group hope to discover the molecular basis of these antibiotic processes and to develop synthetic analogs that mimic, or improve upon, the properties of the original. Dr. Myers received his SB from MIT in 1981, his PhD from Harvard in 1985, and joined Caltech's faculty in 1986. He was awarded the Camille and Henry Dreyfuss Foundation Distinguished New Faculty Award in 1986, and was named a Presidential Young Investigator in 1989.

Commenting on the Packard Award, Dr. Fred C. Anson, chairman of Caltech's Division of Chemistry and Chemical Engineering, said, "The innovative research of Drs. Arnold and Myers has the potential for results which would be technological milestones. The support of the Packard Foundation to further this research is greatly appreciated."

Book Review

by Nick Smith

Heads to the Storm (A Tribute to Rudyard Kipling)

edited by David Drake & Sandra Miesel

Baen Books, \$3.50

The basic pretentiousness of this book is headlined by the fact that Drake and Miesel are billed as "creators" rather than editors. What they have done is put together an anthology of stories and essays by various well-known science fiction and fantasy writers about how their writing or parts of their work were inspired by the works of Rudyard Kipling. The funny part is that, except for being stuffy and pretentious, it's a pretty good collection of writing.

The stories included are almost all older ones, with only one original piece for this anthology. However the choices are good, with works by Poul Anderson, C.J. Cherryh, Roger Zelazny, Anne McCaffrey and many others. Each one is introduced by a short essay explaining the "Kiplingness" of the piece, and a little bit about how the piece came to be written. In many cases, the author didn't think of it as having anything to do with Kipling when the piece was written. This means that most of the

authors have to stretch considerably to explain the connection, or explain why there isn't really a connection, but that it's a little bit like something Kipling would have written under the same circumstances...

George R.R. Martin's "And Seven Times Never Kill Man" is one of the more directly Kipling-esque pieces, since the title is from Kipling's works. McCaffrey's "The Ship Who Sang" and Cordwainer Smith's "The Burning of the Brain" are classics, worth reading no matter what the theme of the collection. Cogswell's song "The Friggin' Falcon" is another classic, of a different sort, having been included in *Lucifer's Hammer* as something too outrageous for a burglar to sing. It is the sort of song that Kipling probably wouldn't have written, but he might have sung. John Brunner's "Mowgli" is another direct tribute, and his short essay is direct and non-blithering.

Overall, this collection is a good batch of stories and poems with a group of skippable essays attached. If you've already read most of the stories, don't bother. If you haven't, then by all means buy this one and read a good collection of classic stories.

Faculty Officers Chosen

[OPR]—The 1989-90 Officers of the Faculty have been chosen. Their responsibilities are to assure that the faculty fulfills its role in seeing that the academic affairs of the Institute are carried out properly and to serve as a channel of communication for the faculty in its dealings with the administration.

The new Chairman of the Faculty is Steven E. Koonin, professor of theoretical physics. Dr. Koonin earned his B.S. from Caltech in 1972 and his Ph.D. from MIT in 1975. He joined the Caltech faculty in 1975 as assistant professor, became associate professor in 1978, and a professor in 1981. His research interests are the macroscopic and microscopic description of heavy ion reactions, fission, statistical reaction theories, high energy nuclear physics, nuclear astrophysics, and many-body physics. He is the author of the book, *Computational Physics*.

Daniel J. Kevles was elected Vice Chairman of the Faculty. Dr. Kevles, the J.O. and Juliette Koepfli Professor of the Humanities, received his A.B. degree in physics from Princeton in 1960, and his Ph.D. in history in 1964. He joined the Caltech faculty in 1964 as an assistant professor, became an associate professor in 1968, and a

professor in 1978. He is the author of numerous studies of the history of science in the 19th and 20th centuries, focusing on the interaction of science, politics, and human values and on the moral and ethical questions raised by the advance of genetics. Among his works are two books: *The Physicists: The History of a Scientific Community in Modern America*, and *In the Name of Eugenics: Genetics and the Uses of Human Heredity*.

IHC Mini-Minutes

Present: the Presidents, Marty, Ted, Mark Humphreys, Riki Moilanen, Steve Anderson, Mark N., The Threatt, Steve Harkness, Bill Swanson, Emily Lo, Dwight 'Tip of the Ice', the Wilde MOSH Man, Mark Lyttle, Scott Kister and Paul S.

Dwight announces the Boffo Bonecrusher Broomball Tournament, sponsored by the Y. He also increased the roster size for houses with many people who want to play.

Marty says Sam Dinkin will be coming around soon with his plan to improve house libraries.

The Grievance Committee needs another alternate. Paul Socolow is appointed.

Fleming social team still wants it's money.

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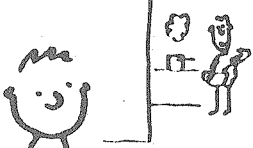
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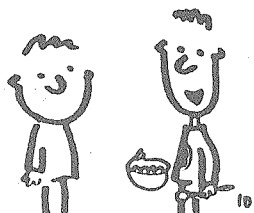
	Caltech at Cal Poly	UCLA at Stanford	Nebraska at Colorado	LSU at Mississippi	Mich St. at Indiana	W Virginia at Penn State	Virginia at NC State	Illinois at Iowa	Boston Col at Syracuse	Texas Tech at Texas	Florida at Auburn
Scott Kister (41-14)	Caltech	UCLA	Colorado	LSU	Michigan St.	Penn State	NC State	Illinois	Syracuse	Texas	Auburn
Mark Lyttle (38-17)	Caltech	UCLA	Nebraska	LSU	Michigan St.	Penn State	Virginia	Iowa	Syracuse	Texas	Auburn
Paul Socolow (40-15)	Caltech	UCLA	Nebraska	LSU	Michigan St.	Penn State	NC State	Illinois	Syracuse	Texas Tech	Auburn

I came home from work today after being in class all morning.

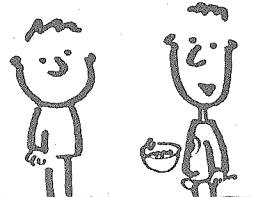


Tony was making some food in the kitchen.

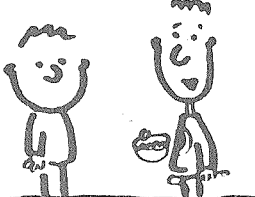
'Supper's on the table,' he said.



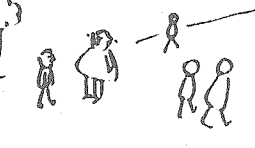
He said it's his duty to make dinner for the breadwinner of the house.



Then he said he was kidding, that he was just making something for himself.

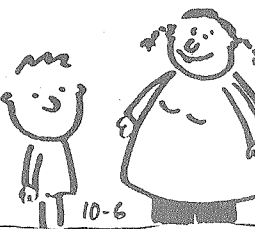


I ran into Beth today, who used to work at McDonald's with me.

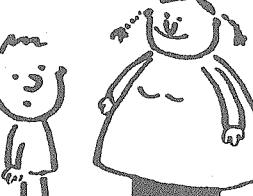


She said she still works there.

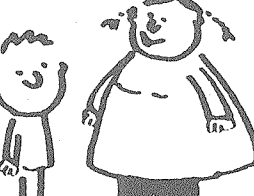
'Just 4 more credits and I graduate,' she said.



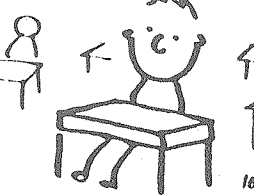
I told her I was working at the bookstore.




But she must not have been listening because she went on talking about her graduating.




In my philosophy class today the professor asked me a question.



