

What is  
your name?

# THE TECH

CALIFORNIA

where are  
you from?

Volume XCIV, Number 2

Pasadena, California

October 2, 1992



## '92 Frosh Camp

Frosh Camp was held on Catalina Island at Camp Fox on September 23-25. The new students learned about ASCIT and the ocean, as six of the 200 plus new students (*only six!*) tackle ASCIT president Amit Mehra (*left*). Continuing their effort, the frosh seemed to drop the ASCIT president on their way to the beach. Finally wet, the four surviving frosh lead Amit out of the water. Little did the frosh realize that they were supposed to drop him off the pier (*below*). OOPS! See "If you were an avocado..." on page 1.

photos by Rajesh "Q" Billimoria



## "If you were an avocado ..."

### Freshman gives own view on Frosh Camp and Rotation

Nestor A. Ocampo

A record sized throng of anxious freshmen made their debut on the Caltech campus in preparation of a week of orientation and sleep before the start of their much awaited college careers and the not so much awaited week of rotation.

First year residents, including Freshmen and 3-2 transfer students, were treated to a three day, two night excursion to sunny Camp Fox on Catalina Island, located two Dramamine tablets off of the coast of Long Beach.

Organizers had hoped to instill a sense of community among the

group of over three hundred students and administrators which ventured across the open sea to the luxurious resort YMCA camp. They succeeded in doing so with a crowded schedule of activities that included numerous lectures on the honor code and challenges, as well as group activities such as a campfire, dance, and a concert in a meadow attended by 400,000. (Wait, never mind. That was Woodstock)

Administrators succeeded in their ultimate goal. Using highly equipped bunks (sans walls) and food of questionable origin to make the return to even the most crowded south house room look more like a move into Buckingham Palace.

"I want a standing ovation," said one frosh of the week's festivities.

And on the sixth day, the freshmen rested.

Sunday marked the start of the infamous house rotation, known to

cause cancer in laboratory rats in some government studies (Which ones I can't remember). Using schedules that appeared in *The Tech*, students ventured into each house and were greeted by a horde of smiling upperclassmen.

With the grace of Ivan the Terrible, the upperclassmen proceeded to mob unsuspecting frosh with the four most horrible questions ever asked.

"What's your name," they asked the terrified new students.

"Where are you from," they continued in their cruel interrogation.

"What's your major," their voices rose as the frosh backed into a corner.

"Where are you rotating from," they continued unmercilessly as the new students fell on their knees in agony and begged for mercy.

Perhaps the most original question, "if you were an avocado, which shelf of the refrigerator would you

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## Graduation Requirement Policy Controversy

Michael Oder

"The Institute reserves the right to change its policies, rules, regulations, requirements for graduation, course offerings, and any other contents of this catalog at any time." The preceding sentence greeted Caltech students as they arrived from the title page of this year's Catalog. According to Dean Kiewiet, the statement was inserted at the bequest of Caltech's lawyers, who cited similar statements in the catalogs of other colleges and universities. The purpose of such a statement is clearly to provide legal protection for the Institute in case they are sued by a student who has been prevented from graduation because of a change in the requirements or course offerings.

The issue of graduation requirements erupted early this year when the Physics department wished to prevent undergraduate physics majors from substituting APh 77 for Ph 77. The Curriculum committee drafted a proposal saying, "It is your responsibility to keep informed and to comply with the rules and policies affecting your academic standing as a Caltech student. You should consult from time to time with the Registrar and your option advisor concerning the requirements under which you graduate." Following a petition drive organized by Chris Brennen, who was the Dean at the time, the proposition was sent back to the Curriculum committee for further consideration.

Caltech has had no written policy regarding graduation requirements

up to this point, but according to Chris Brennen, the de facto policy under the last five Deans has been that students can graduate under the requirements listed in any catalog under which they register. "It seems quite unfair to have graduation requirements left undefined", said Brennen

ASCIT, responding to student concerns that the administration wasn't hearing input from the students on the issue, drafted a proposal to place before the Faculty Board. The ASCIT proposal read, "As a Caltech student, you may graduate by fulfilling the requirements listed in any catalog under which you have registered. If there have been significant changes in the content of a required course, the curriculum committee will decide on what credit substitutions are acceptable."

Kiewiet plans to discuss the issue with students, faculty and administrators to achieve a consensus on the issue. He intends to attend dinners in the undergraduate houses to see what the students' concerns are. But he says, "the students clearly do need and deserve lead time in terms of planning the courses they need to take to graduate."

Some of the difficult points in coming up with a policy concerning graduation requirements, is to deal with changes in the curriculum in terms of defining equivalencies between different classes. For instance last year CS 10 and CS 12 were replaced by the CS 1,2,3 series, which cover slightly different topics. As in the PH 77 versus APh 77 case, graduating Seniors could have found their graduation blocked, if

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## New Media Relations Director Appointed

Bob O'Rourke

Caltech's Office of Public Relations announces the appointment of Max Benavidez as director of media relations. He succeeds Hall Daily, who is now Caltech's director of government relations and community affairs.

Before joining Caltech, Benavidez was director of the university communications at the California State University's Office of the Chancellor, headquarters of the 20-campus CSU system. Prior to that, he ran his own public relations consulting firm with clients in both the public and private sector, including foundations, corporations, corporations, financial institutions and universities. He has also been a magazine editor, and is a frequent contributor to the Los Angeles

Times. Benavidez has also served as a regular public affairs commentator on NBC's local affiliate, KNBC. He is a graduate of UCLA.

"We are pleased to have Max join our public relations team. His public relations background in higher education and the corporate area will strengthen our media relations efforts," said Robert O'Rourke, assistant vice president for public relations.

Benavidez's duties will include establishing relations with print and electronic media (local, national, and international), developing and coordinating the production of news releases, responding to media inquiries (including earthquake reports), producing Caltech's monthly radio show, organizing press conferences, and serving as a spokesperson for the Institute.

### Inside this week's

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Without  
Sam

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## LETTERS

Religious  
Registration  
Conflict

To the editors,

Undergraduates submit themselves to the single constraint of the Honor System: not to unfairly disadvantage another student. Clearly the administration has different if not more complex responsibilities; however, one might expect that the administration would at least recognize in passing the Honor System's principle, given that the Caltech Catalog proudly displays the code as an example of student self-government at Caltech. However, in several cases such as the following the administration seems to have held convenience dearer than such a recognition.

