Caltech Prank Book is Legendary

by Stewart A. Peebles

The long-awaited book detailing the history of Caltech pranks has finally arrived, and it was well worth waiting for. Legends of Caltech, edited by Willard A. Dodge, Jr., Reuben Sigworth, and Adrian C. "Chip" Smith, Jr., alums all, and published by the Caltech Alumni Association, gives newly first-hand accounts of classic Caltech pranks from the 20s to the 70s.

The book is distinguished by several outstanding features. The first of these is the fact that the pranks are described by us those involved in mad of the media, whose reports have until now been our sole sources of information about these events. Never again will readers, when asked to explain some past Caltech stunt, have to rely on hearsay from a magazine article. All the facts are here, in all their glory.

Also, the accounts have the flavor of an oral history. They are filled with the ironic humor that seems typical of Caltech people. The book is not merely a list of facts. Instead, it seems

continued on page 7

Folk Guitarists Presented

Artie Traum, who has performed at Caltech V noon concerts in January '82 and '83, will return again to perform on Saturday (January 21) in Dahney Hall at 8 pm. Also performing with Artie will be singer-songwriter Kim Wallach, who will be making her first L.A. area concert performance. The concert is organized by the Caltech Folk Music Society and tickets are available to the public for $5 in advance or $6 at the door, but Tech students (both grad and undergrad) can purchase $3 tickets (subsidized by the GSC). Tickets are available from Caltech's Office of Public Events box office, 356-4652.

Artie Traum is a veteran "folkie" from Woodstock, N.Y., known for his fine songs and particularly for his incredible skills as a guitarist and teacher. He has authored several books with subjects ranging from traditional folk styles to modern rock. His musical credits include ten albums, two film scores (one directed by Brian De Palma) and he has produced five albums as well.

While Artie's performances always have a very contemporary feel and are packed with memorable songs from some of the East Coast's finest songwriters, his music clearly shows the influence of traditional jazz and blues. The San Francisco Chronicle wrote about Artie, "a brilliant and original guitarist with flashes of Django Reinhardt and Doc Watson. Everything sounds great...lyrics, harmony, the works...Fascinating." The Los Angeles Times has said, "Artie Traum is a winner. Catch his show!"

The Folk Music Society is also proud to present Kim Wallach in her Southern California debut. Kim has worked her way up the "folk ladder" in New England, starting as a street musician—playing around Harvard Square for donations. She is now performing regularly in the area's finest folk clubs and has just released her first record, The Coldest Winter in Living Memory. Kim is also a fine songwriter, but highlights she show with traditional as well as contemporary music.

continued on page 4

Beavers Begin Conference Season

by Ath Man at Large

With the euphoria of their early-season success fading, the Caltech Beaver basketball team came face-to-face with the realities of their conference season this week, losing 94-47 to Occidental and 101-37 to Whittier. The Beavers' intercollegiate record is now 6-5, and the squad has 12 games remaining, nine of which are conference games.

The Beavers started off terribly against Occidental, turning the ball over frequently and taking bad shots. After the bad start, however, the Beavers settled down and played very well for the rest of the first half, trailing only 43-28 at the intermission as a result of Ed Zanelli's 40-foot basket at the buzzer. Caltech played well in spurts during the second half also, but fell apart at other times, allowing Occidental to run off strings of baskets. Caltech rebounded poorly, and committed 26 turnovers in the game. Ed Zanelli had 13 points, and Stewart Peebles netted nine, while grabbing 12 rebounds.

continued on page 4

Police Blotter

The Crime Blotter

Lloyd RA Burglarized

by Deb Kremer

An opening door and the flickering of the light switch awakened Lloyd RA, Robert Hill, Monday at about 5:30 am. Robert arose to find an intruder trying to take property from the RA suite. A brief explanation was given: "I've never been in here before and I thought I'd check it out." After Robert suggested that Security be called, the intruder punched him in the face and fled empty-handed. The would-be burglar and assailant is described as 5'8" to 5'9", of medium build, with a well-proportioned round face, olive complexion, and fairly long straight black hair parted in the middle. His age was estimated as from late teens to mid-twenties. He was very neat and well groomed.

Anyone seeing a stranger fitting this description is urged to turn him in to campus security or immediately contact campus security (x4701) and advise them of his whereabouts and direction.

If you've had an encounter with a thief at Tech and would like to share it, contact Deb Kremer, I.D. 4202. Since fact is often stranger than fiction, I need you!
Rosey Congratulations from MIT

To the Editor:

While not an ASCIT member, I read with interest the proposed new election procedures.

Why not Single Transferable Vote?

This eliminates all run-off elections. It is simple enough to be used in national elections in many countries. It has been used in various competitors for election procedures.

Michael Kovari

ASCIT Notes

As you know, in the elections last week every amendment passed except Amendment #2 and #8. It is likely that one or both of these amendments will appear on a ballot in the future since it appears that a major reason for their defeat was a lack of publicity. For instance, in last week’s notes to house presidents and announcements in the houses, few people bothered to read amendment #2 and only about 1/4 of the student body voted in the election. Furthermore, the “Vote No on Amendment 8” statement which appeared in last week’s Tech was signed by The California Tech when, in fact, the amendment was supported by the business managers. It is thought by some that this misleading statement helped to defeat the amendment.

The new elections system, however, was passed. Voting in the first election will be as usual. People who go into a final election the voting is slightly different so you should follow the usual procedures before voting. If you have any questions, contact Jeanine Mirch (Rickette), Lew Aronson (Page), myself or the House Executive Committee.

Candi McCoy

Caltech Y Fly-by

Friday, January 20

Noon Concert – Dream a little...acoustic rock-n-roll with Dreamer

Right Brain Lab – Cynthia Coragold continues her creativity through art. Workshop 3 to 5:30 pm Fridays in the Y Workroom

Damin – A one person play by Alykh Morris on the life of Father Damin portrayed by Don Caldwell, the leper priest of Moloka‘i. Performances Friday and Saturday night at 8:00 pm in Ramo Auditorium. FREE.

Signups for January 26 LA Philharmonic in the Y office.

Wednesday, January 25


For more information please call 356-6163.

Letters

Rosi Congratulations from MIT

Dear Caltech Hackers:

Congratulations on successfully hacking the Rose Bowl game! As members of MIT's Technology Hackers Association we can appreciate the magnitude of your achievement. We are well aware of the numerous talents needed to locate, analyze and modify a complicated device, and of the range of special skills used in any surreptitious operation. Hacking the Rose Bowl scoreboard is an impressive feat.

Sincerely,

Tom H. Adams Technology Hackers Assoc.

Pass/Fail

The pass/fail grading policy was suggested to help students who were less adequate in one subject as opposed to another when in fact, the only inadequacy lies in the grade at the end of each course.

In looking back now at my grading then, I did not know the extent of it, and I might have been better served by being held to the same standards that freshmen were for Tech work load. Another reason was probably to help students who were not ready to enter a graded class system.

