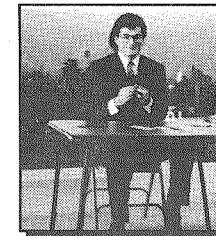


Ditch Day was  
Wednesday!

see page 5



Fun with Crosswords  
and a Bridge puzzle,  
too!

see page 4

# THE CALIFORNIA TECH

VOLUME XCVII, NUMBER 28

PASADENA, CALIFORNIA

FRIDAY, MAY 24, 1996

## President Everhart takes after seniors, leaves Caltech

BY SAMANTHA GIZERIAN

Institute President Thomas E. Everhart, in an announcement long expected by the Caltech community, said yesterday that he will be stepping down from his post at the end of the next academic year. In September of 1997, when President Everhart retires, his tenure in office will have extended over a decade and he will be at the age of retirement.

Announcing in his memo to the Caltech community that he believed it was, "time for a change," Everhart cited age and length of tenure as two of the reasons for his departure.

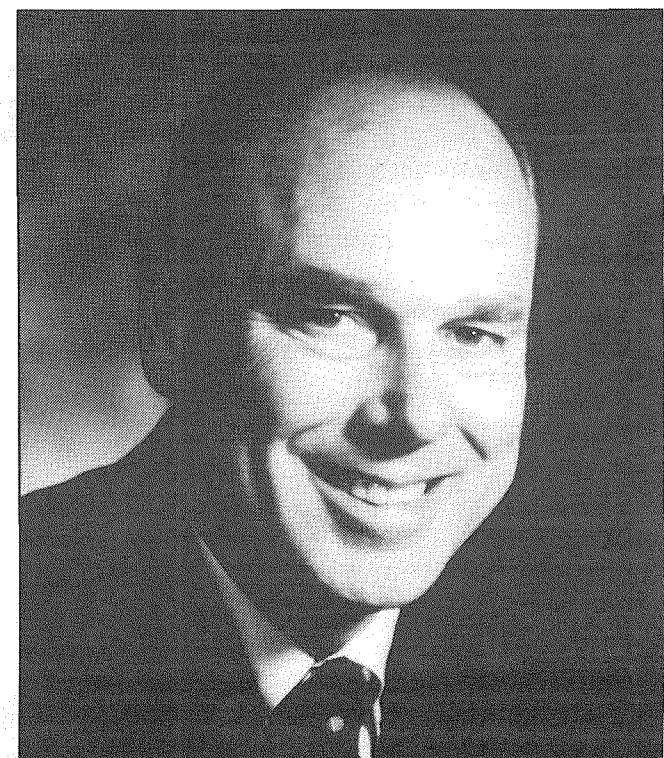
Caltech has undergone several changes in the years since President Everhart took office. Large additions to campus such as the Beckman Institute and especially

the new Moore labs have kept Caltech on the cutting edge. As ever, President Everhart vows to remain committed to such progress, though he will be resigning at the end of next year. He hopes that during the next academic year he will be able to help improve Caltech by streamlining administration, improving administration-alumni relations, and passing the Biological Sciences initiative. In the past, Everhart has pushed hard for the hiring of more female faculty and set a high priority on admitting female freshmen. As such, the entering class next year is 30% female, double the percentage of 1987, the year Everhart entered office.

The next president of the Institute, to be chosen next year by the board of trustees, has a hard job ahead. In these days of congres-

sional cutbacks and less and less science funding, it is all the more paramount that the president of the institute be a good salesman, and recruit more support from government and industry for research.

In the nine years since President and Mrs. Everhart became a part of Caltech, they have been extremely generous with their time and resources, opening their home to numerous campus events, most notably the annual freshman barbecue before frosh camp, as well as supporting the student and community performing arts groups, such as the Men's and Women's Glee Clubs, TACIT, and the instrumental music program. Although the past nine years have been wonderful, the Everharts look forward to new adventures and spending more time with their family



Institute President Thomas E. Everhart

## Seniors ditch Caltech for the day

BY SAMANTHA GIZERIAN

After months and months of hearing "Go to sleep Frosh, Ditch Day is tomorrow," The big day finally arrived, unexpected to some, and after months of planning for others (Seniors, of course). The day began loudly with seniors banging on doors, as usual, and ended with many great bribes, including tickets to the premiere of Mission: Impossible on Wednesday night.

Some highlights of this year's Ditch Day include many members of Fleming House riding around in a legally obtained Daihatsu soaking anything that moved with water guns, Pageboys slip'n'sliding for Rod Kiewiet, Rudds launching a rocket from the roof of Sloan, and Darbs digging up the Orange Walk. Other stacks included betting on the horses at Hollywood Park, lunch at the Athenaeum, and crawling through Jell-o for keys.

Such zany pranks have reigned at Tech since soon after the inception of Ditch Day in 1921. On May 12, 1921, the seniors declared themselves a day of rest and called it Senior Ditch Day, ordaining it to become a tradition for all future Senior classes. Ditch Day has come a long way from



Frosh Ryan McCrorie being Devlish in a Ricketts stack

1921, when the seniors merely left a note declaring their absence (while sunning themselves at the notorious Ocean Park) to the days of merely locking the doors to today's elaborate stacks and puzzles.

Traditionally Ditch Day has been a day of escape and relaxation for all those involved, but it can be a real pain if you've git something due

the next day, or if you had a Drop card to turn in....

However, despite some confusion over drop day, Ditch Day came off well, much to the delight of the tired seniors who were able to get away for a little peace after the rush of planning and stacking. A great time was had by all, and remember, Senior(class of 1997) ditch day is tomorrow.

## KELROF is finally here

BY TOM DMUKAUSKAS

At last the time has come to stop talking smack, because to-morrow, all of the pre-race hype will be settled on the track.

Every-body from the Caltech community is invited to come out and watch this historic event, especially if you would like to volunteer to set up, be a timer or clean up. This year's event should be the best over the past several years in both quality and quantity. A team of 10 cross country and track athletes should have an excellent shot at breaking the 220 mile barrier. Brad Nakatani and Tom Dmukauskas

will duke it out in their quest to rewrite the KELROF record books and stake claim to the KELROF individual title and

b r a g g i n g rights. There will even be one or two all-women teams in the relay this year. One of your best friends will probably be running, so why not come out and jog a mile together?

The race is scheduled to start at 9 a.m. Saturday morning. In order to attempt to get the race off promptly (something that has not happened since I have been here), all competitors should show up by 8:40 a.m. At this time, your team will need to have

SEE KELROF ON PAGE 11

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## LETTERS TO THE EDITOR

*Administration handled bookstore decision poorly*

Dear Editor,

I'm very disappointed in the Administration's decision and handling of the Barnes & Noble takeover of the Caltech Bookstore as reported in *The California Tech*. The logic of the business decision did not take into account the high cost this action would have to the essence of the Caltech community. This cost is measured in a loss of trust caused by the evidence that fair play in the handling of the matter was not the rule of the day. What bothers me most is that the business decision fails to place value on the years of service by the dedicated staff. This change in direction from the Institute's

stated policies and previous actions tears at the fabric of the Caltech community.

CHIP CHAPMAN

*Tree spraying is one of life's minor inconveniences*

Dear Editor,

He's at it again. After having read both of Mason Porter's letters to the editor regarding the spraying of the olive trees, I think Mason should remove his cranium from his colon. His suggestion that the trees be sprayed in summer or during frosh camp must reflect his urban upbringing. Certainly the trees could be sprayed during a more opportune time of year, but

it would defeat the point of spraying, which is to reduce the crop of olives. It would be like planning all your snow-shoveling for July because it might inconvenience someone for a morning. Perhaps Mr. Porter would rather put up with a term or more of walking through bushels of fallen olives, tracking them in to stain the carpets, slipping on their oil in the rain, and generally reducing the cleanliness and attractiveness of the Olive Walk than one day of missing class or avoiding the area. It would be generous of the workers who spray the trees to do it on a Sunday morning, when they should be enjoying a day off, but even yet, those Teachers who attend church deserve as much respect as Mr. Porter believes those with 9 a.m. classes do. If Mr. Porter is so concerned with the contents of

the spray, Caltech should have on file a Material Safety Data Sheet if he cared to inspect it. Mr. Porter states that he was informed of the spraying, but he chose to follow his normal routine. Would more publicity of the event encouraged him to adjust his morning activities? Since this is the second consecutive year that Mr. Porter has braved the noxious fumes despite being informed of their presence, his desire to avoid them is evidently less than his desire to find the shortest, most convenient path to his morning class.

When we mature, we learn that life is full of small inconveniences that we have to deal with. Perhaps Mr. Porter should try concentrating his considerable mental ability on what's gone right in his life, not what he inhaled on

Wednesday, May 15th.

Sincerely,

MICAH J. BARCLAY

Please send submissions for Letters to the Editor to :

*The California Tech*  
Caltech 40-58  
Pasadena, CA 91125

or by electronic mail to:

editors@tech.caltech.edu

Deadline for submissions is Monday at 5 p.m. on the week of publication.

Submissions must include the author's name, and phone number or e-mail address. All Letters to the Editor must be signed.

The editors reserve the right to edit or refuse to print any letter for any reason.