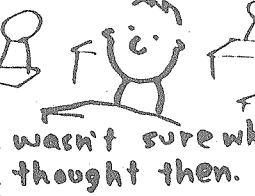
He asked me if I thought ethics were absolute or culturally relative.



I said I was pretty sure I was a cultural relativist, but then he made me think that was wrong.




So I said I was an absolutist, and he made me think that was wrong too.




I wasn't sure what I thought then.


I got up early for class today.




I fed Mr. Peterson. He was really hungry, as always.




In my french class I was hoping the professor wouldn't call on me because I hadn't read the assignment.



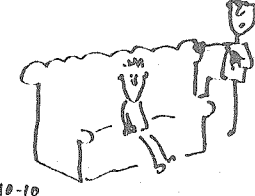
I was picturing Mr. Peterson eating, bobbing his head like he does.



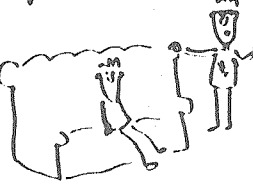
Today I came home from class and just sat and ate a bowl of cereal.




Tony and Steve were in the other room.



They were talking about music appreciation class. Steve has the same class Tony had last year.



So Tony was telling Steve which tapes he doesn't have to listen to, and stuff like that.



Jim's Journal

At the bookstore today I started getting the hang of shipping and receiving.



by Jim

Paul, the guy who trained me, was there.




He didn't say much. He looked kind of tired.



Once he grunted and said, "This is a hell hole," and that was about it.



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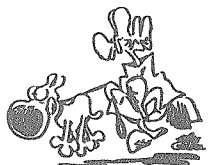
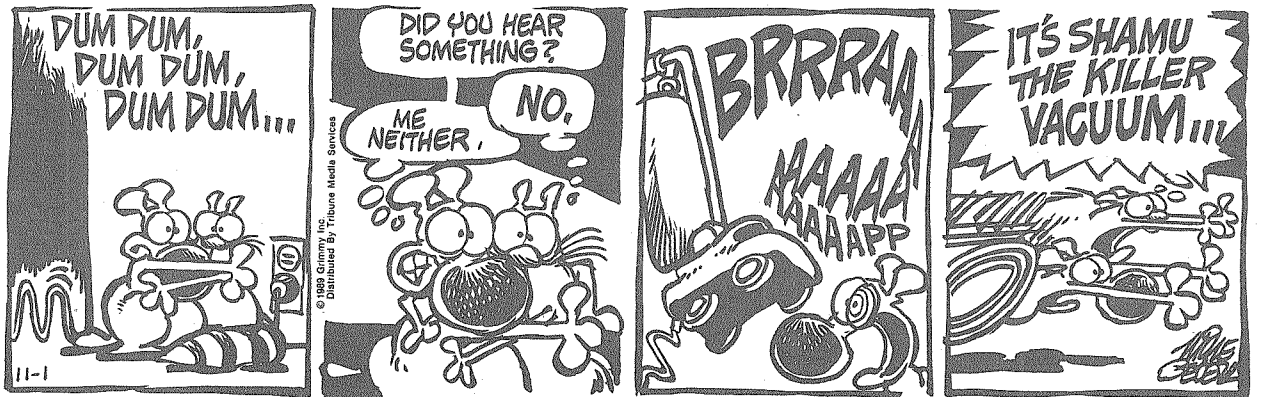
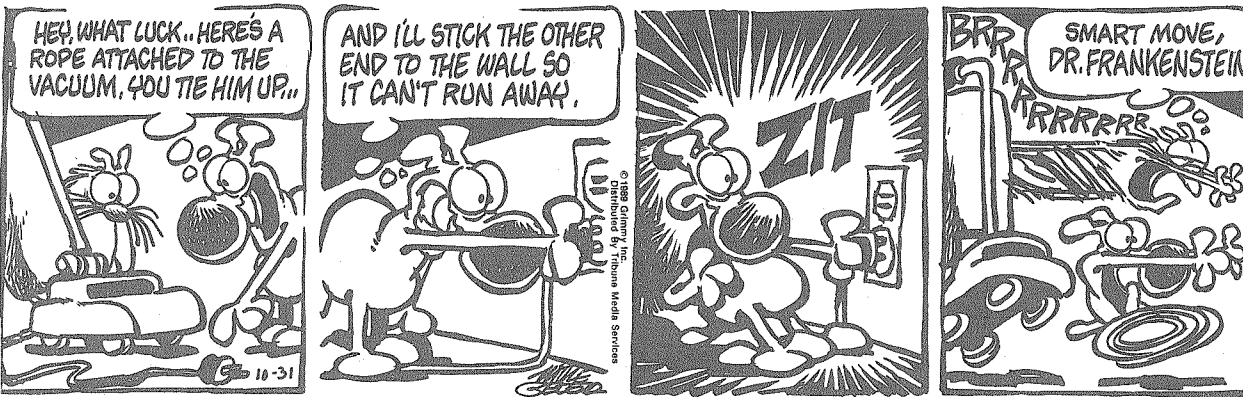
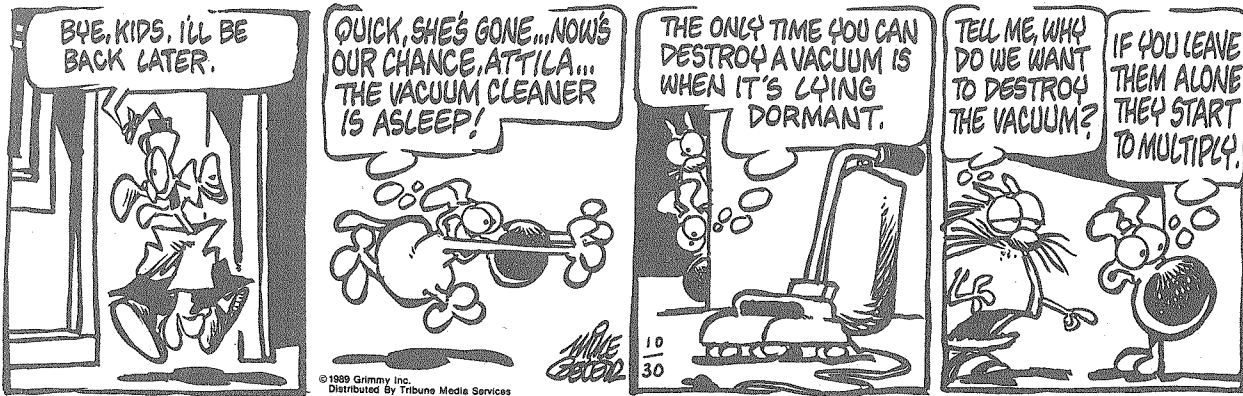
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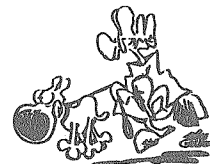
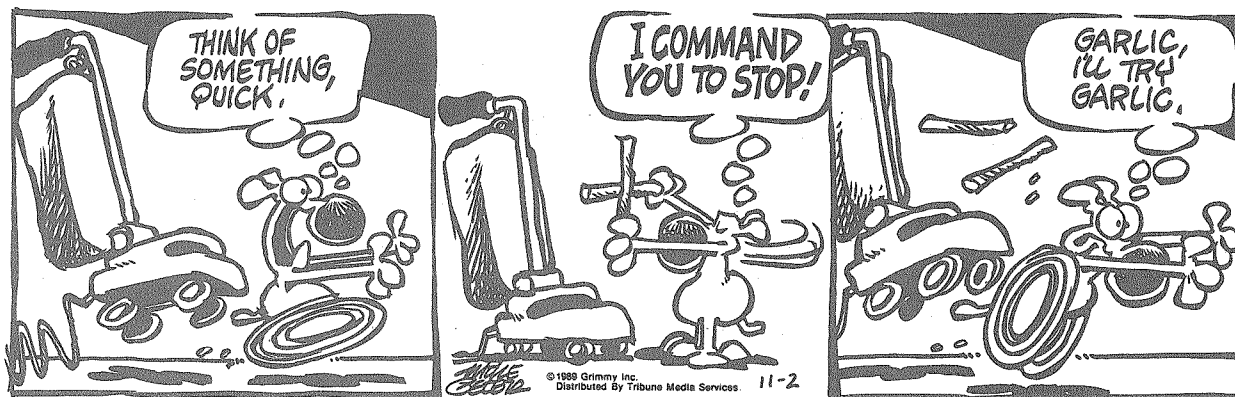
The Inside World