When the policy was instituted, the classes they take. When the policy was instituted, the classes they take. When the policy was instituted, the classes they take.

The classes were taken by freshmen who did not have the time to adjust to the academic game and gauge their proper place in the academic abilities. They typically get a lower impression than they should, even for Tech.

In my three pass/fail terms, there were four grades in which I was able to count on a grade B level, which is passing in a graded class. This is not to say the passing criterion in the pass/fail classes should be the same as that for a D, which is passing in a graded class. In some courses, the level was set as high as a comparable B level and in others, it would be a C or a D. The inconsistencies of setting the pass/fail grading level in each different class tend to mislead students to think they are less adequate in one subject as opposed to another when in fact, only inadequacy lies in the grading system itself.

The freshman grading system should be run like the graded classes that all students will take in subsequent years. Each student should also have the option of knowing their working grade at the end of each course. Only then will they really get a chance to adjust to the Caltech academic game and gauge their proper place in the way of things here.

In my three pass/fail terms, there were four classes in which I had gotten only one grade below B and that was a C. Judging solely by my freshman grades, I have sometimes been confused with students who have taken many difficult classes it has been very difficult for me to actually fail any of my graded classes. Certainly I was no less diligent than the third may have been solving problems when in fact, the only inadequacy lies in the student’s ability to read the pass/fail policy was instituted. When in fact, the only inadequacy lies in the student’s ability to read the pass/fail policy was instituted.

In all fairness, this disparity which he fails. In looking back now at my growing number of frosh leaving Tech in those years. Why is there never change or improve until it is too late.

That leaves us with the last possible reason for the decline from freshman year since it is a very different approach to study to pass a passing line than to study on grades.

We would greatly enjoy hearing more of the details. Not surprisingly, the media’s opinion of what is in the best interest of our. If you would like to trade stories or discuss other topics, please write to us at the address given below.

Sincerely,

Tom H. Adams
Technology Hackers Assoc.

PG Box 200, MIT Tech, Cambridge, MA 02139

18 Years of Freshman Pass/Fail

Freshmen are graded pass/fail only, for all the classes they take. When the policy was instituted in 1965, it was a welcome change to give freshmen a false sense of their academic abilities. They typically get a lower impression than they should, even for Tech.

Another reason was probably to help put a curb on the high number of frosh that were leaving Caltech at the time the pass/fail policy was instituted.

After all these years though, the system is not really resolving either of the first two objectives even though the third may have been solved at the time. Though pass/fail eases the transition to Tech, it is actually misleading and gives most freshmen a false sense of their academic abilities. They typically get a lower impression than they should, even for Tech.

Rather than grading the freshmen classes like all the other classes, the frosh professors tend to simply choose an arbitrary grade level beyond which a student passes, below which he fails. In looking back now at my freshman year, few classes actually set the passing level at D, which is passing in a graded class. In some courses, the level was set as high as a comparable B level and in others, it would be a C or a D. The inconsistencies of setting the pass/fail grading level in each different class tend to mislead students to think they are less adequate in one subject as opposed to another when in fact, only inadequacy lies in the grading system itself.

The freshman grading system should be run like the graded classes that all students will take in subsequent years. Each student should also have the option of knowing their working grade at the end of each course. Only then will they really get a chance to adjust to the Caltech academic game and gauge their proper place in the way of things here.

In my three pass/fail terms, there were four classes in which I had gotten only one grade below B and that was a C. Judging solely by my freshman grades, I have sometimes been confused with students who have taken many difficult classes it has been very difficult for me to actually fail any of my graded classes. Certainly I was no less diligent than the third may have been solving problems when in fact, the only inadequacy lies in the student’s ability to read the pass/fail policy was instituted. When in fact, the only inadequacy lies in the student’s ability to read the pass/fail policy was instituted.

In all fairness, this disparity which he fails. In looking back now at my growing number of frosh leaving Tech in those years. Why is there never change or improve until it is too late.

That leaves us with the last possible reason for the decline from freshman year since it is a very different approach to study to pass a passing line than to study on grades.

We would greatly enjoy hearing more of the details. Not surprisingly, the media’s opinion of what is in the best interest of our. If you would like to trade stories or discuss other topics, please write to us at the address given below.

Sincerely,

Tom H. Adams
Technology Hackers Assoc.

PG Box 200, MIT Tech, Cambridge, MA 02139

The gadfly

An examination of student life at Caltech
Student Houses Are An Easy Target for Burglars

To the Editor:
Crime in the undergraduate houses—fact of life, or history?

Undergrad houses have become a routine stomping ground for thieves. This has become apparent from reading accounts of experiences with intruders, conversations with undergrads and campus security. These intruders have ranged from dressed young men to scruffy bums. Their experience has become a routine stomping home. Keep reading!

A recent interview with Harold Ginder, director of campus security, offered hope for solving this problem. Campus security suggests that any stranger without Caltech ID be turned over to them for questioning. You don't have to believe or disbelieve a story, let campus security check it out. (x4701) They have the resources of PPD, arrest warrants, recent campus theft report information (report those thefts!) and will document a stranger's story. These are all important in bringing an alleged burglar to trial and recovering your stolen property. If you fear for your safety, are alone, etc. when confronting a stranger, get help from other house members. Alternatively, give campus security a full description and direction in which the trespasser was headed and avoid confrontation.

Strangers roaming around our halls become more accustomed to the floor plan. Thieves wait for their opportunity. What next? Wait until everything is stolen so they don't bother to come around? Increase our vigilance? Make panning difficult for the opportunist? Transfer to another school?

Send all of your valuables back home? Keep reading!

TheFrom the interview in this list when you report stolen property to the police or campus security.

As house members you can be encouraged by the fact that there is enthusiasm from the Master's Office and campus security to help you improve the security of your living environment. The master is sponsoring a contest which is designed to come up with a feasible and useful way to guard bikes from theft. (See contest announcement in this issue.)

Campus security has available a small number of radio walkie-talkies for special occasion vigils. These would be used for the purpose of contacting campus security when the suspect is spotted.

Campus security is interested in working with individual houses or all together through the IHC to discuss and implement physical changes to improve security in the houses. There is funding available for this end. The main requirement of proposed security improvement is that the students use them. No one will spend money on more convenient locking systems, doors, gates, etc. unless the undergrads will use and keep them operational. You are free to decide whether anything or nothing is changed, including the crime statistics on campus.

Strangers roaming around our halls become more accustomed to the floor plan. Thieves wait for their opportunity. What next? Wait until everything is stolen so they don't bother to come around? Increase our vigilance? Make panning difficult for the opportunist? Transfer to another school?

Send all of your valuables back home? Keep reading!