This year the first day of classes and registration unfortunately coincides with the Jewish holiday of Rosh Hashanah. When I went to the registrar's office to discuss what this coincidence would mean for Jewish students who chose to observe the holiday, the response from those in the office ranged from hostility to (on the part of the registrar herself) cynicism and condescension. Indeed, the registrar suggested that a "real-world" (as she put it) problem such as this one should be ignored and left for dead—and that the current scheduling system, which starts at Christmas and works ten weeks backward to find the term's beginning, was inviolable.

Surely an administration which claims to respect the interest of its students would recognize that choosing to schedule classes on such a day at once insults those Jews who are already observant and lays a forbidding obstacle in the path of those who might choose to become so.

Sincerely,  
Zackary Dov Berger

North House  
Override Key  
Concerns

To the editors,

Tuesday I spoke to several students who told me that there was growing concern among Page, Lloyd and Ruddock house residents that the override keys installed on the North Complex student room combination locks would be used for regular maintenance work. I was told that this concern was growing because of our use of the key to stamp the new loft and skybed ladders on Monday, September 28.

We had identified a two week window at the beginning of the semester in which we reserved the right for our office, Physical Plant and the contractor performing rehabilitation work to use the override key to finish rehab related work. I had hoped to be able to schedule the ladder stamping for Friday September 25 the last day of this window. We did not perform this work on September 25, because we saw so many ladders outside of student rooms that I felt the only way to assure that we could match ladders to rooms was to give you prior notice of the ladder stamping and the weekend to retrieve the ladder for your room if you had moved it out.

I assure you that the override key from here on will only be used by our department in accordance with the combination lock policy which Kim West, the Director of Residential Life, distributed to each of you through the campus mail. The Housing Department will not use the bypass key to complete routine maintenance repairs, to clean, to let another person into your room, or to do unannounced inspections.

Sincerely,  
Paul Appel, J.D.  
Assistant Manager of Housing

## No More Years

Tom Annau

As unbelievable a scenario as it may have seemed last year, we are entering the final stages of the 1992 Presidential election with the Democratic challenger holding a solid lead over a once overwhelmingly popular Republican incumbent. The reason for this is simple: George Bush has been an unmitigated disaster for the United States of America. Our anemic economy remains mired in a seemingly endless recession, caused by twelve years of Republican policies of favoritism for the affluent. During the great con job known as trickle-down economics, the wealthiest 1% of the population received 70% of the gains and now control 90% of our assets. For people making over \$1 million, the 1980's was a fantastic decade indeed; their salaries increased by an average of 2,184%. As for the rest of us, the standard of living has actually declined during Bush's term in office, a trend not seen since Herbert Hoover presided over the start of the Great Depression. Reagan and Bush sunk us \$3 trillion further into debt while reducing long term investments, such as education, infrastructure, and research. The federal government continues to waste precious funds on obsolete relics of the Cold War like the B-2 bomber, at a cost of \$2 billion per plane. The poor and the middle class feel despair, uncertainty, and most significantly, have lost their confidence that times will improve. Not only is George Bush incapable of empathy for their plight, he also lacks the vision to unite this country and inspire Americans to solve the problems threatening our future.

October will be a desperate month at the Republican campaign headquarters. They will certainly resort to their most familiar and effective weapon: fear. Fear that change will worsen conditions, not improve them. Fear rooted in intolerance and racism. The most irresponsible act a President can perform is to cynically manipulate the emotions of a disheartened populace. The Republicans will attempt once more to divide the country along cultural lines to solidify their core constituency, the socially conservative. This year, the Republican Convention provided an uncharacteristically candid portrait of the influence of the party's extreme right wing with the frighteningly prominent display of figures such as Pat Buchanan and Pat Robertson. These extremist elements are the agents responsible for the powerful positions of such bumbling, ultraconservative dogmatists such as Dan Quayle and Clarence Thomas. They conspire to deprive us of our civil rights, equal rights, and reproductive rights while self-righteously justifying it in the name of government dictated morality. To this end, Reagan and Bush have been very successful, defining the conservative ideological bent of the entire federal judicial system by having appointing 70% of all sitting judges. One more philosophical twin of William Rehnquist on the Supreme Court could bring radical, regressive changes beginning with the overturn of Roe v. Wade. With Justice Harry Blackmun at 84 years of age, this nightmare is well within the realm of possibility.

This is a crucial election. More so than any election in a long time, it will have a critical impact on our future. The students at Caltech represent the next generation to inherit this country, with all of its promise as well as its problems; there is more at stake for us than for any other age group of voters. It is our responsibility as citizens of a democracy to participate in the political process and promote the change that this country so badly needs. I urge you to register to vote by the deadline on October 5, and to Just Say No to George Herbert Walker Bush on November 3.

## OPINION

continued from page 1

Graduation  
Requirements

the Curriculum committee's proposal had been accepted. Alternative routes such as petitioning exist. "I have the feeling that people want more than the assurance that you can always petition the Curriculum committee", said Dean Kiewiet.

The one thing that seems inevitable is that a policy concerning graduation requirements will be written into the Catalog. "Currently there are a lot of faculty and a lot of students who are not comfortable with dealing with cases on an ad hoc basis", said Dean Kiewiet. It seems that coming to a final decision on this issue may be difficult since says Kiewiet, "the debate went on all last year and positions kind of hardened."

**Come to the  
first Tech  
meeting of  
the year;  
12:15 in the  
Coffeehouse  
TODAY**

CALTECH STUDENTS FOR  
CLINTON / GORE

We invite the Caltech community to meet with the Democratic candidates running in this district:

- **Doug Kahn**, running for U.S. House of Representatives
- **Rachel Dewey**, JPL physicist running for State Senate
- **Jon Fuhrman**, running for California State Assembly

**MONDAY, OCTOBER 5, 7:30PM  
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spirits you cannot afford to miss. An  
extraordinary movie!"  
Archer Winsten, New York Post



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## THE CALIFORNIA TECH

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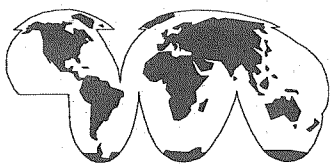
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World



News

Michael Oder

International

**At least 3,000 Bosnians executed**  
The State Department announced last weekend that they had evidence that mass executions of up to 3,000 Bosnian Muslims by Serb factions had taken place in the Eastern Bosnian of Brsko. The report submitted to the UN, is based on eyewitness accounts. In North-Western Bosnian a Serbian police commander in the town of Banja Luka reported that he had knowledge that at least two bus loads of Muslims, had been executed in that region. The US is calling on the UN, to pass a War Crimes Resolution. The UN is expanding the number of troops operating in Bosnia to insure the distribution of relief supplies. The United Nation's airlift to Sarajevo, which has been halted since Sept. 3, is slated to begin again today.

