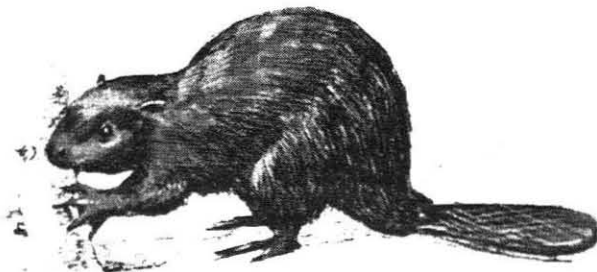


The Caltech Anime Society  
presents  
**Mononoke Hime**  
9 PM Saturday, SAC 13



Another year, another ponding for Nathan "Electric Nose" Lewis

# THE CALIFORNIA TECH

VOLUME C, NUMBER 6

PASADENA, CALIFORNIA

FRIDAY, OCTOBER 23, 1998

## ITS holds open house in Steele

BY SHANNON STEWMAN

Although to most undergrads it's just a place to use a computer or pick up printouts, Information Technology Services, Caltech's primary campus computing center, has a far broader charter and provides services from multimedia design to staff training.

Since its renaming from the Campus Computing Organization and its move from Jorgenson to Steele, ITS has finally settled into its new location. The open house, which has been planned since June, is co-ordinated by Marizka Szalonek of the ITS Technology Learning Center. An open house, according to Szalonek, is in honor of the new facilities: "We have a new facility and a new building; we just wanted to welcome everyone to it."

The open house will feature tours of the various branches of ITS and digital imaging demonstrations from outside vendors in care of the Digital Media Center in Sherman Fairchild Library. The tours will include the campus computing laboratory, the Digital Media Center, the ITS help desk, the network operations center, the Technology Learning Center, and the CITnet 2000 project. Tours will be given to groups of fifteen hourly, starting at 1:30 PM in Steele room 235. Appetizers and refreshments will be on hand for the duration of the event.

The tours of the Technology Learning Center will highlight their tech commander training facility. The facility allows trainers or professors to broadcast their computer activities to the monitors of the students, to view what any student is doing, and to project any computer monitor onto a large viewing screen.

The network operations center will demonstrate its new network monitoring facilities. Although not all the infrastructure will be in place until CITnet 2000 is completed, the ITS network operations center has already begun operations. Several of the software packages in active use include NetHealth,

PLEASE SEE ITS ON PAGE 6

## SURFing season winds down

BY TIM RAUB

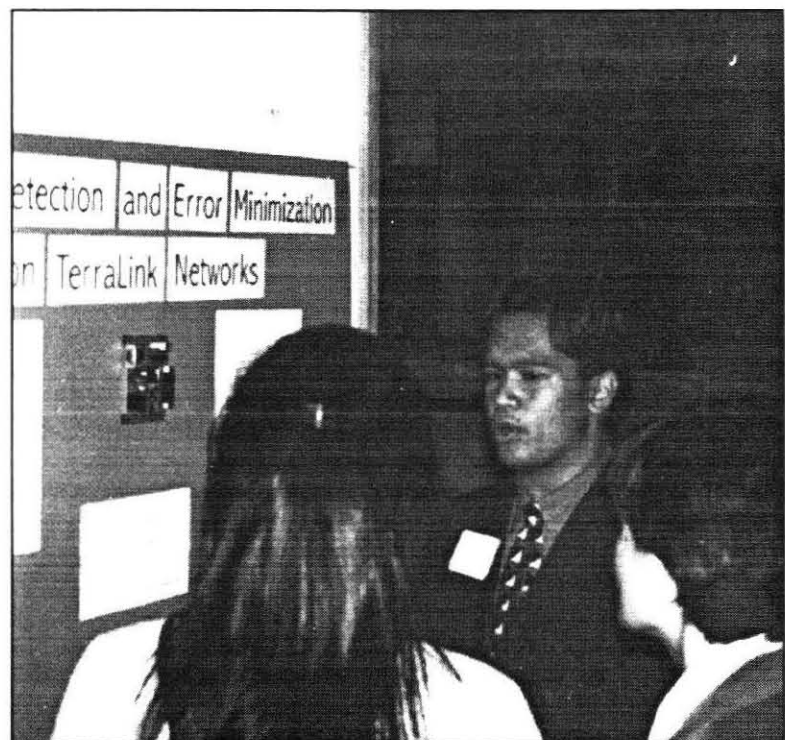
So your roommate wore a suit and tie last Saturday and you don't know why? Did the balloons and posters decorating the campus confuse you? On October 17, Caltech celebrated the 20th anniversary of its unique Summer Undergraduate Research Fellowship (SURF) program. Even the San Gabriel Mountains made a stunning appearance to preside over the festivities.

This summer, 293 undergraduate students gained first-hand experience and insight into the research process and professional life in various fields of interest. David Baltimore, President of Caltech, noted that "through SURF, students join the community of scholars in exploring nature's secrets or creating new devices or processes. The joys and struggles of solving new problems deepen their understanding of the process of science and engineering."

For more than 200 of these students, research experience culminated Saturday in seminars where they communicated the significance and the details of their research to an audience

ranging from professional scientists to interested lay people. Most students gave a 15 minute oral presentation followed by 3 minutes of questions, and a few students created poster presentations and talked to interested community members on San Pasqual mall for an hour in the evening. At the end of the day, Carolyn Merkel, Director of Student-Faculty Programs, announced the 29 students to whom judges had awarded semifinal status in the Doris Perrell Speaking Awards. These students will give their presentations again during the week of November 9, and three of them will win cash awards and represent Caltech at the Symposium on Undergraduate Research later in the year.

This year, SURF projects ranged across many disciplines and took place on campus, in the business world, and at universities abroad. Specific topics were diverse: Sarah Milkovich, a Speaking Award Semifinalist, related the location and depth of lightning strikes on Jupiter to the atmospheric conditions in its clouds; Betty Hong studied the geomagnetic sensory perception of fruit flies and nematodes;



Ron Dollete explains his Summer SURF project

Stavroula Otis took a holistic approach to social criticism in Victorian literature; and Jeremiah Smith worked to develop cheaper, more efficient radio power amplifiers. Other students pursued interests ranging from plate tectonics to the Russian banking system, from virology to volcanic eruptions, from microfabricated ion pumps to microbial life in the extreme conditions of Mono Lake, as

well as many other branches of Biology, Chemistry, Engineering, Geology and Planetary Sciences, Physics, Math, Astronomy, the Humanities, and the Social Sciences.

Each student received a stipend of \$4000 for their summer's work. SURFers working at Caltech and JPL had weekly opportunities to attend seminars on current research and

PLEASE SEE SURF ON PAGE 6

## Chandler Toiletries

BY JEREMY TOLLEFSON AND ERIK DILL

Recently, the Housing Office decided to overhaul some plumbing on campus. Students saw this as an opportunity to overhaul the seating outside the Red Door Café. Late Monday night, graduate students and undergrads conspired to replace all of the chairs outside Winnett with toilets.

Grad students initiated the prank, and enlisted help from Blacker, Ricketts and Fleming Hovses. With two daihatsus and two pick-up trucks, they began shuttling the toilets to the middle of the Caltech campus while moving the chairs to Gates 22 and the second floor of Winnett. For once, the frosh in Chem 1a might actually have enough places to sit!

Security intervened several times, asking the pranksters whether they were stealing the chairs or toilets, but did not hinder the effort once discovering that it was a prank. After

two hours of loading and unloading the new porcelain seating, everything was in place and the workers went to await the campus reaction.

Workers from Physical Plant were the first to discover that 56 porcelain toilets had replaced the teak furniture outside of Winnett. Initially, there was a highly charged discussion among departments as to who was responsible, and who should be billed for cleaning up the prank. It was even suggested that Blacker Hovse be billed, under the mistaken impression that they had organized the prank. However, the humor of the situation eventually won out. Several administrators, including Kim West and Tom Mannion, reportedly found the prank very amusing. The prank even received front-page coverage in the Pasadena Star-News, just below an article about the selection of the 1999 Rose Queen.