A recent interview with Harold Ginder, director of campus security, offered hope for solving this problem. Campus security suggests that any stranger without Caltech ID be turned over to them for questioning. You don't have to believe or disbelieve a story, let campus security check it out. (x4701) They have the resources of PPD, arrest warrants, recent campus theft report information (report those thefts!) and will document a stranger's story. These are all important in bringing an alleged burglar to trial and recovering your stolen property. If you fear for your safety, are alone, etc. when confronting a stranger, get help from other house members. Alternatively, give campus security a full description and direction in which the trespasser was headed and avoid confrontation.

Strangers roaming around our halls become more accustomed to the floor plan. Thieves wait for their opportunity. What next? Wait until everything is stolen so they don't bother to come around? Increase our vigilance? Make panning difficult for the opportunist? Transfer to another school?

Send all of your valuables back home? Keep reading!

A recent interview with Harold Ginder, director of campus security, offered hope for solving this problem. Campus security suggests that any stranger without Caltech ID be turned over to them for questioning. You don't have to believe or disbelieve a story, let campus security check it out. (x4701) They have the resources of PPD, arrest warrants, recent campus theft report information (report those thefts!) and will document a stranger's story. These are all important in bringing an alleged burglar to trial and recovering your stolen property. If you fear for your safety, are alone, etc. when confronting a stranger, get help from other house members. Alternatively, give campus security a full description and direction in which the trespasser was headed and avoid confrontation.

As individuals, there are a number of things you can do to increase the chances of having your stolen property returned to you. If PPD or campus security impounds stolen goods, they try to return it to the owner. Campus security suggests you engrave your driver's license number on your items (include the state). This will do two things: 1. make an identifying mark on the item and, 2. essentially give them the name and address of the rightful owner. A social security number is less desirable since it is less readily traced to the owner. Campus security has an engraver you may borrow.

Also, maintain a list of valuables and their corresponding model numbers, serial numbers, descriptions, make, and color. You can refer to this list when you report stolen property to the police or campus security.

Columbia Hypertext

"You don't need shoes or socks in space—they're a G invention."
—William B. Lenoir, PhD (EE) MIT '85, mission specialist on fifth space shuttle flight, November 16, 1982, as quoted in "Letter from the Space Center," Henry S.F. Cooper, Jr.

—The New Yorker, October 3, 1983

You grow up in Florida

Don't wear shoes much in Barefoot youth

Need no orbital mukluks in Columbia. shoes with suction cups already old hat. "If I dropped a washrag or a hankie. I'd pick it up with my toes."

Socks are only useful stuck to adhesive tape loops in strategic places on the [walls]?/[floors]?; useless words in space — in free-fall — in high society — in microgravity. They're preferring to float free on the later missions, a custom by the 7th flight, loopless, bootless.

One of these days barefoot boys and girls, free of G forces will say "hold on there! I only have four hands!"

Invention is the mother of necessity.

Deb Kremer

THE HAIR CUTTERS

HIS AND HERS
OPEN EVENINGS

449-6967 449-1022

$3.00 Discount for Caltech students with this Ad

1009 E COLORADO PASADENA
NEXT TO THE ACADEMY THEATRE

PARKING IN REAR

Buy Caltech Cards and save 20%

CAKTECH'S
BURGER CONTINENTAL

will offer you a deal you can not refuse.

good food at reasonable prices
refills on soft drinks at all times
seconds on salad bar

SPECIALTIES: SHISH—KABOB, SHAORMA, SOUVLAKI—STEAK
HOMEMADE PASTRIES: BAKLAVA, BURMA, AND NAPOLEONS

For the Entire Month of January

A free root beer float to all Juniors, Seniors, and Grad Students

Faculty, Grad Students, Attend!

Mondays and Tuesdays are Beer Days. Half price on beer.
Beavers Lose to Oxy, Whittier

Tom Heer, and Bill Gustafson also played well, and Jim Heggren added the cause with nine points. The Beavers' next home game in Saturday, January 28, at 8 pm against Redlands.

Weekly Sports Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Opponent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sat.</td>
<td>1-21</td>
<td>1:00 pm</td>
<td>Swimming</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-21</td>
<td>10:30 pm</td>
<td>Wrestling</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-21</td>
<td>6:00 pm</td>
<td>Basketball (JV)</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-21</td>
<td>8:30 pm</td>
<td>Basketball (Varsity)</td>
</tr>
<tr>
<td>Tue.</td>
<td>1-24</td>
<td>7:30 pm</td>
<td>Basketball (Varsity)</td>
</tr>
<tr>
<td>Thu.</td>
<td>1-26</td>
<td>7:30 pm</td>
<td>Wrestling</td>
</tr>
<tr>
<td>Thu.</td>
<td>1-26</td>
<td>10:45 pm</td>
<td>Hockey Club</td>
</tr>
<tr>
<td>Fri.</td>
<td>1-27</td>
<td>4:30 pm</td>
<td>Swimming</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-28</td>
<td>10:00 am</td>
<td>Swimming</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-28</td>
<td>1:00 pm</td>
<td>Fencing</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-28</td>
<td>6:00 pm</td>
<td>Basketball (JV)</td>
</tr>
<tr>
<td>Sat.</td>
<td>1-28</td>
<td>8:30 pm</td>
<td>Basketball (Varsity)</td>
</tr>
</tbody>
</table>

If you're looking for quality and innovation... check us out!

Who are we?

We are a world-wide team dedicated to quality in people, policies, and products. We've progressed from a small business founded in 1939 by two young college engineering graduates to a company of 72,000 people internationally.

- We design and manufacture over 4,500 products in four major categories: computers, electronic test and measurement equipment, analytical instrumentation and medical electronic products.
- During the last five years we grew at an annual rate of more than 22.8 percent achieving a rank of 81st on the 1983 Fortune 500, raising 1983 sales to $4.7 billion.

What opportunities do we offer?

- We believe in recruiting the very best college-educated talent we can find and providing them with a working environment which rewards individual contribution. During the next decade, we plan to hire about 18,000 graduating students.
- We currently have hundreds of professional positions offering immediate responsibility at numerous, choice locations across the U.S. in the following disciplines:
  - electrical, mechanical, chemical, industrial, software development and computer engineering.
  - electronics technology
  - physics, chemistry, material science
  - treasury, controller/accounting and industrial relations.

We're excited about our future... join us!

We'll be on campus to talk with you the week of:

January 23rd

Check the placement office for details

We are an equal opportunity/affirmative action employer.

Where performance is measured by results

---

Caltech Fencers Meet Stanford Team

by Perry Ripost

On January 14, the Caltech fencing team participated in an exciting non-conference match with the Stanford fencing team at Cal State Fullerton.

The Stanford fencing team, which is one of the best in the western part of the United States, came to southern California during that weekend to fence four opponents: UCLA, Northridge, Fullerton, and Caltech.

Not many schools in northern California have fencing programs; therefore, the Stanford fencing team had the opportunity to fence on southern California where there are many schools with fencing programs, which greatly benefited our team.