**Brazilian President Collor impeached**  
Fernando Collor de Mello, who was elected President in a land-

slide two years ago based on his promises to root out government corruption and reform Brazil's economic system, has been impeached in the wake of a number of corruption scandals. Brazil's lower house voted 441-38 for impeachment of the President on Tuesday.

**No Third AIDS Virus**  
The World Health Organization announced this Tuesday that they had found no evidence of a new AIDS-like virus. This Summer at a WHO sponsored symposium on AIDS research, many doctors came forward with accounts of patients, who showed no evidence of AIDS, having AIDS-like symptoms. The WHO report investigated over a hundred of the suspect cases, and found that nearly all of them could be explained by other diseases. Many of the researchers, who came forward this Summer have since changed their diagnosis.

National

**Ross Perot Announces Candidacy**  
Texas Billionaire Ross Perot announced his candidacy for the Presidency, Thursday. As his running mate, Perot chose James Stockdale, a retired admiral and former Vietnam POW. Perot's candidacy has the possibility of changing the dynamics of what had been, since Perot's declining to run in July, a two-way race. Both the Clinton and Bush campaigns claimed that Perot's entry would not change their campaign tactics. Many polls have shown that Perot's entry would not substantially affect

the outcome of the race, but a month still remains in the campaign.

**Bush Campaign Proposes a series of Four Debates**  
In a surprise announcement, the Bush campaign proposed a series of four Presidential debates and two Vice-Presidential debates. The first two Presidential debates would use the single moderator format proposed by the bi-partisan debate commission and supported by Clinton, and the second two debates would be conducted by a panel of three members of the press asking questions. The Clinton campaign accepted the overall format, but expressed reservation over the timing of the debates which are supposed to take place on each Sunday during October, conflicting with the World Series. The campaigns are currently meeting face-to-face to iron out the differences between the campaigns. Yesterday's entry of Ross Perot, will have an uncertain effect on the debates.

**Senate Ratifies START Treaty**  
The Senate ratified the Strategic Arms Reduction Treaty on Thursday. The treaty is aimed at cutting the total levels of ICBMs in Russia and the United States by 1/3 from its current level of about 22,000 warheads to about 15,000 warheads. A second round, of talks called START II, is aimed at reducing the number of warheads further to about 7,000 with each side retain 3,500.

The *Tech* will be having its first organizational meeting at 7:30 PM on Tuesday, October 6 in the Tech office (room 40 in the SAC). Stop by to talk about the "California Tech Vision" and how you can help create it. We need writers of all styles, photographers, and perhaps some layout designers. Make a name for yourself at Caltech. You can do it! If you can't attend, let us know that you're interested. (Q@792.8470; Mike@x3760; or Chris @449.5590).

THE WATSON FELLOWSHIPS

REMINDER TO INTERESTED STUDENTS

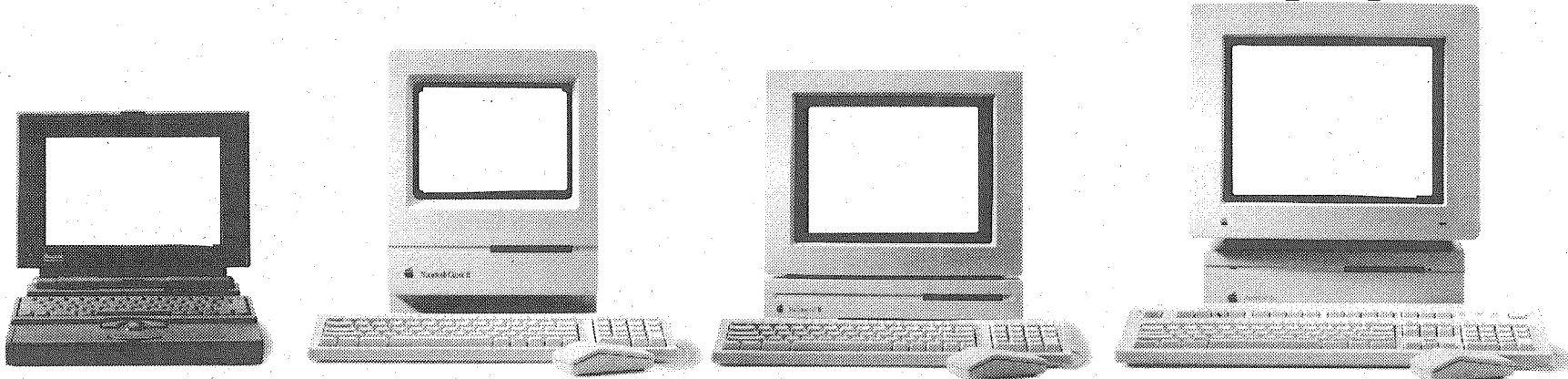
A one- to three-page project proposal draft for the Watson Fellowships is due in the Deans' Office, 102 Parsons-Gates on Friday, October 9, 1992. Keep in mind that successful proposals generally have a single topic of study or investigation that reflects a student's long-standing interest in that area.

The Watson Foundation provides fellowships of \$13,000 for a year of independent study and travel after graduation. They are designed to encourage an informal break in the normal sequence of undergraduate-postgraduate education and are a marvelous opportunity to travel outside of North America. Caltech nominates two seniors each year for this fellowship.

DISCUSSION

On Monday, October 5, 1992 at 7:30 p.m. in Winnett Clubroom 1, Steve Pickle, a Watson Fellow in 1990, will talk about his experiences. Anyone considering applying for a Watson Fellowship now or in the future should attend this meeting. If you have any questions, contact the Deans' Office. Refreshments will be served.