This Week's **Inside World** was written by:
 Blacker: Noam Bernstein, Lieven Leroy and Walker Aumann
 Dabney: David A. Edwards
 Page: Rob Whiteley
 Page2: Hanna Hsu
 Ruddock: David Proctor
 Ricketts: Joe Dadek, Dave Long, Nathan Rockwell, and Stu Wagner
 150 Chester: Chris Campo

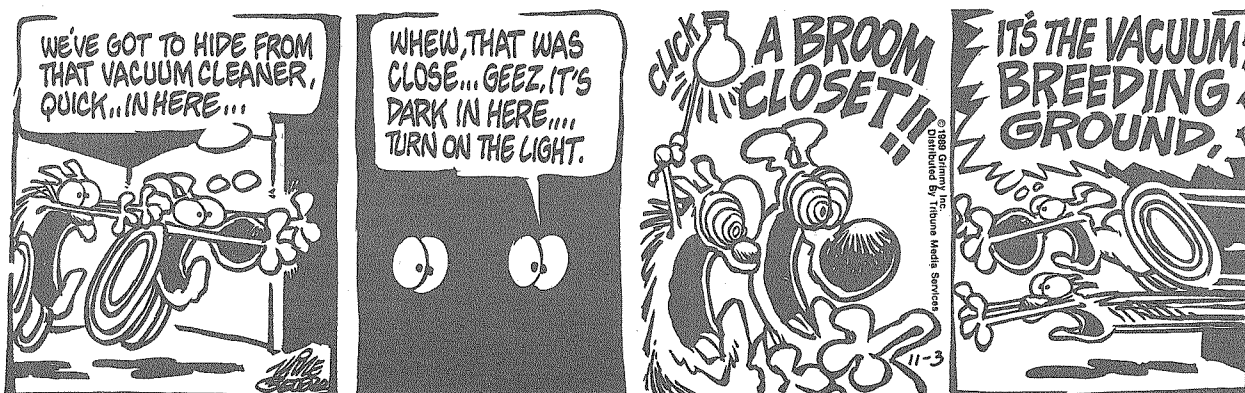
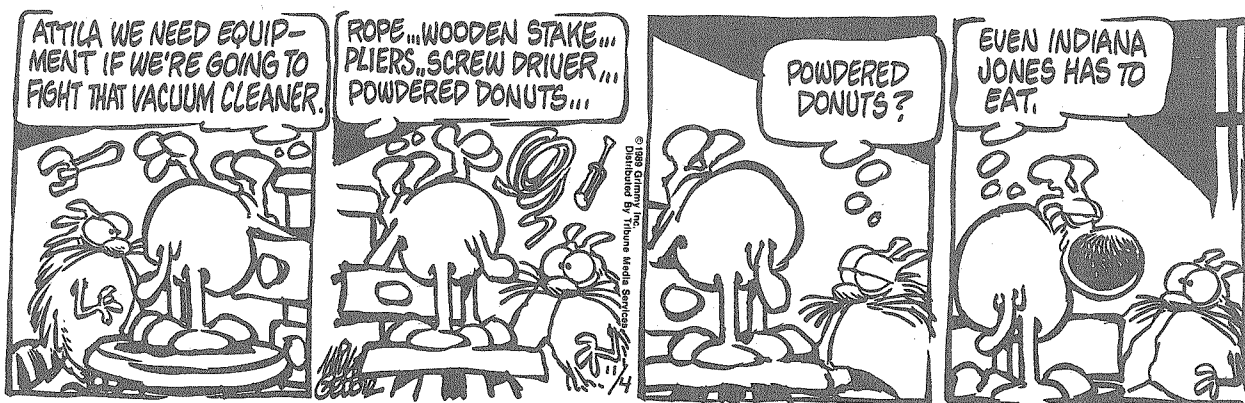
Blacker	1	2	1	4	2	1	5	16
Dabney	2	3	2	6	4	3	4	24
Fleming	0	0	3	2	0	5	0	10
Lloyd	3	0	0	7	0	6	0	16
Page	0	1	0	1	0	0	6	8
Ruddock	0	4	0	8	5	2	1	20
Ricketts	0	0	5	3	4	3	1	15
150 Chester	0	5	4	3	1	0	2	15



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 by Mike Peters



Mother Goose & GRIMM
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Blacker

In our efforts to serve the public good, we present a public service announcement from the Group Against Renegade Lifeforms Inhabiting Caltech (GARLIC): We've just been alerted that Blacker Hovse may be inhabited by a sleep vampire. Sleep vampires are parasites that feed off people who normally have semi-regular sleeping habits. A sleep vampire will proceed to drain sleep from the victim in order to stay awake, which the victim begins to need more and more sleep. This process continues until either the victim can find the sleep vampire in his lair, asleep, and run him through the heart with a rolled up bluebook, or else the victim falls asleep permanently to sustain the vampire, at which point the vampire will go on to find another host.

Vatican is now accepting social members (whiteboard markers). Dogs need not apply.

It's been over a week now, and most of the senior class is still dry, as well as the sophomore class. I guess it just goes to prove our point, although we must give credit where credit is due: Fru gets 3 bonus permafrosh points for challenging two upperclassmen to shower him. Maybe next time he does something like that, he won't do it on a night that he has Chem 3 lecture. Poor frosh. But don't any of you out there worry about him; he's on pass/fail.

As one of the few documents that most everyone in the house reads, we feel that this is an appropriate place to quell rumors. Today's subject: Ben Smith.

It is not true that Ben is the son, cousin, nephew, or friend of Charles Manson. It is not true that he bites the heads off live gerbils and then proceeds to hack at their writhing bodies gleefully with an axe.

It is not true that Danny Chu has said "I'd rather be handed than locked in a room with Ben Smith."

And finally, it is not true that, after seeing "Aliens" in Clif's room then walking out into the courtyard and finding lots of pumpkins resting intact in our courtyard, he ran to his room, fetched a SPAS-12, and proceeded to fire 13 rounds into each of them while yelling, "It's game over! It's just game over!"

We hope this clears things up. Clif is still trying desperately to convince Craig and Kevin to give him the attic at HO'M. The last offer was rumored to be: Room 18, joint presidency of the house, one small Latin American country, a Dairy Queen, and a lifetime supply of strawberry frosted Pop Tarts. Allegedly Craig is in full support of this, but Kevin is holding out for a ski resort, and a drummer with big hair.

To the parents of the members of Blacker Hovse: We regret to inform you that your son/daughter has been kidnapped by a foul group of right wing fanatics. They have issued their list of demands, a copy of which is included here.