## Curious about eating disorders?

BY LAURA VERHOFF

Have you ever wanted to learn more about eating disorders? Do you know someone with an eating disorder? Do you have an eating disorder? Do you just want to be more educated and aware? Your chance is coming up! The Counseling Center, along with Laura Verhoff, will be presenting a series of eating disorders programs in the student houses over the next few weeks. The programs are open to anyone in the community who is interested.

Due to the sensitive nature of the problem, there is not often a chance to talk directly to

those who have eating disorders. This program hopes to accomplish two major goals - to raise awareness of the problem, and to provide information and resources to interested individuals.

The format of the program is simple and lasts only about an hour. The beginning is the story of a student's experience with an eating disorder at Caltech. After that, the forum is opened to questions, comments, and reactions from the audience. The program was previewed by the Resident Associates and representatives of the houses to a very warm reception.

Everyone is welcome (and encouraged) to attend.

## All Sports Banquet recognizes outstanding athletes

BY LAURA VERHOFF

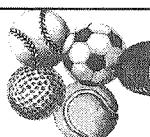
The Athletic Council for Mentoring and Education (ACME) held its second annual All Sports Banquet on Sunday, May 19 in Braun Gym. In attendance were approximately 150 student athletes, coaches, assistants, faculty, and staff. After an excellent dinner donated by Souplantation and catered by Greco's, the student athletes settled down to the real reason for attending - the door prizes and the awards.

Many different awards were given. First, ACME members from the teams were recognized for all their hard work during the school. Senior ACME members were given a certificate of appreciation as well as an ACME hat. Four year lettermen were then recognized. Dr. Gary Lorden and Athletic Director Dan Bridges handed out the senior scholar awards to seniors who maintained at least a 3.5 cumulative GPA and in the same sport participated for three seasons. Janet Sun (cross country) and Jon Wesselman (baseball) were recognized as the SCIAC Scholar Athletes at Caltech. The Super Genius Award, given to the team with the highest in season GPA, was shared by the men's tennis team and the golf team, with an average of 3.68.

The Outstanding First Year Player Award went to freshman Matt Dawson for his incredible contribution to the baseball team. He played well in every game, had one of the highest batting averages, played strong defense, and was a positive influence on the team. Mr. and Ms. Caltech went to Chris Cary (cross country, track) and Laura Verhoff (tennis, volleyball) for their contribution to the commu-

## THIS YEAR'S WINNERS

Outstanding Athlete of the Year .....	Mike Greene
Best Female Athlete.....	Cailin Henderson
	Alexis Johnson
Best Male Athlete.....	Mike Greene
Outstanding First Year Player.....	Matt Dawson
Ms. Caltech.....	Laura Verhoff
Mr. Caltech.....	Chris Cary
SCIAC Scholar Athlete.....	Janet Sun
	Jon Wesselman
Dedication Award.....	Cailin Henderson
	Jason Jenkins
	Dan Kleiman
	Steve Tsai
	Laura Verhoff
	Irene Wong
Team Spirit Award.....	Women's X-Country
	Men's X-Country
Most Injured Athlete.....	Gilbert Yoh
Super Genius Award.....	Golf
	Men's Tennis



nity as a whole. Junior Gilbert Yoh once again won the Most Injured Athlete Award and he hopes to make it a threepeat next year. Team MVPs and All-Conference Honors were also announced. The men and women's cross country teams ran away with the Team Spirit Award because of their intense dedication to each other and their sport.

This year, six athletes were honored with Dedication Awards. These awards go to athletes who have played at least two years on a sport and set an example for dedication. The students receiving the awards were seniors Steve Tsai (basketball) and Laura Verhoff (tennis and volleyball), junior Cailin Henderson (cross country and track), and sophomores Jason Jenkins (tennis), Dan Kleiman (cross country and track), and Irene Wong (basketball and tennis).

The highlight of the evening was the presentation of the final

awards. Best Male Athlete this year went to senior Mike Greene for his contribution and achievements in swimming and water polo, as a four year letterman and team captain in both sports. He also won the 400 IM in SCIAC this year. Best Female Athlete went to both Cailin Henderson and Alexis Johnson for their success in their respective sports. Cailin had a spectacular season in both her sports, barely missing the mark for nationals. Alexis played an outstanding season at both #1 singles and doubles for the tennis team. She lost 7-6, 7-6 to the eventual national champion. Outstanding Athlete of the Year also went to Mike Greene.

The banquet was a huge success, but could not have occurred without the help of three very special people: Denise Gabaldon, Karen Nelson, and Dinah Lee Schaller. Their time and effort was greatly appreciated by everyone attending.

## PRESENTATION DATES AND TIMES

Page House	Tuesday, May 28	8 p.m.
Blacker House	Wednesday, May 29	7 p.m. (after dinner)
Lloyd House	Thursday, May 30	7:15 p.m. (after dinner)
Dabney House	Tuesday, June 4	8 p.m.
Fleming House	Thursday, June 6	8 p.m.

Times and places are subject to change. Any changes will be announced at house dinners or in fliers posted around the houses.

## AlliedSignal Corporation Special Grants Program at Caltech

**Purpose:** To provide grants to student organizations that support the educational research, public service programs, and other pertinent activities at Caltech.

**Funds Available:** \$7,000; program target is 3 - 5 grants of up to \$2,500.

PROPOSAL SUBMISSION DEADLINE  
MAY 28

For more information on the program and submission process, please contact Barbara Green, Associate Dean, at x6351 or Kevin Doody, Acting Director of Corporate Relations, at x6373

# A.S.C.I.T.

## Minutes

MAY 20, 1996

Present: Dave R., Maria, Dave B., Grace, Alexis, Emily, Kohl, Kristie, Kara, Gavin, Francisco, Steve, Shaun, Ben

Meeting started at 10:06 p.m.

- Francisco wanted the check for Semana Latina.
- Steve and Shaun wanted money for the Disco Mosh that Ricketts had on Saturday. They didn't get it because there's a resolution that states that money cannot be obtained after the event.
- Ben has posted sign-ups for varsity jackets. The sign-ups are going to come down at the end of this week. If you are a senior and

want a jacket, give Ben your address because the jackets won't come in till the summer.

Officers' reports were given.

- Alexis received the check for the ASCIT Van's registration.

- Kohl had meeting with the people who wanted Spanish classes. Introductory Spanish will be offered next year, but intermediate Spanish will not be offered till the following year.

- Dave B. has a lot of interviews to hold.

- Grace set up interviews for the Little T Editors and Totem Editors on Wednesday, May 22 at 10 p.m. and the Big T Editors, Movie Chairman, and Little T Business Manager interviews will be held on Wednesday, May 29 at 10 p.m.

- Kristie said that if clubs do not pick up their club funds for this term, they will lose it. You can get the funds by e-mailing Kristie at [karmen@ugcs](mailto:karmen@ugcs).

- Maria reported that the honor

code handbook is being revised. If you have any suggestions, tell Maria at [mariafs@cco](mailto:mariafs@cco) by Sunday.

- Dave R. passed around a letter that TACIT wrote to thank us for the \$300. Faculty Board passed a bunch of curriculum changes. You can concentrate in Mechanical Engineering and Aerospace in E&AS. For more information, read the ARC minutes. There is \$7000 available for clubs. The Allied Signal Competitive Student Grant Program will give 3-5 clubs the money. A two page, single spaced summary of the club's doings, budget, and letter of support from the club's adviser has to be submitted.

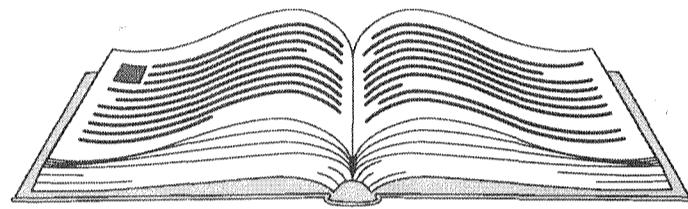
- Emily is very happy that the formal is this Friday. 220 people are attending and 200 people are ASCIT members!

Meeting closed at 10:37 p.m.

Respectfully submitted,

*Grace Yang*  
ASCIT Secretary

## A.R.C. Minutes



FROM THE ARC FILES: MAY 19, 1996

Present: Casey Huang, Jonathan Little, Joe Renes, Katie Stofer, Niniane Wang, Andrew Huntington, Jeff Miller, Kohl Gill, and myself

- The new ARC Reps-at-Large were selected. They are Michael Westover, Kara Swedlow, and Ellis

Meng. Thanks to all who submitted statements. It was a tough choice, and all the candidates were well qualified.

- The addition of two concentrations, Mechanical Engineering and Aeronautics, to the Engineering and Applied Science Option was just approved by the Faculty Board Committee. Students concentrating in these two fields will get diplomas that say Bachelor of Science (as all our diplomas do, regardless of major), but the transcripts will now say "Engineering and Applied

Science (Mechanical Engineering)" with Aeronautics in the parentheses instead if the concentration is in Aeronautics (obviously).

- Here's some information that might help you with preregistration: EE 151 will be taught by Bridges first term next year. Also, EE 40 is listed as being offered first term, but it actually will not be offered until third term.

- Your house ARC Reps will be making available nomination forms for ASCIT Teaching Awards. Look for them, and nominate any professors or TA's who you think are good teachers. You may nominate as many people as you would like, but be sure to give us a description of why you think the person deserves a teaching award.

