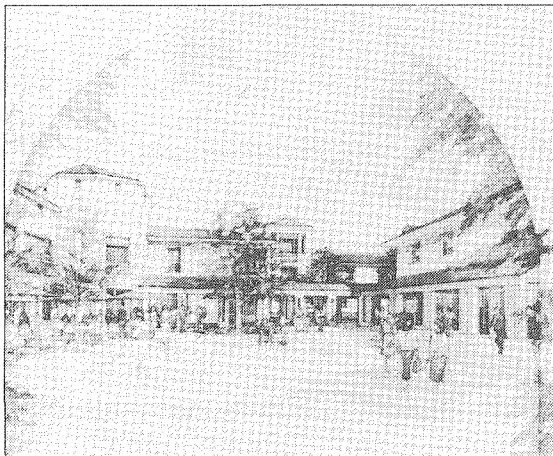


## Avery House Design Approved

by Gary Lorden

The accompanying pictures show what Avery House will look like when it opens in September of 1996. The design, which was approved last week by Pasadena's Design Review Commission, incorporates many ideas suggested to the architects by undergrads, graduate students and faculty. Made possible by a very generous gift from Stan Avery, a Caltech trustee and former chairman of the Board of Trustees, Avery House is designed to accomplish multiple goals. The residential part of the house will provide comfortable living quarters in which approximately 140 students, about one-fourth of them graduate students, along with five faculty and their families can develop a strong residential community. The "commons facilities" part of the house will welcome the rest



Avery Courtyard (artist's rendition).

of Caltech to a new kind of center for campus life.

The commons facilities of Avery House surround the large courtyard that opens to the campus through the arches at the south end. Starting on the left side of this courtyard and moving clockwise, there is a large Athenaeum-like dining room and a patio dining area that will welcome Avery residents, "social mem-

bers", and other members of the Caltech community to join student-faculty roundtables. Next to the dining room is a cafe that will be open day and night for meals and snacks, and nearby is a lounge designed for residents and non-residents to mingle and hang out (separate from a series of small lounges in the residential part of the house). Across the courtyard from the dining room is a library/gallery where in the evening groups can hold special dinners, and on the second floor above the lounge is a large conference room, with views in three directions, designed to hold regular entrepreneurship seminars and other meetings. A large secured basement area will offer lots of parking spaces and areas for recreation facilities and storage.

SEE AVERY HOUSE ON PAGE 6

## CyberWire Dispatch: Government Moves to Outlaw Private Encryption

by Justice Louis Brandeis

Washington, DC — If private encryption schemes interfere with the FBI's ability to wiretap, they could be outlawed, according to recent comments made by the agency's Director Louis Freeh.

Freeh told attendees here at the recent conference on Global Cryptography that if the Administration's Escrowed Encryption System, otherwise known as the Clipper Chip, failed to gain acceptance, giving way to private encryption technologies, he would have no choice but to press Congress to pass legislation that provided law enforcement access to \*all\* encrypted communications.

If, after having pushed Digital Telephony through Congress (which hadn't yet happened when Freeh spoke at this conference), all the Bureau ended up with during wiretaps were the scratchy hiss of digital one's and zeros being hurled back and forth, Freeh made it clear that he would seek a congressional mandate to solve the problem.

In other words: Roll your own coded communications; go to jail.

Freeh's comments, made during a question and answer session at the conference, are the first public state-

ments made by an Administration official hinting at a future governmental policy that could result in the banning of non-governmental, unbreakable encryption methods.

Freeh's remarks were first reported on the WELL by MacWorld writer and author Steven Levy. The FBI confirmed those statements to Dispatch.

*"...the White House doesn't consider the public's right to use private encryption methods [to be] protected anywhere in the Constitution."*

The Administration, however, continues to state that it has no plans to outlaw or place any restrictions on private encryption methods.

A White House official said

there are "absolutely no plans" on the table to regulate domestic encryption "at the present time." He wouldn't comment, however, as to whether the Administration would back an FBI attempt for such legislation. "Freeh doesn't seem to need a lot of White House support," to get things done, the official said.

FBI sources said any moves to approach Congress about regulating private encryption are "so far out there" time wise, that the subject "doesn't merit much ink," as one FBI source put it. "We've got to make sure the telcos rig up their current networks according to the new [digital wiretap] law before we go worrying about private encryption stuff," he said.

An FBI spokesman confirmed Freeh's position that the Bureau would aggressively seek to maintain what the spokesman called "law and order objectives." If that meant getting laws passed so that the Bureau's "authorized wiretap activities" couldn't be thwarted by "criminal elements using non-governmental" encryption schemes, "then that's what he [Freeh] would do," the spokesman said.

When the Administration went public with its Clipper Chip policy, it stressed that the program would be not mandatory. Many civil liberties groups wondered out loud how long it would be before private encryption was banned altogether. The White House, anxious for the public to buy into its one-trick pony the Clipper Chip, said that wouldn't happen.

But the Administration hedged its bet.

Buried in the background briefing papers of the original Clipper announcement, is a statement that the White House doesn't consider the public's right to use private encryption methods are protected anywhere in the Constitution.

## Out-of-State Plates Missing

There has recently been a rash of thefts involving out-of-state license plates. Most of these thefts have occurred in Caltech parking structures and on-campus parking lots. In the remote chance that a member of the Caltech community is doing this in the belief that it is a harmless prank, or knows anything about these thefts, please understand that these thefts are not harmless. I have talked to Chief of Security Operations Gregg Henderson about this, and he tells me that it is quite costly in terms of time and money to get stolen plates replaced. Thus, if you know who is doing this or suspect you might know, please urge the person or persons responsible to return the plates as soon as possible. Simply dropping them off in front of any prominent public building would be fine.

- Dean Kiewiet

## Three Week Long Toga Party Begins Saturday

from Theater Arts

Braun Court will be the site of a toga party the likes of which Caltech has never seen before. For the next three weekends, Theater Arts at the California Institute of Technology (TACIT) will be presenting the immortal Bard's play *Julius Caesar*.

This production brings together a motley crew of undergrads, graduate students, researchers, Caltech staff, and even JPL employees. Many take on multiple roles in the tradition of Shakespeare's own troop of actors! Also fitting the traditional approach is the use of an outdoor venue with natural lighting.

Director Shirley Marneus made a decision to go against the current

trend in theater to "update" or 'modernize' Shakespeare. The play is a classic and carries a message just as important today as it was when it was written, or even when it actually happened! Says Marneus, "It is a timeless piece that doesn't need modern trappings in order for us to relate to it."

Filled to the brim with suspense, intrigue, and legendary quotes, *Julius Caesar* is sure to please every crowd. Performances are on Saturdays and Sundays at 1:30 PM in Caltech's Braun Court November 5th through the 20th. Tickets can be bought at the shows, or by calling (818)395-4652 or 1-800-423-8849. Bring your own laurel wreath, toga, and grapes!

Want to make an important contribution to campus life at Caltech? Student Affairs is forming a new committee to study student issues and concerns. We need interested students to serve as members on this important committee which will have an impact on the quality of student life at Caltech. The committee's charge will be to determine student needs and make the appropriate recommendations for change. The committee will consist of 8 students, 2 faculty and 3 Student Affairs staff and will be headed by a triple-chair (1 student, 1 faculty and 1 Student Affairs staff).

Sign-up sheets for interested students can be found on the east side of the DRL Office. The deadline for sign-ups is Monday, November 14. Student interviews will be conducted the week of November 14 by Stanley Grant, Jon McDunn and Chris Bryant. If you have questions about the committee, please direct them to Sharyn Slavin, ext. 6321 or [sharyn\\_slavin@starbase1.caltech.edu](mailto:sharyn_slavin@starbase1.caltech.edu). Please get involved to make Caltech an even greater place to be!

## Thrillo in Arroyo

by John Doyle and Scott May

The newly resurrected (and soon to be renamed) Caltech Homeboy tri/duathlon club will be hosting its annual fall 5k/duathlon (a.k.a. "biathlon") at the Rose Bowl on Sunday, November 20th. Both events will start simultaneously and use the same run course, an out-and-back 5k on the all-dirt trails of the Arroyo. Those individuals competing in the duathlon will then have approximately 10 minutes before the bike portion begins, a 20k time trial consisting of 4 laps of the Rose Bowl. Team entries are encouraged for the duathlon (one runner and one cyclist), so cyclists, if you don't have a team, show up race day to find your match. Drafting is strictly illegal for the bike portion. Several roving motorcycles will enforce this rule, with fines of up to \$5000 and/or 400 hours of community service. Helmets are required for the bike portion (seriously). Merchandise awards are being worked on for several categories in both the 5k and duathlon, as well as the two-day multi-sport event (see next paragraph), including fastest

runner (male and female), fastest duathlete (or team) other than Scott May, best suggestion for a new club name, and others.

For the ultimate sports challenge, the 5k/duathlon will be combined with 7 additional events at the Caltech gym/track/pool on Saturday, November 19th. Saturday's 7 events are 1 rep max bench press, standing long jump, football throw, 1 km ergometer row, freestyle shotput, 400m run, and 50 yard swim. The 2-day event blends the standard decathlon and triathlon using decathlon-like scoring, with more variety and safety and less sports-specific skills. Participants can do any combination of events, and relays are encouraged. Awards will go to best overall male and female, best 8 events (must include 5k), best overall relay, best Saturday-only score, best strength (bench + row + shotput), best runner (400m + 5k), and best name for this exciting new sporting event.

Questions, schedule conflicts, or comments, please contact either Scott May (x4236 or [scott@calcatraz.caltech.edu](mailto:scott@calcatraz.caltech.edu)) or John Doyle ([doyle@hot.caltech.edu](mailto:doyle@hot.caltech.edu)).

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# BEAVERS RUN OVER CONFERENCE

by Dan Kleiman

Capping off a year which featured the emergence of individual stars, the entire women's cross country team shared the spotlight at last Saturday's SCIAC championship meet. A solid team effort earned Caltech 5th place in the conference,

while solid individual efforts led many of the runners to both personal bests and All-Conference honors.

Senior Ginger Garcia, Caltech's only senior running in the meet, set a perfect example for her teammates by covering the five kilometer course in 21:19, her fastest time ever. She was followed by Radhika Reddy and

Karen Bletzer, who raced through the field to finish in times of 23:15 and 23:24, respectively. These performances were complemented by Sara Beaver, who finished 13th, earning second team All-Conference honors, and Cailin Henderson, whose 7th place finish qualified her for the All-Conference team.

Their fifth place performance, as well as the individual performance of many of the women at the league championships, reflect the success enjoyed by the women's team this year. While many Caltech teams are content merely to compete, the Beaver runners have shown throughout the season that they can beat most

teams on any given day. The postseason begins for Caltech on November 12th as the top seven women race at the NCAA Division III Western Regional in Chino. Top finishers would move on to the National Championships in Lehigh, PA.

## Editors' Corner

### From your Friendly Tech Editors

Welcome to the first eight-page issue of the year! Some of your favorite columns may have moved; look at the table of contents on the front page to find them.

We here at *The California Tech* appreciate article contributions from people in the Caltech community. However, most announcements and blurbs we receive are on paper. We are extremely grateful for any contributions, but, whenever possible, please turn in your submissions on Macintosh or PC 3.5" disk. It will be returned to you! If you have an email account, submitting on email is the next-best thing. Electronic submission saves us a huge amount of time and energy that would be better spent on improving the layout of the paper or on homework sets. In fact, when it comes down to deadline time, an article has a higher chance of being run if it is on disk rather than on paper. We understand that it may not always be possible to submit this way, but we'd appreciate it if you would turn in contributions on disk.

We still have a lot of positions open right now. We can use lots of helpers to do occasional tasks. If you're at all interested, write us at [editors@tech](mailto:editors@tech).

### Deadlines for Submission to The Tech

Letters to the Editor — 5 P.M. Monday

Events and Notices — 5 P.M. Tuesday

Unsolicited Articles — 5 P.M. Tuesday

Regular/Semi-Regular Columns — 5 P.M. Wednesday

Articles, News Submissions — 5 P.M. Wednesday

Art/Photo Submissions — 5 P.M. Thursday

## Work for The Tech!

12:00, Fridays, Coffeehouse

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](mailto:editors@tech.caltech.edu). Deadline for submissions is Monday at 5pm on the week of publication.

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

## The California Tech

Caltech 40-58 SAC, Pasadena, CA 91125  
phone: (818) 395-6153  
e-mail: [editors@tech.caltech.edu](mailto:editors@tech.caltech.edu)  
ISSN 0008-1582

VOLUME XCVI, NUMBER 7  
NOVEMBER 4, 1994

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Published weekly except during vacation and examination periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are strictly those of the authors.

Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. Submit copy (preferably on Macintosh 3.5" disk) to the Tech mailbox outside SAC room 40, or e-mail to [editors@tech.caltech.edu](mailto:editors@tech.caltech.edu). The editors reserve the right to edit and abridge all submissions for literacy, expediency, etc. All articles are the property of the authors. Authors and columnists retain all intellectual property rights.

*The California Tech* is distributed free. Issues will be mailed off-campus upon receipt of \$11 per year to cover third-class postage and preparation costs. Printed by News-Type Service, Glendale.

## MOSH Move is Waste of Funds

Zackary Dov Berger

In a mind-bending decision, Steele House will be converted into the office of (take a deep breath) the Vice President for Technology Transfer. The MOSH will be moved to 550 S. Hill, right across from campus and a terribly ugly example of architectural malpractice.

This move absolutely fails to take into account several factors: 1. Remaining in Steele, the MOSH would be perfectly placed for Avery House. Moving to 550 S. Hill would place him precisely where no one sets foot. 2. 550 S. Hill, besides being ugly, is next to thin-skinned Pasadena neighbors. Hey, you guys in Parsons-Gates, third floor: expect unending phone calls complaining about loud parties at the MOSH's. You'll get no sympathy from the rest of us. 3. The Vice President for Technology Transfer needs Steele House in particular? Why's that? There are plenty of

little houses around Caltech just perfect for office space. 550 S. Hill, for example. "Well," say the pseudo-cognoscenti, "the even-numbered side of Hill isn't available for office space, under the

Master Plan."

*"Master Plan, shmaster plan. Can't Caltech exercise a little muscle once in a while, or must it always be intimidated by the big bad boys at Pasadena City Hall?"*

Master Plan, shmaster plan. Can't Caltech exercise a little muscle once in a while, or must it always be intimidated by the big bad boys at Pasadena City Hall? Come on, Dr. Everhart, show some spunk.

To conclude: if there were an once of volition upstairs to preserve Steele House as a conveniently located and graceful center of faculty-student interaction, the Veep would get his office space somewhere else, no problem. As it is, however, no one in power is on the side of right in this one. Look: push aside some Pasadena bureaucrats, buy another little house—do what you have to do, but leave David Wales and his house alone.

Steele House was renovated five years ago for a quarter of a million dollars. Now, the Administration is leaping at the chance to spend more money on unneeded renovations to a execrable building. If Steele House were left as is, and, for once, some accommodation made for the students' side of things, Caltech could save some money. And maybe someone on the third floor would be worthy of respect.

## SOMETHING DIFFERENT AT CALTECH

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## SPORTS

# Occidental Reigns Supreme in SCIAC

## Cross Country Beavers Fall Short

by Tom Dmukauskas

The men's cross country team looked to break out of the 7th place hole that they had dug themselves two weeks earlier at the 8-way dual meet. Fortified by a pre-race meal with a plethora of essential (and nonessential) vitamins and nutrients and a visit to a timely showing of "The Crow," it appeared that perhaps destiny was on the Beavers' side. Appearances can be deceiving.