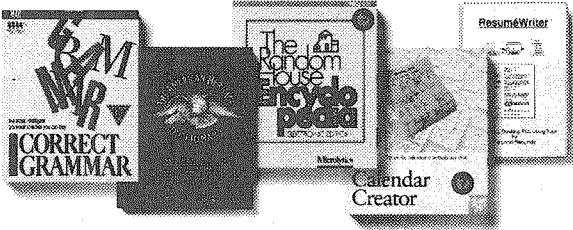
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ENTERTAINMENT

# Kim and Thurston Get *Dirty*

## Sonic Youth's New Album and Concert

Rajesh "Q" Bilimoria

On Saturday, September 26, only one day after exciting frosh camp, Sonic Youth, Mudhoney and Pavement played at Castaic Lake. Although the line of cars to get into the parking lot was only matched by the incredibly slow moving line to get into the show, it was worth the wait. Pavement began an hour late at 7:30, and played a decent set. Mudhoney, on the other hand, was mediocre at best. The best part of Mudhoney's set was that the crowd stole the lead singer's left purple converse high top when he crowd rolled. Just when I was starting to regret my twenty dollar investment, the Youth came on. If I had one fear for the show, I was afraid that the band would drown me in feedback at the end of every song. However,

quite to the contrary, the show simply consisted of solid tunes from Sonic Youth's three most recent albums. Some of the highlights of the concert included "Sugar Kane" from *Dirty*, their most recent David Geffen release, and "Teenage Riot" from *Daydream Nation*. Castaic Lake is an excellent venue for any good concert. If Lollapalooza had been there instead of Irvine, it would've been a better show. Castaic Lake doesn't restrain the energy of a show with plastic seats bolted into a concrete foundation. The small stage and open air were great.

**Album Review**  
*Dirty* by Sonic Youth, David Geffen Company.

This is a four star album according to *Rolling Stone*. That means

nothing. But this album is good in a great way. If you were never a Sonic Youth fan before, now you might be. This album is their least noisy and best produced. Butch Vig, who produced Smashing Pumpkins' 1991 release *Gish* and, later, Nirvana's *Nevermind*, also co-produced this latest release from the Youth. Vig is an excellent producer, and his talent molded this album in the great record it is. Without sacrificing their trademark sound, Sonic Youth has produced a very listenable loud record. Including such neat-o tracks as "100%" and "Sugar Kane", *Dirty* features a cool tune called "Purr". And as a special bonus, if you buy the version that has a catalog number that ends in 93, you get the not-so-limited edition amber tray with special photo underneath. Buy this disc.

## Singles

12345678910

Christopher Orth

I have to be honest here, I had no desire to see this movie in the theater. I got roped in when I went out to eat with a bunch of friends. The soundtrack has aired on all of the

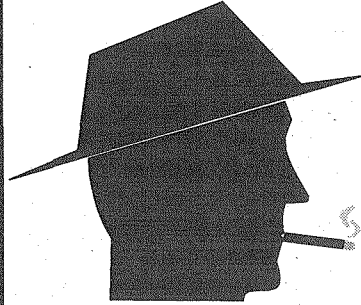
popular radio stations and video programs, and the previews have dominated commercial time. It was overkill, and the hype was reminiscent of too many other films that had nothing else to go on.

But I was pleasantly surprised by *Singles*. Oh, there were instances when the jokes about singles-life seemed to run on like a *Cathy* cartoon, but for the most part I thought it was well done.

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## Crime & Incident Beat

Stephen Heise



**Crime Tip:** Carry everything precious to you in your head.

**Heise's "Believe It or Not":**  
9-14-92 The phone at the Health Center rang. When the receptionist went to pick it up she realized that it had been stolen. (\$120)

9-14-92 Over the weekend, a Mac IIci system was stolen from Jorgensen. There are more keys issued to Jorgensen than there are members of the community. The padlock was either picked (10 seconds) or cut (2 seconds). Fingerprints were taken from the area. (\$5000)

9-15-92 A resident of the Cat had her bicycle wheels stolen. They were of the quick release type. (\$100)

9-15-92 A bicycle locked only to itself was carted off from the south side of Kerckhoff. (\$120)

9-22-92 An Ath employee had his car stolen from Hill Avenue. There was no sign of broken glass to indicate brute force entry.

9-24-92 A tape player was stolen from a car parked near the gym. The passenger window was smashed. (\$300)

9-25-92 A mountain bike was stolen from one of the UG Hovses. The chain was probably cut. (\$180)

9-26-92 A stereo was stolen from a car parked by BBB. The passenger rear window was smashed. (\$200)

9-26-92 In the UG Hovses, a Trek rear wheel was stolen from a bicycle otherwise locked. (\$125)

Two Week Total: \$6,145

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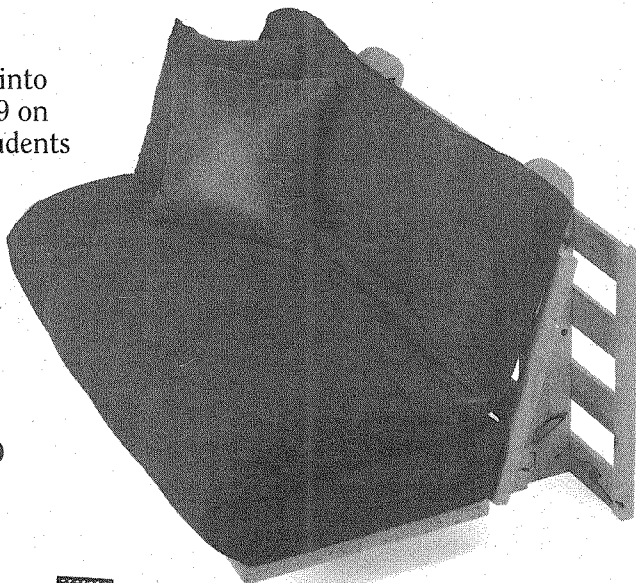
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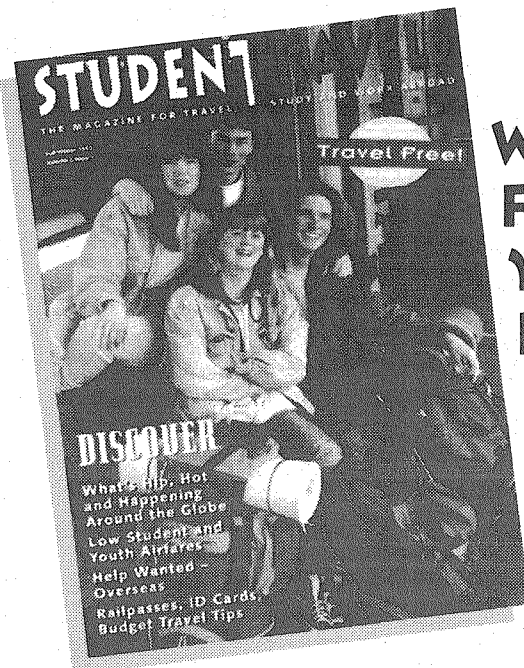
3-Tier Folding Shelves. (Not Shown)  
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continued from page 2

Singles

The movie featured several popular actors, including Campbell Scott, Bridget Fonda, Kyra Sedgwick, and Matt Dillon, but you probably already knew that. There were also cameos from Seattle-basin music stars, Eddie Vetter and Jeff Ament of Pearl Jam and Chris Cornell of Soundgarden.