Modern day renovations at Chandler and the Red Door

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## Clubwatch!

The **Caltech Amateur Radio Club**, CITARC, will be attending the Collegiate Championships, now recognized by the ARRL, November 7-8 and November 21-22. Mike Tope ([w4ef@pacbell.com](mailto:w4ef@pacbell.com)) will be captain of the CW team and Marty Woll ([martin.a.woll@us.pwcglobal.com](mailto:martin.a.woll@us.pwcglobal.com)) will be captain of the Phone team. Please contact them if you would like to join.

The **Caltech Anime Society** will be holding showings every Friday and Saturday in SAC 13 from 7:00 pm to 11:00 pm. They encourage anyone to drop in at anytime. This weekend on Saturday they will show the special feature film *Mononoke Hime*, which is the last film by director Miyazaki Hayao and the latest film from Studio Ghibli. For more information send email to [anime@ugcs](mailto:anime@ugcs).

**Caltech Astrology** potluck and star party: We should be able to see that funny blinking thingy in Cassiopea. Meet at the ERC at 5:30 to carpool.

The **Caltech Bridge Club** meets every Monday night at 7:30 pm in the Avery Dining Hall. Come early to find a partner. For more information, email [nolte@its](mailto:nolte@its).

The **Caltech Motorcycle Club** races at Willow Springs International Raceway (Rosamond, 80 miles north of Caltech) on the third Sunday of every month. For more information call 805-256-1234 or email [racewillow@aol.com](mailto:racewillow@aol.com). For additional information about the club contact Chris Claypool at [cc@its](mailto:cc@its).

The **Caltech Racquetball Club** charges at \$10.00 membership fee per calendar year.

Caltech Students can become members for free. The fees cover participation in an annual tournament, a racquetball clinic, discount on equipment, and food and drinks during the organizational meetings. For more information, email [hazman@its](mailto:hazman@its).

The **Caltech Soccer Club** has started its season for the year and is looking for Caltech students, staff, alumni, and JPL employees to play in the men's league in Arcadia. The season lasts September to May. Join at anytime. Practices are held Mondays and Wednesdays at 6:00 pm and Saturday at 9:00 am. For more information email [soccer@its](mailto:soccer@its).

If your club is having or has recently had an event, and would like to have it publicized in *Clubwatch!* please email [editors@tech](mailto:editors@tech) with all relevant information,

## The Outside World

by Cheryl Forest

**WYE MILLS, MARYLAND:** The Israeli and Palestinian peace negotiations continued this week. The most recent step forward occurred Thursday, when the negotiators reached a tentative agreement on security. The Palestinians wanted Israel to withdraw from another 13 percent of the West Bank, while the Israelis wanted a comprehensive security agreement, including a crack-down on terrorism, from the Palestinians. However, according to U.S. State Department spokesman James Rubin, "This is a continuing process," and thus there remains much work to be done.

**CAPETOWN, SOUTH AFRICA:** South Africa's Truth and Reconciliation Commission will present its final report to the nation next week. The 3,500 page report is the culmination of the commission's work since it was established in 1995, which was the year after all-race elections ended white-minority rule. According to Truth Commissioner Mary Burton, "The report is an important milestone. It has been a very necessary, but very difficult experience for individuals and the country."

**WASHINGTON, DC.:** The Microsoft antitrust lawsuit entered the second day of testimony in court on Thursday. This lawsuit, put forth by the Justice Department and twenty other states, claims Microsoft illegally used its influence as the maker of the dominant Windows operating system to try to dominate other markets, such as Internet software. Microsoft claims that its immensely successful business strategy - to build browser technology directly into its Windows products - has been completely legal.

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advertising email: [adv@tech.caltech.edu](mailto:adv@tech.caltech.edu)  
ISSN 0008-1582

VOLUME C, NUMBER 6  
OCTOBER 23, 1998

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Hall Daily

**PEPINES**  
Advertising: 5 p.m. Monday  
Announcements (Mints): noon Monday  
Letters to the Editor: 6 p.m. Tuesday  
Unsolicited Articles: noon Monday

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Printed by News-Type Service, Glendale.



LETTERS TO THE EDITOR

Rotation, Reform, and Frosh

Dear Editors:

I know Jason Meltzer meant "Rotation, Part II" in a primarily satirical vein, but I can't help but notice its reflection of the widespread attitude that the frosh are some sort of meat to be apportioned among the Houses according to their tastes. I don't think the problems with Rotation are going to be solved until this attitude is reversed—put the Houses on the meat rack and let the frosh choose which ones they want! I know that some will loudly proclaim that this will dilute the personalities of the houses, but will it really? The frosh will know which Houses fit best with their personalities much better than vice versa. Others will say the frosh do get plenty of choice for Houses. Of course, all the upperclassmen know how the system really works. Sorry frosh. . . by some strange perversion of reality, the IHC feels that knowledge is a dangerous thing and therefore telling you how the system works would be a "Rotation Violation." So I won't describe my understanding of the process, for fear that I would be censored. So much for freedom of speech. Even if the system is

not radically changed, this system of fear and silence must be done away with.

In any case, if as Meltzer says, no one actually likes Rotation, why isn't there a campuswide discussion on the subject and movement to reform and change it?

Well, in case anyone does decide to do anything, here's my two cents. At the venerable institution at which I received my undergraduate education, there once existed a lovely system for putting freshman into Houses. The freshmen did not live the Houses. Towards the end of freshman year, they would get together in groups and rank four houses. A lottery would then be used to try and give the groups one of their top picks. Unfortunately, such a system could not be implemented at Tech right now (we'd need a place to put all the frosh for a year). But it is worth looking into for the distant future. . . the frosh get a voice, the getting-to-know-you phase is a year long, and a self-perpetuating way for upperclassmen to have a power trip is finally eliminated.

Frosh: it's up to you to do something about this. Demand to know what Rotation is all about. . . and then change it if, as I think you will, you find it demeaning.

Derrick Bass

Did you know Matthew Shepard?

You probably didn't and neither did I. But I got to know him very well over the past week. If you were being typical Techers, sufficiently isolated from the outside world, please allow me to intrude. What happened to Matthew changed my world, and I feel you should know about it too.

Matthew Shepard, a 22-year-old University of Wyoming student majoring in political science, died on Monday, October 12th. On the previous Tuesday night he left a popular campus hangout with two men of around his age, who later robbed and savagely beat him. Matthew was pistol-whipped and left tied to a fence in near-freezing temperatures outside Laramie, Wyoming. His body was so mutilated that passers-by who found him twelve hours later at first thought he was a scarecrow. Although a motive of the attack was robbery, Matthew was singled out and murdered because he was gay. He was an easy target at his 5'2" and 105lb. His attackers claim that Matthew made passes at one of them and that they needed to get back at him. But think about it . . . get back?! If every female at Caltech reacted that way after an unwanted pass, or if a gay male stu-

dent reacted violently to a pass from a female student, we wouldn't have many students left.

The reaction of the United States and the world was overwhelming, coming from both within and outside of the gay/lesbian/bisexual/transgender community. Thousands of people sent cards and e-mails to Matthew's family, to newspapers, and to state and national officials. People wrote from China, Zimbabwe, France, Australia, and Ireland, joining in protest, sorrow, and support. Web pages across the world have been dedicated to the memory of Matthew. Hundreds of candlelight vigils for Matthew have been held across the country, in nearly every state and city you could possibly think of. The one in Pasadena was on Sunday, October 17th, and I was happy and proud to see many of you there. Over a dozen Techers, together with about 500 others, convened in front of Pasadena City Hall, each to light a candle in memory of Matthew, share their feelings, and look for a way to a world with less hate. And while the vigil confirmed my faith in this community, it still left me wondering if we are doing enough.

I always thought of Caltech as a tolerant school, not such a bad place to be gay. But Matthew probably felt equally protected at the University of Wyoming. Just because it happened there and not here doesn't change anything. I saw a

picture of Matthew's killers. The looked like a couple of scared boys. They are only 21 and 22; their girlfriends, charged as accomplices, even younger. Their friends said they would have never expected them to do such a thing. But then, you would never expect such a thing from another human being! Matthew's killers seem just like someone you might know, someone who could live next door.