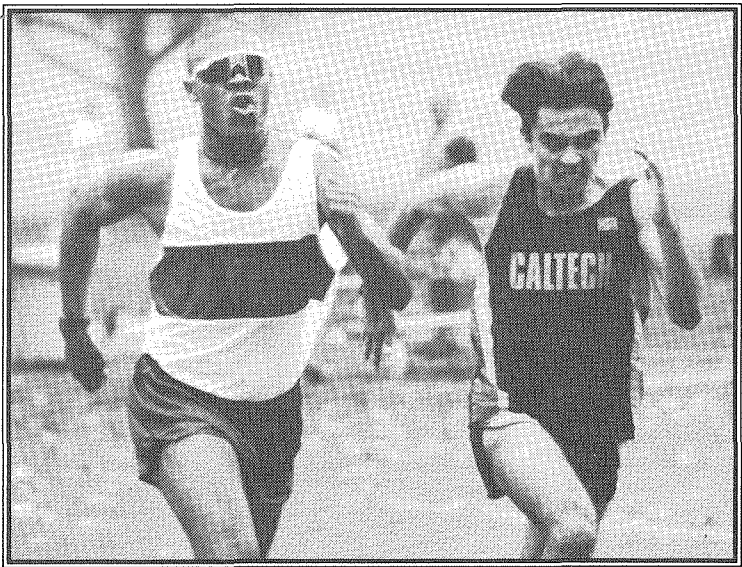
Eighteen Caltech runners toed the starting line at 9:30am on a cool, overcast day at the pride of Chino, Prado Regional Park. Dan Kleiman bolted out of the gate and, in fact, held the lead of the race for a period. He would wind up 4th with a stellar time of 26:19, but 36 seconds behind the winner, Will Allen of Oxy. He would now have to wait and see if his teammates could back him up in their quest to defeat Whittier. The rest of the

Beavers were mired near the back of the pack for the first two miles before they started to make their move. A pack of five continued to pass others without getting passed back. In the final 600m, four Beavers dusted a Whittier runner with their kick. The harsh and unfortunate truth was that Whittier's 5th man had already come in ahead of the Caltech 2nd-6th man pack of Schuyler Cullen (44th, 28:59), Tom Meyer (46th, 29:16), Ron Stieger (48th, 29:23), Tom Dmukauskas (49th, 29:24) and Chris Cary (50th, 29:27). Thus it was not to be for the Beavers on this crisp autumn day as Whittier defeated them 142-173 and put them in 7th place in the conference for good this year. Occidental was the winner of the meet with 37 points, followed by CMS (56), Pomona-Pitzer (76), Redlands (117), Laverne (121), Whittier, Caltech and CLU (202).

It is now November and cross country has entered the post season. Only the top seven get to run at the

NCAA Division III Western Regional a week from Saturday where the Beavers will battle with their conference rivals once again as well as UCSD. The top two teams and the top three individuals not on those teams qualify for

Nationals. Can Caltech send a men's cross country runner to Nationals for the second year in a row? Come out and see at Prado Park at 10am on November 12th.



Francisco Gutierrez duels with a Laverne runner in the kick.

THEATER ARTS AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY  
PRESENTS

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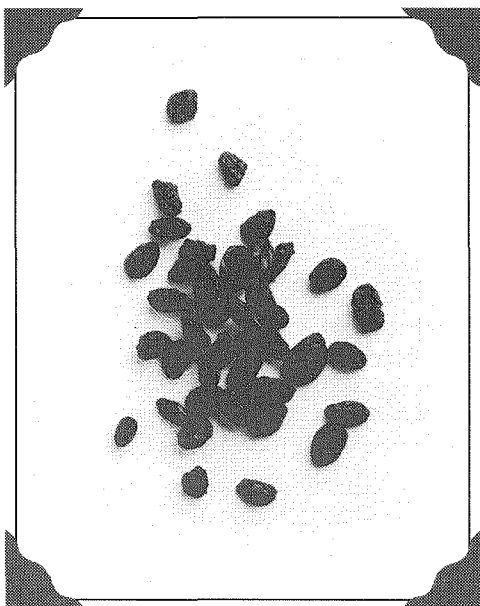
Students with ID: \$6

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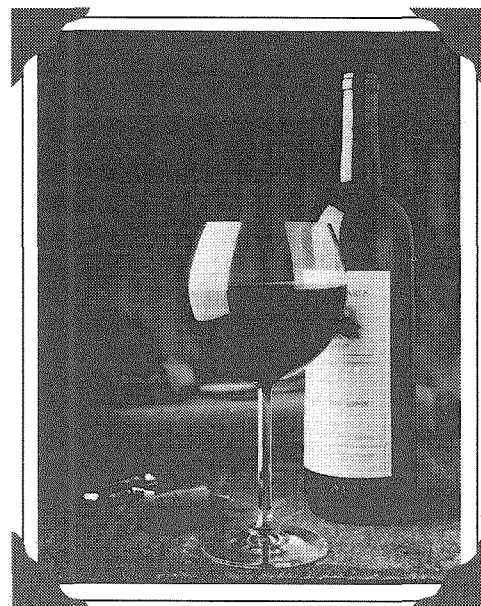
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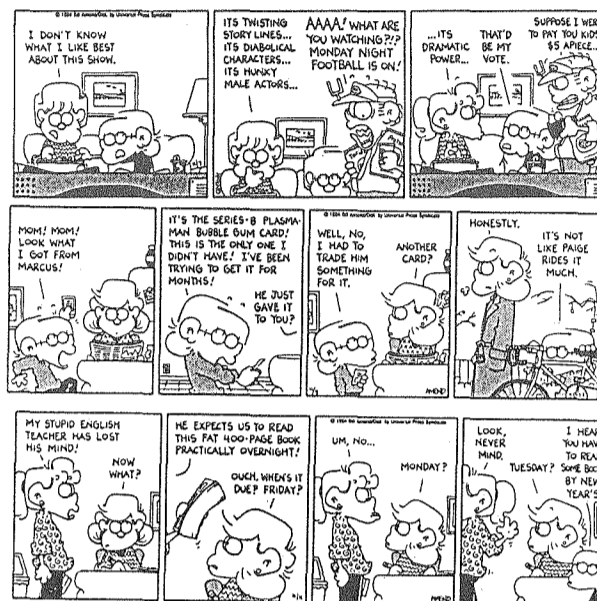
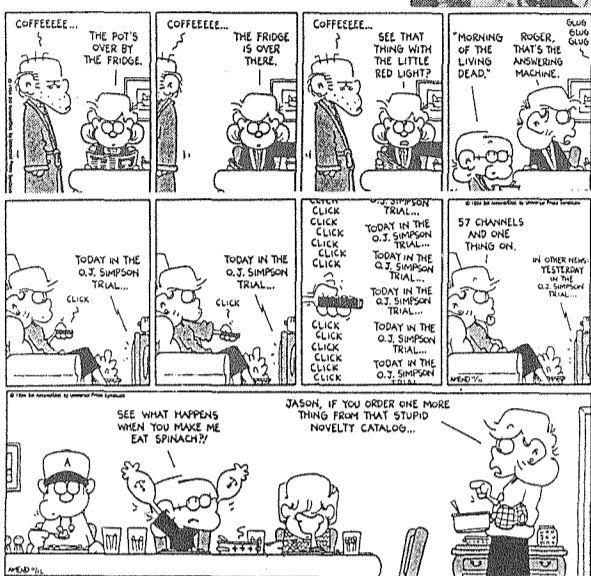
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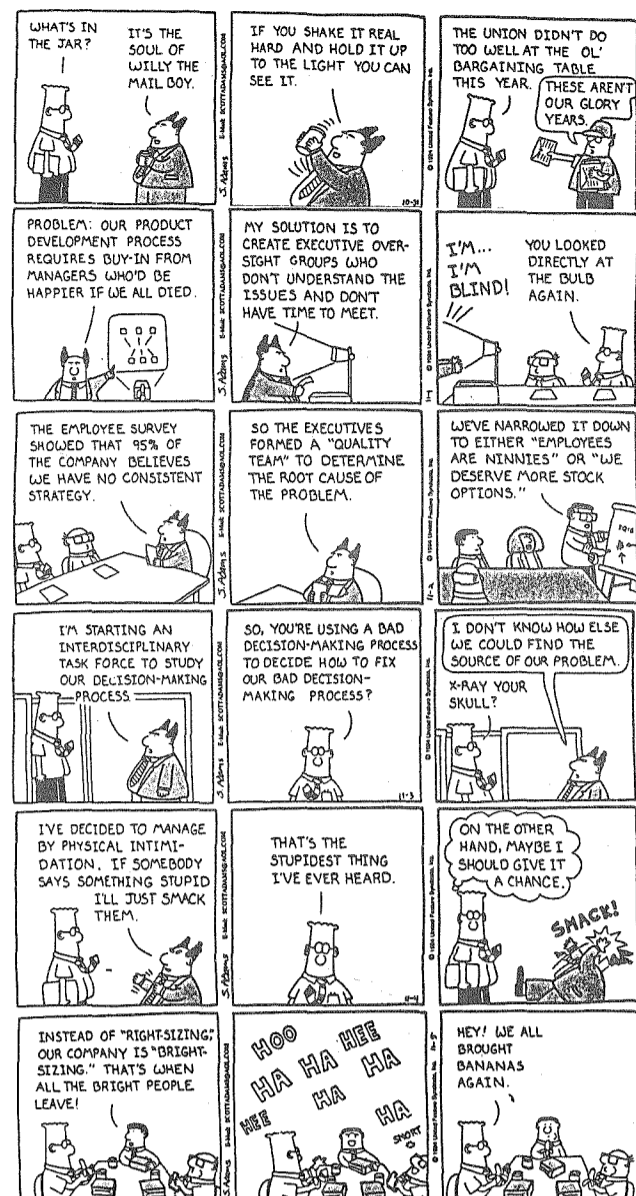
Thursday, Millikan Library was the site of the first Caltech Celebrity Fashion show featuring Caltech professors and personalities. At right, Dr. Harry Gray, Professor of Chemistry and Director of the Beckman Institute, struts the Millikan walk in a Caltech rugby shirt by Barbarian. His outfit was much less revealing than others he has been seen in.



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\*\*\*Among the variable annuity accounts ranked by Morningstar: the CREF Stock Account was 1 of 12 growth-and-income accounts with 10 years of performance. Morningstar ranks the performance of a variable annuity account relative to its investment class based on total returns. CREF certificates are distributed by TIAA-CREF Individual and Institutional Services. For more complete information, including charges and expenses, call 1-800-842-2733, ext. 5509 for a prospectus. Read the prospectus carefully before you invest or send money.

CONTINUED FROM PAGE 1

A variety of special guests will be invited by Avery House to stay in the house for periods ranging from one or two days to perhaps several weeks, allowing for extensive interactions with students and others, thereby complementing the usual kinds of public lectures and

seminars. Some of the guests will be the subject of informative exhibits in the library/gallery, which will also have permanent exhibits related to entrepreneurship. A regular program of speakers, discussions, performances and social events will be scheduled in the various commons

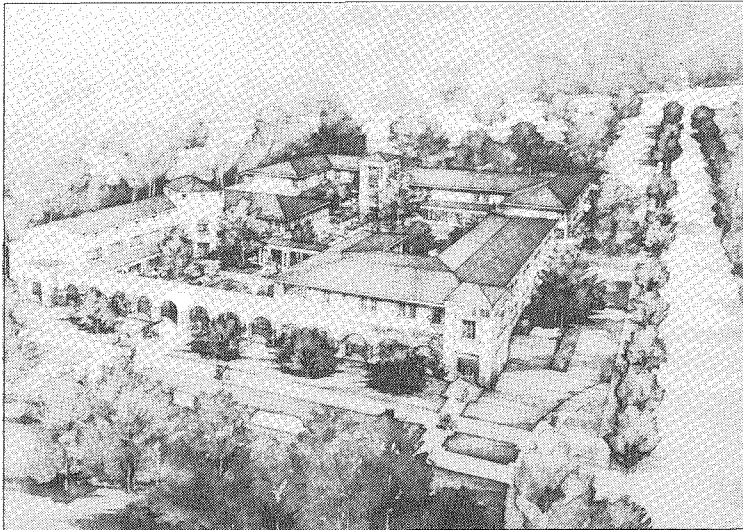
facilities and will be designed to attract not only Avery residents but also other members of the campus community.

The idea of enriching campus life by mixing undergrads, grad students and faculty in one house goes back at least to the 1960's, but it took clearer shape at an ASCIT/faculty retreat held at the Capra Ranch in early 1989. Many people have recognized that the social and intellec-

tual life of even a small school like Caltech tends to be limited by the natural habit of undergraduates to associate mostly within their own houses, graduate students within their own options, and faculty members within their own divisions. Avery House represents a conscious, focused effort to move people beyond those habits and to capitalize on one of the great advantages we have at Caltech — how

much we are all alike in our abilities, interests and values.

The pictures are based on full-color artist's renderings, which are on display in the Winnett office of Residence Life/Master of Student Houses. All loyal readers of the TECH are invited to drop in and have a look.



FROM GARY LORDEN

Artist's portrayal of a bird's eye view of Avery House.

## CAREERS IN INFORMATION TECHNOLOGY

Give Your Technical Skills  
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In today's global business climate, it is critical for companies to develop and maintain leading-edge technologies that help them make the most of every opportunity. At Morgan Stanley, our IT Department helps us apply state-of-the-art technology which keeps us in a preeminent position in the realm of international financial services. We are seeking 80 of the nation's top computer science/engineering graduates to bring their talents to projects of worldwide scope.

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- **TECHNICAL SERVICES:** for computer scientists interested in a corporation's technical infrastructure (Networking, Database tuning and UNIX administration)

We offer an extremely attractive compensation package, along with abundant opportunity for professional reward. Discover the world of difference Morgan Stanley can make in your future.

We cordially invite you to submit your resume to the Career Development Center. Please join us for our presentation on November 10th - 4:00pm, in the Student Activities Center, Room 35. Interviews are scheduled for November 11th.

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**PAIRGAIN**

Providing a new twist in copper.™

PairGain Technologies, Inc. will be hosting a

# Tele-comm TECHNOLOGY DEMONSTRATION AND PIZZA

on the CalTech Campus

Wednesday, November 16 from 4:00 to 6:00 PM.

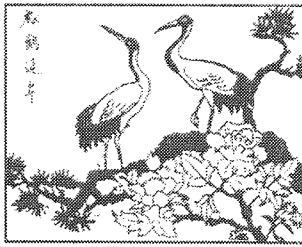
The location will be Room 15 of the Student Activities Center.

We will demonstrate our Digital Subscriber Line technology transporting compressed video images over twisted pair copper.

PairGain Technologies is a fast growing \$50M per year telecommunications company currently located in Cerritos but moving in January 1995 to Tustin. We are the fastest growing high technology company in the United States in 1994. PairGain designs and develops its own VLSI chips and complete systems for very high speed communications products sold worldwide. We dominate our market with better than 80% market share. PairGain is interested in hiring CalTech students and graduates for intern and full-time positions in Electrical Engineering and Software Engineering.

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The Schlumberger Companies value individual initiative. If you'd rather lead than follow, and enjoy the

recognition that goes along with taking responsibility for the work you direct, contact us today. We'll give you the support, training and opportunity you need to meet the challenge.