The movie derives its charm from its characters. All of them are likable in their own ways, and they manage to attract a little empathy from the audience, or at least me, as they keep losing in the games of single life.

The recurring themes here are man against nature, man against machine, man against woman, woman against man - everything seems to get in the way of simple happiness. All that wide-eyed Campbell Scott wants is to profess his unhindered love to Kyra, get married, and live happily ever-after. All that Bridget Fonda wants is simple commitment (with a man who says "bless you" when she sneezes). All that Kyra wants is a stable relationship with a sensitive man, and all that Matt Dillon seems to want is his music.

But they're all forced into playing games. Campbell succumbs to the pressure of not calling Kyra for a week. Bridget acts sweet and demure as she tries in vain to rope rocker Matt Dillon.

The struggles all seem to find a resolution in one way or another, and there's plenty of light-hearted humor to keep everything rolling along the way. The most appealing thing about the film for me was the style - as the storyline moved from chapter to chapter, the characters talked to you, right to the camera, and involved you in their lives. It was an effective method, on director-writer-producer Cameron Crowe's part, to get the audience involved with the film.

Bridge Without Sam

Jeff Goldsmith

Play it Again, Sam

In the further adventures of our eponymous ex-columnist, Sam Dinkin, our hero again reaches 7  $\diamond$  in a regional side event during the Toronto nationals.

Vulnerable at matchpoints,

$\clubsuit$  AQ  
 $\heartsuit$  AKQ32  
 $\diamond$  KJ84  
 $\clubsuit$  A3

N		E
W		S

$\clubsuit$  843  
 $\heartsuit$  864  
 $\diamond$  AQ932  
 $\clubsuit$  Q5

Sam has reached 7  $\diamond$  on bidding too horrible to recount. (Actually, I just don't know it. I revel in recounting horrible bidding. How else can one excoriate our heroes? They made the contract, after all!)

Sam was graced with a trump lead and drew trumps, discovering RHO's singleton. When hearts broke 3-2, Righty again being short, Sam decided that her surplus of black cards suggested that the spade finesse might fail. In any case, he can delay that dubious chance until the end by cashing the  $\clubsuit$ A (a Vienna Coup,) all the hearts, pitching spades, and running trumps, reaching this two card end position with RHO still to play to trick 11.

$\clubsuit$ AQ					
$\heartsuit$ -					
$\diamond$ -					
$\clubsuit$ -					
Immaterial					
	N		E		$\clubsuit$ Kx
	W		S		$\heartsuit$ -
					$\diamond$ -
					$\clubsuit$ K
$\clubsuit$ 8					
$\heartsuit$ -					
$\diamond$ -					
$\clubsuit$ Q					

By now, RHO is clearly in distress so the spade finesse cannot be a rewarding proposition, but Righty happily (for us!) decides to play her partner for the  $\clubsuit$ Q, pitching the lesser monarch, allowing his mate to stand up and Sam to claim. 7  $\diamond$  seems to be Sam's joyance.

The Caltech Bridge Club meets every Monday night at 7:15 in Winnett Lounge. Everybody is welcome; call Jeff Goldsmith at x2818

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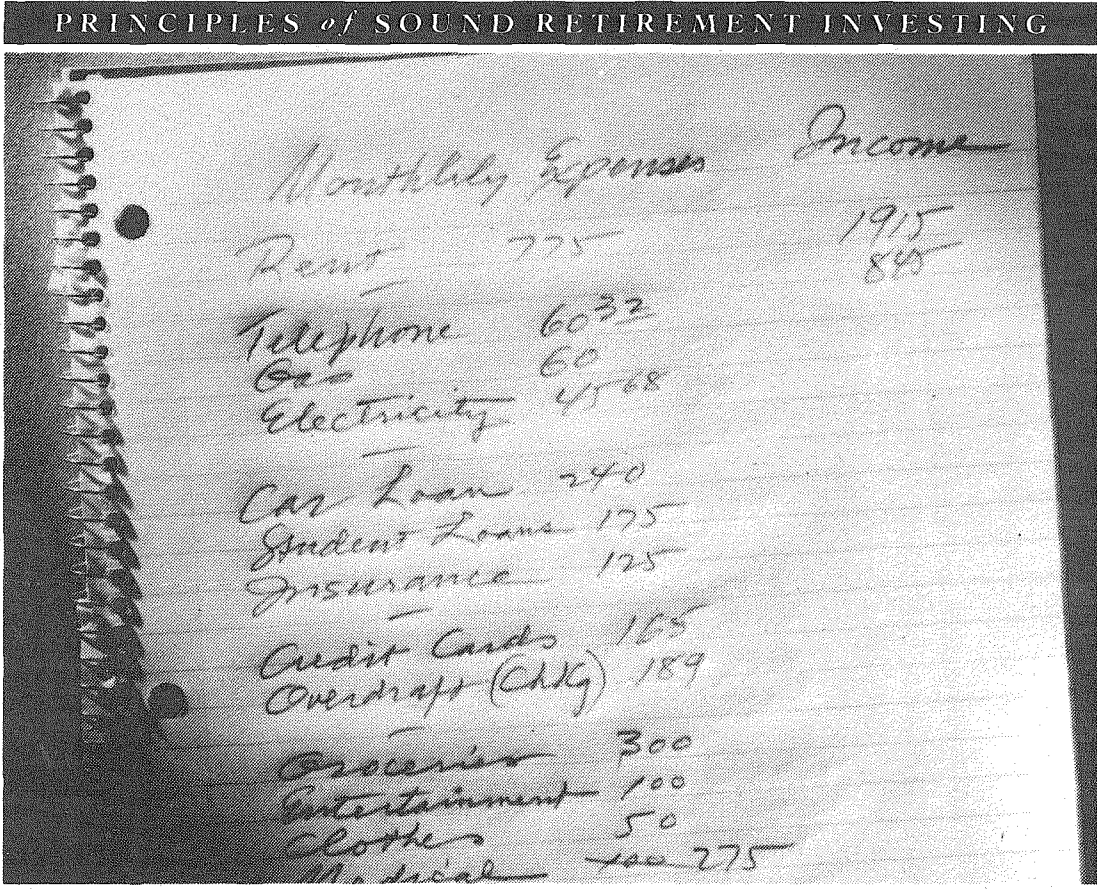
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SPORTS