*Kiran Shekar*  
ARC Secretary

## THE CALIFORNIA TECH

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## SUMMER WORK-STUDY APPLICATIONS NOW AVAILABLE

Information and applications for 1996 Summer Work-Study are available in the Financial Aid Office. If you are interested in Summer Work-Study, please submit the required application as soon as possible, but no later than June 3, 1996. Your entire financial aid application must be complete by June 3 to be considered. If awarded, the work-study funding will begin with the July 7th payroll period.

## SAY CHEESE...

The Admissions Office is taking a student body picture for its publications which are sent to prospective students. The picture will be taken in front of Parsons-Gates at 12:00 noon on Thursday, May 30th. We will be finished by 12:15 PM.

### REWARD: Edibles Served

Please call the Admissions Office at ext. 6341 if you have any questions.

See you at noon on the 30th!

Thanks!!!

## The Outside World

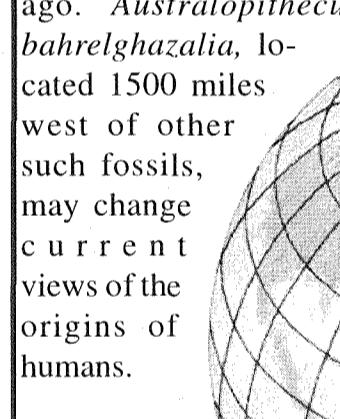
by Myfanwy Callahan

*Litingzhuang, China* - For the first time this spring, there was enough water to flow all the way to the mouth of the Yellow River. Rural peasants are outraged, because they were instructed not to use any of it for their parched crops.

The government gave priority to an oil company downstream.

*Mwanza, Tanzania* - A ferry, overloaded with passengers, capsized in Lake Victoria on Tuesday, killing at least 500. The cause of the disaster is still uncertain, but the boat was listing because of the excess weight even before it sank.

*Paris, France* - A fossil found in the desert region of Chad was identified by French anthropologists as a new species of early human, alive 3.5 million years ago. *Australopithecus bahrelghazalia*, located 1500 miles west of other such fossils, may change current views of the origins of humans.



*Washington, D.C.* - Government investigators say hackers pose a growing threat to national security. The Pentagon suffered as many as 250,000 "attacks" on its computers in the last year.

*Washington, D.C.* - As another complication in China-U.S. relations, federal agents arrested representatives of two of China's state-owned arms companies. They are charged with smuggling 2000 AK-47 fully automatic rifles into the United States.

**UPDATE: Moscow, Russia** - An estimate of 160 casualties is reported from an intense battle near Bamut, in Chechnya. Since December 1994, tens of thousands of soldiers from the Russian army have been fighting the rebels.

## LAEMMLE THEATRES

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2588 E. Colorado Blvd.

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Jean Paul Rappeneau

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Daily 5:30, 7:45, 9:50 p.m.

Sat-Mon Bargain Matinee 1:15 p.m.

Sat-Mon Regular Matinee 3:20 p.m.

Daily 4:30, 7:00, 9:30 p.m.

Sat-Mon Bargain Matinee 1:45 p.m.

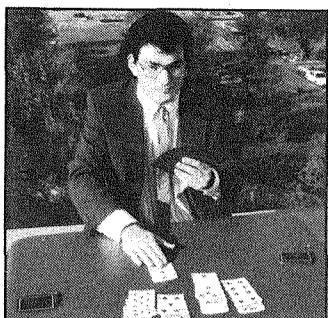
**Mariah R. Gomez-Falcon Ph.D.**  
Licensed Psychologist

Specializing in Women's Issues and Cross-Cultural Mental Health

THE HEALING TREE  
905 S. Lake St., Suite 201  
Burbank, CA 91502

CA No. 14147  
FLA No. PY0005280

(818) 848-5653



## Bridge With Sam

by Sam Dinkin

### North

♠ K T 2  
♥ 9 8 5  
♦ A Q J 7 2  
♣ A T

### West

♠ A 8 4 3  
♥ 7 6 4 2  
♦ T 4  
♣ 8 7 3

### East

♠ 6 5  
♥ Q J 3  
♦ 8  
♣ K Q 9 6 5 4 2

### South

♠ Q J 9 7  
♥ A K T  
♦ K 9 6 5 3  
♣ J

North	East	South	West
1♦	Pass	1♠	Pass
2♦	3♥	3♦	Pass
3 NT	Pass	4♦	All Pass

Opening lead: 3♦

Last weekend Sam Dinkin (B.S. '91) was sitting South playing a knockout match with his wife since October 1994, Lynn Baker, who is sitting North on this deal. The positions are ironic because South will be moving to Boston to become a senior associate at Charles River Associates and North, a full professor at the University of Arizona, will be visiting Austin, Texas. The theme of the day was that we were playing the wrong strain two levels too low. The hand makes 6♦, which is less lucky than 3NT. The most interesting contract is 4. Some of you will not be surprised to learn that South will be finishing an Economics PhD at the University of Arizona in electronic auctions in the fall. His dissertation advisor is Vernon Smith, experimental economics pioneer and Caltech EE. South started his electronic auction research while at Caltech using the internet bridge server. At Charles River Associates, he will be working on international privatizations. Dr. Stephen Frautschi predicted he would be a captain of industry. Sam is already captain of the auction: 3♦ was a game try that became a slam try after the game invitation was turned down. In 4♦, the opening lead was won on the table and a spade was led to the queen. This was won by the ace (a duck can hold the hand to 4), and a club was continued. Declarer pitched the 10♥! This preserved the declarer's trumps to draw trump and claim, which is just what he did when East won and switched to hearts.

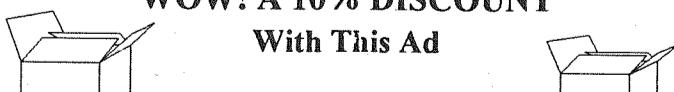
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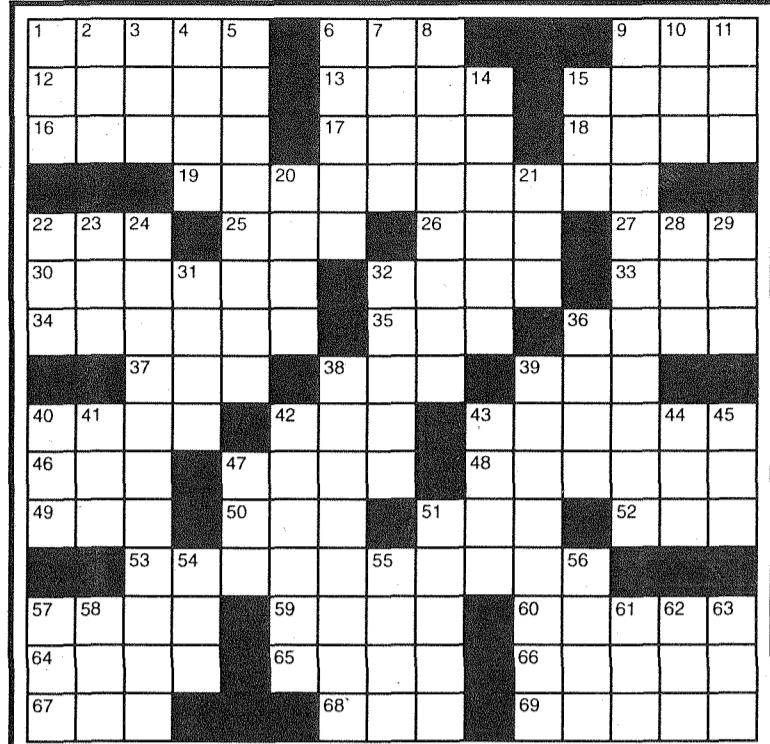
2650 E. Colorado Blvd. (Across From Denny's)  
Pasadena, CA 91107  
(818) 432-1678

# CROSSWORD

by Wei-Hwa Huang

### ACROSS

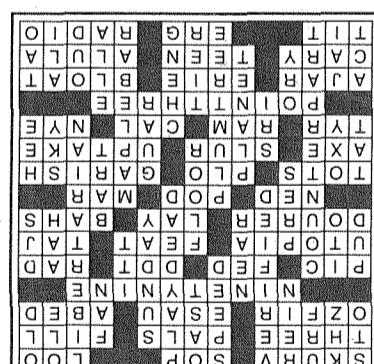
- With 69-across, what you should listen to every night
- Soak up
- Tory toilet?
- Inaccuracy of 53-across, probably
- Do-it-all logic gates
- Satiate
- The Tin Woodman's target? (2 words)
- Biblical brother
- Goldilocks, when found
- With 53-across, where you can get 1-across
- Flic tic
- Satiated
- Lethal insecticide
- "Cool, Dude!"
- Brave new world?
- Action
- Mahal
- More gloomy
- Set
- Humbug prefixes
- Actor Beatty
- Pea place
- Scratch
- Mr. Murase the Mole
- Middle East "party"
- Gaudy
- Something to grind
- Tie in
- Comprehension
- Phoenician capital
- Writable memory
- This st.
- Bill the science guy
- See 19-across
- When a door is not a door
- Town in Indiana
- Grow turgid
- Wesley in "The Princess Bride"
- A frosh, for example
- A bird's thumb
- For 40-down
- CGS joule
- See 1-across