And for all practical purposes you do know people like that. Because Caltech is not ideal. Yes, the majority is supportive, understanding, and open minded, but that's not enough. Many gay, lesbian, bisexual Techers are still uncomfortable and afraid. Trust me, I know them, and they remain in the closet, partly because they are scared of you, of all of us. Ask yourself, have you ever excluded someone from your circle of friends just because they were not straight? Have you ever made a crude gay joke? Have you ever put down an idea, saying it was "so gay?" Have you written "FAG" on someone's whiteboard? Have you ever kept silent while someone else was doing it? Next time it happens I'll think of Matthew. And I'll make sure that you do too. Because, for me, there is no such thing as a small act of intolerance, no such thing as a small bigotry. Words of hate helped put Matthew on that fence to die. And we are all to blame for it. We could all have done more to make this world a place where no one could even imagine such an act.

I sure couldn't have imagined anything similar to what has happened. I spent last week was in a haze. I spent hours watching news reports, reading CNN's homepage and browsing through different mailing lists. Articles and posts were appearing quicker than I was able to get to them. I was trying to find an explanation, support, closure. Matthew Shepard was killed because he was different — the same reason for which Nazis killed Jews, for which the KKK killed African Americans, and for which ethnic cleansing still takes place today. Some people still haven't learned how to see others as individuals and to accept their differences. I can't even start to explain how much that is against everything I stand for. Too many times I've been judged by my ethnicity, nationality, social status, or sexual orientation. Many people, including me, identified with Matthew. You should too. Because it could have been your friend, brother, son, or it could have been you on that fence in Wyoming.

Unfortunately the story doesn't end with Matthew's tragedy. Just this summer powerful political groups acting in the name of Christianity were buying ads to say that being gay is wrong, immoral, sinful, you name it, condoning and contributing to an atmosphere in which gays are treated as second-class citizens. Those messages promote hate and bigotry; those messages killed Matthew Shepard. Now many of the religious extremists are laying low while the storm passes. Don't let that fool you — they are dangerous, they are not changing, and the storm won't ever pass, at least not for me. I refuse to live in a world where you have to be scared because of who you love. And I'll do everything I can to change that, starting with this letter.

So what's next for you, now that you know what happened? You can give a hug to a gay friend (if you think you don't have one, look a bit harder, you'll be surprised). You can call your House Representative, your Senator, your President, and urge them to help pass the Hate Crimes Preventions bill, which allows for harsher punishments against criminals motivated by prejudice. You can look at <http://www.mattshepard.org> or <http://www.wiredstrategies.com/shepard.html> and get to know Matthew the way I did. You can make a donation to the Matthew Shepard Memorial Fund mentioned at both these sites. You can try to understand and become a better person. And because you are Techers, I believe you'll do no less.

Dusan Misevic

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# A.S.C.I.T. Minutes

OCTOBER 12, 1998

**Present:** Never underestimate the power of the **BoD**, **Tina Salmassi**.

**Meeting called to order at 22:05.**

## Dealing With Guests

**Tina** - There will be an all-nude production of "Great Expectations" on December 3 at a very small theater in Glendale. Tina has reserved 120 tickets for the show (at \$10 each) and is looking for ASCIT to help subsidize distribution of these tickets around the houses. Mike suggests that maybe the MOSH would get in on this action if some faculty were involved. Tina says that the MOSH might be a bit short on cash this term. The BoD will consider this funding request later in closed meeting. (Note: I made up the "all-nude" part to keep your attention.)

## General Business

**The Master Plan** - Baldeep thinks that ASCIT is "impotent." Duh. He is throwing around the idea of restructuring ASCIT into a blizzard of committees. Under his plan, the BoD would sit on top of the hierarchy and provide organization and oversight. A multitude of committees would handle the legwork of our operations. Things like the IHC, BoC, and ARC would stay around and some new hooligans would join the gang (Publications, Information Technology, Events Funding). This new motif would increase the amount of people involved in student government and hopefully dig us out of the apathy-and-dung-filled trench in which we reside.

**IT Expense** - Baldeep wants to take \$8000 and spend it on information technology services. Most of the money would go toward paying web programmers to provide a better online little t, improve the ASCIT porn site, maintain the book market, and keep the CLUE rolling. The BoD did have \$10,000 earmarked for an endowment (an idea which completely evaporated due to the aforementioned dung-laden apathy) so the cash is available. Mike and Baldeep are charged with working up some details on this idea.

**Memorial Service** - Devi thinks it would be a good idea to send a representative to the upcoming memorial services for David Rosefielde. She will come up with suggestions for an appropriate gift.

**Annual Report** - There is some debate over when the

ASCIT fiscal year begins and ends. Rob says the financial report is being partially done as time goes by. Monkeys may also fly out of his butt.

**Mailing Lists** - Mike will set up a mailing list for people who are not affiliated with any house. Baldeep wonders aloud if ASCIT should engage in mass mailings. There is general agreement that it is better to go through the IHC than besmirch ASCIT's good name via wanton spam.

**ASCIT Socialism** - Hanna wants to know if we should do the Halloween party or not. Apparently (former Treasurer) John Lin is excited about helping set up. An alternative would be to make funds available for each house to throw a party instead. Mike rants for a while about how instead of throwing parties directly, the ASCIT Social Director should facilitate better house-thrown parties by providing equipment and funding. For example, the Social Director could entertain requests from the houses for big chunks of interhouse dough and set up training sessions for the bartenders where they learn how to mix a decent drink.

**Grievance Committee** - Alan and Rob are both on it. Steve is the alternate. Ironical, eh?

**Bookkeeper** - The ASCIT bookie wants a raise. She is paid until January 1, so the BoD can stall on making this decision.

**little t** - The editors are yet to be paid. After a short search, the compensation schedule is produced. Rob takes a sip of the potion and hits the three-wheel motion.

## Officer Reports

**Steve** - The compiled version of the data from the last Student/Faculty conference (two years ago) is in the works. He is looking for more projects to work on.

**Autumn** - There is some money available to fix up the TV room adjoining the Coffeehouse. Autumn will assess the damage and do some pricing.

**Hanna** - Sometimes I make up a word that don't mean nothin', like looped (sp?).

**Devi** - Nothing new has happened with the CLUE. The informal system of upperclass academic advisors is in place. This may grow to replace the current advising system. There will be a meeting before midterms to gather more information about this topic. Baldeep asks Devi to give minutes of ARC meetings to Mike. The ARC will need to distribute surveys in order to ascertain what committees need to be convened in preparation for the Student/Faculty conference next year.

**Jaideep** - The IHC will be sponsoring an open forum in review of the Rotation system. Stay tuned for more details. The selfsame organization will also

study the outcome of the Avery room pick in order to ascertain if it met its stated goals.

**Rob** - Armed only with a Palm Pilot, Rob will be collecting the ASCIT dues sometime soon. Hide your wallets. Rob promises Baldeep that he will look into getting a Visa through Caltech. The Tech wants some new equipment.

**Mike** - The new roster is out. The Olive Walk kiosk needs work. Baldeep requests that Mike send everybody a list of outstanding projects to work on as a corollary to the minutes.

**Alan** - Frosh BoC talks will occur at the discretion of your BoC Rep. The BoC Reps. will be talking to new faculty teaching undergraduate classes about the Honor System. Alan will encourage the GRB to spread the word about the Honor System among the graduate students. A word from the BoC chair will be featured this Friday in the Tech.

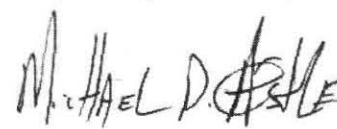
**Baldeep** - The Alumni Board of Directors met on Saturday and Baldeep was there to collect the free food. They want to be more involved in the houses and will continue doing recruitment work for the Admissions Office. Baldeep will get some of the folks from the Tech in on the next Faculty Board meeting to discuss raising the departmental cost of the Tech (which hasn't gone up since '82).