Hockey Club Seeks Participants

Bob Lane

It's that time again, here in southern California — put those Speedos back in the closet where they belong, and fire up the zamboni: the Caltech Ice Hockey Team is back in the news! The Beavers are about to embark on their 22nd season in the state collegiate hockey league, and are looking to regain the form that has brought the team 9 California ice hockey championships, including two of the previous three seasons. While Caltech has been overlooked, as incredible as it may seem, come invitation time for the NCAA tourney in hoops, and while the Beaver mail box at Braun Gymna-

sium is not exactly stuffed full of gridiron bowl bids, indeed this fine institution with its fabled athletic traditions is second to none when California takes to the ice. Exasperated Stanford coach, Igor "Cardinal" Syn, on the Caltech hockey tradition: "They even have higher SAT scores", a sentiment anonymously shared by a Berkeley spokesman: "We used to be able to attract those special French Canadians who've been slashed in the head a few too many times. But now there are certain 'powers that be' here at Cal that are making things very difficult for me and our recruitment program, as our disillusioned administrators continue their

efforts to pretend that we are not a state school." But in San Diego, where San Diego state and UC San Diego are desperate for national recognition, their scouts and recruiters without the entrance requirement pressure of the other teams around the league (except, of course, USC) are aggressively adopting a novel recruitment strategy. Sandy Blonde combs the beaches off the PCH for a living, and to date, two rollerbladers have signed letters of intent despite Prime Ticket's fiscal encouragement to keep the handsome young men in the pairs Beach Volleyball championships this fall. Sandy spoke to us on the phone this continued on page 7

This Week In Caltech Sports

Cross Country		
10/03	9:30 A.M.	Biola Invitational
Mens' Soccer		
10/03	10:00 A.M.	vs. Occidental
10/05	3:30 P.M.	vs. Christian Heritage
10/07	7:30 P.M.	at La Verne
Mens' Water Polo		
10/03	TBA	Caltech Tournament
10/04	TBA	Caltech Torunament
10/07	4:30 P.M.	vs Pasadena City College
Men's Football		
10/03	1:00 P.M.	Blue/White Intersquad
Women's Volleyball		
10/03	7:00 P.M.	at Christian Heritage
10/06	7:30 P.M.	at La Sierra

continued from page 1

Avocado

like to be on," came from Dabney House, which used the inquiry to replace the now archaic, "what's your favorite anti-tank weapon." "It's a nice place to visit, but I wouldn't want to live there," frosh Barky (David Barksdale) said following almost a full week of the traditional activity. Although the weeklong festivity that was rotation received critical reviews from some, others looked upon it as the last form of organized recreation before being required to delve into the labs for the real start of the fall term.



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SPORTS

Men's Cross Country Team Win's Meet in Lower Arroyo

Ned Bowden

The men's cross country team was simply dominating last weekend. They crushed the two other schools that showed up at the Caltech Invitational Meet held in the lower Arroyo by the Rose Bowl. The racing distance was five miles over a dusty trail.

The start of the race was close with runners from La Verne and LIFE colleges mixed in with the Caltech athletes. One by one the runners from the other teams began to drop off as Caltech frosh Mike "Just Call Me God" Vogel pulled away from everyone to take a commanding lead. After the halfway point the top five places were held

by Techers, and they never looked back.

In the last two miles everyone slowed down enough so that six Tech men were running together in the lead to the finish line. All six finished within 3.5 seconds of each other. In order of finish were Vogel, Ned Bowden, Schuyler "Boogie Boarder" Cullen, Mike "I Like Speedo" Pejic, A.J. "Hat Man" Lavin, and Andy "No Train, No Pain" Zug. In all, Caltech had seventeen men finish with eight of them being frosh. This is the strongest squad in several years.

In the women's race the Techers ran far better than last year over the five kilometer course; unfortunately, they came up short against

La Verne and Mount St. Mary's college. Tobe Corrazini and Aimee "Ineligible" Smith lead the women and beat their times from last year by three minutes! Amy "I Want Units For My Stack" Hansen pulled in third for the women and also ran much faster this year. This race saw the return of Virginia Garcia who flew out from the Nebraska to kick some butt. The women ran well and showed promise for the rest of the season.

Hey frosh it isn't too late to join the team. Want to get three p.e. units for a few weeks of running? Join the team. We have plenty of room for more runners of any level. Call Jim O'Brien at the Athletic Office to join.

continued from page 6

Hockey

morning and naturally, cited of few of his own problems staying competitive with the Beavers: "I gave one of these kids a puck the other day, and he spent three hours trying to open it."

And so are the woes of the Beaver competition, as Caltech continues its aggressive recruitment of hot prospects who are seduced with tales of daunting homework and the \$5 Athenaeum lunch. Of course, if you are reading this, have skated a little, played some pick-up hockey or even just know that "puck" is in fact a word, than you may have been erroneously overlooked by Tech's recruitment program. Not that this team hasn't got its studs from Minnesota and Quebec, but let's face it: this is California hockey played on real ice, and if you are able to bend over your equipment without grunting to reach the laces on your skates, you're practically hall-of-fame material.

Team spokesman and on-ice enforcer Jeff "Dont Mess Wit' Me No" Moore elaborates: "We're looking for a few good men, that rare element of the Caltech student body that feasts on competition, that believes in team camaraderie, that loves the spirit of athleticism, and more importantly than all that, can hold onto a stick and skate at the same time. If you fit the bill," Moore gnarls while jabbing his finger up in my facemask (fully extended on his tippie-toes), "Then don't you go wasting your time with no synchronized swimming team."