The Caltech fencing coach, George Clovis, viewed this match as a good learning experience for the old and the new members on the team because of the amount of experience that Stanford has. This fencing match will be followed by a match with Stanford, which Caltech will not, of course, affect Caltech's standings in the league because of the amount of experience that Stanford has. This fencing match will not, of course, affect Caltech's standings in the league because Stanford is not in our conference.

The Caltech fencing team lost to Stanford, but there were many good bouts. In the women's foil team, Barbara Turpin made some nice disengages and lunges and gave a few touches. Phyllis Li and Kathy Sheedy made many effective parries and disengages. Daniela Bonafede fought aggressively, and Karla Peterson showed improvement in her rapiers.

After the women's match was over, the Stanford women gave our women some sound advice for improving fencing technique and told them that the Stanford women greatly appreciated the advice. In the men's foil team, Scott Grossman, Andre Burgoyne, and Kurt Anderson made nice parries and rapiers. Their lunges were well executed and thus were able to get a few touches against their opponents. Craig Keller, a new enthusiastic foil member, got the opportunity to fence in a match for the first time. He made good disengages and also gave a few touches.

In men's epee team, Stanford had some nice advantages in brute force and fought aggressively. He has a long reach when he lunges and was able to get a few touches against Caltech's opponents. Charles Todd and Mark Peerrill, both new epee members, performed very well against Stanford epeeists by almost beating a few of their opponents. As newcomers they have not yet acquired the ruggedness of James Bell, but with time, they will catch his way.

In the men's saber team, Lee Sunderlin had nice parries, flashes, and cuts. He was able to beat one of his opponents by utilizing these three motions continually.

If you're looking for quality and innovation... check us out!

Who are we?

We're a world-wide team dedicated to quality in people, policies, and products. We've progressed from a small business founded in 1939 by two young college engineering graduates to a company of 72,000 people internationally.

- We design and manufacture over 4,500 products in four major categories: computers, electronic test and measurement equipment, analytical instrumentation and medical electronic products.
- During the last five years we grew at an annual rate of more than 22.8 percent achieving a rank of 81st on the 1983 Fortune 500, raising 1983 sales to $4.7 billion.

What opportunities do we offer?

- We believe in recruiting the very best college-educated talent we can find and providing them with a working environment which rewards individual contribution. During the next decade, we plan to hire about 18,000 graduating students.
- We currently have hundreds of professional positions offering immediate responsibility at numerous, choice locations across the U.S. in the following disciplines:
  - electrical, mechanical, chemical, industrial, software development and computer engineering.
  - electronics technology
  - physics, chemistry, material science
  - treasury, controller/accounting and industrial relations.

We're excited about our future... join us!

We'll be on campus to talk with you the week of:

January 23rd

Check the placement office for details

We are an equal opportunity/affirmative action employer.

Where performance is measured by results

---

Cinematech

Enter the Dragon

What's up, Tiger Lilly?

Saturday Evening in Baxter Lecture Hall

Students, $1

All Others, $2
ASCIT Elections

The Candidates

Polling Schedule
Monday - Friday
First Ballot Runoff

ASCIT President
Kent Cantwell
Paul Graven

ASCIT Vice-President
Fred Ferrante

ASCIT Secretary
Kurt Andersen
Irene Replogle

ASCIT Treasurer
Dave Gallup
Paul Filmer

IHC Chairman
Doug Stohler
Phyllis Li
Edward W. Felten
Praveen Asthana
Richard Murray

Director of Academic Affairs
Tetsuo Fukuchi

Director of Social Activities
Dan Schwartz

Director at Large (Upperclassman)
Teresa Solberg
Gary Gibbs

Director at Large (Freshman)
David Parkinson
William A. Craven
Khanh Nguyen

ASCIT Activities Chairman
John Rostykus
Andy Wolf
Leslie Grate
Keith Bowman
Kori Ghandehari
André Burgoyne
Simon Goldstein
Denes Zsolnay
Jack Profit

ASCIT Athletic Manager
Russell Graymer

BOC Secretary
Stuart Ray
Tim Allen
Steve Pitts

Editor of the California Tech
Ken Whang
Ken Hahn
Chris Meisl
Tom Aldcroft
Peter Alfke
Matt Rowe
Josh Susser
Keith Hughes
Charles Cuny
Elliot Hohri
The job of IHC Chairman is unique since it involves participation in both branched government and the house system. In addition, IHC is a unique institution on campus since it involves an ability to see beyond House loyalties. My interhouse character is unique among the other candidates.

I wanted to keep in touch with the feelings and view points in all the Houses and, in this regard, do my best to make interhouse relations run as smooth and easily as possible.

Please remember that I am a write-in candidate, so please vote for me.

Sincerely,

- Phyllis L. Stohler

I am running for the office of IHC Chairman because I believe that I can do a good job. I am aware of the responsibilities of the IHC Chairman and the importance of interhouse relations along with a policy. I think that an important qualification that I am capable of is the ability to deal with people. I am quite comfortable dealing with people, and I can do it fairly well. I have held house elected office many times and I have served on Committees on Scholarships and Financial Aid and am chairing the House and Social Committee Conference Surf committee.

I think that I have enough experience to be an IHC Chairman. I have been an active member of the house system and have served on Surf teams that I have been a part of. I have a sense of humor.

- Praveen Asthana

I am running for the office of IHC Chairman because I feel I have the
I am running for Director of Academic Affairs. I have been involved in things around campus—on the Student Senate, in Upperclassman Council, and for Academic Affairs, Le. I have helped compile the TQFR for the past year, and I'm flattered to see many of you liked numbers of teachers and students.

As Director of the ESC for the past year, I worked hard to improve the way in which house social events are planned. As Secretary of President's House, I have served on the IRC and I know how to deal with national and international relations. I have helped the board to keep up with our social activities, and I have learned a lot.

I have served on the IRC and I know how to deal with national and international relations. I have helped the board to keep up with our social activities, and I have learned a lot.

I am running for the office of ASCIT Director-at-Large, as its main duties include managing the ASCIT van and coordinating the publication ofASCIT News. Traditionally, the last year has been the responsibility of the Frosh Director, but because of recent changes legislation the upperclassman now shares in the legacy.

The ASCIT Director-at-Large has, as its main duties, maintaining the ASCIT van and coordinating the publication of the undergraduate research opportunities booklets. Traditionally, the latter has been the responsibility of the Frosh Chairman, but because of recent changes, the upperclassman now shares in the legacy of the Caltech research. I believe that this kind of commitment will extend beyond the normal duties, and I will act, if elected, to offer nothing more than this belief.

My name is Khanh Nguyen. I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

As a member of the Board of Directors, I believe previous board experience is very important. I believe that being a member of the Board of Directors is a position of great responsibility, not only to myself but to the entire community. I am running for the position of ASCIT Director-at-Large because I believe previous board experience is very important.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

As a member of the Board of Directors, I believe previous board experience is very important. I believe that being a member of the Board of Directors is a position of great responsibility, not only to myself but to the entire community. I am running for the position of ASCIT Director-at-Large because I believe previous board experience is very important.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.