**Meeting closes at 23:17.**

The BoD votes to allocate \$600 for play tickets.

**Meeting adjourned at 23:20.**

Respectfully submitted,



Mike D. Astle  
Ascit Secretary

# A.S.C.I.T. Minutes

OCTOBER 19, 1998

**Present:** **BoD** (minus **Steve** and **Autumn**), **Tina Salmassi**, **Nicholas Breen**

**Meeting called to order at 22:06.**

## Dealing With Guests

**Nick** - The editors of the 97-98 Big T (just came out) want to get paid. They are also requesting their bonus. The BoD will dig out the appropriate paperwork and get the job done.

**Tina** - Only 60 people were interested in the play. The BoD will consider in closed meeting how to adjust funding for this event.

## General Business

**IT Proposal** - Baldeep and Mike worked out the details of what Information Technology projects they think ASCIT should pursue. ASCIT will hire students (through Caltech) to tackle the job. They will be paid in lump sums for accomplish goals (rather than hourly). Rob will find a convenient way to organize the payment. Rob moves that Baldeep and Rob be given oversight over \$8,000 for IT projects. The BoD votes 5-0-1 (Mike abstains) to approve.

**Club Funding** - The current system sucks. Rob wants to require that all recognized clubs have a Caltech account into which we can stick the money at the beginning of each term. He scratches out a quick resolution and it is unanimously approved by the BoD. So, if you are a club, and you want your money from ASCIT, you need to get an account with Caltech. Contact Rob (saliba@cco) to find out how to do this.

**Rosefielde Gift** - After much (sometimes heated) discussion, it is decided that Devi and Baldeep will craft a letter to David's parents on behalf of ASCIT. The responsibility for coming up with an appropriate memorial is shunted to the IHC (who will be meeting with Dr. West and others soon to consider just this problem).

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**Kung-Fu Pads** - Alan wants somebody to push the Athletic Department into purchasing some wrestling pads for the martial arts classes.

**Library Hours** - The libraries will be upon until 4 AM from Oct. 20 to Nov. 2.

**Officer Reports**

**Devi** - A meeting will be set up later this week to further the cause of the student advising system. Course surveys will be out shortly after midterms. If there is not some response this time around, the whole program may be scrapped (the surveys, not classes). Devi is looking for ways to motivate better teaching at Caltech. Mike is of the opinion that people don't come here for good teaching so we shouldn't sweat it. The idea of a "Teaching Guide" is put forth. Ever negative, Mike thinks that this idea would be insulting to professors. The ARC will gauge student concern about teaching and other issues.

**Hanna** - There will be an ASCIT Halloween Party.

**Jaideep** - An IHC-sponsored forum on Rotation will be held on November 2nd. The IHC will be surveying the outcome of the Avery roompick.

**Rob** - The taxes are in on time. The little t editors are yet to be paid. The Tech has some issues but is not talking to Rob. We are scrapping the Caltech Visa idea after it was revealed

to be really, really, crappy.

**Mike** - The Olive Walk kiosk will soon be home to the IHC/ARC/BoC/BoD rosters and maybe some other stuff. Baldeep asks Mike to check the master calendar to be sure we aren't missing anything. A document will be started of important notes to the next BoD. Everyone is encouraged to work on his or her officer handbook. The minutes were not in the Tech last week. Grrr. Mike will badger the phone office until they give Autumn and Baldeep back their ASCIT extensions.

**Alan** - The Tech was unresponsive on the Faculty Board Meeting issue.


**Baldeep** - Our leader will be meeting with some Alumni Association people about some kind of deal were clubs get paid for writing thank-you notes. Don't ask me how this works. He will also be meeting with Tom and Andrew about improving the SAC courtyard.

**Meeting closes at 11:31.**

The BoD votes to pay for the price of the theater trip (whatever that comes out to be) - probably about \$300.

**Meeting adjourned at 23:20.**

Respectfully submitted,



Mike D. Astle  
ASCIT Secretary

# Ynews

by Elisa Chiang

The Caltech Y, located in Steele house, is a group that works to provide programs for the enrichment of student life at Caltech. Some of our activities include Decompression where we feed the entire student body the weekend before finals, noon concerts at Winnett, volunteer

activities such as Project Angelfood and Union Station, outdoor activities like the annual Y Hike, and help other groups fund events they organize. The Y organizes Beach Cleans ups with CETF once a term, provides tutoring to students in elementary through high school, and social activities, like Broomball.

This year, we hope to have Trail Maintenance trips, biking and hiking trips, a trip to the Getty, a Dim Sum Trip, and opening more volunteer opportunities like working at Huntington Gardens. Remember, the Y pays \$12/hr to students who have Workstudy for community service.

March 18-21, 1999, the Y is sponsoring an Alternative Spring Break. We will go to an Native American Reservation in Arizona and do community service. This means workstudy money! Contact Heather Dean at [heatherd@cco.caltech.edu](mailto:heatherd@cco.caltech.edu) if interested.

This week:

The Y is sponsoring Noon Concerts on Fridays playing by Winnett. Playing today is the Latin Jazz Band, Ocho-X.

If you're interested in getting involved with the Y, we meet at 12:15 in Steele House every Monday. Bring your lunch, bring your friends, bring your ideas, or just bring yourself. Hope to see you there!

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# NCAA Division I Football: Bruins Conquer Ducks in overtime play

BY GERALD PALMROSE

I just saw the greatest football game ever. So why am I writing about it in the California Tech? Well, because the game was played right here in Pasadena, just minutes away at the Rose Bowl. The game pitted the UCLA Bruins, entering the game ranked #2 in the nation, and the Oregon Ducks, ranked #11, both undefeated. It was basically a match up of the two best offenses in the nation.

One team had to win. I sat down, watched the game, and regretted sorely that I had passed up on my chance to actually attend this game. You see, the Spalding Building had a great offer going that offered subsidized tickets for UCLA games for just five bucks. I was going to tell everyone all about this great deal, only to find out that they had been sold out for some time.

In any case, back to the game. UCLA's quarterback, Cade McNown, led UCLA in a scoring rampage that saw them score on their first four possessions and take the lead 24-7. The game looked over when UCLA had the ball on the Oregon 10-yard line with only 2 minutes remaining in the first half. Suddenly Oregon intercepted the ball and ran it almost all the way back for a touchdown. They then scored with seconds left and trailed UCLA

by 10 point, 24-14 at halftime.

In the second half, Oregon dominated UCLA like no other team had ever done this year. They roared back and let by running back Reuben Droughns and quarterback Alik Smith got a hold of the lead at 31-24, led by running back Reuben Droughns and quarterback Alik Smith. UCLA connected on a long bomb on the very next play, and the two teams shared the lead 31-31. Then happened the most amazing sequence of plays that I have ever seen. After both teams exchanged punts, Oregon started to drive the ball into the UCLA territory. It was then that star running back Droughns came back from a serious ankle injury. He entered on first down, and promptly fumbled the ball, his third fumble of the game.

Unbelievably, UCLA pulled out another magical play as they threw a second bomb for a touchdown to take the lead, convincingly 38-31. With only two minutes remaining, Oregon drove down the field and threatened to score. However they were faced with a 4th and 16 situation, which in football is as close as you can get to the worst case scenario. But a bobbled pass ended up in the hands of an Oregon receiver, and Oregon went on to score a touchdown with 22 seconds left.

Then the play known as the "Hail Mary" stunned Oregon as UCLA went deep for the third

consecutive time and got the ball into the hands of their backup quarterback/receiver, who just happened to have a 39 inch vertical. It wasn't a touchdown, but it was only a few yards away, which virtually ensured that UCLA would remain undefeated with a winning field goal. But it turned out that their kicker had problems with his leg, and by some miracle he missed a 21-yard field goal, which was a stake in the heart for thousands of fans who thought the game was over. The game went to overtime.

It was defense, not offense, that won the game in overtime. In college football, both teams are given one opportunity to score starting from the opponent's 25-yard line, and the one who scores the most points wins the game. Oregon went first, and did about as poorly as can be imagined. Sack for ten yards. Sack for two yards. Incomplete pass. Hail Mary pass that is intercepted after being tipped.