**Please Note:**  
Information Meeting open to all interested students. Your attendance at the Information Meeting is a prerequisite to your interviewing process. Please attend. Refreshments provided! Casual attire.

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### INFORMATION MEETING:

Date: November 17  
Time: 4:00pm-6:00pm  
Place: Student Activity  
Center,  
Room 15

### INTERVIEWING: Date: November 18

## S &amp; M

by Sharon and Marc

Well, it's that time of year again. The days are getting shorter, the air is getting colder, and babies are being kissed. Yes, it's election time! And in the spirit of campaigning, we're writing a wordy, long-winded diatribe covering every issue and candidate. We analyze the propositions in such a clear and insightful way that everyone can understand it. Each of our recommended candidates for office has been thoroughly researched, and meets our excessively strict qualifications for the job.

This column will thrill you with the wonderment of our great country's electoral process, and compel you to involve yourself in the truest form of democratic participation, the casting of one's own vote. You will swell with pride at the sense of contributing to the future direction of our state and our nation. And we'll be right there with you, not only as mentor and

guide, but as a fellow citizen of these United States of America. Together, we'll delve into the ... what's that? There's only space for 200 words in our column this week? Oh. Hmmph. Well, to summarize, "Vote early and vote often." Wait, that's not right. Oh, heck. See you Tuesday!

## YNEWS

by Topher Hunter

This Saturday, the Y presents "You Laugh, You Lose," a comedy game show, for your entertainment. If you can withstand their comic pummeling without laughing, you get to spin the money wheel, winning up to \$200! The fun begins at 7:30 in Winnett Lounge. After splitting your sides, unwind with this week's SNAM (Saturday Night Alternative Movie), the classic "name that star" movie, *American Graffiti*. It will be showing at 10 P.M. in the Y lounge. Admission is free. (But if you win the cash, the food is on you!)

I've got this announcement here about some kind of event, but hey, I don't think any of you would be interested in it. It's... broom-cricket? Vacuum-ball? No: it's Broom-ball! That's right, signups will be out soon for the year's first broom-ball competition. Ice times have changed a little, though, so make a note: we'll be playing on Friday, November 11 from 1:30 to 6:45 am. Drop by the Y for information, or call Chris at x6164.

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## MULTIMEDIA SPECIAL

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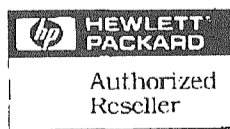
- "GREEN" Mother Board
- Pentium (P24) Ready, w/ZIF Socket
- 256K Cache
- 4MB Ram exp. 64MB
- 420MB Fast IDE Hard Disk
- VESA LB IDE Controller
- VESA LB accelerated SVGA w/1MB
- 14" 1024 NI .28 "Energy-Save" SVGA
- 101 Enhanced Keyboard
- 3 Button Mouse
- Mini Tower w/230W "UL" P.S

Pentium 90MHz : \$2050

486DX2-66MHz PCI \$1450

486DX2-66MHz VESA \$1025

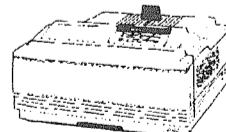
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- IBM 486/75MHz w/Math & CPU ..\$285
- VESA 486DX2-66MHz w/o CPU ..\$115
- PCI 486DX2-66MHz w/o CPU ....\$195
- Pentium 66MHz 256K, w/o CPU ..\$215
- Pentium 90MHz 256K, w/o CPU ..\$325

- Monitor
- 14" 1024 .28 NI SVGA .....\$235
- 15" 1280 .28 NI LR SVGA .....\$315
- 17" 1280 .26 NI LR SVGA .....\$650

- Fax/Modem
- 14,400 (Int.) .....\$75
- 28,800 (Int.) .....\$215
- 14,400 (Ext.) .....\$95

- Mouse
- Microsoft serial mouse .....\$39
- Compatible 3 button mouse ....\$15
- Microsoft bus mouse .....\$65
- Compatible trackball .....\$35

## CLASSIFIED ADS

## MISSING! -

TWO ARTIFICIAL BOULDERS were taken from the Holliston parking structure. They are desperately needed for this weekend's TACIT play. Please return them—no questions asked—as soon as possible!

## FOR SALE -

MAKE PCBs with your laser printer. Fast! Easy! Economical! Call (800) 251-7776.

## FUNDRAISING -

FAST FUNDRAISER—Raise \$500 in 5 days. Greeks, groups, clubs, motivated individuals. Fast, simple, easy—no financial obligation. (800) 775-3851 ext. 33.

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MULTIMEDIA CD-ROM COMPANY seeks campus representative/promoter for hot new ski CD-ROM. Earn 25% commission. Call (800) 99-SKICD.

\$1500 WEEKLY POSSIBLE mailing our circulars! No experience required! Begin now! For info call (202) 298-8935.

TRAVEL ABROAD AND WORK. Make up to \$2,000-\$4,000+/month teaching basic conversational English in Japan, Taiwan, or South Korea. No teaching background or Asian languages required. For information, call (206) 632-1146 ext. J59551.

## SERVICES -

LICENSED DAYCARE IN ALHAMBRA. Experienced caregiver with M.A. degree in child education. Specialized for early cognitive development of young children. Safe & clean environment. CPR certificate. (818) 458-9059.

RATES .....\$4.00 for first 30 words; .....10c for each additional word. Send written ad with payment to 40-58. Deadline is 6 p.m., Monday before issue. No charge for on-campus lost & found.

School PO,s are welcome! Fax us your PO, and we'll prepare your order upon approval by our financial department. It's that easy!  
Leasing program available - 90 days same as cash! Ask our sales person for details.  
All prices reflect a 3% discount for purchases made with cash. There are no discount for sales made with credit cards.

## Notices

♣Care to Tango? Every Tuesday in December there will be tango classes held in Dabney Lounge sponsored by the Caltech Folk Dancers. No experience or partner is necessary, and everyone is welcome! Classes begin at 7:30 p.m. Call (818) 797-5157 for more information.

♣The Caltech Y presents "You Laugh You Lose! Comedy Game Show on Saturday November 5th at 7:30 p.m. in the Winnett Lounge. The object of the game show is to survive one minute of comedy without laughing. If you survive, you get to spin "the comedy cash wheel" and win up to \$200! All contestants get free T-shirts, and the event promises to be all its cracked up to be, so come down and take part!

♣The Los Angeles Free Clinic is seeking volunteers to serve as mentors for homeless and high-risk youth in Project STEP (Short Term Employment Project). Project STEP is the only employment program for homeless youth in Hollywood and is looking for stable, responsible adults who can commit one hour a week to talk to a young person trying to his or her life around. Spanish-speaking mentors are particularly needed. For more information, please call Craig Fleishman at (213) 653-8622.

♣The Caltech Muslim Student Association will hold Muslim Friday Prayers weekly in the Y-lounge at 12:40 p.m.

♣To the Faculty and Staff: Share this year's Thanksgiving Holiday with Caltech's international students at your home. International Student Programs is assisting the Caltech community in arranging Thanksgiving dinners for international students at the homes of faculty and staff. We encourage you to take this occasion to get to know our students and appreciate the unique culture they bring in your community. If you are interested in hosting a student please contact Chris via e-mail, [Chris@pcmail](mailto:Chris@pcmail), or call x6330 by November 18, 1994.

♣"Take a Break and Spend Some Time with Friends." The office of the International Student Programs would like to invite you to our Open House for coffee, tea and conversation. Every Wednesday from 4:00 p.m. - 5:30 p.m. at the office of International Student Programs, Olive Walk. Open to the entire Caltech community.

Flu Shots—The Health Center has arranged to offer flu shots to students. People in this age group are not generally thought to be at risk unless chronically ill, but because of the high stress and close living conditions at Caltech these are risk factors to be considered. Dr. Miller also wishes to remind students that flu shots are a preventive measure and need to be given 6 to 8 weeks prior to the time of a predicted outbreak in order to be effective. The flu shot is of no value once the symptoms have developed. The best time to be vaccinated is between Oct. 3 and Nov. 15. Shots given during this shot should provide maximum protection throughout the entire flu season. Cost for this service is \$5, which may be charged to the student account. Flu shots will be available to students only.

Give Blood—Two-day blood drive in the Winnett Student Lounge, Monday, November 21 from 9:15 - 2:30 and Tuesday, November 22 from 12:15 - 5:30. Please contact Veronica Kirton at x6374 for an appointment, although walk-ins are welcome.

## Work Study Job Openings

Work-study wanted for general office support and data entry. Ten (10) hours per week in the International Student Program's Office. \$7.00 - \$8.50 an hour. Please inquire via e-mail to [chris@pcmail](mailto:chris@pcmail).

The Office of Public Events is looking for more student ushers for events in the Beckman and Ramo Auditoria. Hours will vary. Please respond to Ram Basu at x3667 or [rb@ommo](mailto:rb@ommo).

## From the Counseling Center

Attention Women Graduate Students—A new women's group is forming designed to help women examine a range of issues relevant to their lives and experiences. We will explore the barriers for women in achieving success, balancing career and personal goals, and challenges in professional or personal relationships. These



# Events and Notices

♣ denotes a new announcement



and other concerns raised by group members will be discussed in a confidential group setting over the academic year. Each group member needs to meet with the group leaders for a pre-group interview. If you would like more information or to schedule a pre-group interview, please contact the Counseling Center at 818-395-8331. The group will meet weekly on Tuesdays at the Counseling Center beginning late October.

The Gay, Lesbian and Bisexual Support Group meets the first and third Tuesdays of each month at 7:30 p.m. in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation—including coming out, being out, self-discovery, coping with families.... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call 395-8331.

## Coming Events

"From Plains, Pueblos and Tundra." Beckman Auditorium, on Friday November 4th at 8 p.m. Native American music and dance is offered by the Cellicion family from the Zuni tribe of New Mexico, the Locke family of the Lakota tribe of the Great Plains and Chuna of the Yup'ik tribe along the Bering Seas. Cherokee storyteller Gayle Ross will serve as master of ceremonies. Admission: \$8.00 for students beginning one-half before the performance. Call extension x4652.

Frances Black, Beckman Auditorium, November 5, 1994 at 8 p.m. This Irish folk singer, whose style is heartfelt and romantic, is making her debut solo tour of the United States. Admission is \$8.00 for students willing to come half an hour early. Call extension x4652 for more information.

Opera Fans and Singers: The Metropolitan Opera National Council Western Regional Auditions Finals will be held at Bovard Auditorium on the USC campus on Friday evening November 11th. The program which begins at 7:30 p.m. will showcase some of the most promising young opera singers of the West. Winners selected at this exciting competition receive cash awards and opportunity to advance to the national finals competition next spring in New York City. Finalists compete before a panel of distinguished judges from the world of opera in really nice tuxedos. So if you love singing or listening to Opera, tickets are \$15.00 and may be ordered by calling USC Cultural Events Ticket Office, (213) 740-7111

## Free Tickets and Stuff

♣"Challenges Facing the New South African Government: A Lecture by Tandi-Luthuli-Gcabashe, Director, South African Peace Education Program" International Student Programs invites the entire Caltech community to this lecture on Wednesday, November 16, 1994 at 5:00 p.m. at the Beckman Institute Auditorium. You are encouraged to take part in the discussion which will follow the lecture. Refreshments will be served afterwards. For more information call x6330.

♣Dr. Leonard Pronko of Pomona College will be holding an exciting lecture and demonstration entitled "Kabuki: Japan's Total Theatre" in the Judy Library on Tuesday November 8th at 4:00 p.m. The seminar is open to the Caltech campus.

♣On Sunday, November 13th, the Vikarbo Chamber Ensemble will give a concert at Dabney Lounge at 3:30 p.m. This Paco A. Lagerstrom Chamber Music Concert will feature works by William Grant Still, Antonin Dvorak, Max Bruch, and Maria Newman. Admission is purely free. Call x4652 for more information.

The Britten Quartet will give a Coleman Music Concert on Sunday, November 6 at 3:30 p.m. in the Beckman Auditorium. Included on the program will be Ravel's Quartet in F major, Britten's Quartet No. 2, and Schubert's "Death and the Maiden" Quartet, promising to be a performance to die for. Only fifty free tickets to these concerts are available to Caltech students with current I.D. (limit two free tickets per I.D.) and are available at the Caltech

Ticket Office, located just north of the Beckman Auditorium parking lot, beginning October 31st, respectively. The tickets are normally sold for a range of \$22.50 to \$12.00, so rush on down to the ticket office now.

The Caltech Occidental Concert Band will present a concert on Saturday, November 19 at 8:00 p.m. The performance will include a guest performance by soloist Robin Reed who will sing well known arias from famous operas, including *Pagliacci*, *Rigoletto*, and *Tosca*. The concert band will be featured in music from around the world. Admission is free and open to the public, and there is also free parking near the auditorium. For further information please call extension x4652

## Club Announcements

The Caltech Ballroom Dancing Club meets every Thursday (except Thanksgiving Day) at 7 p.m. in Dabney Lounge for a 90-minute ballroom dance lesson. No previous dance experience is required for this free class. Experienced dancers meet every Sunday at 1:30 p.m. in Winnett Lounge for a two-hour intermediate ballroom dance lesson. For further information, please send e-mail to [therman@arnu.gps.caltech.edu](mailto:therman@arnu.gps.caltech.edu).

Electric Car Club wants to announce that The LA Chapter of the Electric Automobile Association will hold its monthly meeting on Saturday, Nov. 5th, at 11AM in Winnett Lounge. Anyone interested in electric cars is welcome. This month Ken Koch, who runs a business for converting gas cars to electric, will discuss the latest in electric car accessories. Several members drive their electric cars to the meetings, and will park outside the Y. We are always happy to show them off and answer questions before and after the meetings. The meetings are always on the first Saturday of the month, same place and time. Do you part to clean up LA's air—get involved! For info, contact EAA president Irv Weiss at 841-5994 or give Steve Potter a call at extension x6787.

OASIS, the Organization for the Advancement of Space Industrialization and Settlement (A Chapter of the National Space Society), invites you to their seminar "Amateur Space (or Let's Build a Rocket in the Garage!)" on Saturday, November 19, 1994 at 7:00 to 8:30 p.m. in the Von Karman Auditorium. Jet Propulsion Laboratory. For over 30 years, space exploration has been dominated by governments and large corporations. Now low-cost computer, microelectronic, and materials technologies put space within the grasp of the amateur. Members from local amateur space groups will discuss their work in this field and show hardware and videos of flight and ground tests. Topics will include: Why Go Into Space? Financing: How are we gonna pay for this stuff? Safety, and Legal Requirements. Admission is free, though donation will be gratefully accepted; children are welcome. For more information, call the OASIS Hotline: (310)364-2290

The Caltech Swedish Club will meet at 3 p.m. on Sunday, the 13th of November, at 200 S. Catalina apt G. Anyone interested in Scandinavian culture or in speaking Swedish is welcome. For more information, please call Rustan or India Leino at 584-7162 (or email [nutan@ci](mailto:nutan@ci)), or Matt or Karin Johnson at 568-8596 (or email [mj@caltech.edu](mailto:mj@caltech.edu)).

## Internships and Competitions

The Sacramento Bee, a 270,000 circulation McClatchy newspaper located in California's capital city, is offering summer internships in reporting, sports, copy editing, photo-journalism and infographics. The internships are full-time for 12 weeks and pay \$375 a week, though you'll be responsible for your own housing. Apply by December 1, 1994 for internships in News, Sports Reporters, Copy Editors, Photographers, and Graphic Artists to The Sacramento Bee, P.O. Box 15779, Sacramento, Ca. 95852 or call (916) 321-1001 for more information.