I am running for the position of ASCIT Director-at-Large. This year, I have served on both the ASCIT and Academic Affairs committees and have been involved in things around campus. I am an enthusiastic member of the Board of Directors, and I am proud to have served on both of these important committees.
Myself: “Can you give me a date?”
Morry: “Near the end of first term.”
Myself: “So you went to Middlebrook.”
Morry [Kavounas] went to Middlebrook...in fact, he talked to him after Greg did and we eventually convinced him to restate the problem. That, it seemed to me, was restated twice...in fact I think near the end of first term he restated it again. I think he restated it again at the beginning of second term (the policy allowed collaborations between students on particular points in the homework that they were having trouble with but obviously no outright copying). He said, this is the policy, and I understand certain people may have misinterpreted it, but this is what I expect the policy to be and you’re on your honor to abide by that policy.

Morry: “Okay.”
Morry: “At the same time, because it seemed to me that the real problem was not only 114, but people’s attitude about the honor system. My main concern in this was that once people thought it was okay for people to cheat in a class...that changed the way they viewed the whole honor system, and rather than just trying to combat the immediate problem, people had to look at the more global problem; and, I went and talked to Dean Weeks about it.”

Myself: “That’s good.”
Morry: “And got absolutely no satisfaction. He expressed some interest in finding a particular individual to bring before the board.”

Myself: “Why?”
Morry: “It was his claim that the only way to combat this was to get people who were cheating and convict them of honor code violations. And what I tried to explain to him at that time was that that wasn’t the point. That if you had fifty people cheating in a class, choosing a scapegoat and convicting him by a board whose minutes are not available to the public...you can’t make a public example through an organization like that...”

Myself: “Right.”
Morry: “So the whole concept was fallacious in that the only way to be dissuading how we combat the real problem rather than the specific people involved. And we went back and forth and he basically said it was my job to give him the names of people to take before the board and I told him that was absolutely ridiculous...and he implied it without saying that it was an honor code violation for me not to report anyone I suspected. I said to him basically that if you were going to do whatever you want about it...if you want to bring me before the board on this, fine. I’m just as happy that this all come up before the administration, but it doesn’t seem to me anybody here is too anxious to do anything about it...maybe if they bring me before the board, I will hit the fan perhaps and that something will get done. We can either confront the real issue or pretend it doesn’t exist.”

The problem in the class continued, however, and Morry stepped up his efforts to help us about some constructive change, but to no avail. The Board was also unsuccessful in his pleas. It was at the end of second term that Middlebrook, having been the only way to combat this cheating and convict them was to get people who were collaborating to take before the board and it without saying that it was an honor code violation. It was his claim that the real issue or pretend it doesn’t exist.”

Myself: “Okay.”
Morry: “At the same time, because it seemed to me that the real problem was not only 114, but people’s attitude about the honor system. My main concern in this was that once people thought it was okay for people to cheat in a class...that changed the way they viewed the whole honor system, and rather than just trying to combat the immediate problem, people had to look at the more global problem; and, I went and talked to Dean Weeks about it.”

Myself: “That’s good.”
Morry: “And got absolutely no satisfaction. He expressed some interest in finding a particular individual to bring before the board.”

Myself: “Why?”
Morry: “It was his claim that the only way to combat this was to get people who were cheating and convict them of honor code violations. And what I tried to explain to him at that time was that that wasn’t the point. That if you had fifty people cheating in a class, choosing a scapegoat and convicting him by a board whose minutes are not available to the public...you can’t make a public example through an organization like that...”

Myself: “Right.”
Morry: “So the whole concept was fallacious in that the only way to be dissuading how we combat the real problem rather than the specific people involved. And we went back and forth and he basically said it was my job to give him the names of people to take before the board and I told him that was absolutely ridiculous...and he implied it without saying that it was an honor code violation for me not to report anyone I suspected. I said to him basically that if you were going to do whatever you want about it...if you want to bring me before the board on this, fine. I’m just as happy that this all come up before the administration, but it doesn’t seem to
The Body Shop

Stress: Good for You

Contrary to popular belief, stress in itself is not bad for us. How you react to it is what's important.

Most successful people in history and today have obviously been subjected to a considerable amount of stress. Some may actually need a degree of stress to function well and achieve their goals.

In fact, stress is virtually unavoidable and, instead of trying to avoid it, you need to learn how to enjoy it you may be doing yourself a favor.

Sometimes when talking to your peers or even seniors it seems they are "struggling" with life despite their intelligence, good looks or pleasant personality. Maybe, above all, is that our body's defense mechanism is caused by an inability to handle stress.

When stress is making its presence known to you by tension, headaches, irritability, insomnia or other familiar symptoms, extra adrenaline is being produced by the body. Studies have shown that extra adrenaline is not burned up as it is in exercise but instead remains forever. These can lead to heart disease by being deposited in major arteries.

Therefore the best antidote for mounting tension would be exercise, be it jogging, biking, aerobics or any other preferences. It would be a false economy of time to put this off due to a busy work schedule. If in doubt, consider the quality of work you may produce with any of the symptoms listed above.

Not only will exercise relieve tension, it helps physical exercise also creates a healthy mental status enabling you to continue what before seemed intolerable.

Another method of adjusting to stress is to allow yourself time to think and retreat into your own mind every so often. Meditation, for some, can help tremendously by improving a person's sense of well being.

Hostility, impatience and competitiveness can cause peripheral vascular resistance, demanding an increased pressure for the heart to pump against. Recognition of stress and such behaviors can greatly improve your physical and mental status where you can benefit from the stress in your life by your appropriate reactions and effective coping mechanisms.

-Miki Goodwin, R.N.
Young Health Center

With reference to Love Your Heart by Dr. L. Belshin and Dr. D. Mason

Inside Information

Using the Online Library Search

ONLINE database searching can be a great help in your work if used appropriately. It can also save much time, and the cost can be kept low by following a few simple steps.

It takes a team—the database people, your searcher (who keeps up with frequent use and training) and, you, the user. A search may be made on any of the databases included in the Engineering Index; namely, Engineering Index. HI Alternation fluid mechanics, and Aerodynamics, wind energy, and structural-fluids.

Then you don't have to pay or Caltech trained searcher equals the purpose of your search. The best way to get off to a good start is by actually using the printed index; sampling a year or two. With a feel for the lingo, it becomes much easier to combine terms online so as to narrow a set of hits. The combination of suitably truncated terms that were on target to start with reduces your printout to what you really want.

Then you don't have to pay for printing much garbage not spend time weeding through it. A SEARCH on “buckling of plates” would be very broad. It can be limited by combining “buckling” AND "axial compression" AND "curved plates OR anisotropic plates OR orthotropic plates." In this way, a search may be refined to print out a very small, specific and accurate set when the terms used fit the database.