This allowed UCLA to drive the ball down to Oregon's five yard line, where their field goal kicker made up for his previous miss with a 23 yarder that clinched it.

They will remember this one in Oregon for years to come as the game that could have given them the national championship. I'm from Oregon, and I sure will.

## SURF DAY...

CONTINUED FROM PAGE 1

a series of discussions dealing with professional development and career challenges. Carolyn Merkel, Carol Casey, Susie Clark, and Cherri Brown organized many of the summer's activities through the Student-Faculty Programs office, but all in all nearly one thousand people were responsible for the success of this summer's SURF.

This year's SURF was dedicated to President Emeritus Thomas E. Everhart, under whose leadership SURF gained financial stability. In his remarks, Everhart explained that his philosophy was to "back people who you know will deliver." Anyone who spent even an hour listening to student presentations could not help but leave convinced that SURF more than meets its public expectations and hype.

David Goodstein, Professor of Physics and Vice Provost, noted in his dedication speech that "SURF, in its 20th year, is still vibrant, exciting, and dynamic. It is a powerful program

for introducing students to the forefront of scientific research." Now anticipating its 21st year, SURF clearly enjoys support from Caltech researchers, administrators, students and community members alike.

If you are interested in SURFing next summer, information is available at the Student-Faculty Programs Office which is located in the Beckman Institute. Announcements of Opportunity will be made available January 4th, and applications which include identification of a mentor and a completed proposal are due March 1st. Awards will be made after April 1st.

Robert Millikan once claimed that "creative men and women arise spontaneously where creative men and women exist, and generally nowhere else." Through SURF, Caltech students can take advantage of unique opportunities available to learn about possible careers and develop into creative researchers. Also, there's a lot of free food.

## ITS OPEN HOUSE...

CONTINUED FROM PAGE 1

which monitors factors like congestion over the long term, and What's Up for short term monitoring.

The CITnet 2000 tour will be led by Larry Watanabe and John Dundas. Larry Watanabe will be giving an overview of the project and demonstrating one

of the CITnet 2000 wiring closets. John Dundas will be discussing Caltech's involvement with the Calren2 project.

The tour of the ITS computing labs will be led by Dan Dilling, who looks forward to questions and suggestions about the labs and their appropriate uses.



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Background

Noise

by Ron Dolette

**"Hot And Horny"**  
It took me by surprise, but the latest EP from the Dance Hall Crashers is actually pretty tight. Their sound might be lost in the suddenly huge punk/ska scene, but the recent advent of swing should make their brand of garage rock appealing to more mainstream fans. The album *Blue Plate Special* has six audio tracks, all special releases that will keep fans waiting for a full length follow up to their lost-in-the-shuffle release, *Honey I'm Homely*. "Lady Luck" isn't particularly special, but "She's Trying" and the perverted Santa song, "I Did It For The Toys" are excellent, and so are the Sam Sever remix of "All Mine" and an acoustic version of "Shelley". B-minus.

Cake's got a new album, following up the wildly popular *Fash-*

*ion Nugget*. The new CD, entitled *Prolonging The Magic* maintains the same elements that led to *Fashion's* success: rock and roll sensibility, a sense of humor, and a funky bass-driven style highlighted by Vincent di Fiore's hip trumpet. Highlights include the current single, "Never There," "Satan Is My Motor" and "You Turn The Screws." Of course, one can't help but laugh when John McCrea and company croon about how sheeps go to heaven and goats to hell, or ask where your fingers go when you sleep.

*Prolonging The Magic* does not have as many notable classics as *Fashion*, but to its credit it has a more developed sound, and the group as a whole sounds tighter and cleaner. Ballads such as "Mexico" still have the same twangy country undertones as previous releases, but it's definitely not as prevalent as in *Motorcade of Generosity*, and makes *Cake* a great detour from the No Limit Soldier slash alterna-swing sound drowning the charts at the moment. B-plus.

Pecker satirizes world of art

by Justin Ho

If you're the type who's heard of the movie, *Pecker*, you probably would be the first in line to see it. The quasi-artsy/independent film without adequate funds for a centerfold advertisement in the Times or a few seconds on TV, is a movie well deserving of your attention. Plus, unless it's Casper, you can never go wrong with Christina Ricci.

The main character is Eddie Furlong (Pecker), of rebel fame from *Terminator II*. To his credit, he brings an almost unrealistically charming teenage mindset to the economically depressed Baltimore suburbia. His passion is taking lots and lots of pictures. He sees beauty in everything, even in the yellow-brown urine stain on a bed sheet. His obsession with pho-

tography a vision of art's omnipresence in all walks of life is matched by equally eccentric fellow Hampden denizens: his girlfriend, Shelly (Christina Ricci), a jaded laundromat queen; his best friend, the boy king shoplifter; and his grandmother—a little old lady who clings to faith in her talking Virgin Mary statue while selling pit beef sandwiches from her front porch.

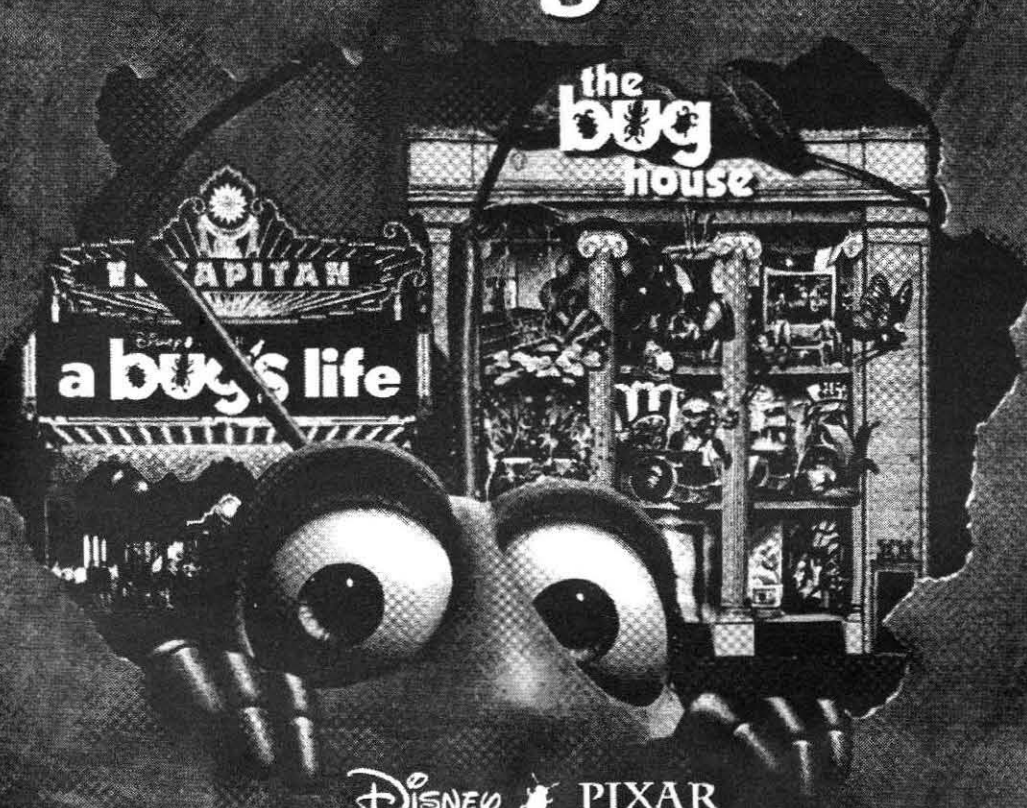
Despite some vulgar moments, resembling a cross between *Striptease* and *Seinfeld*, director John Walters manages to maintain a sense of innocence. The quirky town of Hampden is thus innately content and harmless, regardless of the raunch hidden for the time being. The town's inhabitants manage to practice the most ironically interesting habits to fight the old ennui.