The 1995 Elie Wiesel Prize in Ethics Essay Contest, with awards totaling \$10,000, is now open to junior and senior undergraduates who are enrolled full-time at an accredited college or university in the United States. The deadline for submitting an original 3,000-4,000 word essay is January 13, 1995. The theme for this year is: "Creating an Ethical Society: Personal Responsibility and the Common Good." For entry forms and guidelines contact: The Elie Wiesel Foundation for Humanity, 1177 Avenue of the Americas, 36th Floor, New York, NY 10036. Phone: (212) 221-1100.

## Fellowships and Scholarships

♣The National Academy for Nuclear Training announces its Scholarship Program Competition. Academy scholarships are awarded on the basis of merit to students with a demonstrated interest in, and potential for, a career in the nuclear power industry. Approximately 125 awards of \$2,250 each will be made to students who are currently pursuing a bachelor's degree in nuclear engineering, power generation health physics, or a nuclear/power option in a discipline such as chemical engineering, electrical engineering, or mechanical engineering. Application materials must be postmarked no later than February 1, 1995.

♣The James Madison Memorial Fellowship Foundation has at least one \$24,000 fellowship available in California for master's level graduate study of the framing, principles, and history of the Constitution by current and prospective secondary school teachers of American history, American government, and social studies. The fellowships are available to U.S. Citizens or permanent residents who are either college seniors or master's level graduate students and are pursuing one of the following degrees: MA in American history or political science; MA in Teaching in history or political science; or a related master's degree in education that permits a concentration in American history, American government, or social studies. For additional requirements and for information on how to apply, come to the financial aid office, or write to the James Madison Fellowship Program, P.O. Box 4030, 2201 North Dodge Street, Iowa City, IA 52243-4030. Completed applications must be received by March 1, 1995.

♣The American Electroplaters and Surface Finishers Society is offering scholarships to upper class undergraduate and graduate students who are interested in careers in the surface finishing field. This includes those majoring in the fields of Chemistry, Chemical Engineering, Environmental Engineering, Materials Science, Materials Engineering, Metallurgy, or Metallurgical Engineering. Applications and all requested documents must be postmarked by April 15, 1994.

Undergraduate Scholarships for Study Abroad. The National Security Education Program (NSEP) provides scholarships to freshman through seniors who wish to pursue undertake serious study in foreign countries as a complement to their U.S. academic and career goals. Foreign language study is required for all study abroad proposals. Students may not study in Canada, Australia, New Zealand, or Western Europe. Applicants must be U.S. citizens. Freshman and sophomores may study during the summer of 1995. Sophomores, juniors, and seniors may study in the fall of 1995 or spring of 1996. All candidates must have a campus interview with the NSEP advisor, Lauren Stolper. Contact Lauren for applications and information: ext. 2150 or email [Lauren\\_Stolper@starbuel.caltech.edu](mailto:Lauren_Stolper@starbuel.caltech.edu). Please come by the Fellowship Office in the same building as Lloyd House to review an application. The campus application deadline is Monday, November 28. All application materials must be turned in to Lauren Stolper.

NSF Fellowships. NSF fellowship applications are available in the Fellowship Office in Lloyd House and in Career Development. Note that NSF Fellowships can be used to do graduate work abroad. Call Lauren Stolper at x2150 if you have questions. The postmark deadline for part 1 of the NSF application is November 4, 1994. This is a short application. Upon receipt NSF will send you part 2 which is due on December 2. Seniors and 1st year grad students are eligible to apply. Must be U.S. citizen.

NDSEG Fellowships. The National Defense Student Educational Grants are sponsored by the Dept. of Defense and are very similar in value and requirements to the NSF awards. No military service is required to win these awards and they can be used at any U.S. university. The application forms for these awards will be available from the Fellowship Office in late October or early November. Seniors and 1st year grad students are eligible to apply. Must be U.S. citizen.

Josephine De Karman Fellowships provide ten \$6,000 fellowships. Students in any discipline (graduating seniors who

will start grad school next fall through grad students who will be entering their final year of study in 1995 -no post-docs) can apply. The grant is for one year only. While special consideration is given to students in the humanities only a small group of universities are invited to have their students apply for this award so scientists/engineers are competitive. Note that international students already enrolled at Caltech as undergrads or grad students may apply. Applications must be requested by each individual in writing by January 15, 1995. Send your request for an application to: Mrs. L. Hays, Secretary, Josephine de Karman Fellowship Trust, P.O. Box 3389, San Dimas, CA 91773. Application postmark deadline is January 31, 1995. So request an application now. Don't wait until the Jan. 15 date as you'll have to rush to complete the application.

The Los Angeles Chapter of the Data Processing Management Association (DPMA) is offering at least one scholarship for \$1000, provided by the Bert A. Monaghan Scholarship Fund. Eligible students must be majoring in Computer Science, must have filed a FAFSA application and have demonstrated financial need. Application forms and guidelines for additional requirements are available at the Financial Aid Office. Completed applications must be received at the Financial Aid Office at 515 S. Wilson no later than 5:00 p.m., Wednesday November 23, 1994.

The American Concrete Institute (ACI) is offering several awards. The Peter D. Courtois Concrete Construction Scholarships are two \$1000 awards for undergraduate study in concrete construction for the 1995-96 academic year. Eligible students must be enrolled at least half-time and must be seniors in 1995-96. The application, available at the Financial Aid Office, with all required supporting documents is due January 10, 1995. ACI Committee is also offering one ACI-James Instruments Student Award in the amount of \$800, for original student research on nondestructive testing of concrete. Applicants must submit a technical paper describing the research. The award is open to undergraduates or graduates, and the research work must have been completed within two years of the submission date. Completed technical papers must be received by ACI Committee no later than November 30, 1994 at the following address: c/o Dr. Allen Davis, STS Consultants Ltd., 431 South 300 East, Salt Lake City, UT 84111. ACI is also sponsoring three different competitions: the Concrete Cube Competition, the Concrete Egg Protection Device Competition, and the Concrete Projects Competition. For complete rules, call the ACI Education Department, at (313) 532-2600.

The Association of Former Intelligence Officers San Diego Chapter 1 announces the establishment and offering of the Annual Lieutenant General Eugene F. Tighe, Jr., USAF, Memorial Scholarship. The scholarship is in the amount of \$1000. It will be awarded based on the judged quality and suitability of a 1,000-1,500 word essay on the topic of: What role should the United States Government's Intelligence Community play in supporting American business interests worldwide? Completed applications/essays must be postmarked no later than December 15, 1994.

Glamour Magazine announces its 1995 Top Ten College Women Competition. Scholarships are in the amount of \$1000. Winners also receive national recognition in Glamour's October 1995 issue, and the opportunity to meet with top professionals in their fields. Women who are full-time juniors for the 1994-95 academic year are eligible to apply. Applications are due January 31, 1994.

The American Scandinavian Foundation of Los Angeles (ASF/LA) is awarding four \$1,000 scholarships to undergraduate and graduate students with a demonstrated interest in Scandinavia. Applicants must have strong academic qualifications and must show financial need. Two letters of recommendation, appropriate transcripts, and the completed application are due by March 15, 1995.

To receive information on the following, contact the person or organization indicated.

It's Friday, so my suggestion to you is this: Don't get drugged. Don't get stoned. Stay away from those nasty chemicals. Treat yourself with respect. Treat your mate with respect. Treat Mr. Oliveri with respect. In plain English, don't sin.

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# The California Tech Part II

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Volume XI, Bass 11, Treble xi

Inside World

Friday, November 4, 1994

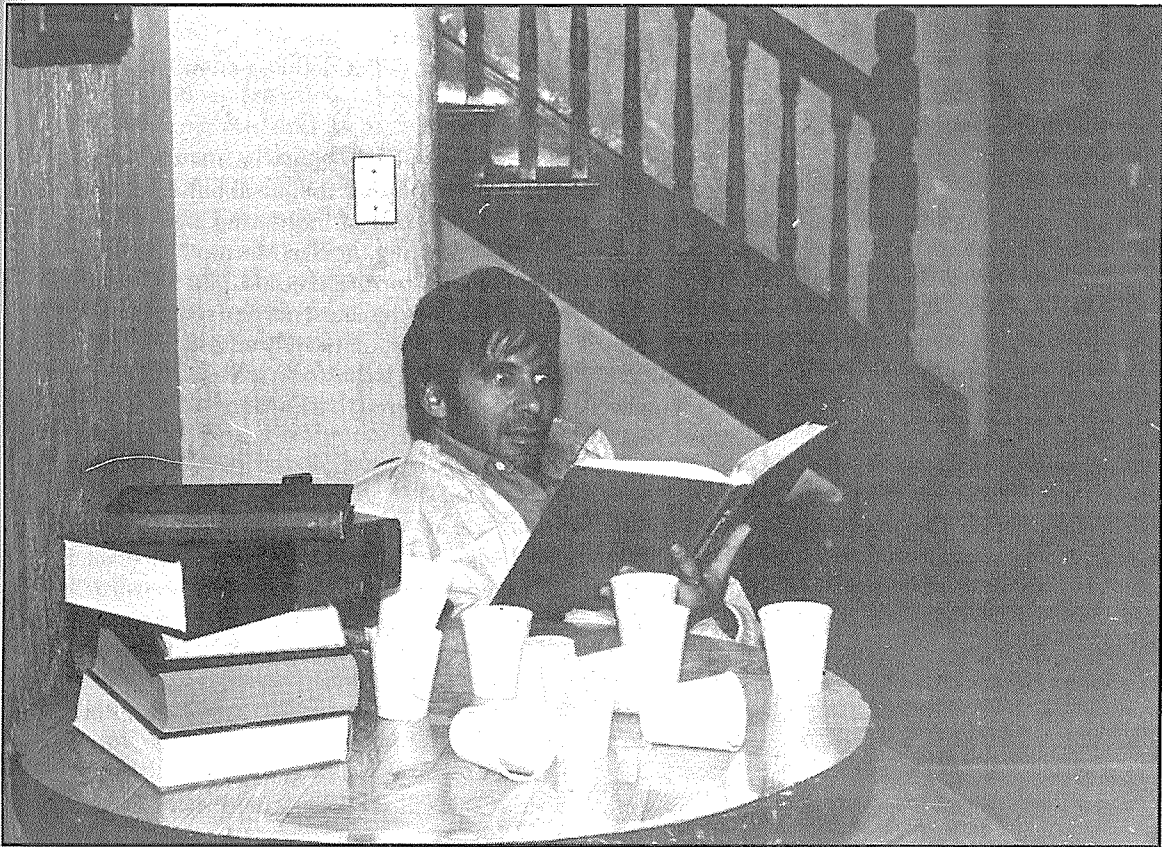


photo by Lucky

Did you remember to turn in your midterms?

## This is my submission for a Ricketts House IW

by Keith Counsell

It was quiet; too quiet for a Ricketts House Dinner. No one spoke a word, no one shouted for service, no waiters made witty small talk. Even the usual rattle of plates and silverware as our beloved housemates tried to shovel their food into their mouths before the Three-Note-Ring-of-Doom was mysteriously absent. Clearly, something was terribly wrong.

I quietly edged under the "Scurvy Princess" sign to one of the hallowed portals. Gazing past the usual crowd by the pool table/general storage area, I was demolished by the horrific scene which met my tender eyes. No rolls flew across the room; instead, the air

was filled with individually packaged condiments of some type. Could they be Kimlan, that paragon of style, durability, and hang time? No! They were little packets of sugar! God, the horror, the horror! Somehow, my worthy friends had been transformed into yet more of those damn Moles.

Oh, tragedy of tragedies! What could we have done to bring down such punishment upon ourselves? Doomed to eternal dinners, denied the vital sustenance of aerodynamic starch, forced to serve the evil will of the Caltech Y. Surely, there must be some way to restore things to their natural order, but what could it be? Suddenly, a voice spoke to me from on high.

"Loser, my disciple, you must

bring about a return to those by-gone days of glory when rolls ruled the dining hall. You have but to find a worthy and cooperative accomplice to aid in your task. Go forth, and do what is right for my House. I grant you my blessing and the power of my servant Chad. Now go!"

I had been touched by the hand of L.D., and my course was now clear. Only one task remained: I had to select someone to hit with a roll. Surely, that was what the voice had meant by accomplice. As I scanned the room my eyes lit upon the obvious choice. Providence had smiled upon me, for none other than Sham Kakade, House Target, had foolishly (foolishly, I say, for

continued on page B

## Hello, Welcome to Glom Central...

by Dave Relyea

So Rotation ends, and all the Frosh are standing around Lower Crotch (there *are* chairs, frosh). "Come on, give us the dirt on all the other houses!" What? They're all fine houses. The frosh just *wouldn't* believe me, though. So we waited for awhile—a few more upperclassmen showed up and agreed. What's with these frosh? Finally, my roommate, Tom Maccarone (Sir Clue!) shows up, and being a perma-frosh, he was inclined to submit to their ravings. "They're all fine houses," he replied, "especially Page." My guess is that Page is, well, the finest of the fine houses. Cultured like a fine wine (so to speak). Or even a good, old cheese. Isn't it funny? Alcohol and cheese describing the same thing.

So what happened to Head? Brian and Jose still live there—so it hasn't lost much. Tom didn't pick in because, let's face it, Maccarone and cheese isn't a great idea. Last year—alcohol. This year—well,

let's get an overall picture of the house before we delve into such subtleties.

"Thank you for calling glom central. For class schedule information, press one. For room number, press two. For off-campus information, please dial a quad. For short, Asian women, dial Z. If you're interested in our bargain rates, dial 115. Otherwise, please hold, and your call will be answered shortly." Riiiiight. Who *are* all these male frosh? I think I've seen representatives from all seven houses. Get serious, guys. They hang around all the time (in certain rooms whose identities shall not be revealed, save that it would be easier to put bigneon lights outside Lloyd, preferably in front of the International Students' Lounge, stating "THIS WAY TO ROOM —GREAT SEATING!"), and they're persistent. They sit on the floor, talking to the one or two women in the room, unless both women fool them and leave, forcing them to glom the desk, or even each other. They never really leave—I haven't

seen them at dinner yet, but who knows? Maybe we should make them take a number, or pay glomming fees. Tommy, are designated glomming tables at dinner OK? Beats the frosh in the library or computer room though. What's with these frosh?

Ahh, the computer room. It has smells just like the ones that used to surround Grandma. Of course, she's six feet under right now, but at least that doesn't ruin my analogy. What the hell? I wish we could install a sprinkler system to periodically bathe these Mac and IBM inhabitants (like those people, in EVERY house, who might as well have used Jorgensen for their roompick). Unfortunately, this would interrupt the DOOMfests and stimulating conversation that motivates their every waking thought. It even might stop them from *talking* and *singing* to themselves. The horror! The horror!

Unfortunately, we have a problem. This year, it seems, wonderful people (frosh) from other houses

continued on page C

## IHC remains in Dabney House

by Carrie Griffin

Disappointed and out of ideas, Glacier Boy stumbled down the stairs. He had been so close to getting a story, but the mysterious author had disappeared back to reality before he had a chance to tell the Glaysch. He kicked around some of the gooey palm berries and vindictively tore off a flyer from one of the nearby pillars. Clue Boy had long ago lost interest and was busy trying to climb the stairs while balancing on a big wooden cable spool. Then Glaysch did the only thing he could do.

He went to check his e-mail.