Alex Rosser
Dan Ruzek
Samantha Seaward
Dan Frumin (Dan?)
Rob Padula
Ben Smith

- Chocolate chip cookies
- Cookies, money, and cat traps
- Acoustic guitar
- Gerbils (purpose: unknown)
- Cookies and 10 lbs. gummi bears
- One F-14

Note: The kidnapers would prefer this WITHOUT weapons.
Deron Walters
Wurzel Keir
Chris Hurwitz
Shawn Hillis

- Time in a bottle (or a 50 gal. oil drum)
- DECstation 3100/TU/330
- Christie Brinkley
- 1 large Pizza Hut Pan Pizza with italian sausage and pepperoni one catalina to go (Huh?)
- One clue

Ben Discoe

This group is armed and dangerous, and it is feared that if their demands aren't met, they will force their captives to become mathematicians (a fate worse than physics). The only course of action we can take is to meet their demands. Please supply what you can to save your son/daughter. Address all packages to Room 16, Blacker Hovse 1-60, Pasadena, CA 91126. We will keep you informed of any further developments.

Ricketts

1. (I'm on a diet this week.)

Gee, it sure is late tonight. Maybe we can wake up enough to get something here. Let's see, what happened this week. Lame Halloween party, met the local high school students who will be milling about the fence at Interhouse this year. Stu Vicious's true nature came out at the Halloween party. Four square and beer? Erik the Viking was better. Blacker badminton court was lovingly redecorated into Blacker "squash" court. Question of the week: How many pumpkins fell to their demise for Blacker's beautification?

Couple of the week: Plu and Tristy. What happened when poor Alex got kicked out of the Guest Suite the other night? And why did it take so long? Perspiring minds want to know.

A hearty welcome to all of our new members, more active old members, and soon to be members: Kirsten, Erich, Pam, and Robert. (Others to follow.) It's a good thing Dave Sonneborn has all of our morals down in San Diego where they can't be corrupted by all of the evil influences of people such as Ross. Boy, of all of the people I've met at Tech, I can't think of anyone I know who is more immature and morally reprehensible than Ross. (Note tone of heavy sarcasm, Louie.)

Speaking of which, let's get right down to last week's big contest. We've received one response: Louie has succeeded in uniting the student body - against him. In all fairness to Louie though, we have found that the entire administration needs its collective head shaved, not just Louie. (Even though that would be a lot of work.) In return for a truce, we want only one thing - a shrubbery! (We'll talk about the herring later.)

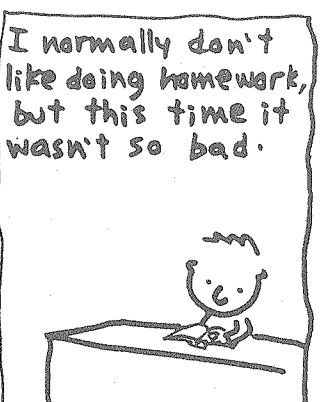
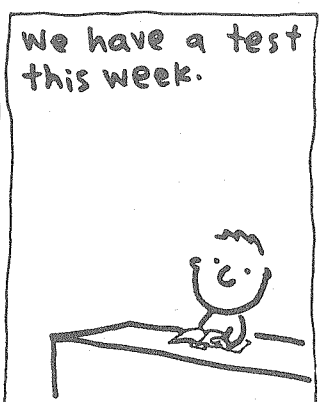
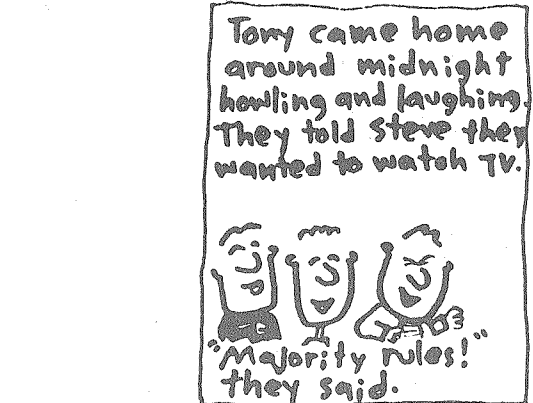
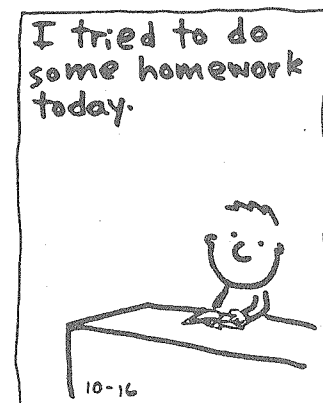
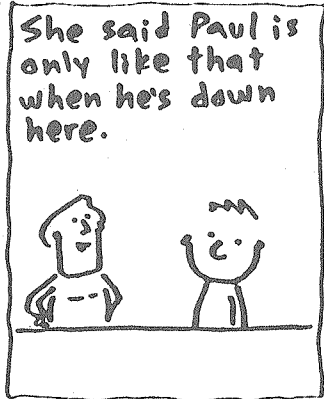
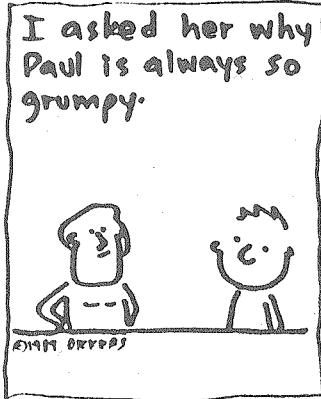
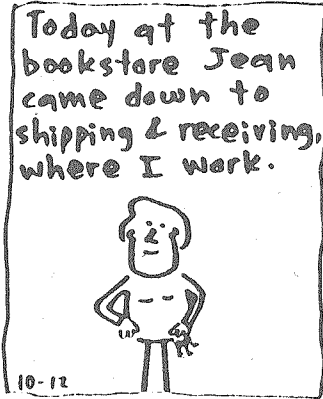
Frosh of the Week: Chad. He is both the first, second, and only frosh to be floated so far this year. Congratulations, Chad, your classmates certainly appreciate you.

Rude/Slander Whatnot Shelf: (Twice the calories in half the space). Leah was seen leaving with at least six guys Saturday night, and she didn't return for several hours. She was done faster than Tristy with one or Andreja with a half. This commentator (one of the six or more there) was impressed by Leah's clearly superior ability and incredible stamina. We all looked like amateurs by comparison (in fact some of us were). Soccer practice (actually a mass of sweaty bodies rolling around in the mud) is scheduled for a convenient afternoon soon. All of our new prominent members from three paragraphs up should be sure to show up to provide pointers for the team. Wait, we haven't insulted Dick Reid yet. . . . Bernie's car battery has disappeared, and what is that look of satisfaction on Debi's face? Turbo-Charging or Blowers? Of course, we can't go into too much detail as it would shock many poor dudes from Utah (along with poor Bajans.) Speaking of Poor Dudes From Utah, how many does it take to screw in a light bulb? None, since PDFU's can't fit in one, and it's too public a place anyway. Why does Julius continue to sit next to Dick Reid at dinner, when all he does is complain about getting hit by the rolls? Perhaps he's more interested in adulterated roles (sick). Joanna and sqr(2)[Eric + Kirk]. The wavefunction doesn't collapse until you take a measurement (or Kirk comes up from behind her and grabs her). Ina is still a cat in the box, but hey she's got some guy coming out this weekend. How long can the Kitt cat stay in a box? Steve Sobelman continues to disappear over the weekends in strange garb, returning a bit peaked. From the garters, we guess it's bisexual water polo. I guess we should have known he was into water sports. Speaking of water sports, don't both Rich and Charles have water beds (and someone to fill them with)?