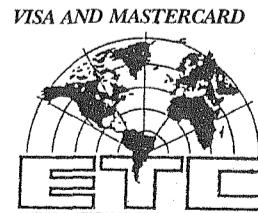
### DOWN

- Prefix for at or mach
- AM units
- Ren's sound
- Bring in the horses
- Checked
- Bullock's block-bus-ter
- Beer kiln
- Make like a possum
- Jarah Evslin, maybe?
- Mexican rah
- Black Joe
- The day after tomorrow
- Aficionado
- Come closer
- Cousin Addams
- Warcraft 2 scenario file
- O.J.'s Lance
- Vicki, to Carol
- Scream of pain
- Rulers of 1-across
- IHC dude
- Greatest integer function
- The other Simpson
- Early blossomer (2 words)
- Long brown donut
- See 67-across
- Caltech's "sister" school?
- Mercury, for example
- Hindi gum
- Up in the air
- Haw's predecessor
- Where some Techers go
- Jim the frosh
- Ending for pill or alleg
- Level
- Ms. Fitzgerald
- Make a scene?
- Alai
- Libyan lute
- Aladdin's disguise
- The way

Answer to this week's puzzle:



WE ACCEPT  
VISA AND MASTERCARD



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# Lloyd House Stacks

BY MASON PORTER  
AND STEVE VAN HOOSER

After being awoken on Tuesday for a well-engineered fake Ditch Day (with such "stacks" as the In and Out Stack, Escape from Shawshank Prison, the Wedding Stack, and Mortal Kombat), the real Ditch Day occurred on Wednesday, which had been scheduled for Drop Day.

Stacks with Lloyd connections were The Manhattan Project, The Mobius Operation, The Sixth Sun, Narnia, X:1996, and Clue: The Stack. All were well done, as both the underclassmen who tried to solve the stack and the seniors who were scrambling to leave campus as 8:00 a.m. approached would attest.

In The Manhattan Project stack, students had to race

against time to come up with the design for the atom bomb. Following the evidence left behind by physicists Walter Briskin and Nestor O'Campo, students raced around campus and Pasadena, locating notebooks, chemicals, and spare parts. Punch cards (along with a reader that the seniors had cooked up from scratch), video tapes, pictures, and the Coke Machine helped the students get the bomb built on time. The stash of uranium was found in the Coke Machine (by using a special account), and random PVC pipe scattered across campus served as scaffolding for

*The fifteen "archeologists" were invited to paint their faces and build a pyramid in front of the Athenaeum*

the time following World War II to rescue the kidnapped scientists from The Manhattan Project stack in order to return to their own time, no longer controlled by the Germans. This stack included an impressive laser which was placed in an old Atari 5200 console and controlled by a trackball.

Narnia: The Lion, The Witch, and The Wardrobe, done by Jane

the launching silo. Finally, at 4:55 p.m., all of the students gathered in the concrete bunker for the test. A video camera on the roof afforded the engineers a look at their handiwork, and the key sequence was given. The large explosion ended what was truly a n exothermic stack.

The Mobius Operation, by Brian Riley, took place in a futuristic alternate universe, where the world was controlled by Germans. One of the key elements of getting around this universe was time travel. At its conclusion, the Techers doing the stack had to travel back to

PHOTO BY SCOTT VAN ESSEN

Brock, Alison Sopher, Bob Keeney, and others was based on C.S. Lewis's *Chronicles of Narnia*. At the beginning, the underclassmen followed a bird that was leading them around campus. They had to unlock a beaver's dam in the Gene Pool. After lunch, however, they split up into two groups, just as in the story. One group dealt with clues on a web page, while the other group faced chal-

lenging mental puzzles. Upon rejoining into one group, they prematurely broke a stone tablet.

After solving several more puzzles, they were able to get into the room, which included a "very cool" waterfall.

Purple Alley's (whose seniors are Tom Maccarone, Brian Winters, Jose Hurtado, and Sara

Russel)

offering to Ditch Day was The Sixth Sun, an adventure in the Aztec tradition. It included handmade uniforms right out of Indiana Jones, which lacked only headgear. The fifteen "archeologists" were invited to paint their faces and build a pyramid in front

of the Athenaeum, among other things.

Clue: The Stack was proffered by Laura Brady and two others. Based on the board game, the underclassmen doing that stack had to find out which person committed the murder, and in which room

and with what weapon it was committed. This was a rather photogenic stack, as the stackers were instructed to take certain pictures around campus. For example, they took a very amusing photograph of Dean Kiewiet dancing with a flower in his mouth. At the end of the stack, the underclassmen received various toys. After seeing them play gleefully with the toys, Brady remarked that the prizes were perfect for those who participated in the stack.

The seniors who made X: The Stack included Lloydie Jeff Mach, but the stack was located in the south houses. This stack included participants from several different houses.

As always, Ditch Day was an enjoyable break from the rigors of

Caltech under-

gradu-

ate

life.

Work

was ig-

nored more

than usual,

and classes

were joyfully

skipped. However,

one need not fret now

that Techers are back to

work. After all, Tomorrow is only a day away.



PHOTO BY SCOTT VAN ESSEN

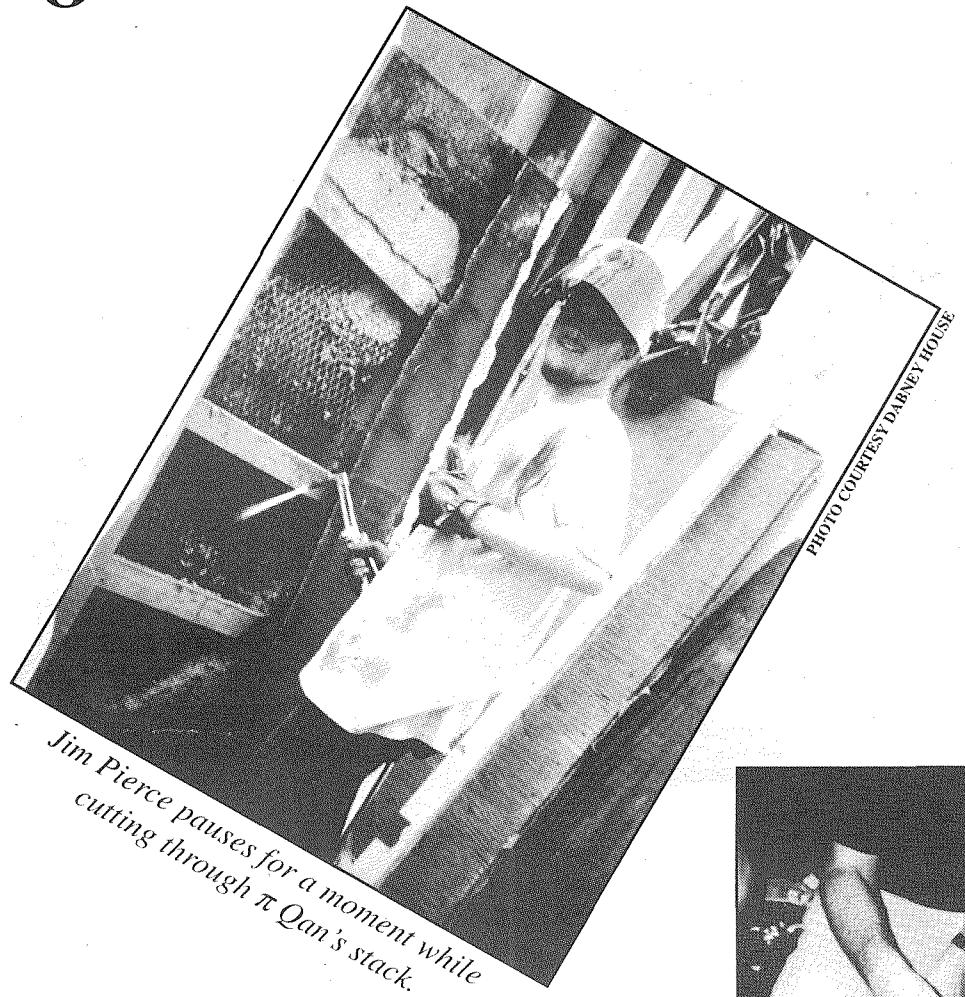


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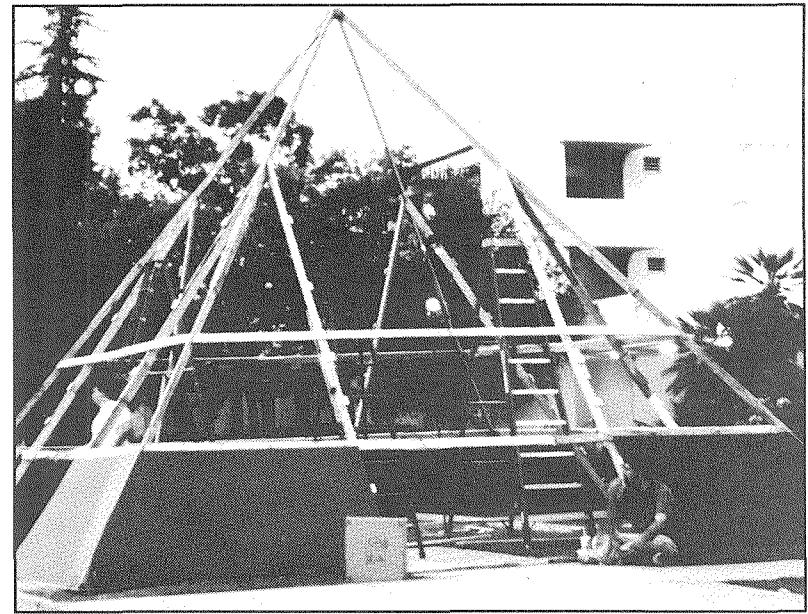


