



Caltech Prank Book is Legendary

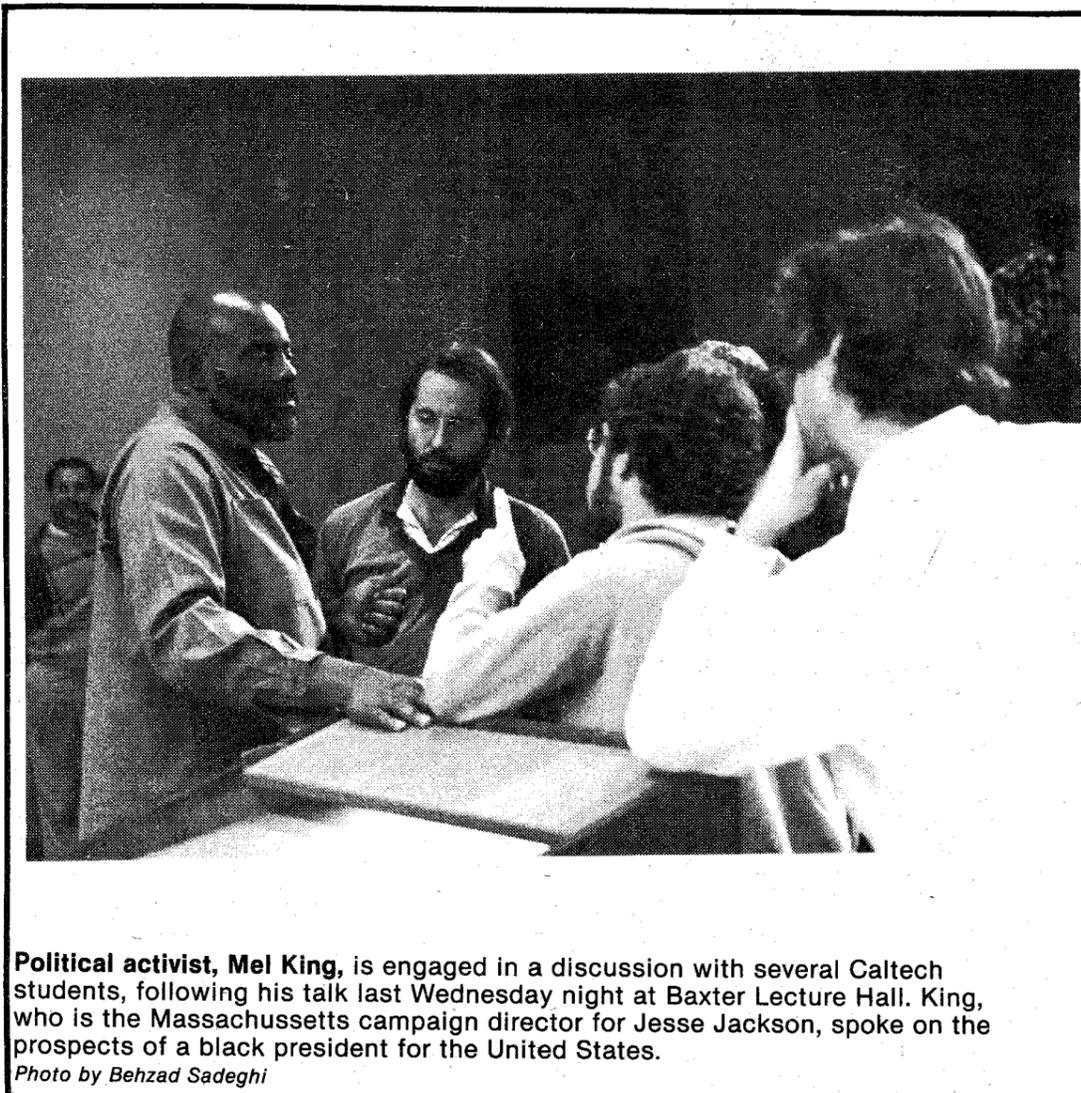
by Stewart A. Peebles

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 Moulton, Harrison W. Sigworth, and Adrian C. "Chip" Smith, Jr., alums all, and published by the Caltech Alumni Association, gives mostly 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 for us by those involved instead of by 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



Political activist, Mel King, is engaged in a discussion with several Caltech students, following his talk last Wednesday night at Baxter Lecture Hall. King, who is the Massachusetts campaign director for Jesse Jackson, spoke on the prospects of a black president for the United States.