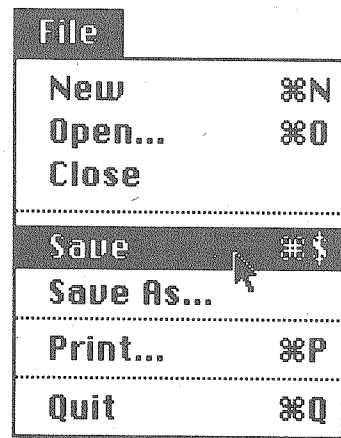
Answer to last week's question: 42, obviously. Anyone who thought it was 69 has already succumbed to the immoral influence of four paragraphs above. Answer to the question two weeks ago (I got the answer from the poser): Who cares?

Remember: Big Bro is scopin' you out.

-The Physics Messiah, a Dave, a Davebar, and the Frosh



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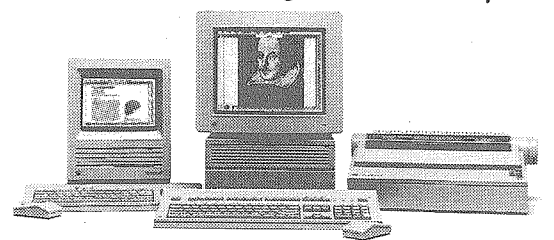


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Science Lab
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November 10, 1989

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Microsoft

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HARDCORE
SOFTWARE

The Inside World

Page 2

TBH's Journal

by TBH

Today I talked to a Lloydie. We talked about the shower war between Page and Lloyd frosh last week. I said the Page amazons (excluding those in Rm. 113) were courageous, but frosh Pageboys were totally lame. Well, the amazons were outnumbered by Lloydie chics, but they never gave up. Even after each being showered due to numerical disadvantage, they got dry shirts on and went back to Lloyd, and finally showered Audra MAN, that was totally awesome! Those wimpy frosh Pageboys, on the contrary, failed to shower all the Lloydie boys they encountered despite the physical superiority they had. Then, back in Page, they failed to shower the Cheese Boy when outnumbering him 20-1. And they didn't even dare to confront BDR, who inspired Lloydies to steal our dinner bell. All they could do was shower the bell frosh, who, as it has always been, is helplessly weak. Come on, you lame wimpy (I don't mean weakly-interactive-massive-particle-ish) frosh! Come out and shower the initiation chairmen if you dare!

Tonight at dinner a random clueless frosh stood up (on his chair, of course) and announced his all-frosh table: Mold "I am indeed but I'm" Black, Darbie "We are lay back and let's lie" Dunn, Reddy "I'm lame and I'm gonna" Flam, Howdy "I suck, so what, I play soft balls well" Lowie, Scurf "I have and also the athlete's" Foote, and Rod "Give me more girls so I won't" Duck. His voice was pretty loud, but, man, he wasn't even trying to be funny. In fact, he was so serious that I thought those names were real.

Tonight the dinner sucked even worse than usual. I thought that wasn't a surprise since it's midterm week. During announcements the ever-smiling Big Curtis said we've been quite courteous in interhouse for the past couple years. But with the beginning of a new decade, Page's dominance will begin next week with interhouse soccer. He also mentioned Fleming was killed by the Rudds in Discobolus last weekend and we're going to take a revenge for the f-lames this Sunday. I agreed with all what Big Curtis said all right, but there was one thing that I couldn't figure out, what's with his grin?

Today I got my Pirate Interhouse shirt. It looked really studly. Mark and Gary even gave out a free receipt with the purchase of a shirt. I thought that was professional. Nice job, guys. But where is the ride? Hay yo clueless wimpy lame frosh, build interhouse!

Today at lunch I saw Dave P. Cutrer eating board food. I asked him what the occasion was, and he told me he wanted to get depressed. It reminded me of the BC food I've been surviving on for over a year and I got real depressed. Man, does it suck so bad, ever! They just can't do anything right. (They can't even do a burger right and they call themselves Burger Continental.) There's plain-boiled-totally-tasteless vegetables every goddamn night, there's recycled-all-you-can-and-guess-what-it-is meats and desserts. The list goes on and on and on, and I'm not gonna bother with it. (Besides, who doesn't know?) They would even put four pieces of steak on a plate when they know there are six people sitting on a table. And if you dare, go take a look at the walk-in freezers. Gary, you better watch out, one of these days we're gonna get you.

Today I didn't get to sleep until early morning, so I went out to watch the sunrise. It was beautiful, but, man, was it cold! And, guess what, the top of Mt. Wilson was white!! And it's only early November!

Today I heard it's been four! years since Lloyd got its condoms. I thought that was BOCable. Oh, I meant combos. Page is the only house on campus that does not have combos and we pay just as much for the rooms as other occupants. This is totally unfair! Later I heard there have been several cases of theft in Page recently, and unlocked doors are the number one contributing factor. With condoms, I mean combos, we can protect ourselves much better.

Page needs combos, NOW!

150 S. Chester

Even when I'm drunk, something can get to me so badly that I get pissed about it and actually remember it the next day. You see, I bumper into this Flem at the Halloween party. He's a pretty big guy, and he works in the Coffehouse. (He's fucked up my shake orders before, but hey- who am I to hold a grudge?) Anyway, we get to talking, and the Flem says to me, "did you know that 47 is THE most random number?" The blood started to rush to my face and my hand constricted on the drink I was holding. "It's true! They randomly selectyed groups of 100 random people and asked them to pick a number at random. Most of them said 47!"

There are a few rectifications which have to be made in the vocabulary of people around here. One of them is the preponderance with the word RANDOM. It's really gay to use the word in contexts such as, "some random Flem", "that was so random", "I'm feeling random today", etc. Not cool, O.K.? I thought it was made clear in the *Lytle* by a reliable source (John Raguin) that nothing is random. Look, I'll admit that there is a proper context for the word, but since it is so overused at Tech by these hoards of imbecillic morons, we might as well have this black and white prohibition because it's probably the only thing that will make them stop saying the word 10¹⁸ times per day.

Now while we're at it, we might as well prohibit the use of another annoying word heard sputtered out of the mouths of all these same squeebs constantly around here: TRIVIAL. O.K., when a homework assignment was not incredibly difficult, the proper phrase to be applied to it should be, "well, that assignment was not really all that hard." The phrase used should NOT, repeat NOT be, "that homework was trivial!" When someone says that, they're either a) trying (unsuccessfully) to be amusing by saying this when the assignment was, in fact, quite difficult or b) using improper, irritating phrasing to describe a relatively non-difficult assignment or c) being a dick by flaunting the fact that while the assignment was hard for everyone else it was ridiculously easy for them.

Combinations of the words, such as "random triviality", "trivial randomness", and other meaningless phrases which are uttered only because the squeebs who is saying them has nothing better to say should also be prohibited. I can sort of live with some of the other Tech terminology (troll, sanke, etc.) because it's only mildly irritating. But random and trivial have gotta go.

And if this get rated below Blacker's fucking sorry Inside World this week, then next week I'm going to be pissed at Mark Lytle!

Today Tony and I were watching TV when it broke all of a sudden.

The sound was still there, but the picture was completely fuzzy.

Tony tried to fix it, but he couldn't.

He hit the side of it then looked at it for a few seconds. 'That usually works,' he said.

Today I was sitting in my room doing some homework.

Every once in a while Mr. Peterson would run by my door really fast, playing.

Once he stopped right in front of it and looked at me with his eyes wide open.

Then he took off running as fast as he could.

Today I bought a bag of soft chocolate chip cookies.

But after a while I ate too many and started feeling sick.

When Steve saw them and asked if he could have one, the thought of somebody wanting one made me even more sick.

I had a craving for them, and they tasted really good at first.