If your field is fluid mechanics, there is a database specifically for that field, namely, BHRA Fluids Engineering. This is a British database with excellent coverage of the international literature. It includes sources on aerodynamics, wind energy, noise (fluid dynamics aspects), coastal and inland fluid engineering, multiphase flow, flow measurement, fluid power, jet cutting, computational fluid mechanics, and many other aspects.

If the information in BHRA is not complete enough, a search may be made on more than one database—possible NTIS, the government reports index, or Compubox, the online version of Engineering Index. While some duplication would result, this should add needed references depending on the purpose of your search.

Above all, do not feel intimidated by the structure of a search. You the user plus a Caltech trained searcher equals success. Online searches may be requested by anyone on campus. Call, or stop by and talk to:

Dana Roth, Millikan Library x6423
Jean Anderson, Aero Library x4521

WANTED

ARE YOU INTERESTED IN BUSINESS, PROBLEM-SOLVING, MARKETING, AND HARD WORK?

If so, please read the following job opportunity.

The Job

We are looking for a potentially high-powered person who is interested in a career position in precious metals trading. You and well-capitalized West Coast-based precious metals company (established in 1965) that distributes gold, silver, and platinum in coin and bar form on a wholesale basis to banks, states and abroad.

Aspects of the Position

The job would entail on-the-job training and a lot of phone screens, thinking what the numbers mean and integrating markets and the activity; and thinking about what's going on adjacent.

-Training in national/international commodity trading of "physicals" and futures.
-You would have a close working relationship with senior company people.
-The position is challenging, requires high-energy and problem-solving, and.
-It's an opportunity for creativity and originality.

Basic Trader Qualities

-An excellent mind (for example, SAT/GRE scores in the high 700's to 800 on both math and verbal).
-Extensive knowledge of precious metals.
-Outstanding sense of "street smarts".
-Agressive, competent, and (subtly) in control.
-Must be able to react and make decisions quickly to market changes and the flow of business.
-Must have a very good memory.
-Must be good with numbers.
-Thinking things through in advance (a strategic-thinking mind).
-Must be self-motivated, dependable, and professional.
-A team player.
-A creative thinker.
-Respect others.

Other Key Characteristics and Responsibilities

-Must provide excellent service to customers.
-A customer person who can work in highly charged, close working relationship with others.
-Must be able to work under pressure.
-Capable of analyzing and understanding relationships between a wide range of information.
-Understanding market level.
-Motivated by achievement and income, a "self-starter".

Compensation

-Salary, minimum, $25,000 per year.
-Medical coverage.
-Parking.
-Potential bonus.

If you believe that this job could be for you, please send (a) your resume, (b) your SAT/GRE results, and (c) a letter explaining why this job could interest you.

Mr. Michael Kelley
A-MARK PRECIOUS METALS, INC.
9696 Wilshire Boulevard
Beverly Hills, CA 90212

We will contact you within 30 days after receiving your information.

P.S. If you know someone who might be interested in this job and would fit these qualifications, please tell them about this opportunity.
Chess Club Rising In Style

Again rising from the ashes, the Caltech Chess Club will hold a 5-round USCF-rated chess tournament on successive Wednesday evenings beginning January 25.

Play will begin each Wednesday at 7:30 pm in Winnett Clubroom 1, with a typical game lasting 3-4 hours. You'll need to join the U.S. Chess Federation in order to participate, with a special "Tournament Membership" available for a slim $5. Entry fee for the tournament itself is $10, with most of the income returned as prizes to the top finishers.

This is not an elimination event; everybody plays 5 games. Games can be privately rescheduled if circumstances require. Show up on the 25th with a set, board, and chess clock (if you have them) prepared for a virtuous struggle.

This Friday, January 20th, the Caltech Chess Club will promote itself through a simultaneous exhibition by National Master (oops, well, former National Master) Doug Dekker in the area adjacent to the usual noon concert. Dekker will face all comers, stepping from board to board in sequence; you make your move each time he reaches you. Losers will yield their place to someone else, unless they are using their own set (in which case they may play as long as they want). Those who draw are invited to toss (the contents of) a bucket of water upon the Exhibitor's person, while those who win may choose between a bucket of water and a cream pie. (The Exhibitor will not reciprocate.)

Play begins at 12:15 pm. There's no charge to participate. Please bring a set if you have one.

Thursday, January 26
8:15 pm

Caltech Wind Ensemble
"POPS" concert

Dabney Lounge
FREE Refreshments

An impressive technological journey began over three decades ago at Hughes Aircraft Company. Today, with more than 90 diverse technologies ranging from sub-micron electronics to large scale systems, you'll find Hughes people forging new discoveries, new futures.

Become part of the Hughes tradition of technological firsts, if your degree is in:

Electrical, Mechanical, Manufacturing or Industrial Engineering, Computer Science, Physics, Electronics Technology.

Requirements may vary. Check with your placement office about Hughes' company-wide opportunities at any one of 12 Southern California locations and Tucson, Arizona.

Hughes representatives will be on campus
January 25
(See your placement office for an appointment.)

Or contact Hughes Corporate College Relations, Dept. NC, Bldg. C2/B178, P.O. Box 1042, El Segundo, CA 90245.

Creating a new world with electronics
HUGHES
HUGHES AIRCRAFT COMPANY

Equal Opportunity Employer
Proof of U.S. Citizenship Required

ON CAMPUS

ALL YOU CAN EAT DINNER

Colonel Lee's Mongolian Bar-B-Q
1115 Fair Oaks
South Pasadena
799-6176

You can make your selection from four kinds of meat and fish, nine fresh vegetables, and ten different Bar-B-Que sauces. The sliced meat and fresh vegetables are cooked on our special Mongolian grill right in front of your eyes.

Russian Language Study in the Soviet Union

SoCiOal Union
5768 W. Pica Blvd.
#203
Los Angeles, CA 90019
213-937-4130

Includes travel in USSR, free summer sessions

Society for Cultural Relations USSR
5768 W. Pico Blvd. 403
Los Angeles, CA 90019
213-937-4130

ON CAMPUS

Thursday, January 26
8:15 pm

Caltech Wind Ensemble
"POPS" concert

Dabney Lounge
FREE Refreshments

An impressive technological journey began over three decades ago at Hughes Aircraft Company. Today, with more than 90 diverse technologies ranging from sub-micron electronics to large scale systems, you'll find Hughes people forging new discoveries, new futures.

Become part of the Hughes tradition of technological firsts, if your degree is in:

Electrical, Mechanical, Manufacturing or Industrial Engineering, Computer Science, Physics, Electronics Technology.

Requirements may vary. Check with your placement office about Hughes' company-wide opportunities at any one of 12 Southern California locations and Tucson, Arizona.

Hughes representatives will be on campus
January 25
(See your placement office for an appointment.)

Or contact Hughes Corporate College Relations, Dept. NC, Bldg. C2/B178, P.O. Box 1042, El Segundo, CA 90245.