Of course, hockey can be a little rough at times and so the Tech club provides its potential recruits full equipment and dismemberment insurance; but for those of you who are a bit timid, rest assured that with the guys playing on this squad, practices are pretty much non-check, albeit unintentionally. So dig out those old skates and come on out to the Beaver Hockey Club organizational meeting regardless of your size or talent: we don't care if you never eat raw meat or if the last time you skated was sometime last decade — we'd love to have you join the most fun, most successful club sport here at Caltech either to play in the competitive intercollegiate Pacific Coast Hockey League, or to just learn some basics about this, the world's most exciting game. Besides, the rink is always air conditioned.

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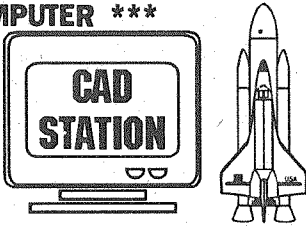
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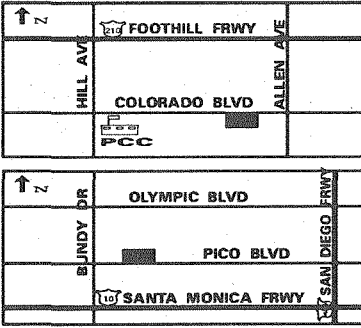
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# WHAT GOES ON

## NOTICES

**Work for the MOSH!** - Need some extra \$\$ we have a job for you. Help the Master of Student Houses, David Wales, entertain students and faculty at the Master's House. Great benefits! See Jeanine in the Residence Life and Master's Office for more details.

**Caltech Film Club** - The Caltech Film Club holds meetings every other Wednesday in SAC room 25 at 8 pm. For further information contact Alex Protopapas.

**Caltech Students for Clinton/Gore** invite the Caltech community for a chance to meet with Democratic candidates running in this district: Doug Kahn, running for the U.S. House of Representatives, Rachel Dewey, JPL physicist and candidate for California Senate, Jon Fuhrman, running for California State Assembly. The candidates will be on campus on Monday, October 5, 7:30pm in Barker Auditorium. Please make an informed decision on Election Day by joining us Monday evening.

**Caltech SEDS Meeting** - The Caltech chapter of SEDS (Students for the Exploration and Development of Space) will be holding its first meeting of the year on Tuesday, October 6th at 7:30pm in Room 35 of the SAC. We will be discussing plans for upcoming events this term, including potential tours of the Hughes satellite assembly facility and the Rockwell-Palmdale facility where the shuttle Atlantis will be refitted. There will be refreshments provided and videos will be shown after the meeting. If you have any questions call Jeff Foust at 449-1345 or e-mail seds@cco.

**D.R.U.G. (Dark Room Users Group)** will hold an organizational meeting on Sunday, Oct. 4, 2pm in the darkroom (SAC 39). New members welcome. For more information, contact Tim Shoppa, x4238, or Alex Zeyliger, x3771, or send email to drug@cco.

**Caltech Golfing Club** - A golfing club is being formed at Caltech to give players of all levels a chance to meet and practice together. Handicaps will be maintained, practice times arranged and regular tournaments sponsored. For more information, please contact Bob Blake (mail code 114-58, x6576). Membership is open to all Caltech students, faculty, staff and dependents.

**Holiday Crafts Faire** - Student Activities is sponsoring a craft fair on Dec. 8th and 9th. Anyone interested in selling or participating, contact Elizabeth Sheiman at x2935 for an application or information. Participation is free to all members of the Caltech community.

Nominations are now open for the ASCIT Director for Academic Affairs and for Junior Class Secretary/Treasurer. A sign-up sheet, along with information about these offices is posted on the east wall of Winnett next to the ASCIT meeting room.

**Guitar Classes** - CIT guitar classes for the Fall term will meet on Tuesdays starting Oct. 6 in room 1 of the SAC. Beginning classes, 4:30-5:30; Intermediate, 3:00-4:00; Advanced, 5:30-6:30. Classical and Flamenco repertoires are explored but techniques transfer to other styles. The beginning class includes a jazz/folk chord system. The course is free to members of the Caltech community. Undergraduates can receive three units of credit if they choose.

**Help the Big T** - The Big T is looking for people interested in helping out the editors with Caltech's yearbook. Photographers who have their own camera are particularly needed to take photos of sports and other random events. Freshman are encouraged to get involved. If interested, please contact Christy Esau, 449-0839, Box #692, John White, Fleming 50, Box #105, or Stacy Fox, Fleming 60, Box #136.

## EVENTS

**Caltech Hillel/Jewish Community Weekly Meeting** - An informal gathering, every Thursday at noon in the Y lounge. For information call Caty Konigsberg at 213-259-2959

**Mass** - Thursday at 8:15 in the Y lounge and Sunday at 10 am in Winnett lounge. Sacramento of Reconciliation (confession) is given 20 minutes before masses. Refreshments are served after mass.

**Bible Study and Discussion** - Every Wednesday at noon in the YT lounge. Bring your own lunch. For more information call Mike Gerfen at 356-4886.

**Gay/Lesbian/Bisexual Discussion Group** - meets the first and third Tuesdays of each month from 7:30 - 9:30 pm in the Health Center. This meeting is confidential and open to all members of the Caltech community. The first hour is devoted to particular topics, and the second hour is open for general conversation and socializing. Refreshments will be served. For further information call x8331.

**Open Line** - Open Line meets every Tuesday in the Y lounge upstairs during lunch, between 11:30 and 1:00. Topics discussed include developing a youth center for ages 5-12 for tutoring services, activities and cultural development for the children of Caltech students, staff and faculty, developing a multicultural book for the understanding of all nationalities, traditions and customs. Open to all of the Caltech community.

**Poetry Workshop** - In the Y lounge from 7:30 to 10 pm on the second and fourth Tuesdays of every month. For information call Silvana Pereira at 356-8343.

**The CIT-KNIT Group** meets at noon on Tuesdays in the Benioff Conference Room (Rm. 256 S. Mudd). For all levels of knitters. Come and join us.

**Well Baby Clinic** - Children up to two years old of undergraduates, graduate students and research fellows will be examined and given all the necessary immunizations at the Student Health Center, on the morning of Thursday, October 8. For appointments, call Denise Butman at 794-5922.

**Preschool Playgroup** - The Caltech Women's club sponsors structured activities for mother's, father's and their children, on Tuesday, October 6 in the Caltech Villa Apartments, from 10 am to noon. For further information contact Valerie Murray at 287-8960.