The floors shook as he climbed the stairs to the library. At first, it seemed just like another earthquake, but then he realized that his clothing was vibrating as well as the windows, and he guessed what was happening just as he threw open the door to the library.

The floor was knee-deep in books, the table piled high with more books and old Coffeehouse plates and glasses of water and half-finished Coke cans. Wrappers littered the floor around the garbage can, and the only clear place in the room seemed to be inside the garbage can. Half-finished ice cream cones dribbled on top of the computers and paper cups full of flat Sprite slowly leached the deadly sugar water onto the computer table, forming large, viscous pools that threatened to swallow the unwary pencil or disk.

The whole room shook, like an epileptic in the throes of some horrible seizure gasping for breath: books vibrated off the shelves and crashed down on anyone unwary enough to stand in one place, which was, of course, impossible, considering that the floor didn't stay in one place.

Above it all, grinning like a madman, eyes closed, head thrown back in ecstasy while the vibrations rearranged his molecules, stood Zito. The discordant noise crashed around him like he was some solitary rock in the middle of a sound sea. CD cases lay piled around him and the CD player was all but covered with the gleaming discs—Cypress Hill and the Beastie Boys and a million others—their titles screaming out while

Zito presided over it all, towering godlike over his minions.

**"LIVING AT HOME IS SUCH A DRAG YOUR MOM TOOK AWAY YOUR BEST PORNOMAG"**

Glaysch climbed over the piles and plopped down on the couch. Alan was sitting on the next computer over, posting obscure messages to an even more obscure newsgroup. Glaysch whipped out his Joshua Tree CD, glanced at the middle picture in the booklet, looked hard at the picture, then at Alan, then shoved the booklet and a pen at Alan.

**"BAD MONKEY! BAD MONKEY! BAD MONKEY! BAD MONKEY!"**

"No, you gimboi! Not me, him!" yelled Bono, uh, Alan and tossed a hand across the table. A man who looked strikingly familiar looked up, caught the hand, tossed it back, and went back to typing. Glaysch, realizing that electronic signals would be better understood than audio, used the computers to type to alan. "hiya fruitcake!" he typed.

"when're you going to fix trotsky's colors" alan responded.

"You got the vocab, I got the vocab"

"oh, when i feel like it maybe."

"you smeghead fix the smegging colors!!!!!" alan's wrath was kindled now, ever since the diamonds on xjewel had turned a sickly green and the rubies were now puke brown.

"i hear ya fruitcake!"

"please please please please" alan whined electronically.

"All I really want is girls"

Glacier Boy's attention snapped to other things as a particularly decibel-rich bass line shook a few rather thick copies of *Moby Dick* off the shelf above his head and almost squashed him as he dived to the side. He looked up at the screen in front of his face. It was not his own. It was displaying the familiar nethack screen and when Glaysch looked whose lap he had settled in he was horrified to see a human face staring out of the couch, the face's features covered in upholstery, little tendrils of plastic creeping over its chest, lovingly

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## The California Tech

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## letter to the editor

Dear Editor,

Just the other day we were walking down the Olive Walk, trying to think of someplace really fucking cool to go. Then we figured, hey, any house with a huge fucking red cannon has to be cool....

As we went under the arch proudly proclaiming this the house of kings, we were distracted by a loud hum—must be those butt-awesome always-full Coke machines. Too bad we didn't have 40 fucking cents between the two of us, and there just wasn't anyone around to give it to us. Ignoring our overpowering thirst with the thought of a fucking cold beer in the near future, we went on into the lounge and enjoyed the relaxing classical atmosphere.

"Hey, Stace, wanna play pool?" Coop asked.

"Why the hell not! It's not like anybody else is," she said, stepping over the books and pencils on the coffee table. "Got a stick with you?"

Stacy started to rack the balls, then stopped. "Did you steal the 8-ball again?"

"I thought Art turned it in with his 95," Coop said. "Guess he didn't get it back. Besides, we can just use one of the other extra balls lying around."

"Fuckin' A!!! Where's that raspberry-scented chalk?" Stacy yelled. "All we have is this crappy blueberry shit."

"Excuse me, can you help me?" We turned to see some poor lost soul (frosch A) with a book in his hand and tears running down his face. "I just can't seem to figure out this derivative. I already talked to the prof and the TA, and they both tried to help. I just don't know what to do—I got a 1450 on my SAT, and I was really smart in high school, and I took LinAlg, and...."

"PASS FAIL, frosch" we both exclaimed. "You want help—we'll fuckin' help you. Get us some beer and we'll do your pansy-assed homework. Just make sure it isn't that shitty domestic crap, and it sure as hell better not come in a can, unless you want to be pulling it out of your ass."

"Beer? What's beer? Is that a new Snapple flavor? Don't think I've seen it before. That's not alcohol, is it? My parents strictly prohibit me from consuming alcoholic beverages, and besides, don't we have the Drug and Alcoholic Policy At Caltech? I think it's really neat how people don't drink around here...."

"Shut up, FROSH! Goddammit, what the hell is wrong with this fucking place? Ain't got no fucking 8-ball, no fucking cue stick, and this no drinkin', homework doin', lazy piece-of-shit bein' FROSH won't even get us a fucking beer! Next thing you know, we'll try to have a party and we won't be able to because they have to have quiet fucking hours! Fuckin' fuck fuck....Let's get the fuck out of here—maybe the rest of this place will be better...."

We headed up the steps to Alley 2—one of the loudest places on campus, or so we remembered from when we were frosh. Once we got to the top of the steps, some frosh bolted by us, punched in a combo with lightning speed and vanished behind a locked room. "Hell, must be a party going on in there," Coop said. We thought we'd go on in and take a look....

"Stace, get some fucking Lysol for this place. Needs disinfected," Coop said.

"SHHHHHHHH!!!!" frosch B said. "I'm trying to concentrate. I only need one more frag to catch up to him. If I can just get that monster gun over there...."

Oh, shit. We'd walked into the middle of a giant Doom-fest. Hadn't seen of those in quite a long time. "Well, you know, the optimum way to finish this level is to...." Coop smacked the poor frosh in the head and said, "Where the fuck is our beer? Now unglue your puny little ass from this chair and go get it! Fuckin' fuck fuck!"

"You know," Stacy said, "the last time I was up here was during finals week and people were actually doing work so they wouldn't get fucking butt-reamed instead of screwing around all the time. Besides, real beer is a hell of a lot fucking better than virtual beer. Let's get the fuck out of here before I suffocate from the fumes."

Walking out of the death-trap, we looked down the hall. "Well, at least some of the damn doors are open," Stacy said. "How bad can it fucking be?"

"Hey, I wonder if Ned's still around?" Coop asked Stacy. "Let's go find out...."

A door opened. "Hey, can you guys please keep it down out there? You really scared me, and I'm trying to read this book for class," whined frosch C.

"Shut up, frosch!" Stacy said. "Put down that fucking book of integrals. We're trying to have some fucking fun around this place. Why don't you get your sorry self a dictionary and figure out what hell that word means? And get us our goddamn beer!"

Tweet, tweet, tweet.... "What the fuck is that? Is that some more of those damn crickets?" Coop yelled.

"Actually, I think that's a bird," Stacy said.

"Haven't those Darb cats been over here yet?" Coop said. "Hell, they probably got some fucking disease and died or something like that."

Thud! Grrrr! Smash! Rip!

We stuck our heads in the other open door. "Oh, fuck! Not more fucking computer games! Goddamn sophomores, too. You'd think after a year they'd get a fucking clue that they can get a better damn room. Fucking A!!! They're a bunch of goddamn morons. Oh what the hell, those damn juniors did it last year, and they were really fucking cool...."

"I don't know Stacy," Coop said. "Still looks like an all-frosch alley to me. I sure as hell am glad I have a really good room. And it's all because I'm Vice President. Come to think of it...."

TOPTEN REASONS WHY IT'S COOL TO BE FLEMING HOUSE VICE-PRESIDENT

10. Everybody trusts me.
9. Since I don't have any work to do, I can sit on the Web for 9 hours a day.
8. I can break anything I want and charge the house for it.
7. Alley Dancing every Thursday night.
6. Living in the Alley of Joy—what more can I say?
5. Secret meetings with Kim West.
4. I get to organize Formal Meal all by myself.
3. If we had an election, I'd be voted "Most Popular Flem."
2. Those oh-so-productive Excomms
1. I get all the women.

"Well, you know Coop, I have a clear conscience. I voted for you... What the HELL is this!!!!" Staring down the cavernous hole of a fire code violation, "It's like one big fucking north house (page SUX!) alley!"

"Well, you know it IS on the agenda for the next Excomm to officially name this Alley Three-Four. That is the rumor that Lofly told me."

"How safe is it to walk through there anyway?? I'd hate to rip up my brand spankin' new, ass-kickin', flamin' red jersey just because I was too goddamn lazy to walk my ass down the stairs and back up again."

"Well, Stace, I have this theory... If we just consider the fucking wall to be there, maybe housing will decide that obviously rebuilding our wall is more important than say LLLLLloyd's computer room having fucking air conditioning! But then again it is just a thought and why would anyone listen to me. I'm just the fucking Vice-President of this goddamn house... You know at the rate this fucking house is falling apart, we might as fucking well smash the goddamn orange light for all the fucking use it's going to get."

After hauling our asses down the steps and starting up the next set on the way to the land of lizards, we noticed this huge stash of candy. Coop asked, "Do you think that it's okay to take candy from strangers?"

"Dumbass, those suckers and tootsie rolls are from the RA's. You remember Jim! He's that guy who can play any sport and ends up at all of the house events, you know like a real Flem would. Plus I'd take free food, beer, or fucking candy from any-fucking-body."

"Yeah, but you wouldn't eat those brownies at Whack-A-Darb last year."

"I'm not that stupid!!! Speaking of free stuff, isn't that ye olde BEER FRIDGE???"

Coop sighed over the injustices of life and Tech, "Sure as shit is, but there hasn't been any beer in there in quite awhile. There is such a thing as free pop though."

"I guess I could drink a fucking Diet Coke right about now. Since those three clueless goddamn frosh don't have a prayer of finding us beer in a fucking Liquor Mart much less on campus. When will they get a fucking clue?"

Crunch! Crunch!! Crunch!!!

"What the HELL is on the floor of this kitchen!!!!" Coop exclaimed. "Fuckin' cookie crumbs!!! Who the fuck made this goddamn mess!!!!?"

"Well, the last I checked you don't make cookies with onions and mushrooms, but then again after going to all those fucking TFM food meetings you can never tell what someone would consider appetizing."

Right then a god-awful spectre from Fleming's glorious past appeared right before our amazed eyes. It was our esteemed fifth year Montana boy, who has finally fucking managed to get a clue and a fucking girlfriend. "Hey, Lofly, this stupid-ass question came up the other night at dinner and I was wondering if you could answer it for me."

"Howdy, Coop, what is it?"

"You wouldn't happen to know who the fucking UCC is for lower Alley 5, would you?"

"Actually, I've been wondering about that too. If you find can fuckin' find him, tell the buttman to get that clueless fuckin' frosh to stop playing the Ride every half hour before he runs out of dry shirts. Hey, you guys wouldn't happen to have a spare beer for me, would ya?"

"Nah, but we've got three frosh working on it. If they ever come through for us, we'll pass along a fuckin' bottle to you," Stacy offered. "You wouldn't happen to feel like come along with us, would you?"

"I fuckin' wish that I could, but I've got to call fucking housing and get the number for this door repainted. Some asshole forgot to put the 72 up there after the 59. That is as soon as I find a goddamn alley phone. Hell, I also am trying to hunt the fucking moron who can't close the goddamn door when he drains his lizard. But let me know about that beer."

"Sure, Lofly. Buh-bye!"

We wandered out into oasis of green called the goddamn courtyard, only to see another fucking frosh. (For those of you ever-so-fucking-attentive readers out there who are keeping count that's four frosh)

"Uh.... Mr. Cooper, uh.... Mr. uh.... Vice President, I was uh.... wondering if I could, uh.... ask you something, sir?" stammered frosch D.

"What the fuck do you want?"

"Well, you see, sir, I was wondering if you could politely ask housing to put in some more fluorescent lights out here in the courtyard. You see, I really enjoy doing my homework out here in the fresh air at night...."

"Look, you shitty excuse for a Flem, I would never say a polite goddamn word to anyone, much fucking less to those morons in housing. Plus, you clueless fuck, this is 'the goddamn courtyard.' It's for getting ragin' drunk in and slam dancing at 3 in the morning. Why the hell else would the goddamn soc team leave the fuckin' g bars out here for?"

"Speaking of getting fucking ripped in the courtyard... where the hell are all the broken bottles that are supposed to fucking be here?" Stacy pondered.

"Well, uh...., sir.... er.... ma'am, there was all this glass on the bricks but my roommate and I came down here and cleaned it up this morning. We thought it was just disgraceful that intelligent people would be so destructive on public property...."

"Shut up, you damn frosh!!! You haven't seen destructive in your short, worthless, pissant life. But you sure as fucking will if you and your three goddamn piece-of-shit frosh friends don't get us our fucking beer!!" Stacy bellowed.

In the distance, a faint cry could be heard in the goddamn courtyard. "Beer!!!! Did they say that they wanted beer?" But no fucking beer appeared.

As we headed toward alley one, Coop brought up the worst fear of every fucking Flem. "At least there were no goddamn beached whales in the courtyard at this time in the fucking night."

Ahhhh, Alley One. If you listen real close, you can almost hear the leak downstairs. One of these days, somebody would have to do something about that and the rampant fucking hoards of roaches. Up the stairs....

Click! Click! "Ohhhhhhhhh! One-timer!!! Ahhhhhhhhhhh!"

"Hey guys, what's up?" Coop asked.

"Hey, Coop," said Greg. "You need a TV? We've got a couple extra lying around."

"That's OK. Got everything I need. Well, if I could just get my goddamn hands on a fucking beer..."

"Did you say beer? We've got some beer—brewed right here."

"American beer? Not quite what I had in mind, but I guess it'll do. What is it? MCD? Just as long as it's not that shitty Bud Light."

"That's not what I meant. HERE. Like in this room. Made it ourselves."

"Well, thanks. But since it didn't pass the Slovic & Daniels purity inspection, I think we're going to pass."

"OK, no beer. How about a VCR? Stereo? Microwave? Refrigerator? Laserdisc player? Sega? Phone? Computer? We'll trade you for our own fuse box."

"If you guys weren't trying to microwave everything in the fucking world, you wouldn't have that problem."

So much for Electronics Central. Ring... "That's one!!...ring....that's two!!...ring....Ohhhh! Fuck me! Will somebody answer that fucking phone! It's giving me a fucking headache! Why aren't the goddamn frosh doing their job? Fuckin' fuck fuck!"

About the time the phone finally stopped ringing, frosch E popped his head out the door. "What's all the noise about? I'm trying to do my homework in here."

"Don't do your homework, frosh!" Stacy yelled. "Ditch Day's tomorrow!!!"

"Wow, really?? Cool! I'd better go tell everyone else, so they don't do the homework either." And he ran off down the steps with a big smile on his face....

Stacy and Coop looked at each other, rolled their eyes. "You know Cooper, that was the fifth damn frosh that we've met tonight. And this goddamn moron ran off before we could send him on his fucking mission to find us some fucking beer." So we headed through the kitchen into Alley 6.

"Don't you live in this alley, Coop?" Stacy asked.

"Damn right I do. This is the greatest alley in the world. All my friends live here. Except for those off-campus fuckers....and Art, Keely and Lofly."