I had a test in my sociology class today.

It was multiple choice.

I'd read the assignments and studied my notes pretty well.

But the test was still kind of hard.

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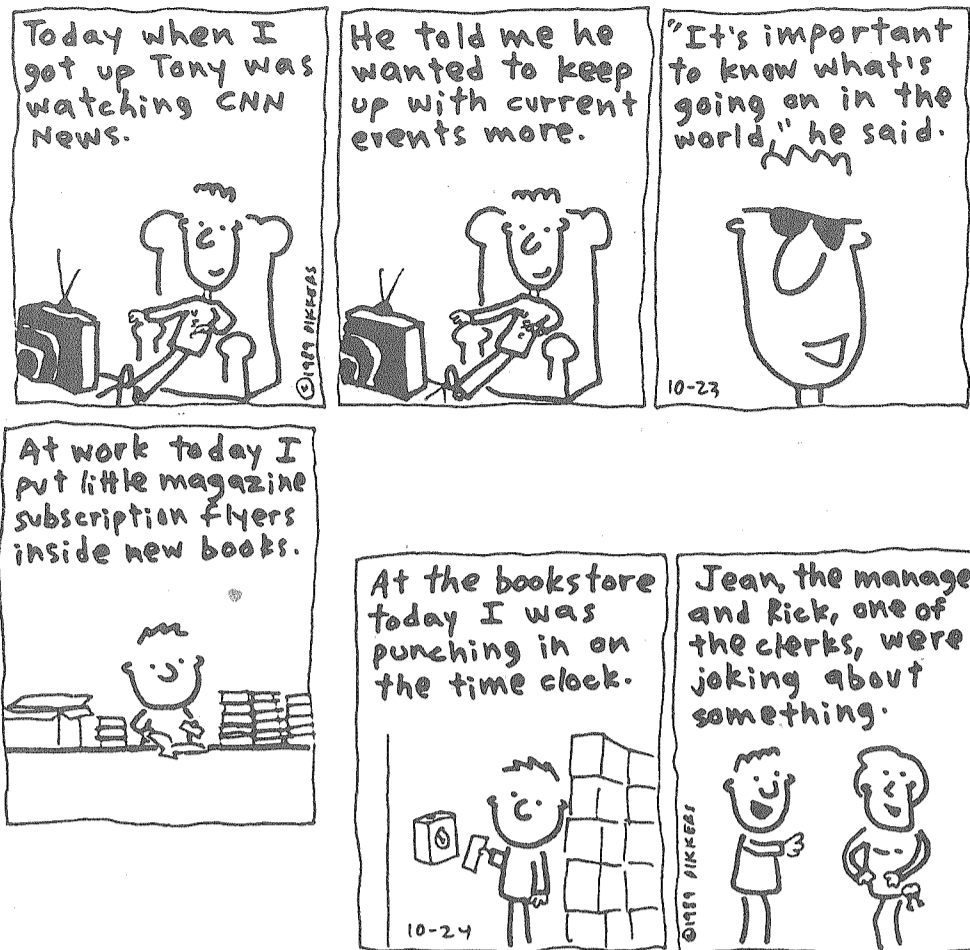
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Awesome Punchline on Page 11

The Inside World

Page NAIVE LETTER FROM A HOMESICK FROSH (Close-captioned for the Reality Impaired)

Dear Mom,
 "How are things at home? I'm having an alright time here at Tech. I'm finding out that people here at Tech are pretty normal. They study a lot, they're really smart, and they like playing chess. And they talk about the craziest things. Like, for example, this guy on my floor actually started talking about the Theory of General Relativity. I mean how crazy can people get? This one guy actually said, "E=mc²". If you ask me, I think that he was a little out of hand..."
 (The actual truth is that people say the weirdest things at the wrong times. And of course, this habit is the basis for the infamous 'HouseList'. In Page House this week, several people deserve recognition for saying the most questionable things. For example:

"If he doesn't come soon, I'll pass out." —Brett Bochner
 "A rigid element such as a rod can either pull...or push on an object." —*Mechanical Universe*, Chapter 6

"When you get that fishy smell, you know you're in business." —"Oral" Matt
 "I blow better than anyone." —Schamberger
 "You have to suck it to get all the juice out of it." —Chon Torres)

"The food here is great. Last night, we had chicken cordon bleu, and last Thursday, we had steak. They always give us plenty to eat, and it is always hot and filling. And the desserts are amazing. I would definitely say that 800 dollars a term is worth it for the great food that we get every day..."

(Last night, we really had 'Barf in a Bowl'. This dish resembled several things that I've seen in documentaries about open-heart surgery. According to Gary, grand-inquisitor of Burger Continental, this food is better than certain delicacies of the female flesh. Yeah, right. If you believe that, you must also believe that Dolly Parton can see her feet. The night before last, we demonstrated that Einstein was incorrect in asserting that backwards travel through time wasn't possible. We made the Tommy's Run of the Year by leaving at 1:59 am and returning at 1:34 am. Of course, the unfortunate side effects of this amazing time warp include manifestations of severe gastro-intestinal distress. If only Einstein could see what he had created. Hey, what about those burgers at lunch? They almost made you wonder what happened to the two cats that used to run around in the house. The basic truth, Mom, is that 800 dollars a term for this garbage is absolutely highway robbery.)

"We went to Mexico this weekend to play a football game against a little university team. They really weren't much trouble, and the only reason that we only won 14-8 is that our coach didn't want to blow out the score. Then we went to a barbecue in our honor, and had lots of food. Then we spent the rest of the night engaged in wholesome entertainment. We went to see some mariachi guys play traditional Mexican folk songs, and we went to a Mexican fine arts museum. If only we had more time, we could have seen the Mayan ruins..."

(In reality, we played like crap. The Mexicans came uncomfortably close to winning, and only the luck of the Beavers saved us from spoiling our perfect record. Of course, once the game was over, it was beer/tequila time. At the barbecue thrown by our defeated compadres, we indeed rejoiced in the revelries of free beer (House Event!! Everybody goes!!!!). Afterwards, a lot of us went not to a damn art gallery, but to a nightclub named 'Tempos'. Among the highlights of the evening:

B.F.D. Ross was denied entry to the nightclub because he was wearing flip-flops.

Dwight reportedly left quite early with an unknown Mexican female. Rumor has it that he staggered back to the hotel some time after 4:00 am. Nobody in our group doubted that "Stud" Berg had scored big.

Shamu and Steve "Harkness from the Darkness" were dancing. You heard it right, sports fans. They were shaking their asses while Tone Loc sang "Wild Thang."

Rumor has it that Harkness and freshmen football sensation Rob "The Knob" Whiteley were on track for a Dwight Berg-style score. With a few more beers and a couple of condoms, they, like certain other unmentionable Techers, might have been booted off campus for their rampant sexual exploits. Alas, it was not to be. NEither of the young ladies in question drank. Tough luck, guys.

For another interesting story, ask "Tex" how the emergency elevator stop in the hotel got pulled or why there were several beer cans floating in the pool the next morning.

Ask Jay "Hair Club" Bromley about the little "gift" that he left for the hotel staff.

And the biggest two questions of them all: "Why don't I speak Spanish?" and "Why is Tequilla so damned cheap?"

"These guys in Page really study hard, Mom. I mean, they work until four in the morning solving various problems involving some very complicated equations. They must all have really high GPA's, because all I ever see them do is study..."