Creating a new world with electronics
HUGHES
HUGHES AIRCRAFT COMPANY

Equal Opportunity Employer
Proof of U.S. Citizenship Required

ON CAMPUS

Thursday, January 26
8:15 pm

Caltech Wind Ensemble
"POPS" concert

Dabney Lounge
FREE Refreshments

An impressive technological journey began over three decades ago at Hughes Aircraft Company. Today, with more than 90 diverse technologies ranging from sub-micron electronics to large scale systems, you'll find Hughes people forging new discoveries, new futures.

Become part of the Hughes tradition of technological firsts, if your degree is in:

Electrical, Mechanical, Manufacturing or Industrial Engineering, Computer Science, Physics, Electronics Technology.

Requirements may vary. Check with your placement office about Hughes' company-wide opportunities at any one of 12 Southern California locations and Tucson, Arizona.

Hughes representatives will be on campus
January 25
(See your placement office for an appointment.)

Or contact Hughes Corporate College Relations, Dept. NC, Bldg. C2/B178, P.O. Box 1042, El Segundo, CA 90245.

Creating a new world with electronics
HUGHES
HUGHES AIRCRAFT COMPANY

Equal Opportunity Employer
Proof of U.S. Citizenship Required

ON CAMPUS

Thursday, January 26
8:15 pm

Caltech Wind Ensemble
"POPS" concert

Dabney Lounge
FREE Refreshments

An impressive technological journey began over three decades ago at Hughes Aircraft Company. Today, with more than 90 diverse technologies ranging from sub-micron electronics to large scale systems, you'll find Hughes people forging new discoveries, new futures.

Become part of the Hughes tradition of technological firsts, if your degree is in:

Electrical, Mechanical, Manufacturing or Industrial Engineering, Computer Science, Physics, Electronics Technology.

Requirements may vary. Check with your placement office about Hughes' company-wide opportunities at any one of 12 Southern California locations and Tucson, Arizona.

Hughes representatives will be on campus
January 25
(See your placement office for an appointment.)

Or contact Hughes Corporate College Relations, Dept. NC, Bldg. C2/B178, P.O. Box 1042, El Segundo, CA 90245.
Woody Allen Is Back In Broadway Danny Rose

Woody Allen has done it again in his new comedy, Broadway Danny Rose: he's created a Woody Allen film that's funny, clever, and highly entertaining, and within that a Woody Allen character who's destined to lose despite his efforts.

Allen plays Danny Rose, a theatrical agent who manages small, unsuccessful acts like a ne-ways hypnotist and a water dan zan virtuo. The film tells his dealings with his biggest act, Lou Canova (played by Nick Apollo Forte), and Lou's Mafia girlfriend, Tina Vitale (played by Mia Farrow).

Lou Canova is a nightclub singer with a talent to throw into microphones from hand to hand and to captivate the audience in his music. As far as we're concerned, he's hilarious, but Danny thinks he's a hit and brings him up from the local joints to Vegas and the Valdor. To help Lou for his big night in Vegas, Danny Rose allows his "personal manage-

ment" philosophy and convinces Lou's girlfriend Tina to come see the show. As Woody Allen luck would have it, he meanwhile incurs a slight misunderstanding with one of Tina's Mafia suitors, and in the ensuing chase gets tangled in some life-threatening situations but nevertheless hilarious situations.

Our viewpoint changes later in the film. The characters' situations are not more serious but we look at them with less comic exaggeration and triviality. One of the narrators inter-

"This isn't funny," as another tells Danny's story.

We see the characters here on a more personal level, but their problems remain unresolved and hence the end is somewhat unsatisfying. This is the thoughtful side of the film that distinguishes Woody Allen's work from the less cerebral mainstream of recent comedies.

Broadway Danny Rose opens next Friday, January 27 at area theaters.

Ken Whang

Caltech Legends

from page 1

Though the conspirators are ring around in a house looking for ways to bring down the tower listeners delightfully.

Additional features which make the book still more interesting are the plentiful sup-

periodic Caltech maps, which show how our campus has changed over the years.

So, if you ever wanted to know the true facts about the 1961 Rose Bowl prank, how many macerials from Tech to Pasadena City Hall (and why this is known), or how the David R. Smith Memorial

The Inside World

Black: Well, the Atrid House members were severely chapped by the hormones of any garg reporters that are holding Naomi hostage. Now we can only weep for her plight, but to alert the world to our cause (and indeed to our existence) we've decided to reveal ourselves to you, the public, at a Bunch Lecture Hall at 7:15 pm, just before the movie, and you will see the Atrid House members in their untainted form.

Danny: Tuesday night was Dubney House Initiations. However, the current invasion of Dubney by U.S. Marines and the consequential news blackout won't allow us to say any more about it.

Sources tell us that it will be Dubney House electrons, followed by a party for the new officers and Darbs at large. Come and be counted.

Treasure (me): I note that the current paid social members are Eric Scott, Irene Raptologie, Fritz Nhoodly, and Brian Leahy. I know there are more of you out there, so why not come by and give me money? — Bill Callahan

Fleming: We're having some fun now! Penthouse party last weekend was a great success. Thanks, social team! — Irene Callahan

For a change, the Ruddock Lounge was capacitated. The social team really

Wednesday, January 25

Come and hear what H.P. has to offer! Meet out recruiting team

In Chandler Dining Hall

Wednesday, January 25

7:00 - 9:00 PM

The HP 150 "Reach Out and Touch" Personal Computer will also be demonstrated this evening
announcements

Rotary Fellowships
The Rotary Foundation has announced the availability of fellowships for study abroad in 1985-1986.
Key application deadline is March 1, 1984. Candidates for graduate scholarships must be 18 through 24 and have completed two or more years of university-level study prior to beginning the scholarship, but not yet received a bachelor's degree. The candidate must be proficient in the language of the country in which he or she is applying to study. Preference will be given to those wishing to study in a country with a language different from English. The Foundation will pay tuition, travel expenses, housing, and personal maintenance.
Application must be made through your local Rotary Club, with the Rotary district in which the applicant's legal residence is located doing the Rotarian district in which he or she is studying. Additional information can be obtained from:
Mr. George L. Cassat
Dean Witter Reynolds Inc.
751 Cordova St.
Pasadena, CA 91103
449-5200
Please note that the deadline for applying is March 1, 1984. A handbook and a sample copy of the application are in the Graduate Office.

Toton is Coming
Caltech's "respectable, if irregular" magazine of prose and verse, art and photos, the Toton, will publish another issue this year, so now is the time to start working on your contributions. If you don't think you could make your mark in the world in a non-scientific way. Contributions are invited to David Sahnow, 1-55.

OWC Open Forum
The Organization for Women at Caltech will be having an Open Forum on Thursday, Jan. 26 at noon in Winnett Lounge. This is a chance for women to voice their opinions and for non-members to find out what the OWC is and what the OWC is doing.