**Baby Furniture Pool** - The Caltech Service League loans out baby furniture to students and postdocs on Wednesday at 324 S. Chester from 10 to 11 am. For more information call 952-1631.

**Caltech Y Excomm meeting** - The Y invites anyone who wishes to cosponsor an event to attend on the first or third Monday of each month at 2 pm in the Wes Hershey lounge on the second floor of Winnett.

**Caltech Environmental Task Force Educational Meeting** - Share your ideas and help make the Caltech community more environmentally conscious. The meeting is at noon, Wednesday, Oct. 7. Bring your own lunch. For more info call Debbie Bradbury x3630.

**Caltech Women's Club Fall Gathering** will be held at 415 S. Hill from 11:00 to 1:30 pm. It is entitled "Cultural Art Works" and includes ethnic performances, media art, and demonstrations by members of the Caltech Women's Club. A free Ethnic buffet begins at noon, and childcare is available. For more information call Linda McManus, 793-5958. For reservations call Meg Cole, 790-8445.

## ENTERTAINMENT

**Go to the Los Angeles County Fair** - The Caltech Y has tickets for the Los Angeles County Fair for up to 44% off of adult admission. Visit the Y office in Winnett for more information. The fair continues until Oct. 4.

**Aman International Music and Dance** presents a diverse program of ethnic dances from around the world. The repertoire includes dance from Central Croatia, Dalmatia, Tadjikistan, Mexico, Northern Ukraine, Macedonia, Appalachia and other regions. Call x4652 for more information. Individuals with a disability call x4688 (Voice or TDD).

**The Pasadena Folkdance Co-op** offers beginning and intermediate instruction every Friday at 7:45 pm in Throop Unitarian Church on the corner of Los Robles and Del Mar. A program of varied international dances follows the instruction at 9:00 and continues until 11:00. Wear soft-soled shoes. A contribution of \$1.50 is requested.

**International Folk Dancing** - Tuesday night in the Dabney Lounge. Beginning instruction starts at 7:30 pm; intermediate at 8:00 pm and open dancing takes place from 9:00 till midnight. Donations are accepted for more information call Mike McKenna (310) 692-0366.

**Israeli Folk Dancing** - Sunday in Winnett lounge, Beginning instruction starts at 7:30 pm, intermediate at 8:00 and open dancing goes on from 8:30 to 10:30. For information call Nancy Macmillan at 795-3655. Admission is \$2.00.

**Scottish Country Dancing** - On Wednesdays in Dabney Lounge from 8 until 10 pm. Beginners are welcome and no partners are needed. For more information call David Hills at 354-8741.

**Music with James Boyk!** - Pianist James Boyk gives a performance each Wednesday from 4:30 to 6 pm in Dabney Lounge. The performance is open to the public and free of charge. Feel free to come late or leave early. For more information call x6353.

**Dabney Lounge Chamber and Music Concert** - John Walz, violin & cello, and Kathleen McIntosh, harpsichord, present an all-Bach program, featuring the viola da gamba sonatas in Dabney Lounge at 3:30 pm on Sunday Oct 4. Admission is free and open to the public. For more information call 356-4652.

## SCHOLARSHIPS & FELLOWSHIPS

**Fritz B. Burns Prize in Geology** - Undergraduates in the division of Geological and Planetary Sciences are encouraged to apply. The award(s) will be made up to \$1,500 for the best proposals for undergraduate research in the fields represented by the Division. If interested, submit a short statement (less than one page) describing the research you would like to do. The submission deadline is December 1, and they should be sent to Professor Kerry Sieh, Division Academic Officer, Division of Geological and Planetary Sciences, Mail Stop 252-21.

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

The Northrop Corporation is offering a \$3,000 scholarship at Caltech for the 1992-93 academic year. The scholarship is open to freshmen through seniors in Electrical Engineering, Mechanical Engineering, Aerospace Engineering, Computer Science/Engineering or Manufacturing Engineering. Students must show evidence of a strong academic record and a career interest in the aerospace/defense industry. The applicant must be a U.S. citizen and may be a concurrent recipient of another company's scholarship. Resume's and academic transcripts must be received by the FAO by 5:00 pm, Friday, October 30, 1992.

The Data Processing Management Association is offering three scholarships for \$1,000 each provided by the Bert A. Monaghan Systems Management. The scholarship committee must receive the application by November 20, 1992.

The American Physical Society (APS) is offering \$2,500 scholarships to African-American, Hispanic-American or Native-American undergraduate freshman or sophomore students majoring in Physics. The deadline to submit completed applications to APS is February 26, 1993.

# cerebral laundry

*Khurram Dastgir-Khan*

## On Rotation

Hardly was the forced joviality of Frosh camp over, that the pantomime of rotation loomed ahead. Rotation bores—and in the past has bored me to death. This is of course no reflection on the conversational ability of the incoming freshmen. The questions are still the same as last year, or the year before last, or in 1977. First-year students, owing to their limited knowledge of the social desert of Caltech, are inane by design. Smart, bright, intelligent...sure, but also emotionally insecure, physically unsure, and in general, immature. This will pass by time, but the excruciating beating about the bush during their first week at Caltech leaves them more at a loss, rather than the opposite.

To make matters worse, the inglorious IHC has issued, and has been issuing for umpteen years, a set of draconian rules which govern conduct of all concerned parties during rotation. (I sound like the IHC already). The basic premise of the rules is that the first-year students are so gullible (dumb, that is) that they can be led astray, to take one example, lest someone whisper a word about "future social events." The IHC, in cahoots with the MOSH's office and house officers, has been trying to save the freshmen from themselves. They have the best intentions, but they need to be reminded that college is supposed to be an *adult* experience.

Rotation has, to be sure, its positive aspects. It gives new students a chance to visit all the houses, meet people, find mates, and eat dinner. Henceforth it is a constructive step towards satisfying the two fundamental urges of every species including ours; survival and propagation.

Beyond the pure instinctive urges, however, there is little to recommend it. The biggest problem with rotation is the coercive nature of the exercise. *Woe be unto ye who faileth to pick up thou name tag.* The IHC rules and their (mock) seriousness has elevated the whole exercise from harmless to the ridiculous. Rotation is fun to watch from the sidelines, but highly superficial and awkward for those in the act. It is time that the IHC loosened up the rules and trusted the intelligence of new students. They know what is best for them. As a useful by-product, I will be spared fake vaudevillian acts in the future.



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