We looked into Room Texas. "Gee, what a waste of a great room," Stacy said. "An empty double, on the courtyard even. Hell, only six weeks in the goddamn term and they've fuckin' moved out already!"

"That's OK, Stace. My room's as big as a double, so I don't mind the extra person. I didn't think Circuit City 2 had room for another person, though. But since this room's empty, I can always use it in case my parents come to visit and need a place to stay. Maybe I can put a bunk bed in here."

"Well, Coop, we could always move Alley Dancing in here...."

"Oh no, that just wouldn't be right. That's why it's 'Alley' Dancing. We can't go changing everything....but I'm not bitter. Let's go talk to The Beard."

So we went downstairs and jumped on the Information Superhighway. Vroom! Vroom! We must've been taking wrong turns, because we kept ending up in fucking France with naked pictures of Claudia Schiffer. What the fuck???

"Hey, guys, what's up? Looks like you've been playing way too much hockey lately."

"You know I stay away from that fucking Sega," Buc said. "Guess I shouldn't try to open Foster's with my mouth, even if somebody does offer me money."

"You dumbass! Those are twist-offs!"

"Leave me alone, fucker. At least I fucking got housing to get us goddamn hot water. Now if I could just get those stupid goddamn shithead motherfuckers to fix that fucking room number upstairs...."

Clink! Clink! Clink!

"What the hell is that?"

"Were you the guys who needed beer?" asked frosch F. "ABSO-FUCKING-LUTELY!!" in unison.

"Well, here you guys go," he said, handing us two bottles of beer. "I looked all over town for this stuff, 'cause I knew how much you wanted it. Sorry it's domestic, but it's the best I could do. I'll try to do better next time."

"Sam Adams Cream Stout.... Mmmmmmm BEER!!"

"Not bad, for a frosh. At least you showed some fucking effort. Now go ahead and open me, so I can start fuckin' drinking," Stacy bitched.

"Bottle opener? My key chain works really well...."

"Look. Get your sorry ass out of here and don't fucking come back without a fucking bottle opener and some more goddamn beer!" Coop proclaimed.

Out of six fucking frosh, we only managed to get two fucking beers. There has to be something wrong with this goddamn house! A pack of pansy-assed, pitiful, puny-penis-ed, pussies (page SUX!) could teach these damn frosh better than this.

We're sure that after this story half the fucking house fuckin' hates our fuckin' collective fuckin' guts. (Fuckin' fuck fuck!!) But remember she's the fucking ASSHOLE and he's the fucking BITCH!!

TOPTEN REASONS WHY FLEMS HATE EACH OTHER

10. Red is just an aggressive color.
9. For only 75 cents....
8. Ring...ring...ring...ring...ring...ring....
7. There just aren't enough pageboys.
6. Kinder and gentler? We don't think so.
5. They don't call us an asshole and a bitch for nothing.
4. Pride Cola.
3. We've perfected the art of fuck you, thank you, fuck you letters.
2. Fucking soccer balls.
1. Those fucking girlfriends.

And the moral of the story is....

Where men are men.... Nuh...nuh...nuh...nuh!!  
Where giants walk the earth.... Zhuh...zhuh...zhuh...zhuh!!  
Where the thundering herd is.... BUH-BYE!!

Sincerely,

Stacy Fox & Brian Cooper (the asshole and the bitch)!!!



Anil Roopnarine

## Anil Axlains

Dear Anil,  
What ever became of Ernest?

—Puzzled Person in Parsons-Gates

Dear Tom,

Well, you know Ernest was like this guy who knew the answer to any kind of question you might want to lime about. Sometime last year, Ernest was under suspicion of murdering a guy who called himself "Question Man". Fearing the San Marino Police and their infamous "Iced Cappuccino" torture methods, he fled to Siberia, where he is currently at work on his latest novel, a sequel to Tolstoy's historical thriller *War and Peace*, tentatively entitled *Pierre the Fat Rich Dude: War and Peace II*. It is due to be released this February. Incidentally, it was later discovered that Q-Man had been stillborn, and Ernest was let off the hook.

Dear Anil,

I have been an avid reader of Inside Worlds for many years. Long ago, I noticed that some people think repeating the word "fuck" makes for good humor, while others actually devote some effort to making a truly artistic piece of comedy. I would just like to know, why is this?

—Hot and Bothered

Dear Hot,

Very simple. Keith Counsell: 11.17 inches. Brian Cooper: 2.01 inches.

Dear Anil,

What is the ultimate meaning and purpose of life?  
—Know-it-all at Cambridge

Dear Steve,

You're looking at it. Sorry, pal.

continued from page A

## Scurve Wars

he was living off campus) elected to eat TFM food tonight.

I leapt into action, darting past Jane and her cohorts in observation to fly down the aisle, pausing only long enough to snatch a basket of rolls from one of the tables. I screeched to a halt behind the poor Target, and let fly with all six rolls (each one whole, unadulterated, and thrown one at a time, of course), solidly hitting him but once. Then, I fell to the floor.

Sham grabbed a roll from the table, and spun in his seat to see who had so heinously victimized him. Seeing no obvious culprit, he randomly choose Clark as a suitable innocent bystander and

fired off his weapon of choice. Clark replied in kind, but with the typical aim of Ricketts diners missed Sham and hit Patrick instead. Patrick immediately began warping time and space, and soon rolls were flying as they should, in great quantity and at high speed. Ricketts was saved! And then I woke up, only to go wait at yet another of our slowly lengthening meals.

## DINNER'S TAKING TOO LONG!

## The Inside World

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ISSN 0008-1582

VOLUME XCV, NUMBER 19  
NOVEMBER 4, 1994

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Published occasionally except during vacation and examination periods by the Well Associated and Newly Knotted Existentialist Rope Swingers, Inc. The opinions expressed herein are strictly those of the authors.

Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. Submit copy (preferably on Macintosh 3.5" disk) to the Tech mailbox outside SAC room 40, or e-mail to iw@tech.caltech.edu. The editors reserve the right to edit and abridge all submissions for literacy, expediency, etc. All articles are the property of the authors. Authors and columnists retain all intellectual property rights.

The Inside World is distributed free. Issues will not be mailed off-campus despite receipt of \$10 per year to cover third-class postage and preparation costs. Printed by News-Type Service, Glendale.

# Glom Central

Seriously, though. If we can't have the frosh, what *can* we do? Glomming them isn't exactly thrilling the female ones. Pranks aren't rousing their spirit. Maybe they're all doomed to vaporize OC, like so many of our nameless [or forgotten] people. No, you're not obscure. Maybe if you CAME ON CAMPUS once a WEEK and TALKED to the freshmen and didn't just SIT AT THE GODDAMN COMPUTER checking your e-mail, which you KNOW you don't have, and then gone into Upper Crotch for TWO

A certain nameless Rudd man-

## the Wanderer

# THE ZANE CHRONICLES

I plan to come back to Tech second term or until I decide to, whichever is later. I really like

—HintOr and AN-I-MAL

# 25 hours in the life of an off-campus Darb

2:30 Checked my mail. One piece

4:00 Wandered into the lounge, beat  
Neal (who is a big jerk) at sweat, then lost  
to Kathleen. Wandered into the court-  
yard. Anil was on the swing reading to be  
a health advocate. Scary. Saw that Carrie  
was sitting nearby with a Big T. Went to  
DEI and finally got my very own Big T,  
now that our secretary's back in town. Sat  
in the courtyard and looked for all the  
pictures with me in them. Most of them  
were pretty cool. Ran out of pictures of me

3:10 Heidi showed up. I finished my dinner. It wasn't bad. Too many mushrooms and too few water chestnuts, though. A bit later I called my parents the first time in about a week, but couldn't think of

I wandered into the lounge and sat by the fire for a while. Momo and Weinstein were discussing smart-sounding important stuff.

Games of sweat played: 4 (2-2)  
Score on Ay 20 homework set: 21/40

continued from page A

# Death in Dabney

accepting it into the only home it had ever known. The fingers had grown into the keyboard, the cords entwined about the legs, caressing the flabby calves and pale white skin that had yet to see the light of day. The eyes stared unseeing at the screen—Wizard Brona, 3482th level. And yet the character kept moving charting the maze. “Jimmy jet and his tv set” thought the Glatsch, not realizing he was so literary.

**“LKAT JNVLK; DFS; L KVJ FAD SCJMWOI EQT REKJLFS KGDJ”**

It was time to leave. There was nothing here for him to find. Zito still stood, statuesque, Lord of the sound waves that struggled up against him, nuzzled him, embraced him in the comforts of oblivion. A small mouse dashing for the door didn’t quite make it—squashed under the pages of a 2000 page book of logarithmic tables.

“What a waste,” Glacier Boy thought. “2000 perfectly good pages devoted to lists of numbers when it

could have been used to publish a book of little-known Excel bugs.” He quickly left and slammed the door behind him.

Down the hallway came the unpleasant smell of putrid dishrags. Glacier Boy looked down the hallway and was startled to see the big black cat, Fang, cleaning itself in front of CZR’s door—a seemingly normal door with only the unobtrusive small black plaque bearing the name “President” to identify the importance of the room and its occupant. Fang hissed at Glaysch then quickly turned and skulked down the hallway. There was something familiar about that skulk.... But Glaysch was too busy staring at the door, its wood deeply gouged. He forced it open. The walls were a bit more colorful than he remembered—splattered in red. He turned away at the grisly sight before him. IHC minutes were scattered across the room.

Glacier searched the entire room, the closet, under the bed, even in hyperspace above the room. He managed to reassemble most of the parts, minus a couple of knawed arms. Seven people gone. Glacier had noticed a copy of Tommy II in the room. It was pulsating an angry red. Its dull glare shot out like a

knife, stabbing him, and Glacier, a sick feeling in his chest, knew what had happened.

They found the bodies the next day. They had been stuffed into the tiny Chem 1 room, found by an unfortunate freshman looking for his homework. The Chemistry department was distraught at the loss, and the head Chem 1 TA was almost incoherent as she sobbed,

“We’re going to have to buy *five* new molecular chemistry sets! FIVE!” and then she collapsed on the floor, shuddering.

Security spent a long time in the small room, as a tight pack of people waited tensely outside the police line. Finally they emerged and locked the door tightly behind them.

“It looks bad,” one of the men said in a low voice. “We’re almost out of coffee and donuts. Looks like we’ll have to go to Winchell’s.” The crew shrugged, growled in low voices then headed out the door. Slowly the crowd drifted away. Yet one lone figure remained by the door, as if trying to see through the heavy wood. Actually he was, but he was also suffering from the aftereffects of some particularly potent Chinese plum cooking wine and at this moment believed he could even get through Ma 1 without failing a test

or homework assignment. Foolish mortal.

The hubris-filled Glacier Boy finally sighed and walked back toward Jorgensen—might as well get that CS done. Suddenly a hand shot out of the shadows and pulled the Glaysch in, wrapping a wet cloth around his face ‘til he finally went limp and was drug away down dark hallways, down, down, down past silent motion detectors whose little reedeyes, momentarily blind, burned a cold red in the darkness. The wizard and the dwarves were far ahead somewhere in the darkness and the last thing Bilbo remembered was tripping over a rock as the voices got further and further ahead and then all was darkness. That’s too easy an ending. Deeper and deeper through wet, dripping tunnels, or bathed in dry heat, a throbbing surrounded them, the little party delved even deeper into the guts of the campus.

When the effects of the combination of cooking wine and chloroform wore off and Glaysch came to, he was in a room with warm cement walls, full of jumping shadows. He tried to sit up but was stopped by the combined effects of his hangover and the hand gently pushing him back to the floor. Only then did he

notice the face bathed in shadow that hovered over him.

“He’s awake,” the face said in a familiar voice towards the shadows. Another, more massive figure stepped out of the darkness. Glacier Boy’s eyes focused and caught the face of the new man—dark and grimy but nevertheless...

“Miguelito!” Glaysch cried out. The other hand clamped down on his mouth. “Mmmmma mmmmmsth mmmsth mmmmmmmmmA!”

The other person shhed him and pulled off the hand. “Taking an extended siesta, Miguelito?”

Mike grunted. Then the light caught the face hovering over him—streaked with dirt and soot, but still familiar—the face of the Librarian.

“You think I could be knocked off so easily, Glaysch? Besides, physics was getting me down.” She grinned.

Where have you been? Where is this? Glacier boy asked off-handedly.

The Librarian’s face darkened. “Shadow. That’s the only description we’ve been able to get. No one has any idea what’s going on. And things are getting worse....” she trailed off.

“Did you, uh, mmm, hear about the presidents?” Glaysch asked.

“Yes, and now the Houses are in an uproar. *Freshmen* are getting doubles as singles even in *Dabney*. Something is very wrong. Very wrong. Even Tommy’s has ceased to operate past 1 a.m. Miguelito and I have decided to go underground. We’ve infiltrated Page House. I’m afraid that we’re already too late for Fleming. They’ve become...”

“What? What is it? Is it too horrible to say?”

The Librarian looked grim. “They’re becoming... cute and fuzzy.”

Miguelito grunted. He shook his shaggy waist-length hair and snarled. It sounded somewhat like “Using the Gram-Schmidt process to find an orthonormal basis to this subspace will give us orthogonal vectors whose eigenvalues can be used to determine the normal modes of a string fixed at both ends and the relative wavelengths of the...” No one else can say so much in one grunt.