INPO Scholarships
The Institute of Nuclear Power Operations is accepting scholarship applications for the 1984-85 academic year. Scholarships are $1,500 per year. You are eligible to apply if your GPA is 3.0 or higher, you are a resident or permanent student and your option is one of the following: Nuclear Engineering, Mechanical Engineering, Chemical Engineering, Electrical Engineering, Application Engineering. The deadline is February 6th, 1984. Applications will be available in the Financial Aid Office, Parsons-Gates Room 10.

Nuclear Freeze Voters for '84
Last December, on the Saturday before finals week, several OWC students and faculty joined with others from the Los Angeles area to canvass the campus as part of a trial run of the Nuclear Freeze Voter '84.
The purpose of the campaign is to locate voters who are supporting Nuclear Freeze and are willing to take the Freeze into con­tact, if possible, with a candidate to vote for. The campaign hopes to locate one million voters in Los Angeles and will tell them of the positions and voting records of the can­didates. It will emphasize freeze related issues as the election year progresses.
Freeze supporters from Pasadena will be joining others from L.A. to canvass in key congressional districts on the last Saturday of every month. This month the targeted area will be Ebony Fiedler's district in Northridge. On Saturday, January 28, volunteers will meet at 8:30 am in Beckman parking lot to car­pool to Northridge. Anyone interested in participating should contact the Pasadena Freeze Office at 792-7076 — Charles Hershky

Bike Rack Design Contest
The Master's Office is spon­soring a bicycle storage rack design competition in response to the need for improved bike security on campus.
Contestants are invited to design racks, corrals, "garages" or something to be used by bike owners to keep bikes in, out, under, around...Individual and group efforts are also encouraged. The designs will be judged on their theft deterrence properties, ability to be constructed, cost to construct, ease in use (will people use it), and aesthetics. The winning designer or design group will be awarded $100.
Contestants may enter more than one design. Design entry forms may be picked up and dropped off in the Master's Office. The deadline for entries is Feb. 3, 1984 at 5:00 pm.

Youth Exchange
The United States Informa­tional Exchange Service is offering a youth exchange program with the United States, West Germany and France.
The program, known as the professional International Youth Exchange Initiative, is open to students ages 15 to 19 and youth leaders, workers and farm youth aged 15 to 25.
Students generally stay in private homes for four to six weeks in the program, whose goal is to develop collaborative, continuing exchange relation­ships between U.S. exchange organizations and youth groups in the three countries. The most money, $400,000, is available for exchange between Germany and France; $150,000 each is available for U.S.-U.K. and U.S.-France exchanges.
Academic, cultural and non­profit exchange organizations are eligible to apply. For more information, contact: The Interna­tional Youth Exchange Initiative (IYEX), U.S. Information Agency, Washington, D.C. 20526, (202) 485-7299 or see the Jan. 4 Front Page. Preliminary applications are due Feb. 15 for United Kingdom exchanges, Feb. 24 for Germany and France.

Faculty-Student Open Discussions
Each Wednesday and Thursday night at 9:30 pm in The Library. Students are invited to a different committee discussion. Next Wednesday will be Academic Faculty; next Thursday's topic will be announced. The meetings are open to faculty, grad and undergrads, and we can use everyone's input. Check your house bulletin board or ask your house excomm member for further information.

Math Club Talk
The Math Club invites all to "Chromatic Polynomials of Graphs," a talk on the applica­tion of graph theory to problems by Dr. Phil Hanlon, Bandrell Fellow in Mathematics. The talk is 7:00 pm on Tuesday, Jan. 24 in 351 Sloan. Refreshments will be served.

Voter Drive Needs Help
The National Student Education Fund and the United States Student Association are holding a 10-week voter registration drive across the country this summer and want students to help coordinate the effort.
Envisioned as a repeat of the successful 1964 voter registration drive through the South, the project seeks to register thousands of the women, blacks, Hispanics and poor people who make up much of the unregistered and eligible voting population. One hundred paid student coordinators will ad­minister the drives and help recruit and organize thousands of student volunteers.
The positions will pay $100 a week for 10 weeks plus up to $500 for expenses. For more in­formation, contact: NSEF—USSA Student Voter Registration Campaign, 11 Du­point Circle, Suite 130, Washington, D.C. 20036, (202) 785-1836 or (202) 775-8943.
The deadline for applications is Feb. 1.

Ice Cream For a Vote
Tie-breaker treaters worth $1 from Haagen-Dazs' Lake Street ice cream shop will be presented by the Caltech Y to all Caltech students who vote in the next Tuesday's runoff election for PCI's board of trustees.
The election is between Sue Miele, a civic activist and newcomer to electoral office, and Roger Germainian, the three-term incumbent board member at the college. Next week's runoff has been called to resolve the tie vote between Miele and Germainian that oc­curred in the general election last November.
The polling place for registered Caltech students is the library at St. Philip's Catholic Church on Hill Street just west of the PCC campus. The polls will be open from 8 am until 8 pm.
To be eligible for the Y's Haagen-Dazs' gift certificate, students should present their ballot stubs in the Y office. Haagen-Dazs and the Y are funding the prizes.

Fairbanks Tribute Ends
Robert Fairbanks, a Centenary Tribune conclude Thursday, Jan 26 at 8 p.m. in Ramo Auditorium. "The Man From Painted Post," notes that "The Private Life of Don Juan" are the final films in this series celebrating the 100th anniversary of the birth of Douglas Fairbanks, Sr.
A lover of outdoor ac­tivities, Fairbanks spent much of his free time hunting, fishing, and travelling to out-of-the-way places. "The Man From Painted Post" portrays Fairbanks as the outdoor character he perceived himself to be. In this film, he plays a range detective trying to halt the activities of rustlers.
Fairbanks' fifth sound film and his last screen effort was "The Private Life of Don Juan," Outraged, Don Juan returns to Seville after a bout of jail and play have been written about his earlier life. He finds, however, that he is unable to convince the populace that he is the real Don Juan. Robert Israel will accom­pany the films on the theatre organ. Tickets are priced at $5. Students are invited to participate if available at the Caltech Ticket Office, 312 S. Michigan Ave. For information, call 356-405.

Wanna B In The T?
All clubs and organization which wish to have their picture (and their acti­vity) printed in the 1983-84 yearbook should either submit their picture to 107 Winnett or make the Big T and contact edito­tor Roger Fong (c396) or send messages to 107 Winnett's for a range for a Big T photographer to take a groupe picture. If no photo­graphs are made before February 20, then it will be assumed that no pictures will be forthcoming and therefore there will be no space saved.

CLASSIFIED
SWIMMIN LESSONS Stroke Improvement. Individual or Pairs. Ages 3 yrs. to 90+. Your own pool. Margaret at 449-8834.
GOOD-BYE, ELISE Hope So Cal has treated you well—have a safe trip back. SME, JK