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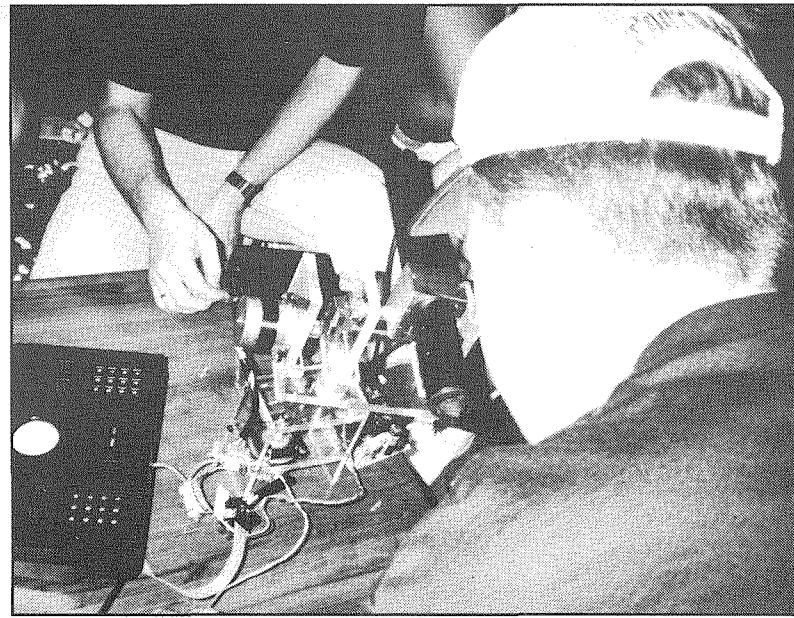


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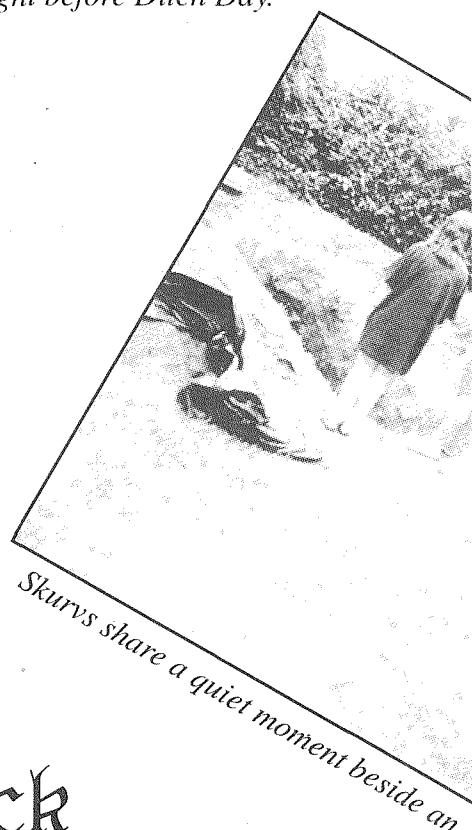


PHOTO BY SCOTT VAN ESSEN

## The Thirteenth Guest Stack

BY DAISY JAMES

So tomorrow finally came. It came a bit more quietly than the fakes, possibly because none of the seniors had slept in the last forty-eight hours. Still, it came. I chose the stack done by Becky, Steve and Tamara, called The Thirteenth Guest. It was based loosely on a computer game called The Seventh Guest, which I have never played. The plot, as far as we knew from the introduction, was that we were guests at the house of the inventor Cray Z. Asalun. We each chose a character, knowing nothing more than the first names. The entrance to Becky and Tamara's room was blocked by a gate (unlocked) in the hall on one side and a fairly solid fence on the other. The room had the back half walled off and a television and VCR in one corner. The first instructions were, naturally, to eat breakfast, which we did. After breakfast we watched the video. It featured our host, played by former Rudd Matt Carlson, explaining why he had invited us. He had, it seemed, invented a time machine, and it was either screwing with the time-space continuum or he was going crazy. He wanted us to help him figure out which. The guests were Fae D. Glory, R. Ida Block, I. Emma Duster, Olga Eizza (me), Bo Sonne, Ty Tass, Hi Andy Capp, H. Ed Shriner, Har D. Copy, Stef O'Scope, Pascal Striangle, and Mary G. Round.

Our first task was to find a trunk with clothes appropriate to our characters, to be worn for the rest of the day. This done, we broke a plaster vase to get the key to Cray's lab (a south master). From some clues from the video we knew that this lab, the next place we were supposed to go, was in the wind tunnel. Unfortunately, being the non-tunneling north housers that we were, we weren't entirely sure where the wind tunnel was. We did know that it was in Braun, so to Braun we went. We managed to find an entrance to the tunnels and we made a largish loop under the campus, only to come out at the other end of the building in which we started and find a door clearly marked "Cray's Lab." Oh well. We found a mid-morning snack and the clues for the next stage here.

The second part of the stack divided us up into two groups, each to work on a puzzle. The tie-in for these was that Cray had dreamed of some puzzles and when he woke up he found them. My group had to fit twenty-five tiles with red and black squiggle lines into a square so that the lines formed two loops. When we were finished, the letters on the backs of the pieces would provide a clue. At 11:15 we were to take a break and go back to the lab. Cray was there and he denied ever having invited us. After some confusing talk about time travel he decided that himself from last winter must have come and be running amok in the present. The way



PHOTO BY SCOTT VAN ESSEN

to get him to go back, he reasoned, was for us to convince him that it was winter now. But for winter you need snow, preferably in a prominent place. So we were off to Milikan with four bottles of spray-on snow and instructions to decorate the board room windows. This was probably the highlight of the stack.

After lunch we finished the puzzles and got our next instructions. We were divided up into smaller groups, each sent in a different direction to look for pieces of another puzzle and more clues. My group went to Mallard Falls, in the Angeles National Forest. It was getting late, so we hurried up there as fast as we could. We searched

for the clue for about ten minutes, and were on the verge of deciding that it had been taken, when who should we see but our very own seniors coming up the path, clue in hand. The clue itself wasn't so important, but the puzzle it contained was a model for a much larger one we had to do back on campus. With it, we were able to figure out the exact configuration in which we needed to put the wood, the only way that it would work. We didn't exactly finish before five, but we were really close and the seniors let us have the bribe anyway. The bribe consisted of a lot of chips and cookies, ice cream sundaes and tickets to Mission: Impossible.



PHOTO COURTESY DABNEY HOUSE

*Paul Vigil examines a pile of super balls for the Doorways '96 Stack.*

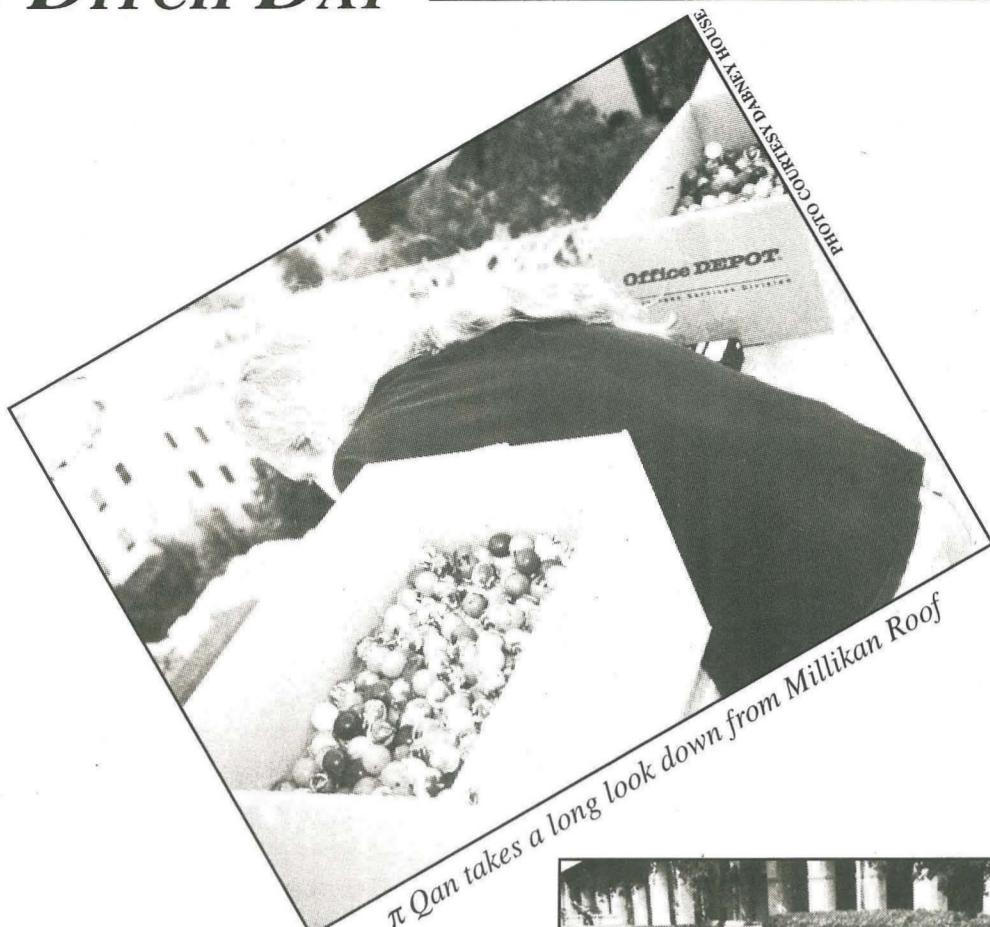


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π Qan takes a long look down from Millikan Roof