During a burger shop photo show, about 15 minutes into the movie, *Pecker's* gift is suddenly spotted by a Manhattan art world extraordinaire, and the rags-to-riches theme which is reminiscent of the director's

previous films begins to unfold. Once blazoned in every major newspaper and magazine across America, the themes of the innocent real-life photos Pecker has accumulated transcend to an analytical plane, and each aspect of this perky "What's eating Gilbert Grape" town scrutinized. Amusing in its satire of the art world and the thin line it has created which ostensibly differentiates between genius and the norm, the movie illustrates how this magnifying glass corrupts the town karma—a sudden conformity arises in the town out of shame of their own quirkiness which disturbs the uniqueness that once characterized Pecker's photos. The resolution is a rejection of this art world, and a return to the paradox of this haven—a blend of tongue-in-cheek innocence, humor, and decadence.

— A cross between *Basquiat*, *Seinfeld*, *What's Eating Gilbert Grape*, and *Striptease*  
Rated: R  
rating: \*\*\*\* (it rocks)

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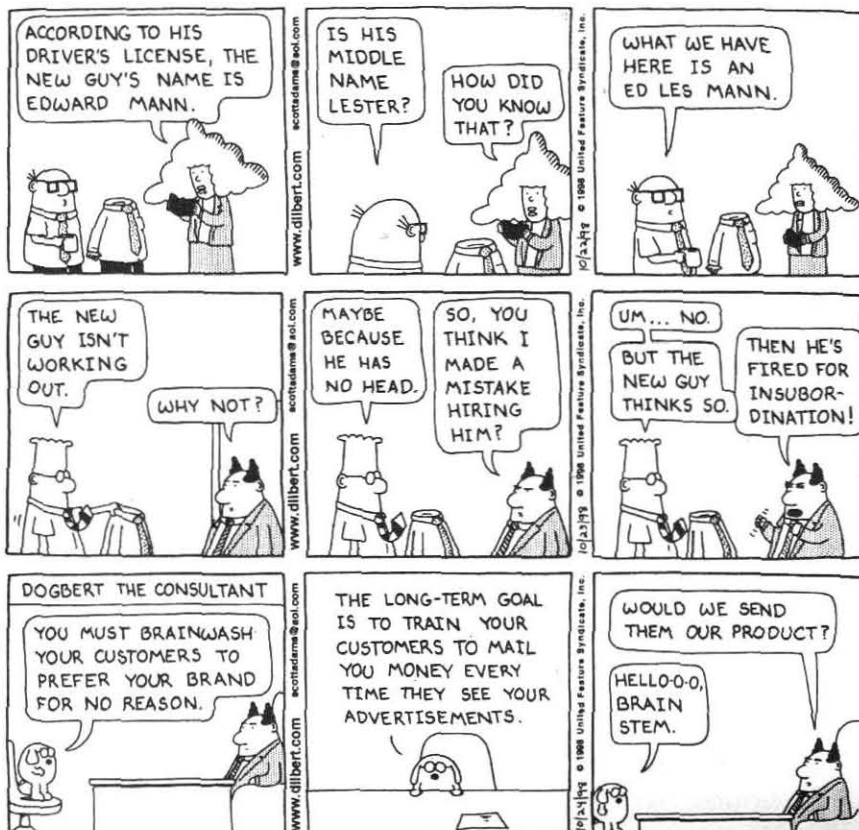
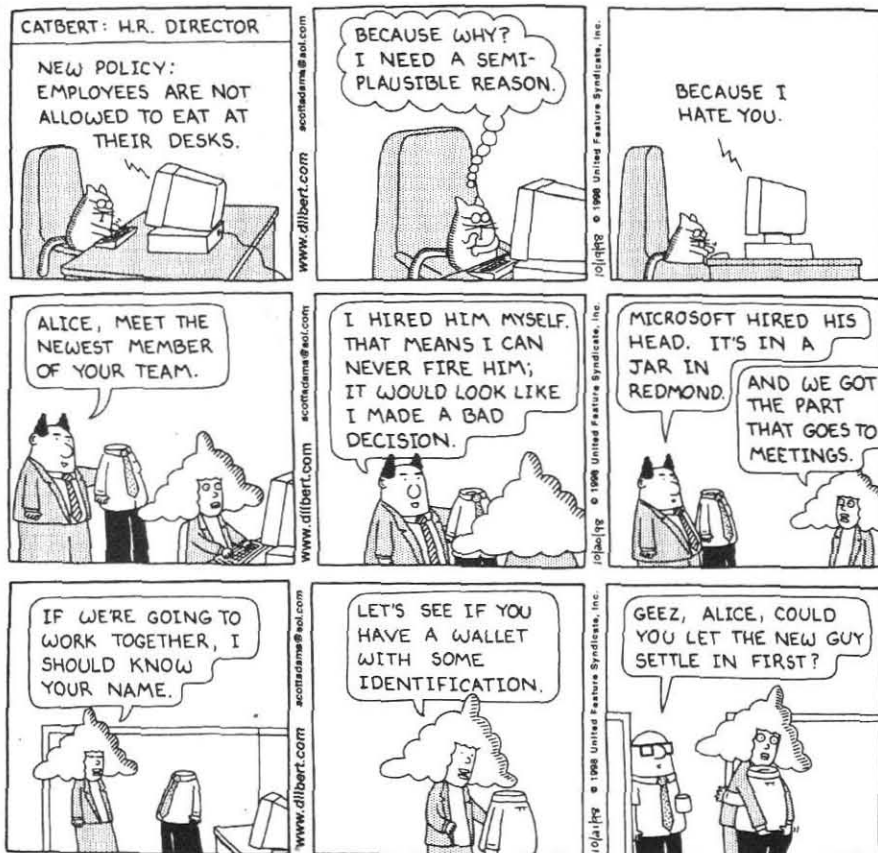
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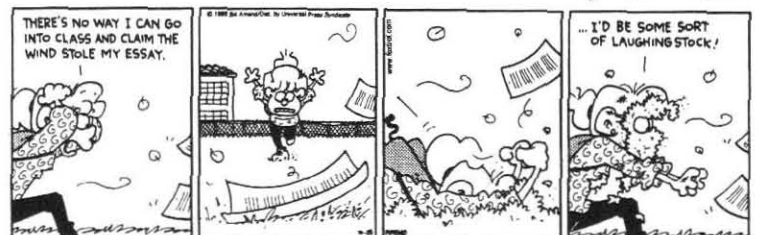
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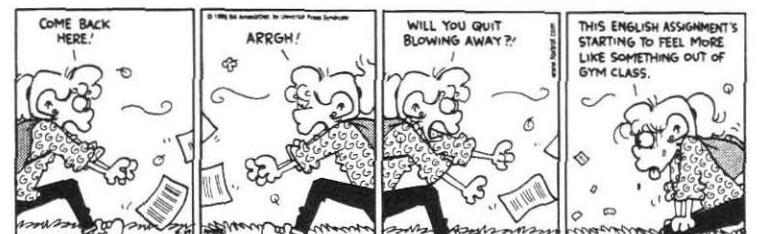
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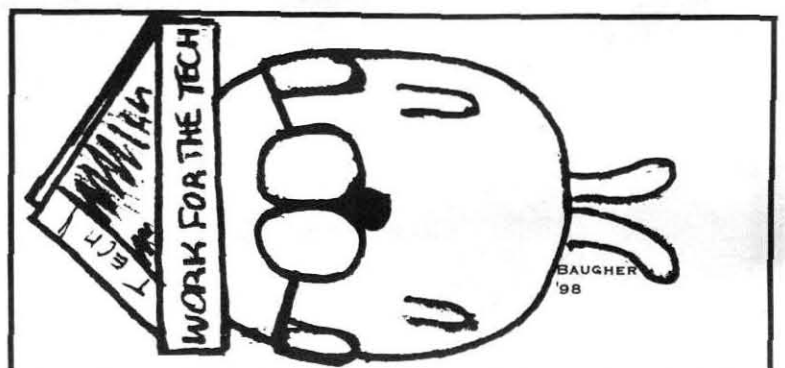
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# Dean's Corner

## Verdant virtual virtue

by Jean-Paul Revel

world and play out some of their fantasies in the flesh (sic). Unfortunately that does not work out well. Gray goes past the (unsaid) limits that Zutut5 feels comfortable with. Well she does not say so right away, it turns out, but that's what she claims in court later. In fact Zut writes to Gray that she was thrilled by the encounter. I understand that she might not wish to criticize her companion's behavior at first, but to indicate the experience was positive and then take him to court sounds a bit weird.