And no one else can say so little in 3 columns of print. So to end with a futile gesture at something funny... *Top Ten Reasons Why Being a Dabney Sophomore at Tech Really Sucks*

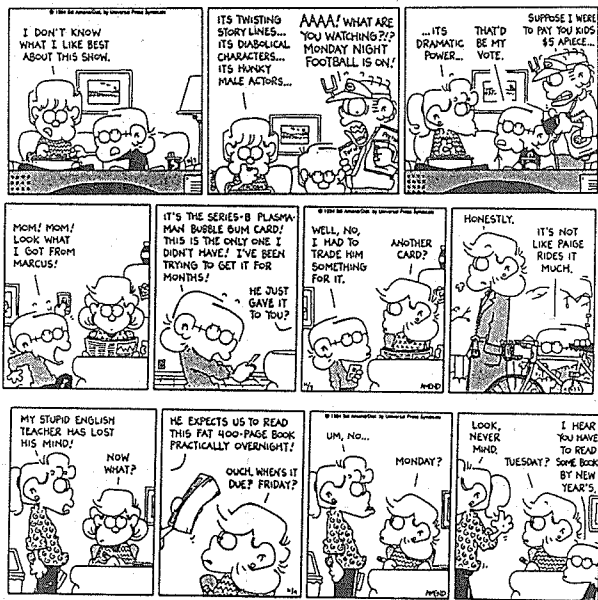
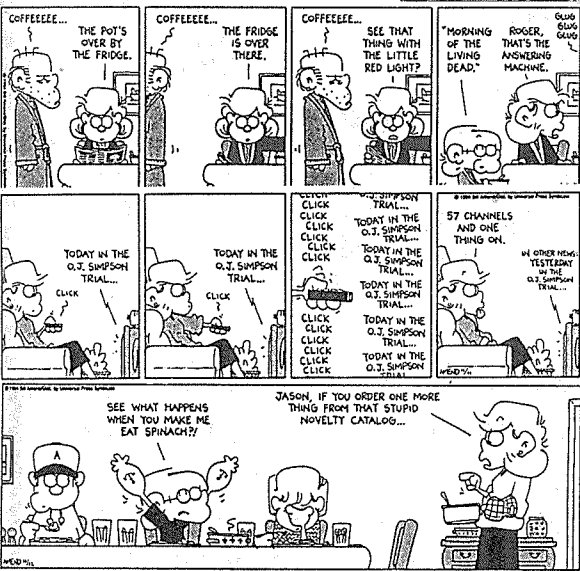
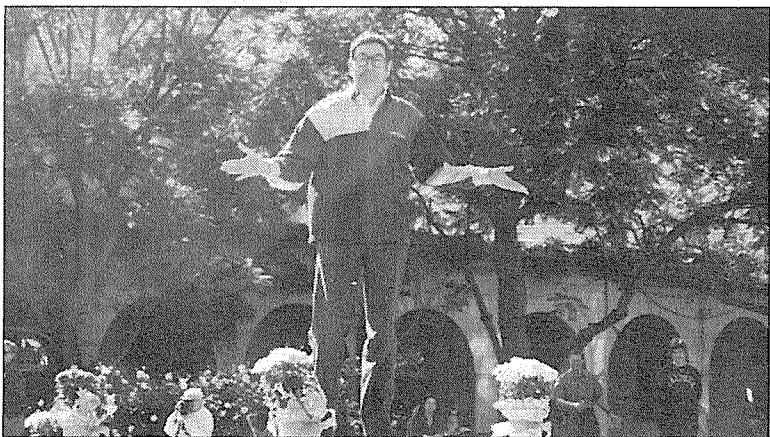
1. None of your math TAs speak English.
2. It doesn’t matter anyway because the test is in another language.
3. Millikan nose-rubbing no longer works.
4. Mikey is *still* a frosh.
5. All of your classes have little “GD”s next to them.
6. Even Glacier Boy is a throat.
7. You have to go to the frosh for help on your math homework.
7. *Everybody* sucks at Phys2.
8. Drop drop Phys Phys, oh what a relief it is.
9. Neal is a big jerk.
10. Nothing really matters anyway—the entropy of the universe is increasing no matter what you do and all of the available energy is converting to heat so despite your futile attempts to reduce entropy everything is stupid and useless and you will all die in flames. After midterms, that is.



file photo

# Bookstore Show: All that Glitters is Caltech Insignia Merchandise

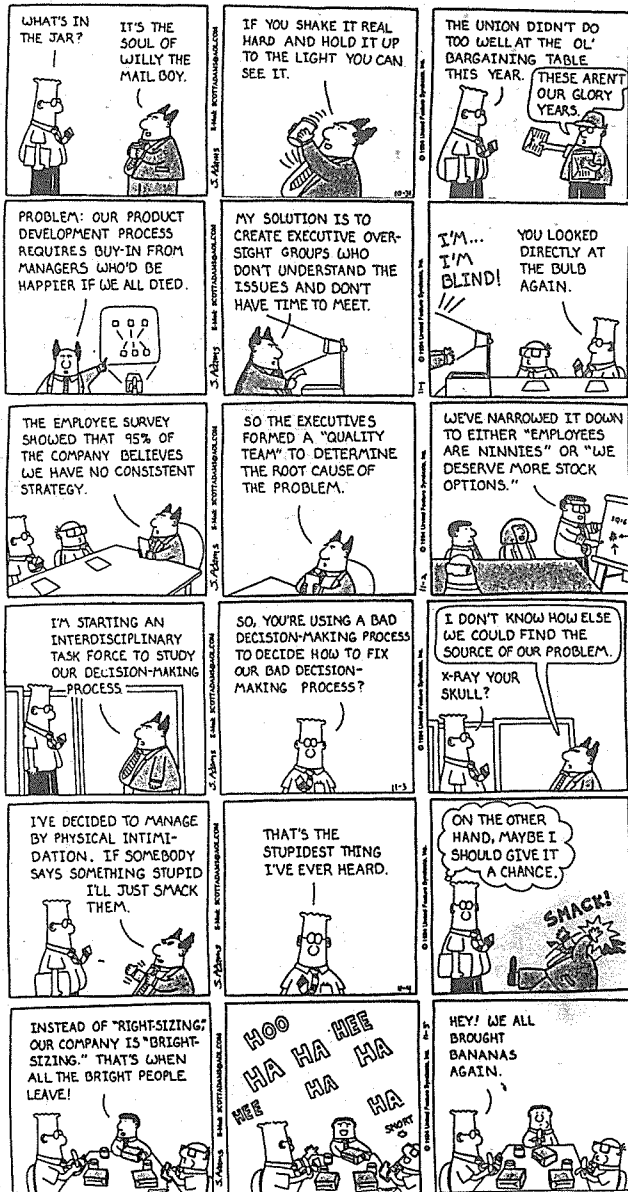
Thursday, Millikan Library was the site of the first Caltech Celebrity Fashion show featuring Caltech professors and personalities. At right, Dr. Harry Gray, Professor of Chemistry and Director of the Beckman Institute, struts the Millikan walk in a Caltech rugby shirt by Barbarian. His outfit was much less revealing than others he has been seen in.



DILBERT © by Scott Adams

FOXTROT

by Bill Amend



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—Morningstar

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# 6 November 4, 1994 Avery House Update

CONTINUED FROM PAGE 1

A variety of special guests will be invited by Avery House to stay in the house for periods ranging from one or two days to perhaps several weeks, allowing for extensive interactions with students and others, thereby complementing the usual kinds of public lectures and

seminars. Some of the guests will be the subject of informative exhibits in the library/gallery, which will also have permanent exhibits related to entrepreneurship. A regular program of speakers, discussions, performances and social events will be scheduled in the various commons

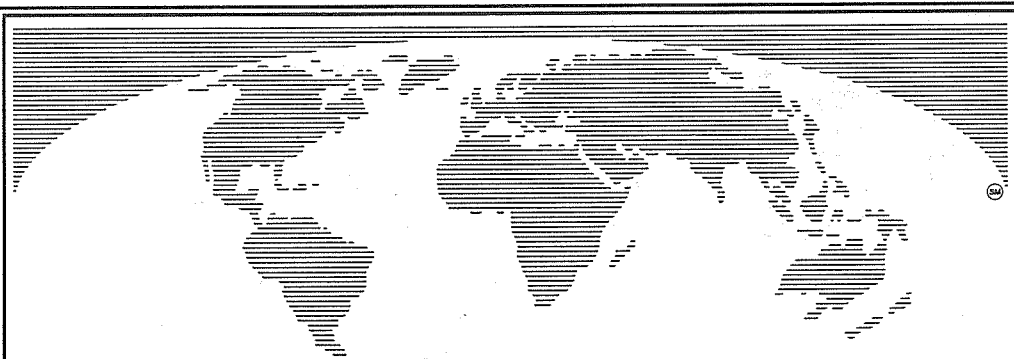
facilities and will be designed to attract not only Avery residents but also other members of the campus community.

The idea of enriching campus life by mixing undergrads, grad students and faculty in one house goes back at least to the 1960's, but it took clearer shape at an ASCIT/faculty retreat held at the Capra Ranch in early 1989. Many people have recognized that the social and intellec-

tual life of even a small school like Caltech tends to be limited by the natural habit of undergraduates to associate mostly within their own houses, graduate students within their own options, and faculty members within their own divisions. Avery House represents a conscious, focused effort to move people beyond those habits and to capitalize on one of the great advantages we have at Caltech — how

much we are all alike in our abilities, interests and values.

The pictures are based on full-color artist's renderings, which are on display in the Winnett office of Residence Life/Master of Student Houses. All loyal readers of the TECH are invited to drop in and have a look.



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*We offer an extremely attractive compensation package, along with abundant opportunity for professional reward. Discover the world of difference Morgan Stanley can make in your future.*

*We cordially invite you to submit your resume to the Career Development Center. Please join us for our presentation on November 10th — 4:00pm, in the Student Activities Center, Room 35. Interviews are scheduled for November 11th.*

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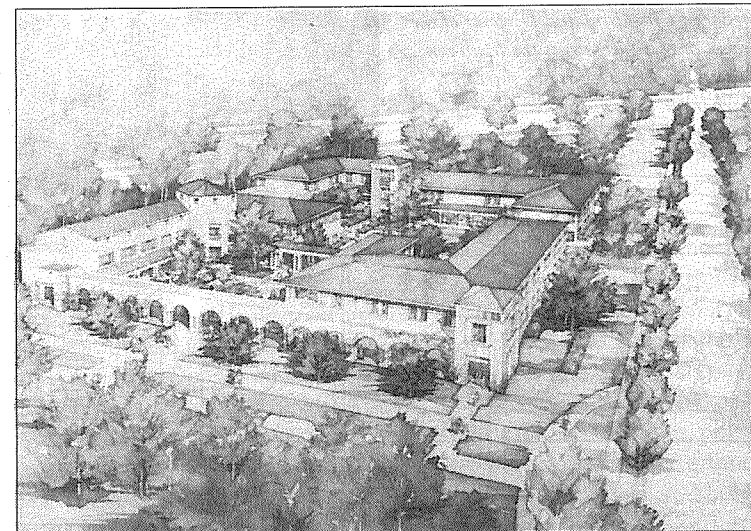
on the CalTech Campus

**Wednesday, November 16 from 4:00 to 6:00 PM.**

The location will be **Room 15 of the Student Activities Center.**

We will demonstrate our Digital Subscriber Line technology transporting compressed video images over twisted pair copper.

PairGain Technologies is a fast growing \$50M per year telecommunications company currently located in Cerritos but moving in January 1995 to Tustin. We are the fastest growing high technology company in the United States in 1994. PairGain designs and develops its own VLSI chips and complete systems for very high speed communications products sold worldwide. We dominate our market with better than 80% market share. PairGain is interested in hiring CalTech students and graduates for intern and full-time positions in Electrical Engineering and Software Engineering.

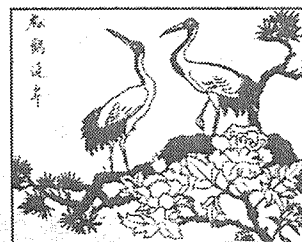


FROM GARY LORDEN

Artist's portrayal of a bird's eye view of Avery House.

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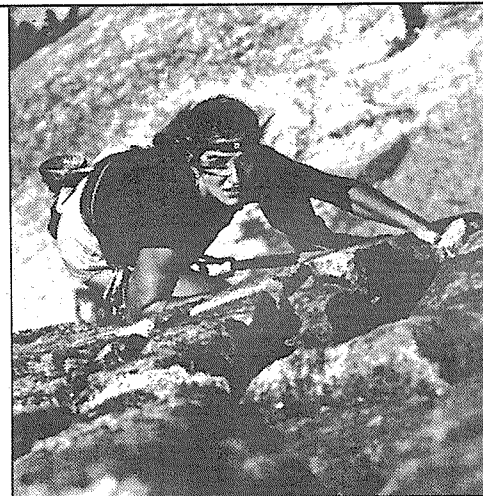
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recognition that goes along with taking responsibility for the work you direct, contact us today. We'll give you the support, training and opportunity you need to meet the challenge.

### Please Note:

Information Meeting open to all interested students. Your attendance at the Information Meeting is a prerequisite to your interviewing process. Please attend. Refreshments provided! Casual attire.

### INFORMATION MEETING:

Date: November 17  
Time: 4:00pm–6:00pm  
Place: Student Activity Center, Room 15

### INTERVIEWING:

Date: November 18

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## S &amp; M

by Sharon and Marc

Well, it's that time of year again. The days are getting shorter, the air is getting colder, and babies are being kissed. Yes, it's election time! And in the spirit of campaigning, we're writing a wordy, long-winded diatribe covering every issue and candidate. We analyze the propositions in such a clear and insightful way that everyone can understand it. Each of our recommended candidates for office has been thoroughly researched, and meets our excessively strict qualifications for the job.

This column will thrill you with the wonderment of our great country's electoral process, and compel you to involve yourself in the truest form of democratic participation, the casting of one's own vote. You will swell with pride at the sense of contributing to the future direction of our state and our nation. And we'll be right there with you, not only as mentor and

guide, but as a fellow citizen of these United States of America. Together, we'll delve into the ... what's that? There's only space for 200 words in our column this week? Oh. Hmmph. Well, to summarize, "Vote early and vote often." Wait, that's not right. Oh, heck. See you Tuesday!

## YNEWS

by Topher Hunter

This Saturday, the Y presents "You Laugh, You Lose," a comedy game show, for your entertainment. If you can withstand their comic pummeling without laughing, you get to spin the money wheel, winning up to \$200! The fun begins at 7:30 in Winnett Lounge. After splitting your sides, unwind with this week's SNAM (Saturday Night Alternative Movie), the classic "name that star" movie, *American Graffiti*. It will be showing at 10 P.M. in the Y lounge. Admission is free. (But if you win the cash, the food is on you!)

I've got this announcement here about some kind of event, but hey, I don't think any of you would be interested in it. It's... broom-cricet? Vacuum-ball? No: it's Broom-ball! That's right, signups will be out soon for the year's first broom-ball competition. Ice times have changed a little, though, so make a note: we'll be playing on Friday, November 11 from 1:30 to 6:45 am. Drop by the Y for information, or call Chris at x6164.

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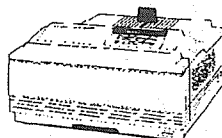
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## CLASSIFIED ADS

## MISSING! -

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## Notices

♣Care to Tango? Every Tuesday in December there will be tango classes held in Dabney Lounge sponsored by the Caltech Folk Dancers. No experience or partner is necessary, and everyone is welcome! Classes begin at 7:30 p.m. Call (818) 797-5157 for more information.

♣The Caltech Y presents "You Laugh You Lose! Comedy Game Show on Saturday November 5th at 7:30 p.m. in the Winnett Lounge. The object of the game show is to survive one minute of comedy without laughing. If you survive, you get to spin "the comedy cash wheel" and win up to \$200! All contestants get free T-shirts, and the event promises to be all its cracked up to be, so come down and take part!

♣The Los Angeles Free Clinic is seeking volunteers to serve as mentors for homeless and high-risk youth in Project STEP (Short Term Employment Project). Project STEP is the only employment program for homeless youth in Hollywood and is looking for stable, responsible adults who can commit one hour a week to talk to a young person trying to his or her life around. Spanish-speaking mentors are particularly needed. For more information, please call Craig Fleishman at (213) 653-8622.

♣The Caltech Muslim Student Association will hold Muslim Friday Prayers weekly in the Y-lounge at 12:40 p.m.

♣To the Faculty and Staff: Share this year's Thanksgiving Holiday with Caltech's international students at your home. International Student Programs is assisting the Caltech community in arranging Thanksgiving dinners for international students at the homes of faculty and staff. We encourage you to take this occasion to get to know our students and appreciate the unique culture they bring in our community. If you are interested in hosting a student please contact Chris via e-mail: [Chris@pcmail](mailto:Chris@pcmail) or call x6330 by November 18, 1994.

♣"Take a Break and Spend Some Time with Friends." The office of the International Student Programs would like to invite you to our Open House for coffee, tea and conversation. Every Wednesday from 4:00 p.m. - 5:30 p.m. at the office of International Student Programs, Olive Walk. Open to the entire Caltech community.

Flu Shots—The Health Center has arranged to offer flu shots to students. People in this age group are not generally thought to be at risk unless chronically ill, but because of the high stress and close living conditions at Caltech these are risk factors to be considered. Dr. Miller also wishes to remind students that flu shots are a *preventive* measure and need to be given *6 to 8 weeks* prior to the time of a predicted outbreak in order to be effective. The flu shot is of no value once the symptoms have developed. The best time to be vaccinated is between Oct. 3 and Nov. 15. Shots given during this slot should provide maximum protection throughout the entire flu season. Cost for this service is \$5, which may be charged to the student account. Flu shots will be available to students only.