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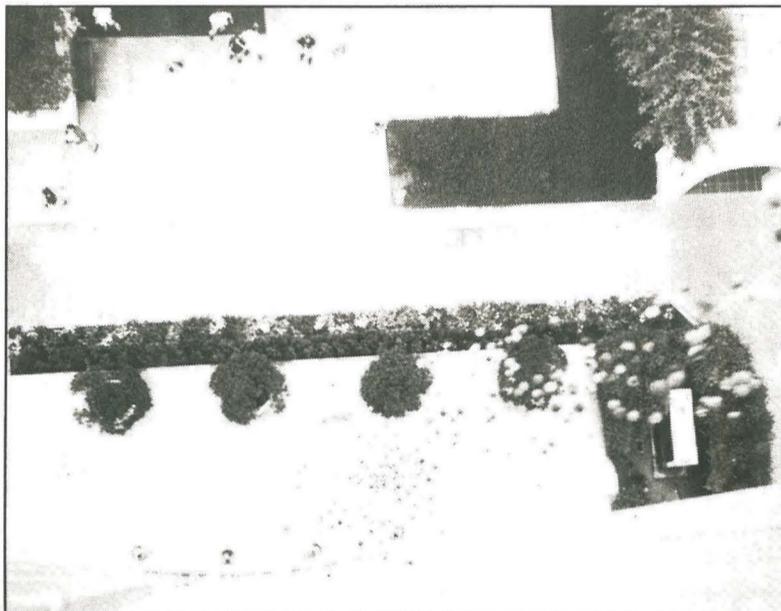


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*Ever wondered what 2000 super balls thrown off the roof of Millikan would look like?*

*Doorways '96 stackers make sure they've found all the super balls.*

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## THE X 1996 STACK



PHOTO COURTESY DABNEY HOUSE

*Darbs (from left to right, Autumn Looijen, Sander Granat, Myfanwy Callahan, Rebecca Langford, Jenny Yoder, and Valerie Anderson) pore over the first clue of the X 1996 stack.*

BY RAE L. YIP

The title of the stack was "X 1996", with the six hanging lower than the other numerals, like an upside-down number nine: a play on "X 1999", the Japanese manga (comic book), on which this stack was loosely based.

The X manga was in turn loosely based on Revelations from the Bible. However, knowledge of either was not necessary for the stack. Tarot cards were also featured in the stack; we were provided with a small booklet telling us all we needed to know about Tarot.

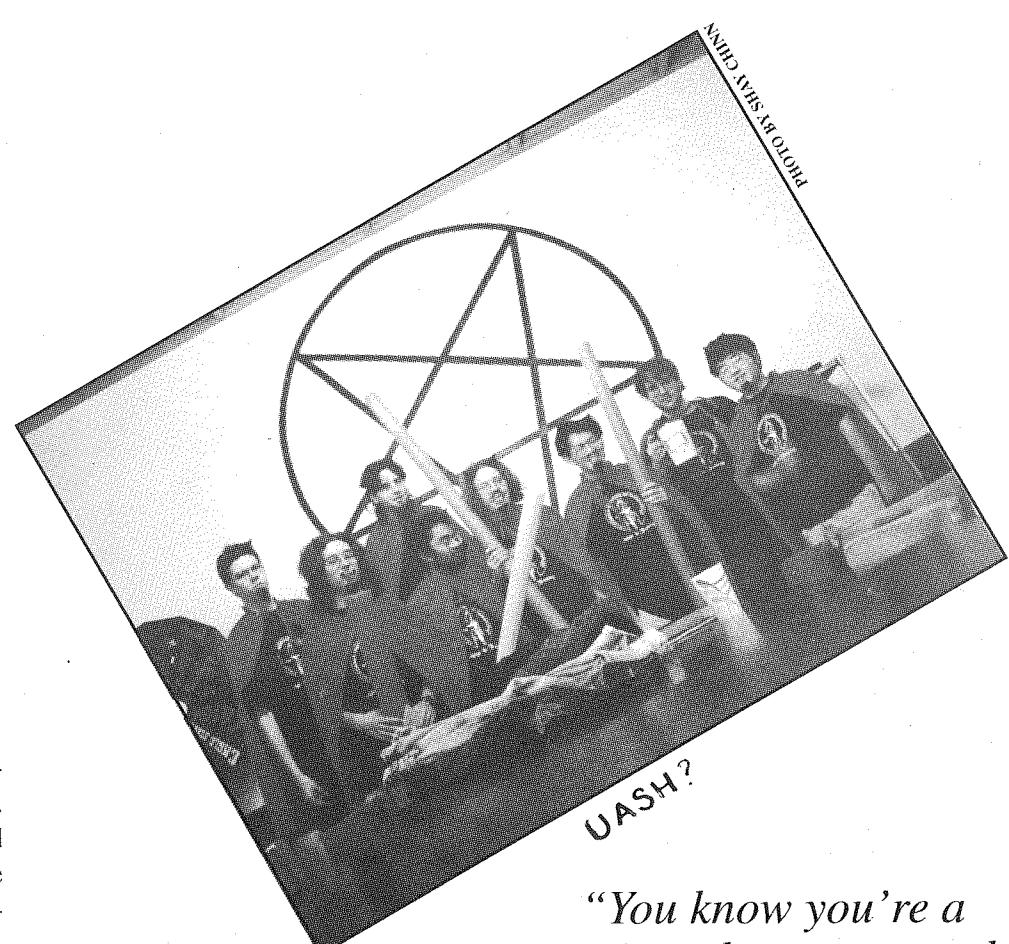
The door was blocked by a slab of wood painted completely black. Set in the middle of this is the Japanese symbol for earth: "Chi". We seven were of the Dragon of Earth; our mission was to break the Seven Seals and save the world. To this end, we were to recover clues, in the form of Tarot cards and messages containing cryptic descriptions of visions, that would lead us to the next clue.

The cards amounted to a Tarot card reading, which would lead us to our destiny.

The ways in which we recovered each card were varied. For one clue, we had to convince people to sign our petition to save the world. One card was hidden in the symbol of the opposing team, who were of the Dragon of Heaven. For others, we had to seek out allies, scattered about Caltech, who would have clues for us. We would have to guess where we had to look, based on the references in the clue. All in all, it was good test of our Caltech 'geography'.

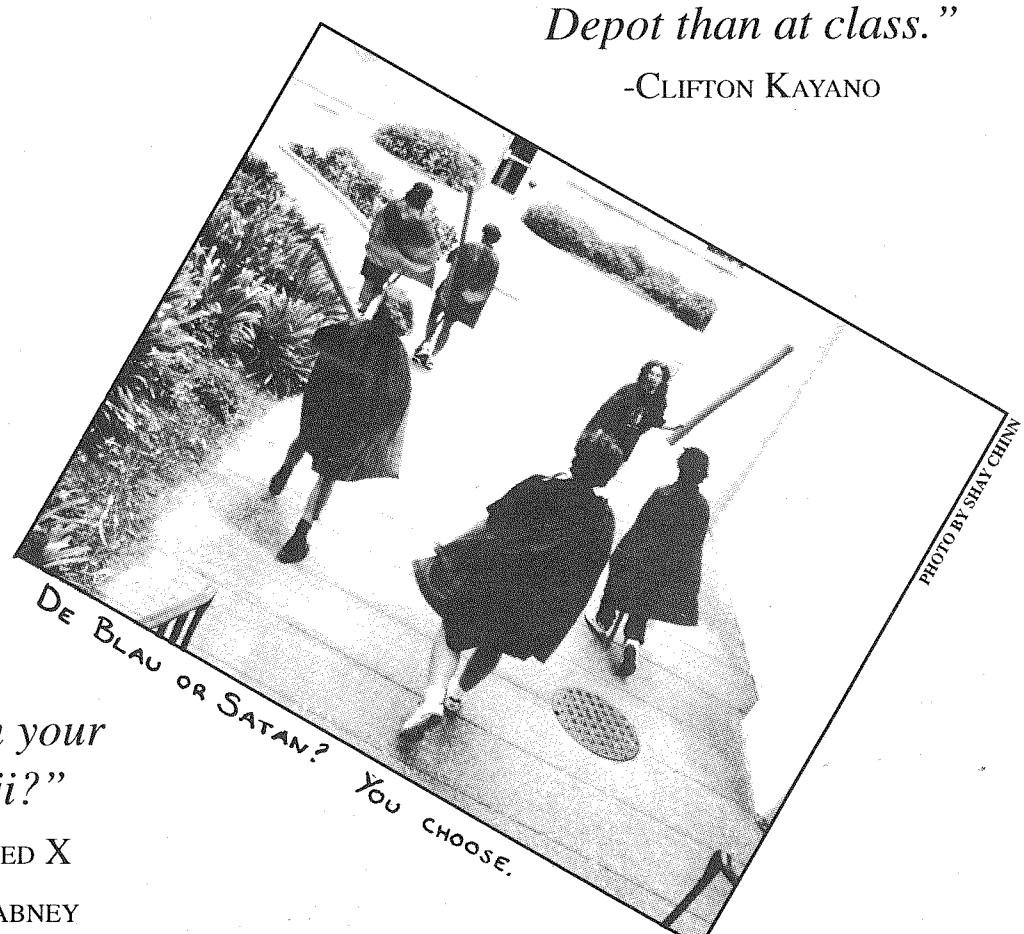
Finally, we had our full Tarot reading, and were supposed to figure out what our team was to do. We found the Avatar in his place of hiding and convinced him that our side was right.. (if we hadn't, we were to bind him with the strongest of spells - duct tape), and saved the world. I suppose that's all in a Ditch Day's work.