In court everything goes badly for Gray. There is a law that says that whatever the previous behavior of a rape victim, it cannot be taken into account, when adjudicating the behavior of the rapist. In principle this should prevent the rapist from besmirching the reputation of his victim, and so escape the onus of his own behavior. The judge apparently decided that the behavior of the complainant leading up to and during their encounter could not be discussed, and so Gray is found

guilty by a Jury which hears only one side of the story. Instead of getting his Ph.D. in Molecular Biology, he is sent to jail for 8 years. Let's wish him well, the sop, and hope that an appeals court will be able to conclude that he was not alone to blame.

'Nough said for this adventure. But as I told you reading it made me muse about Caltech. I do hope none of us here will become embroiled in such a tangle. But there is no way to avoid sex and sexual matters. I know that in some religious groups people wear a belt to symbolize the separation between their head and their nether parts. It is pretty much wishful thinking of course since the head has all to do with our behavior, so I don't recommend that as a means to solve any problems.

Sex is part and parcel of our humanity. It is very hard to escape our sexuality in almost all we do, throughout our lives. The problem is that while many of us arrive at a comfortable, or more or less comfortable balance, resulting in an often beneficial tension between desire and sublimation (so much of art, literature, music etc draws on just such a tension), there are

also many who have difficulties with it. I guess that what comes out for me in the above story, in the news and in history, is that what should have been most important is consent, true consent, based on real (as opposed to virtual or superficial) knowledge of each other. There is attraction between human beings and there is resistance as well. Our reactions, our behavior, is to a great extent molded by our civilization's response to the sexual imperatives of our bodies, actually of our minds, who control us all. One of the ways in which this expresses itself here is the unpleasant behavior known as glomming, i.e. the unrequited sexual attention of one person to another.

There is a glomming guide being worked on by a group of students, which will hopefully serve as an authoritative work on the topic. In the mean time I'll make my brief comments. Usually, but not always, a man importunes a woman (all variations are possible), and does not recognize the signs by which she tries to signal that she is uncomfortable with this. Parts of the misunderstanding have to do with the fact that some people feel uncomfortable when rejecting attentions. And when they finally manage to rebuke their pursuer, however mildly, the spurned and hurt would be partner thinks "but I was being nice to her," "but I was helping her,"

etc. All the while the target of the unwanted attention is trying to convey, "thanks a lot for the help, but no thanks." The rejected person does not hear or register the message following "but." "Oh she really does want my attentions, but does not know how to say it." "If I really show how much s/he means to me, s/he'll come around to my way of thinking. . ." and so on. Well it really is not like that at all. No means no. "But thanks," means no, any gesture of separation, any indication of distancing, any sudden desire to retire, without setting another time to get together, anything that does not explicitly spell out come hither, must be interpreted as no, not now, maybe never, certainly not until I ask for it, don't come near.

There is nothing wrong with doing homework (etc) together, if that is what you both want. But accept no as a no, and hesitation also as a no, unless or until. The person for you will be there, and it will be obvious to both of you. It may be hard to wait, difficult to believe, but glomming is not the way. Actually according to Webster's Unabridged, to glom means to look at, to watch, not to attach oneself as a lamprey to its prey. So A bientot!... and that means yes...

*Jean Paul Revel*

(Note: this contains explicit material which may offend some people. Refrain from reading if you belong to that category)

In a recent issue of Psychology Today, there was an article on cyber sex, a rather bizarre concept for me, but I guess not so foreign to others. Reading it made me think of the interactions between people at Caltech, but I'll come to that below.

The magazine story is about a man, a graduate student who goes by the pseudonym Gray, and a female undergrad, Zutut5 (very french, with Zut! by itself a very mild exclamation on the order of Shucks!). They meet in a chat room and start exchanging messages on the net, discovering - can you imagine such a thing! - that they are both interested in sex. Well, not just sex it turns out, but kinky sex, and Zut's fantasies seem quite a bit further out than Gray's.

Little by little they get closer and eventually set up a date on which they meet in the real

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# Mints

## Announcements

**Out of Context**, a Caltech co-ed a cappella group, will be holding "low-key no-stress" auditions this Saturday, October 23, 1998 from noon to 4:00 pm in Student Activities Center room 1. All interested should come prepared with a pop piece or a song from a musical. For more information or to sign up for a time slot, contact Cheryl Forest at [sherwood@its](mailto:sherwood@its).

**The Gay/Lesbian/Bisexual Discussion Group.** Looking for a safe and supportive place to discuss issues such as coming out, being out, dealing with family, coping with a homophobic culture, and being GLB at Caltech? We invite you to the Gay/Lesbian/Bisexual Discussion group which meets on the first and third Tuesdays of each month from 7:30 pm to 10:00 pm in the Health Center lounge. This is a confidential meeting and does not imply anything about a person's sexual orientation, only that she or he is willing to be supportive in this setting. The group usually discusses a particular relevant topic and then moves on to the general discussion. Refreshments will be served. If you would like more information, please call x8331.

**The Career Development Center (CDC)** is looking for current graduating seniors to participate in focus groups to assess student career-related needs. Whether you've decided to go to grad school, get a job, don't know yet, or haven't even started thinking about it, the CDC would like to hear from you. Each focus group will last approximately 2 hours (refreshments will be served) and participants will receive gift certificates. Debi Tuttle, a Caltech alum and intern in the CDC, will conduct the focus groups. If you are interested in voicing your opinion and making a difference, please email Debi at [debit@caltech.edu](mailto:debit@caltech.edu) or call the CDC at x6261.

The Literature Faculty is pleased to announce the **53rd Annual McKinney Competition**. The Mary A. Earl McKinney Prize is awarded each year for excellence in writing. Only full-time students officially registered at Caltech as undergraduates are eligible to enter the competition. This year, prizes will be given in three categories: poetry, prose fiction, and non-fiction essays. All submissions must be typewritten and double-spaced. Include your address and phone number. In the poetry category, entrants may submit up to three poems. Submissions of prose fiction should not exceed 12,000 words. Essays may be ones prepared for a humanities class or any good piece of original writing on a topic relevant to the humanities. The prize in each category will be \$300. Each student is entitled to only one entry in each category.

Contestants should submit their work to Professor Jeni Joy La Belle, Division of the Humanities and Social Sciences, 101-40, by no later than April 2, 1999. No entries will be returned. Each category will be judged by a committee from the Literature Faculty. Essays will be judged on the quality of thought and the effectiveness of the writing. Winners will be announced in May, and the names of the winners will appear in the com-

mencement program. The Committee may divide the award in each category in case of more than one outstanding submission. Previous winners in any one category are not eligible for the competition in that category. If you have any questions, contact Prof. La Belle, extension 3605, or Barbara Estrada, x3609.

**GREEN CARD LOTTERY BEGINS IN OCTOBER!** The instructions for the 2000 Diversity Immigrant Visa Lottery have been announced. The dates for this lottery are October 1 through October 31, 1999. Nationals of China (mainland and Taiwan, except Hong Kong S.A.R.), India, the Philippines, South Korea, Vietnam, United Kingdom (except Northern Ireland) and its dependent territories, Poland, Colombia, Dominican Republic, El Salvador, Haiti, Jamaica, Mexico and Canada are not eligible for the program.

To pick up a copy of the procedures on how to apply for this Lottery, please stop by the International Students Programs office (Lloyd House, Olive Walk) if you are an international student, or the Faculty and Postdoctoral Scholars Office (Parsons-Gates 010) if you are an international postdoc, professor, researcher, or staff member.

**Low-cost and free mammograms and Pap tests** will be available at hundreds of approved facilities throughout October and November. These facilities are listed in the free *Breast and Cervical Cancer Health Services Directory*. An English/Spanish directory is available by calling 1-800-706-3131 or visiting an American Cancer Society Office.