Give Blood—Two-day blood drive in the Winnett Student Lounge, Monday, November 21 from 9:15 - 2:30 and Tuesday, November 22 from 12:15 - 5:30. Please contact Veronica Kirton at x6374 for an appointment, although walk-ins are welcome.

## Work Study Job Openings

Work-study wanted for general office support and data entry. Ten (10) hours per week in the International Student Program's Office. \$7.00 - \$8.50 an hour. Please inquire via e-mail to [chris@pcmail](mailto:chris@pcmail).

The Office of Public Events is looking for more student ushers for events in the Beckman and Ramo Auditoria. Hours will vary. Please respond to Ram Basu at x3667 or [rb@nmsu](mailto:rb@nmsu).

## From the Counseling Center

Attention Women Graduate Students—A new women's group is forming designed to help women examine a range of issues relevant to their lives and experiences. We will explore the barriers for women in achieving success, balancing career and personal goals, and challenges in professional or personal relationships. These



# Events and Notices

♣ denotes a new announcement

and other concerns raised by group members will be discussed in a confidential group setting over the academic year. Each group member needs to meet with the group leaders for a pre-group interview. If you would like more information or to schedule a pre-group interview, please contact the Counseling Center at 818-395-8331. The group will meet weekly on Tuesdays at the Counseling Center beginning late October.

The Gay, Lesbian and Bisexual Support Group meets the first and third Tuesdays of each month at 7:30 p.m. in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation—including coming out, being out, self-discovery, coping with families.... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call 395-8331.

## Coming Events

"From Plains, Pueblos and Tundra." Beckman Auditorium, on Friday November 4th at 8 p.m. Native American music and dance is offered by the Colclison family from the Zuni tribe of New Mexico, the Locke family of the Lakota tribe of the Great Plains and Chuna of the Yup'ik tribe along the Bering Sea. Cherokee storyteller Gayle Ross will serve as master of ceremonies. Admission: \$8.00 for students beginning one-half before the performance. Call extension x4652.

Frances Black, Beckman Auditorium, November 5, 1994 at 8 p.m. This Irish folk singer, whose style is heartfelt and romantic, is making her debut solo tour of the United States. Admission is \$8.00 for students willing to come half an hour early. Call extension x4652 for more information.

Opera Fans and Singers: The Metropolitan Opera National Council Western Regional Auditions Finals will be held at Boyard Auditorium on the USC campus on Friday evening November 11th. The program which begins at 7:30 p.m. will showcase some of the most promising young opera singers of the West. Winners selected at this exciting competition receive cash awards and opportunity to advance to the national finals competition next spring in New York City. Finalists compete before a panel of distinguished judges from the world of opera in really nice tuxedos. So if you love singing or listening to Opera, tickets are \$15.00 and may be ordered by calling USC Cultural Events Ticket Office, (213) 740-7111

## Free Tickets and Stuff

♣"Challenges Facing the New South African Government: A Lecture by Tandi-Luthuli-Gabashie, Director, South African Peace Education Program" International Student Programs invites the entire Caltech community to this lecture on Wednesday, November 16, 1994 at 5:00 p.m. at the Beckman Institute Auditorium. You are encouraged to take part in the discussion which will follow the lecture. Refreshments will be served afterwards. For more information call x6330.

♣Dr. Leonard Pronko of Pomona College will be holding an exciting lecture and demonstration entitled "Kabuki: Japan's Total Theatre" in the Judy Library on Tuesday November 8th at 4:00 p.m. The seminar is open to the Caltech campus.

♣On Sunday, November 13th, the Vikarbo Chamber Ensemble will give a concert at Dabney Lounge at 3:30 p.m. This Paco A. Lagerstrom Chamber Music Concert will feature works by William Grant Still, Antonin Dvorak, Max Bruch, and Maria Newman. Admission is purely free. Call x4652 for more information.

The Britten Quartet will give a Coleman Music Concert on Sunday, November 6 at 3:30 p.m. in the Beckman Auditorium. Included on the program will be Ravel's Quartet in F major; Britten's Quartet No. 2; and Schubert's "Death and the Maiden" Quartet, promising to be a performance to die for. Only fifty free tickets to these concerts are available to Caltech students with current I.D. (limit two free tickets per I.D.) and are available at the Caltech

Ticket Office, located just north of the Beckman Auditorium parking lot, beginning October 31st, respectively. The tickets are normally sold for a range of \$22.50 to \$12.00, so rush on down to the ticket office now.

The Caltech-Occidental Concert Band will present a concert on Saturday, November 19 at 8:00 p.m. The performance will include a guest performance by soloist Robin Reed who will sing well known arias from famous operas, including *Pagliacci*, *Rigoletto*, and *Tosca*. The concert band will be featured in music from around the world. Admission is free and open to the public, and there is also free parking near the auditorium. For further information please call extension x4652

## Club Announcements

The Caltech Ballroom Dancing Club meets every Thursday (except Thanksgiving Day) at 7 p.m. in Dabney Lounge for a 90-minute ballroom dance lesson. No previous dance experience is required for this free class. Experienced dancers meet every Sunday at 1:30 p.m. in Winnett Lounge for a two-hour intermediate ballroom dance lesson. For further information, please send e-mail to [therman@urns.gps.caltech.edu](mailto:therman@urns.gps.caltech.edu).

Electric Car Club wants to announce that The LA Chapter of the Electric Automobile Association will hold its monthly meeting on Saturday, Nov. 5th, at 11 AM in Winnett Lounge. Anyone interested in electric cars is welcome. This month Ken Koch, who runs a business for converting gas cars to electric, will discuss the latest in electric car accessories. Several members drive their electric cars to the meetings, and will park outside the Y. We are always happy to show them off and answer questions before and after the meetings. The meetings are always on the first Saturday of the month, same place and time. Do you want to clean up LA's air—get involved! For info, contact EAA president Irv Weiss at 841-5994 or give Steve Potter a call at extension x6787.

OASIS, the Organization for the Advancement of Space Industrialization and Settlement (A Chapter of the National Space Society), invites you to their seminar "Amateur Space (or Let's Build a Rocket in the Garage)" on Saturday, November 19, 1994 at 7:00 to 8:30 p.m. in the Von Karman Auditorium. Jet Propulsion Laboratory. For over 30 years, space exploration has been dominated by governments and large corporations. Now low-cost computer, microelectronic, and materials technologies put space within the grasp of the amateur. Members from local amateur space groups will discuss their work in this field and show hardware and videos of flight and ground tests. Topics will include: Why Go Into Space? Financing: How are we gonna pay for this stuff? Safety, and Legal Requirements. Admission is free, though donation will be gratefully accepted; children are welcome. For more information, call the OASIS Hotline: (310)364-2290

The Caltech Swedish Club will meet at 3 p.m. on Sunday, the 13th of November, at 200 S. Catalina apt G. Anyone interested in Scandinavian culture or in speaking Swedish is welcome. For more information, please call Rustan or India Leino at 584-7162 (or email [rustan@cs](mailto:rustan@cs)), or Matt or Karin Johnson at 568-8596 (or email [mj@caltech.edu](mailto:mj@caltech.edu)).

## Internships and Competitions

The Sacramento Bee, a 270,000 circulation McClatchy newspaper located in California's capital city, is offering summer internships in reporting, sports, copy editing, photo-journalism and infographics. The internships are full-time for 12 weeks and pay \$375 a week, though you'll be responsible for your own housing. Apply by December 1, 1994 for internships in News, Sports Reports, Copy Editors, Photographers, and Graphic Artists to The Sacramento Bee, P.O. Box 15779, Sacramento, CA, 95852 or call (916) 321-1001 for more information.

The 1995 Elie Wiesel Prize in Ethics Essay Contest, with awards totaling \$10,000, is now open to junior and senior undergraduates who are enrolled full-time at an accredited college or university in the United States. The deadline for submitting an original 3,000-4,000 word essay is January 13, 1995. The theme for this year is: "Creating an Ethical Society: Personal Responsibility and the Common Good." For entry forms and guidelines contact: The Elie Wiesel Foundation for Humanity, 1177 Avenue of the Americas, 36th Floor, New York, NY 10036. Phone: (212) 221-1100.



## Fellowships and Scholarships

♣The National Academy for Nuclear Training announces its Scholarship Program Competition. Academy scholarships are awarded on the basis of merit to students with a demonstrated interest in, and potential for, a career in the nuclear power industry. Approximately 125 awards of \$2,250 each will be made to students who are currently pursuing a bachelor's degree in nuclear engineering, power generation health physics, or a nuclear/power option in a discipline such as chemical engineering, electrical engineering, or mechanical engineering. Application materials must be postmarked no later than February 1, 1995.

♣The James Madison Memorial Fellowship Foundation has at least one \$24,000 fellowship available in California for master's level graduate study of the framing, principles, and history of the Constitution by current and prospective secondary school teachers of American history, American government, and social studies. The fellowships are available to U.S. Citizens or permanent residents who are either college seniors or master's level graduate students and are pursuing one of the following degrees: MA in American history or political science; MA in Teaching in history or political science; or a related master's degree in education that permits a concentration in American history, American government, or social studies. For additional requirements and for information on how to apply, come to the financial aid office, or write to the James Madison Fellowship Program, P.O. Box 4030, 2201 North Dodge Street, Iowa City, IA 52243-4030. Completed applications must be received by March 1, 1995.

♣The American Electroplaters and Surface Finishers Society is offering scholarships to upper class undergraduate and graduate students who are interested in careers in the surface finishing field. This includes those majoring in the fields of Chemistry, Chemical Engineering, Environmental Engineering, Materials Science, Materials Engineering, Metallurgy, or Metallurgical Engineering. Applications and all requested documents must be postmarked by April 15, 1994.

Undergraduate Scholarships for Study Abroad. The National Security Education Program (NSEP) provides scholarships to freshman through seniors who wish to pursue undertake serious study in foreign countries as a complement to their U.S. academic and career goals. Foreign language study is required for all study abroad proposals. Students may not study in Canada, Australia, New Zealand, or Western Europe. Applicants must be U.S. citizens. Freshman and sophomores may study during the summer of 1995. Sophomores, juniors, and seniors may study in the fall of 1995 or spring of 1996. All candidates must have a campus interview with the NSEP advisor, Lauren Stolper. Contact Lauren for applications and information: ext. 2150 or email [Lauren\\_Stolper@starbase1.caltech.edu](mailto:Lauren_Stolper@starbase1.caltech.edu). Please come by the Fellowship Office in the same building as Lloyd House to review an application. The campus application deadline is Monday, November 28. All application materials must be turned in to Lauren Stolper.

NSF Fellowships. NSF fellowship applications are available in the Fellowship Office in Lloyd House and in Career Development. Note that NSF Fellowships can be used to do graduate work abroad. Call Lauren Stolper at x2150 if you have questions. The postmark deadline for part 1 of the NSF application is November 4, 1994. This is a short application. Upon receipt NSF will send you part 2 which is due on December 2. Seniors and 1st year grad students are eligible to apply. Must be U.S. citizen.

NDSEG Fellowships. The National Defense Student Educational Grants are sponsored by the Dept. of Defense and are very similar in value and requirements to the NSF awards. No military service is required to win these awards and they can be used at any U.S. university. The application forms for these awards will be available from the Fellowship Office in late October or early November. Seniors and 1st year grad students are eligible to apply. Must be U.S. citizen.

Josephine De Karman Fellowships provide ten \$6,000 fellowships. Students in any discipline (graduating seniors who

will start grad school next fall through grad students who will be entering their final year of study in 1995 - no post-doc can apply. The grant is for one year only. While special consideration is given to students in the humanities only a small group of universities are invited to have their students apply for this award so scientists/engineers are competitive. Note that international students already enrolled at Caltech as undergrads or grad students may apply. Applications must be requested by each individual in writing by January 15, 1995. Send your request for an application to: Mrs. L. Hays Secretary, Josephine de Karman Fellowship Trust, P.O. Box 3389, San Dimas, CA 91773. Application postmark deadline is January 31, 1995. So request an application now. Don't wait until the Jan. 15 date as you'll have to rush to complete the application.

The Los Angeles Chapter of the Data Processing Management Association (DPMA) is offering at least one scholarship for \$1000, provided by the Bert A. Monaghan Scholarship Fund. Eligible students must be majoring in Computer Science, must have filed a FAFSA application and have demonstrated financial need. Application forms and guidelines for additional requirements are available at the Financial Aid Office. Completed applications must be received at the Financial Aid Office at 515 S. Wilson no later than 5:00 p.m. Wednesday November 23, 1994.

The American Concrete Institute (ACI) is offering several awards. The Peter D. Courtois Concrete Construction Scholarships are two \$1000 awards for undergraduate study in concrete construction for the 1995-96 academic year. Eligible students must be enrolled at least half-time and must be seniors in 1995-96. The application, available at the Financial Aid Office, with all required supporting documents is due January 10, 1995. ACI Committee is also offering one ACI James Instruments Student Award in the amount of \$800, for original student research on nondestructive testing of concrete. Applicants must submit a technical paper describing the research. The award is open to undergraduates or graduates, and the research work must have been completed within two years of the submission date. Completed technical papers must be received by ACI Committee no later than November 30, 1994 at the following address: c/o Dr. Allen Davis, STS Consultants Ltd., 431 South 300 East, Salt Lake City, UT 84111. ACI is also sponsoring three different competitions: the Concrete Cube Competition, the Concrete Egg Protection Device Competition, and the Concrete Projects Competition. For complete rules, call the ACI Education Department, at (313) 532-2600.

The Association of Former Intelligence Officers San Diego Chapter 1 announces the establishment and offering of the Annual Lieutenant General Eugene F. Tighe, Jr., USAF Memorial Scholarship. The scholarship is in the amount of \$1000. It will be awarded based on the judged quality and suitability of a 1,000-1,500 word essay on the topic of: What role should the United States Government's Intelligence Community play in supporting American business interests worldwide? Completed applications/essays must be postmarked no later than December 15, 1994.

Glamour Magazine announces its 1995 Top Ten College Women Competition. Scholarships are in the amount of \$1000. Winners also receive national recognition in Glamour's October 1995 issue, and the opportunity to meet with top professionals in their fields. Women who are full-time juniors for the 1994-95 academic year are eligible to apply. Applications are due January 31, 1994.

The American Scandinavian Foundation of Los Angeles (ASF/LA) is awarding four \$1,000 scholarships to undergraduate and graduate students with a demonstrated interest in Scandinavia. Applicants must have strong academic qualifications and must show financial need. Two letters of recommendation, appropriate transcripts, and the completed application are due by March 15, 1995.

To receive information on the following, contact the person or organization indicated.

It's Friday, so my suggestion to you is this: Don't get drugged. Don't get stoned. Stay away from those nasty chemicals. Treat yourself with respect. Treat your mate with respect. Treat Mr. Oliveri with respect. In plain English, don't sin.

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Shish kebab Shaorma Souvlaki steak  
Fresh fish and lamb Baklava  
Homemade pizza Gourmet hamburgers

We cater for all occasions

535 S. Lake Ave.  
(818) 792-6634

Mondays - Half price margaritas.  
Tuesdays - Beer half price.  
Wednesdays, Thursdays 3-7 P.M.

**HEAR THE  
WEDNESDAY NIGHT  
JAZZ BAND**