(The truth, however, is much harder for most parents to swallow. The only real equation of importance in Page House is this one:

$$BW = K(P - HM \times HF)$$

This formula is called the Beer-Women equivalence ratio, and was developed right in Page's own social science laboratory. 'B' is the number of beers consumed. 'W' is the number of women that you've had. 'K' is the "Babe Coefficient," while 'HM' and 'HF' are the pherormone constants of the male and female, respectively. This equation seems to hold true for all situations, but so far, we've only tested it for values of W less than 1 and B greater than 6. We hope eventually to test out values of W greater than or equal to 1. However, we're certainly not going to hold our breath.)

"Even though these guys study hard, they really are kind of wild. I mean, we stayed up all night watching the *Benji* movies. I've never stayed up past 11:00 pm before!!! We all play loud Neil Diamond albums until midnight, and we have the greatest milk-chugging contests on Thursdays. If I didn't know better, I'd say that these Page guys are really nothing more than party animals..."

(This obviously lost soul must live in the basement or something. If he had any clue at all, he would realize that normal bedtime is 3:00 am, and that all Neil Diamond albums found by Page members are summarily destroyed. And if this frosh had a clue, he would know that Page events do not involve movies about cutesie animals. They involve such things as:

Hot shooter!! Every night is Craps Night in Page House. Many people have told us that we have a gambling problem. Naaaahhhh. I won five bucks last time I shot craps. I don't have a problem.

Since Brooks, Fester of Page House resurrected the Beer Fridge, we had to make a run. So we fired up the Fishmobile, and went out and bought enough Schaeffer's to sink battleships. Needless to say, several hundred dollars worth of beer are quite heavy, and so the Fishmobile is now in desperate need of new shock absorbers. OH WELL.

Apparently, an undisclosed number of Rudds tried to play "Rump Rodeo" with the Page House Beer Frosh. Fortunately, the attempted sodoly failed, and the homoerotic Rudds had to settle for a raunchy snuggle. Of course, the underwear in question will be given burial with full military honors this Sunday.

Big question of the week: "What are Ajay's real intentions concerning Mimi?"
 Big question of the week #2: "And what about Brett's 'advances' toward Shailla?"

Big question #3: "Is anyone still reading this?"
 "Well, it's time for me to go study now. Say hi to Skippy for me, and I'll write again in two days, like I always do..."

(Anyone who writes a letter every two days is sick.)

Your Loving Son
 Calvin

P.S. Send money
 (P.S. Who gives a crap about money. Send more % % % & !? women!)

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Tuesday
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 7:00-9:00 p.m.
 The Wynnette Building
 Wynnette Lounge

To contact us about summer internships, work-study programs and entry-level positions, send your resume to: Apple Computer, Inc., College Relations, MS 39ACR, 20525 Mariani Ave., Cupertino, CA 95014.

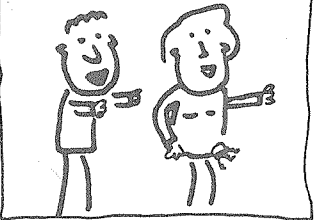
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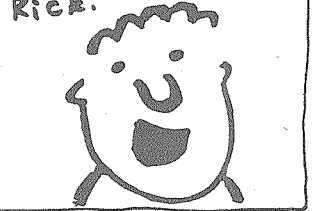
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Awesome Punchline

Jean had a secret about Rick and was going to tell everybody.



I didn't know what it was all about, but everybody was having a good time—even Rick.



Jim's Journal

by Jim

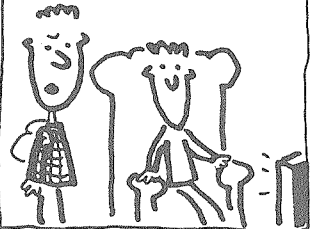
Tony was reading The New York Times over his breakfast today.



As he was leaving for class he walked by Steve, who was watching "The Joker's Wild."



"How can you watch that nonsense?" he said.



After Tony left, Steve looked at me like he didn't know what was going on.



The Inside World

Dabney

Well, now that I'm freed from the evil Biblical format, I can be obnoxious in regular prose. The Wine and Cheese Party was a real smash, even though Rob didn't get totally smashed emptying the old wine bottles. But at least Ricardo was there. Of course, since Gaby was glomming him, he started saying obnoxious things in Spanish rather than in English when he was drunk. And now we know what kind of wine the Kennedys like. And for only \$1.99, it's a real bargain!

Santa Claus is all lined up for the holiday party. Harry Gray's liver has some sort of death wish, with the type of heavy-duty drinking that he'll be doing. Two holiday parties in one day? Unreal. I guess we'll just wheel him over to Blacker in a shopping cart. But now what are we going to do for an Elf? Oh, no! Not our second choice!

Everyone should come by and see Brad's personal stationery collection—blue books. It's okay to use as long as you don't actually turn in a love letter to one of your TAs. Of course, then your girlfriend could grade your math midterm. Or does she grade your performance already? We really should think about reviving some sort of shower war with another house. Brad's such a ringer—there's no way anyone is making Brad go where he doesn't want to.

I see that the iron-clad 25-cent admission rule to room 32 is relaxing somewhat. I think that Gaby has worked out some sort of deal (did somebody say deal?) with Ivar so that he can "get in" free, so to speak. And supposedly there is some sort of arrangement (did somebody say arrangement?) between Jill and Stephen so that he can get in free. But why not? Debi T. does Rich's laundry. Perhaps all the freshmen should get together and start a laundry service for the rest of us.

Events of the Weekend: Erin's Memorial is 4-6 this afternoon. Saturday we all go rollerskating, and Sunday nobody is going to Disneyland. Boy, what's happened that nobody wants to go to the Happiest Place on Earth? Instead, on Sunday there will be a shampoo sale in the Alley 4 Kitchen, since there is now a 3.6:1 shampoo bottle:person ratio in Alley 4.

Psychology experiment of the week: Chart the different personalities of Riki and Charles during the week. Are they converging? Is Charles getting louder and more talkative? Is Riki suddenly more interested in computers? The convergence is really scary. Let's just hope that Charles didn't take unfair advantage of her.

Answer to the Trivia Question of the Week: 1910. Thanks go to John Uhley and Adam Janin for the inspiration for and the first fourteen:

Future Darb Occupations

- | | |
|---|-----------------------------------|
| Earl Hubbell, Sumo Wrestler | Adam Janin, McDonald's Chef |
| Trevor Placker, Gynecologist | John Uhley, Construction Worker |
| Richard Sincovec, DEA Operative | David A. Edwards, Pro Quarterback |
| Jon Hamkins, Seamster | Chris Oei, Watch Salesman |
| Dave Bourgeois, Tuxedo Salesman | Charlotte Manly, Belly Dancer |
| Dave Stevens, Vacuum-Cleaner Salesman | |
| Jeremy Gollub, Acid Rock Star | |
| Pat and Kerin Huber, Dabney House RAs | |
| Pete Wyckoff, Fundamentalist Preacher | |
| Rachel Schwartz, Pig Farmer | Jackie Holmes, Ballerina |
| Lyle Scheer, Projectionist | |
| Mike Greenblatt, President of the US | Steve Anderson, Hair Stylist |
| Chris Raymond, Speech Therapist | Tracy Fu, Sex Therapist |
| Roberto Hanna, Male Prostitute | |
| Rus May, President Pasadena Chapter AA | |
| Amy Stern, Gorgeous Lady of Wrestling | |
| Brad Threatt, Aerobics Instructor | Stephen Heise, Maytag Repairman |
| Alex Dukhovny, KGB Operative | Jon McGill, Proctologist |
| Dave Wood, CIA Agent | Swagato Banerjee, Top 40 DJ |
| Kirsten Babbitt, Nun | Erich Schneider, Bouncer |
| Allen and Reneau Kennedy, Police Officers | |
| Riki Moilanen, Mime | Richard Bang, Auctioneer |
| Richard Benzinger, Mountain Man | Anne West, Fashion Model |
| Patty Tsai, Atheist | Carlos Salinas, Visionary |
| Golda Bernstein, Las Vegas Showgirl | Roy Wada, Stand-Up Comedian |
| Rahul Mahajan, Chairman, Pasadena Welcome Wagon | |
| Sven Peterson, Toothpaste Commercial Model | |
| Maneesh Sahani, Human Cannonball | |
| Todd Allendorf, Las Vegas Lounge Singer | |
| Alf Mikula, Midget Wrestler | Harold Zatz, Gossip Columnist |
| Eric Schell, Ralph's Cashier | |
| Keith Seitz, White House Spokesperson | |
| Steve Byers, Olympic Track and Field Star | |