The **AIDS Service Center**, located at 1030 S. Arroyo Parkway, Pasadena, gives free anonymous HIV testing every Monday evening from 6:00 pm to 8:00 p.m. Walk-in are welcome but appointments are preferred. Call 888-448-9242.

## Events

**Halloween Party!** All members of the Caltech community are invited to the annual Prufrock House Halloween Party (373 S. Wilson), starting at 8:00 pm on October 31. Costumes are encouraged. This event is sponsored by the Division of Biology. For more information, contact [prufrock@its](mailto:prufrock@its).

The **"Journey of a Vampire" Blood Drive**, sponsored by Tower Records & Domo Records, and the American Red Cross, will take place on Monday October 26, 1998 from 5:00 pm to 10:00 pm at the Tower Records on Sunset Boulevard. All donors receive "Journey of a Vampire" T-shirts. For more information, contact Karen Le Blanc at 310-966-4414 x17.

Ed Stone, Vice President and Director of JPL will present **"JPL: Space Exploration in the New Millennium,"** hosted by Larry Mantle on October 28, 1998 from 5:00 pm to 6:00 pm on KPCC-FM 89.3, an affiliate of National Public Radio. For call-ins dial 626-793-3667.

**"Mary Cassatt: Modern Woman,"** a Robert R. Wark Art History Lecture, will be given by Judith A. Barter, the Field-McCormick Curator of

the American Arts at the Art Institute of Chicago, on Thursday November 5, 1998 at 7:30 pm. Admission to the lecture is free. For more information, call 626-405-2100.

The second **Science, Ethics, and Public Policy Seminar** of the fall series will be on Friday November 6 at 4:00 pm in Baxter room 25. For more information, contact Marion L. Lawrence at [marion@its](mailto:marion@its).

The **Toytrific Antique & Collectible Toy Show** will be held Sunday November 15, 1998 from 9:00 am to 4:00 pm at the Pasadena Center, 300 East Green Street. Admission for early buyers is \$10.00, general admission is \$5.00. Over 150 vendors will be present. For more information, call 909-880-8558.

**Pulitzer Prizewinner Jules Feiffer** will be lecturing Wednesday October 28th at 7:30 p.m. at the Skirball Cultural Center as part of the "Cartoon Art" Lecture series. For tickets call 213-660-8587.

The **Pasadena Community Orchestra** will be presenting their October Concert, October 30th, 1998 at 8:15 p.m. at the First Church of the Nazarene, 3700 East Sierra Madre Blvd. Admission is free. For more information, call 626-445-6708.

The San Gabriel Valley Chapter of the Red Cross is holding their first annual **Haunted Mansion** event Halloween weekend; October 29th from 6:00 p.m. to 9:00 p.m., October 30th from 6:00 p.m.-10:00 p.m. and October 31st from 5:00 p.m. to 10:00 p.m. It will be held at the Red Cross Headquarters, 430 Madeline Drive in Pasadena (corner of Orange Grove Boulevard & Madeline Drive).

## Fellowships and Scholarships

### \*NSEP Scholarships for 1999-2000\*

Applications for National Security Education Program (NSEP) undergraduate scholarships are currently available for study abroad in summer 1999, fall 1999, and spring 2000. Scholarships are available to U.S. citizens enrolled at two- and four-year institutions who wish to study abroad in critical world areas in Africa, Asia, Eastern and Central Europe, Latin and South America, and the Middle East. Scholarships are not available for study in Western Europe, Canada, Australia, and New Zealand. Sophomores and Juniors majoring in science and engineering may apply to study for a summer. This summer,

Walt Ogburn '99 studied Russian language in culture in St. Petersburg under an NSEP Fellowship. During the summer of 1998, Jeanne Wilson '98, who is now on a Watson Fellowship, studied Turkish language and culture in Istanbul.

The maximum scholarship is \$8,000 per semester and \$16,000 per academic year. **The campus application deadline for the 1999-2000 academic year is January 25, 1999.** Turn all materials into the Fellowships Advising Office, Room 25 of the SAC. All applicants must undergo an endorsement interview with Lauren Stolper, Director of Fellowships Advising Applications will be available in Fellowships Advising by mid-October. Additional information on preferred geographic regions, languages, and fields of study and application procedures can be found at <http://www.iie.org/nsep> (FAR)

**NSF.** Applications for the NSF are available in Fellowships Advising or on the Web at <http://www.fastlane.nsf.gov>. Click on the GRFP icon. The application submission deadline is November 5. U.S. citizenship or permanent residency required. (FAR)

**Hertz Fellowship.** Applications for the Hertz are only available on the Web at <http://www.hertzfdn.org>. The application submission deadline is October 23. Applicants must have a 3.75 GPA and U.S. citizenship or permanent residency is required. (FAR)

**Attention Senior Women and Minority Seniors.** All female and minority seniors seeking to pursue doctoral degrees in either astronomy, chemistry, computer science, geology, materials science, math, or physics and related fields should apply for the National Physical Sciences Consortium Graduate Fellowships in the Physical Sciences. Applications are available at <http://www.npsc.org>. The application deadline is November 5. Applicants must be U.S. citizens with a minimum 3.0 GPA. (FAR)

The **Southern California Chapter of Women in Cable & Telecommunications** is offering a \$1,000 Jeanne Cardinal Grant to one female junior or senior student residing in Southern California. Applicants must plan to pursue a career in the telecommunications field, have a 3.0 or higher GPA, and be active in at least one school approved campus organization or in community service. Applications are available in the Financial Aid Office. Applications are to be completed and sent to: The Southern California Chapter of Women in Cable & Telecommunications, c/o Pamela Drake, Avenue TV Cable Service, Inc., PO Box 1458, Ventura, California, 93002. The deadline is December 31, 1998. (UFA)

The **Elie Wiesel Foundation for Humanity** sponsors an annual essay contest for full-time undergraduate juniors and seniors in colleges and universities throughout the United States. Essays must be submitted on behalf of a student by a college or university administrator, faculty advisor or faculty member, and be accompanied by a completed entry form. No more than three (3) essays may be submitted from the same college university, or campus in any one contest year. To obtain an entry form and further information, send a self-addressed, stamped envelope to: The Elie Wiesel Prize in Ethics, The Elie Wiesel Foundation for Humanity, 450 Lexington Avenue, Suite #1920, New York, NY 10017. No FAX submissions will be accepted. Entries must be postmarked by January 22, 1999, or be delivered to the Foundation office by 5:00 p.m., January 22, 1999 (UFA)

**Chela Financial** is pleased to offer 150 scholarships of \$1,000 each to help students reduce their loan indebtedness for the 1998-99 academic year. Three students will be nominated from Caltech. Applicants must have a minimum \$2,625 outstanding loan balance, be enrolled at least half-time, must demonstrate financial need, and have a 3.0 or above GPA as of October 1, 1998. To apply, submit a current academic transcript, current resume, and personal statement to the Financial Aid Office. The deadline is October 30, 1998. (UFA)

The **Caltech Financial Aid Office** is proud to introduce a new link on our website called the Financial Aid News. This site is designed to provide students with updated information about scholarship opportunities at Caltech. Our office will post these scholarship opportunities on a weekly basis. You can view the web site at [www.finaid.caltech.edu/news.html](http://www.finaid.caltech.edu/news.html). (UFA)

For information on the listed fellowships, assistance with essays, for clarification of questions, contact:

FAR - The Fellowships Advising and Resources Office. For information, please contact [lauren\\_stolper@starbase1.caltech.edu](mailto:lauren_stolper@starbase1.caltech.edu). To make an appointment, call x2150

UFA - The Undergraduate Financial Aid Office.

For information, call x6280, or stop by 515 S. Wilson for an appointment.

To submit an event for the Mints, contact [mints@tech.caltech.edu](mailto:mints@tech.caltech.edu) or Mail Code 040-058 by noon on the Monday prior to its inclusion. Submissions must be brief and concise. Please do not send Mints in difficult formats like binhex or word document, .rtf and ASCII are best. The editors reserve the right to edit and abridge all material.

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