I have Justin, Anand, Jeff, Rob, and Travis to thank for designing the challenging and twisted stack I participated in.



*"You know you're a senior when you spend more time at Home Depot than at class."*

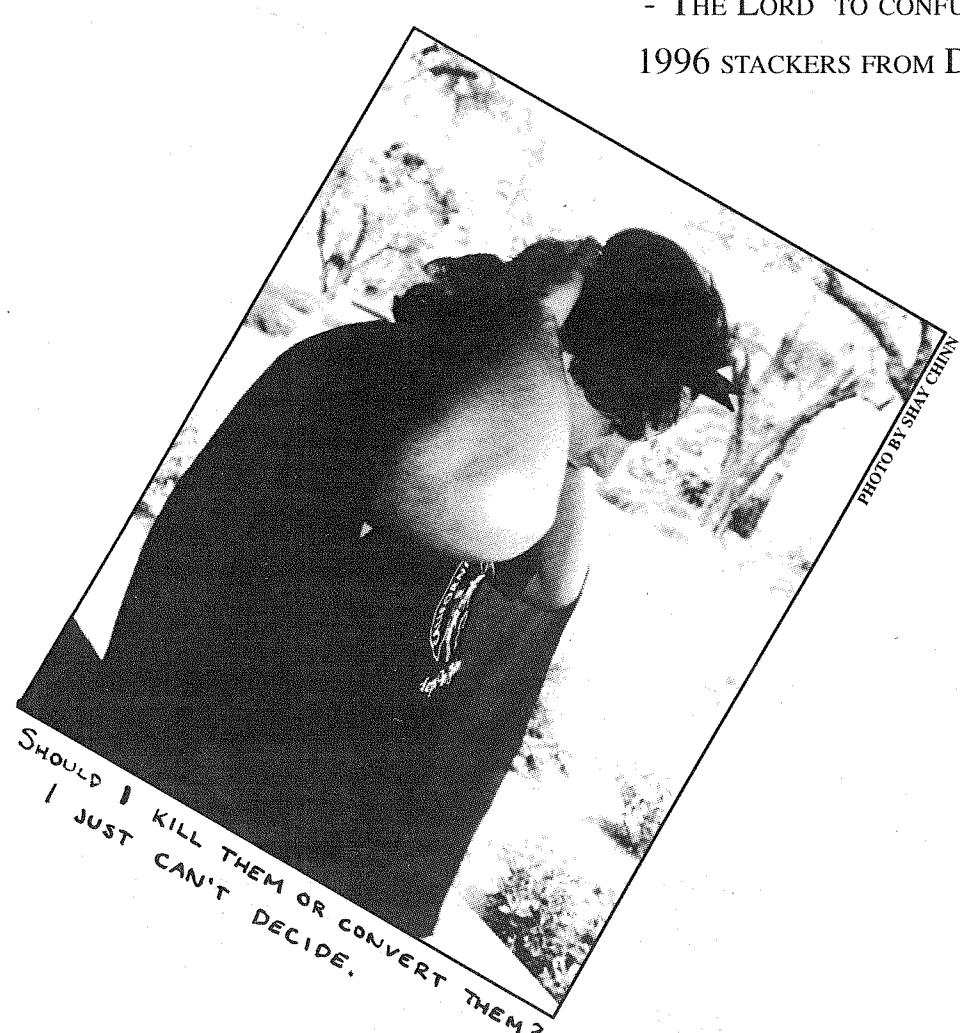
-CLIFTON KAYANO



*"What?? No one in your group reads Kanji?"*

- 'THE LORD' TO CONFUSED X

1996 STACKERS FROM DABNEY



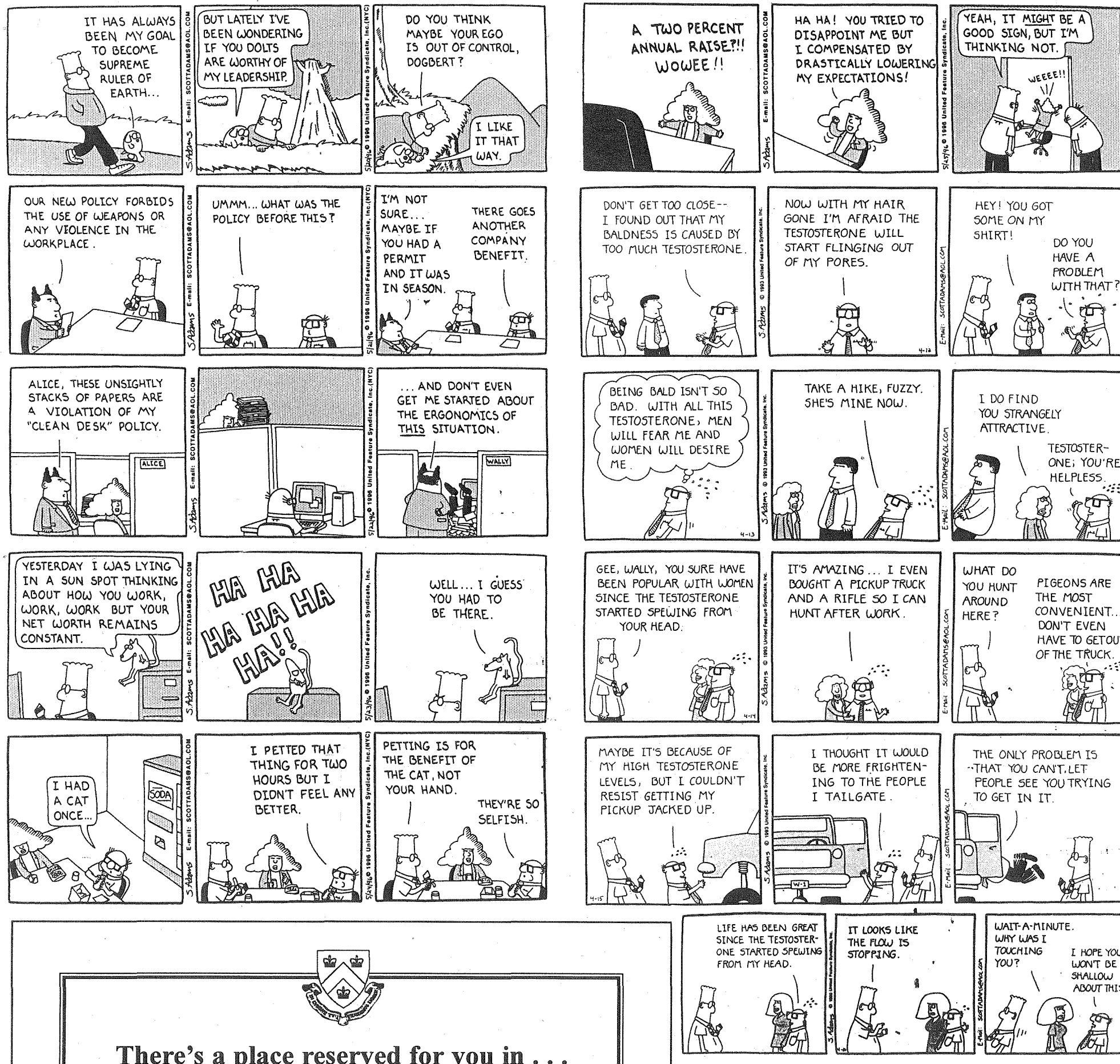
## WHERE THE SIDEWALK ENDS Stack

BY KYLE ALVINE

Well, it was finally "tomorrow" on Wednesday. I awoke to the sound of music and strange noises. It was early, and there were concrete blocks outside my door, prompting me to think it might perhaps be Ditch Day. After a bunch of running around and socializing, the frosh finally decided it was real and commenced to wander about in search of a stack upon which to work. All things considered, I chose the "Where the Sidewalk Ends" stack, which coincidentally hap-

pened to be right across the hall from my own room. The majority of the day's fun was spent searching all over campus for clues, and solving these cool puzzles. Then it was lunch time. Then more puzzles. Along the way we got to meet some people including Gloria, Suzette, and accidentally Dean Kiewiet. The objective of these puzzles was to find the correct keys for a box that held the secret of how to get into the stacked room. It was a challenge to do so. We finally got into the room after a little hopscotch and some added help....