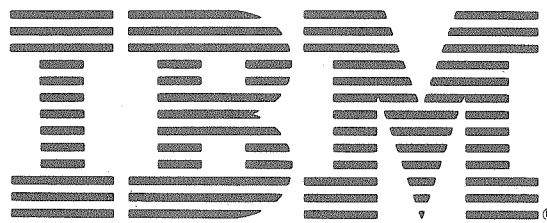
—Chlorofluorocarbons

Ruddock

Nik isn't writing the Inside World this week. This is our chance to severe on him. You know who and you know who are you know what. Gee, I guess I just don't have the hang of it.

-Jaded

When you start your career, there's nothing like initial success.



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Meet with IBM Managers At Our Career Information Day

Thursday, November 16
Winnett Lounge
12noon - 5pm

There is no formal presentation, so feel free to stop by anytime during the event. Please bring 4 copies of your data sheet/resume and transcript, if available. Dress is casual.

Interviews may be arranged through your career placement center for Friday, November 17.

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what goes on

scholarships

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

Mechanical Universe

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

Dia De Los Muertos

El Centro De Accion Social is presenting a Day of the Dead folk festival at Central Park, 37 E. Del Mar in Pasadena, on November 3 from 6-9 pm. The festivities will include folk art, music, theater, food and more.

Fishing For Ideas

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

Memorial for Erin Hellner

There will be a memorial service for Erin Hellner in Dabney Lounge on Friday, November 3, 1989. The service starts at 4:00 pm with a reception in the garden following the service.

November Blood Drive

There will be a two-day blood drive in Winnett Lounge on November 8 (10:00 am-2:45 pm) and November 9 (8:15 am-1:00 pm). Contact Denise Okamoto in the Personnel Department, x6374 for an appointment, although walk-ins are welcome. During this blood drive, there will be a contest between the undergraduate Houses to see which House can provide the highest percentage of donors. The prize is 1/2 keg of beer or the equivalent in soft drinks.

The Politics of Nuclear Winter

On Wednesday, Nov. 8 at noon in the Judy Library, Baxter Hall, history professor Larry Badash of the University of California, Santa Barbara, will talk on "The Politics of Nuclear Winter." This brown-bag lunch talk is part of the Science, Ethics and Public Policy series.

Korean-American Students

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

It Can Mean Only One Thing...

On Saturday, November 4, the Caltech Science Fiction Club will celebrate the 20th anniversary of Monty Python. The meeting will also serve as a tribute to Graham Chapman, who recently died of cancer. Graham played the lead role in the first two films: *Monty Python and the Holy Grail* and *Monty Python's Life of Brian*. We will also show the group's last (to date) feature film: *Monty Python's The Meaning of Life*. Also: "The Science Fiction Sketch," and perhaps a Summarize Proust Competition. Time: 8:00 pm. Place: Catalina III rec. room. Questions? Eric at 564-8949. And now on BBC1...

Women's Reading/Discussion Group

On November 7, at 6:30 pm, the Women's Reading/Discussion Group will meet for a potluck dinner and screening of the film *Women and Film*. The meeting will be at 546 S. Catalina (between Del Mar and San Pasqual). Reading on the film may be picked up in Dabney Hall, Rm. 211.

Two Folk Concerts Next Week

On Friday, Nov. 10 at noon at Winnett, folk musicians Cathy Fink and Marcy Marxer will present a special noon program both of and about music. This program is free, and should whet your appetite for:

The Caltech Folk Music Society concert in Dabney Hall, at 8 pm, Friday November 10, featuring: Cathy Fink and Marcy Marxer. These two play a wide variety of instruments in a wide range of music, but are heavily into traditional American forms of music. Tickets are \$8 general admission, \$4 for Caltech students.

Play Bridge

Play bridge at the Caltech Bridge Club this Monday. We meet every Monday at 7:00 pm at the Red Door Cafe on the second floor of Winnett Student Center. No card fee, no membership fee, no partner needed. Undergrads, grads, faculty, etc. welcome.

Soccer, Anyone?

GSC Soccer is starting again this year. If you are interested in joining a team or forming your own team, please contact the Athletic Director, Dan Bridges, at x6146. Play will be in two divisions: A League, for advanced players, and B League for beginner-intermediates.

Waiters/Managers Needed

Looking for a job? The Caltech Coffeehouse has plenty of openings. See Jeanine Conneally in the Student Activities Center, Room 64. Note: Due to staff shortage, the coffeehouse may not have regular hours unless we can resolve this matter soon.

History Film Series

Every Monday evening at 7:30 pm in Baxter Lecture Hall, there will be a free film shown as part of the History Film Series. These films are open to all members of the Caltech community.

The November 6th film is *1900* (Part 2) (Italy, 1976—Bernardo Bertolucci). Bertolucci's epic is a brilliant history of 20th century Italy, a study of the rise of fascism and socialism, and an intimate portrait of two families whose destinies are inevitably linked.

Engineering Job Fair

Rockwell International will be hosting an engineering job fair for aerospace, chemical, civil, electrical, industrial, manufacturing, mechanical, and systems engineers as well as computer scientists, physicists, and chemists. The fair will be Saturday, Nov. 4 from 8 am to 2 pm at Rockwell International in Downey. The Career Development Center (08 Parsons-Gates, or x6361) has more information or contact Dr. Kanata Jackson in College Relations at Rockwell at (213) 922-1208.

Let The Games Begin

Every Friday night, the Caltech Gamers meet to enjoy role-playing and board games. Usually the meetings are in Winnett Clubroom 1 (Nov. 3 and 10 meetings are in the SAC) at 8:00 pm. Meet others who share your interests. All welcome! Most common Friday games are fantasy role-playing, but it's a good time to find players to share whatever games you like.

Putnam Exams

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

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Scholarship Listings

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

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

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

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

The American Scandinavian Foundation of Los Angeles is awarding scholarships for 1989. Upper and graduate students with demonstrated interest in Scandinavia, majoring in business, arts, science, linguistics, and music, are encouraged to apply. Applicants must have strong academic qualifications and must show financial need. Deadline for application is November 15.

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

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

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

The Sylvia W. Farny Scholarship has a grant of \$1,000 to be awarded to a student for the final year of undergraduate study. Applicants must be U.S. citizens and studying Mechanical Engineering. Deadline is February 15, 1990.

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

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

Cambridge Graduate Fellowship

Applications are available in the Deans' Office (102 Parsons-Gates) for the Churchill Scholarship program. The one-year graduate study award is available to graduating seniors and graduate students. It includes full tuition, a \$4,000 living allowance, and a \$500 travel allowance. Churchill College is a predominantly engineering and science-oriented college at Cambridge University. Applicants must be U.S. citizens between the ages of 19 and 26.

The deadline to submit a complete application to the Deans' Office is November 15th. Caltech can nominate two candidates to the Churchill Foundation.

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