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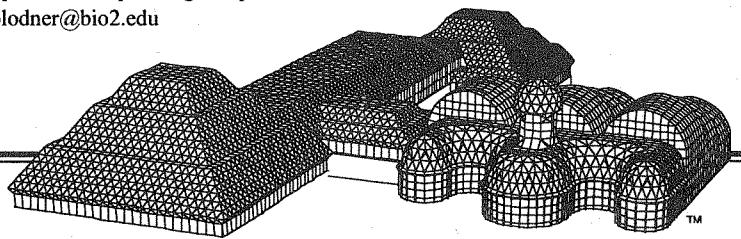
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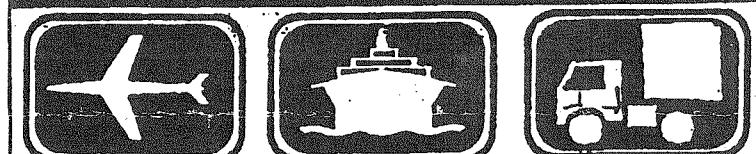
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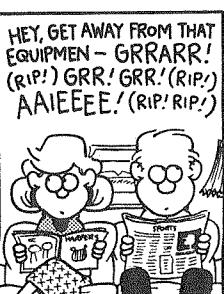
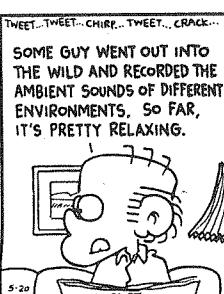
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# KELROF: The fun begins tomorrow morning

CONTINUED FROM PAGE 1

decided its running order for the relay. Each team will be issued a baton and a grid upon which to record mile splits. If enough stopwatches are available, each team will receive one of these as well. The race will have a two-command waterfall start. After everyone on a team has run his or her first mile, the team must maintain the same running order for the remainder of the race. If a team member misses a relay leg, that person is considered to have dropped out of the race and no substitutions can be made. Every 8 hours, the race will

switch directions, beginning counter-clockwise, changing to clockwise, then back again. For the entire 24-hour race, one of the trainers will be available for any medical difficulties that may arise. Food and beverages will be provided for all competitors and volunteers to the limit of KELROF's funding. Freshly silkscreened T-shirts commemo-

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As the Caltech track is in fact a 400m track, as opposed to a quarter mile track, each relay leg will be 1600m, 9m short of a mile. At the conclusion of the race, this discrepancy will be accounted for, as it does add up over a couple hundred miles.

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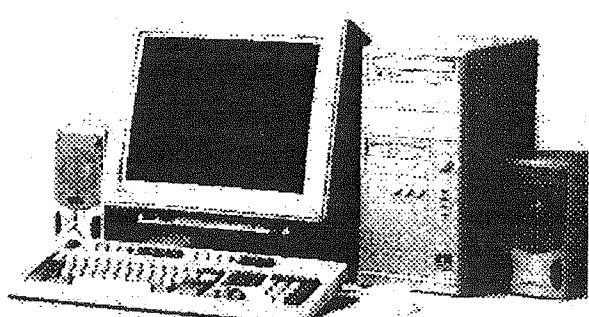
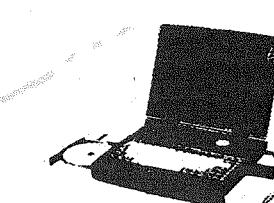
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  - > 4X Multisector CD-ROM Drive
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## Announcements

Stale Urine is responsible for the utterly ubiquitous use of posters around campus in order to announce their concert with Chub on Saturday, May 25th, in BDR as well as their program to kill all known domestic species of trees. Harass Benedetti persistently for details.

The Caltech Bookstore is holding an "almost" storewide inventory reduction sale May 20th on with 30% savings on all clothing, supplies, and gift items and 20% off all books. Sale excludes foods, drinks, textbooks, magazines, film processing, and special orders. Sale items cannot be combined with any other discounts or items already marked down.

The Career Development Center (x6361) would like to remind all 1996 graduates to please get their CDC Graduation Survey completed and sent back to their office. There will be another drawing for a \$50 gift certificate for the Warehouse, but each senior must have the survey into the office by noon on June 3rd.

The Office of International Programs is seeking applications for several Orientation Assistant positions for the Fall 1996 International Student Orientation Program. The Orientation Assistants will have the unique opportunity of working with new international students in a leadership position and the chance to gain valuable experience in working across cultures. The Orientation Assistants will receive a small stipend at the completion of the program in September. The dates for the orientation program will be the 16th to 22nd of September, 1996. Those selected as Orientation Assistants will be expected to participate in a two day training and planning workshop on July 19th and 20th, 1996. For complete information or an application, please stop by the Office of International Programs on the Olive Walk. The application deadline is May 31st, 1996.

Sign-ups for letter jackets will be up in the seven houses and on the side

of Winnett. Any athlete who has lettered twice in the same sport is eligible for a letter jacket. The cost will be \$50 with ASCIT paying for the difference in cost.

The SURF Office has a few industrial SURF opportunities still available! Please stop by the SURF Office at 137 Beckman Institute. The announcements are also included on our Web page at <http://www.cco.caltech.edu/~surf/> For further information, please contact us at x2885 or [surf@starbase1](mailto:surf@starbase1). Deadline for applications is May 15th.

## Events

Student Affairs and Friends of Caltech Instrumental Music present a Baroque Chamber Music at Noon concert Today, May 24th, in the Dabney Lounge. The program includes works by Vivaldi, Handel, Telemann, and Praetorius; Lunch will be served to the first one hundred people to arrive.

The Caltech Ballroom Dance Club will hold its last waltz class for the month of May Today, Friday, May 24th, from 7:00 to 8:30pm in Winnett Club Room 1. Next Wednesday, May 29th, will be the last of this set of salsa classes, from 7:00 to 8:30pm in Winnett Lounge.

On Friday, May 31st, Erin Schuman, Assistant professor of Molecular and Cellular Physiology, Caltech, and Mary Kennedy, Professor of Biology, Caltech, will give a Biology 0.1 Seminar entitled "How do synapses function and get modified during learning?" at 4pm in Baxter Lecture Hall. This series is intended for nonspecialists interested in the biological-research revolution of the past decade. JPL employees as well as campus and community members are always invited. Preparatory reading materials available in Millikan Reserve the Monday prior to each lecture.

## Mints

▼ denotes a new announcement.

T.A.C.I.T. auditions for the spectacular T.A.C.I.T. performance of *Fantasio*, a romance by Alfred de Musset to be preformed November, 1996, will be held on Friday and Saturday, June 7th (7 to 11pm) and 8th (1 to 5pm) in Club Room 1, and Sunday, June 9th, in the Winnett Lounge from 1 to 5pm. For more information, call T.A.C.I.T. at 6259.

Christof Koch, Professor of Biology, Caltech, and Richard Andersen, Professor of Neuroscience, Caltech, will hold a Biology 0.1 Seminar entitled "Is there a biological basis for consciousness and perception?" on Friday, June 7th, at 4pm in the Baxter Lecture Hall.

David F. Noble, visiting professor at the University of California, San Diego, will be giving a Science, Ethics, and Public Policy Seminar entitled "The Religion of Technology" on Friday, May 24th, at 3:30pm in the Judy library. This seminar is free and open to the public; refreshments will be served.

This summer, the Caltech Ballroom Dance Club will continue to hold waltz and salsa classes. The Waltz classes will be held Mondays from 7 to 8:30pm in Dabney Lounge (NOT Dabney House dining hall); the first class will be held June 3rd. Salsa classes, as usual, will be 7 to 8:30pm on Wednesdays in Winnett. There will be no Friday classes beginning in June. Four classes will cost \$20 per person (\$22 for non Caltech or JPL associated persons). All levels of dancers are encouraged to join: no partner is needed. For more information, contact John Carri at [jcarri@jigo.caltech.edu](mailto:jcarri@jigo.caltech.edu) or 792-9679.

## From the Counseling Center

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?

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From the Financial Aid Office, 515 S. Wilson, second floor:

The John Gyles Education Fund is offering financial assistance to students in Canada and the United States. Canadian or American citizenship and a minimum 2.7 GPA are required. Selected students will receive up to \$2,500. Deadlines for 1996 are June 15 and November 15 (postmark date). To receive an application, send a stamped (U.S. \$32), self-addressed No. 10 envelope to: The John Gyles Education Fund, Attention: R. James Cougle, Administrator, P.O. Box 4808, 712 Riverside Dr., Fredericton, New Brunswick, Canada E3B 5G4.

The Jewish Family and Children's Services is pleased to announce the continued availability of financial support for Jewish individuals and their families. JFCS provides hundreds of students loans, grants, and scholarships to Jewish students. Individuals may apply for up to \$5,000. Special scholarships are available for study in Israel. To be eligible, students must have financial need, have at least a 3.0 GPA, and be residents of San Francisco, the Peninsula, Marin or Sonoma counties, or the Bay Area. There are no deadlines—applications are accepted throughout the year. The Financial Aid Office has applications.

The Nuclear Age Peace Foundation announces its Lena Chang Scholarship Awards for 1996-97. The Foundation will be awarding two \$2,500 scholarships to undergraduate minority students who can demonstrate financial need and academic excellence. Applications are available at the Financial Aid Office and are due to the Nuclear Age Peace Foundation no later than July 1st, 1996.

## Stale Urine!!!

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