Photo by Behzad Sadeghi

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.

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Folk Guitarists Presented

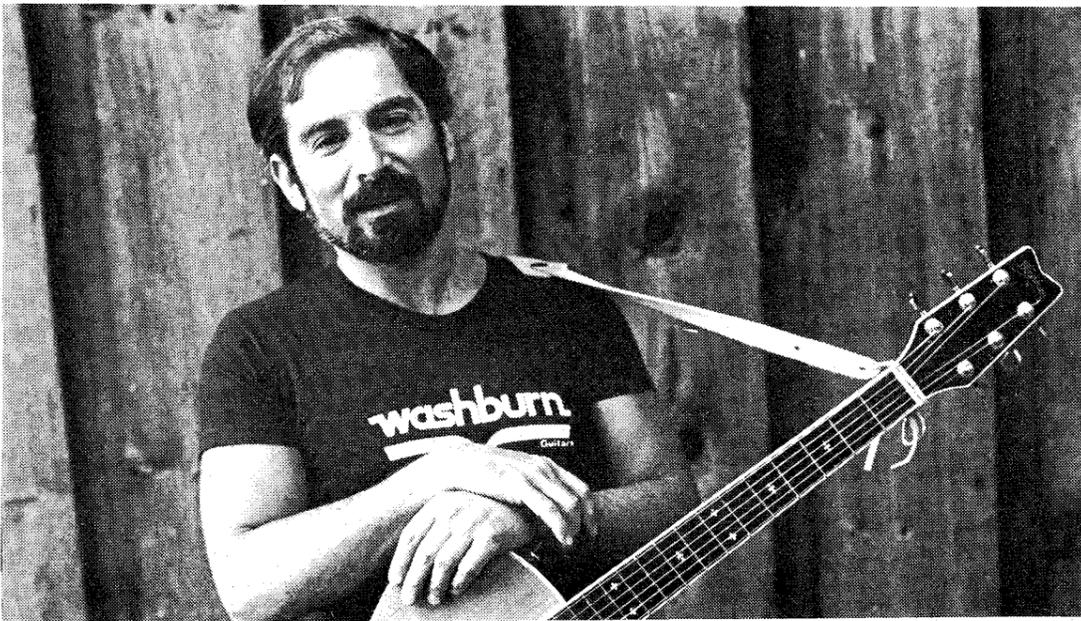
Artie Traum, who has performed at Caltech Y noon concerts in January '82 and '83, will return again to perform on Saturday (January 21) in Dabney Hall at 8 pm. Also performing with Artie will be singer/songwriter Kim Wallach, who will be making her first L.A. area concert performance. The concert is 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

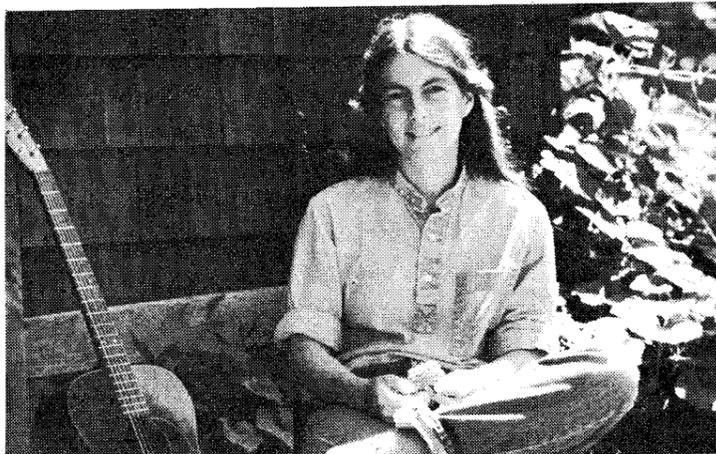
about Artie, "a brilliant and original guitarist with flashes of Django Reinhardt and Doc Watson. Everything sounds great...lyrics, harmony, the works. Fascinating." The *Los Angeles Times* has said, "Artie Traum is a winner. Catch his show!"

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 her show with traditional as well as contemporary music.



The Folk Music Society presents Artie Traum (above) and Kim Wallach (below) this weekend.

Photo by Nancy Mattila



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 5'6" to 5'7", 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 need subject matter. Since fact is often stranger than fiction, I need you!

the gadfly

No. 7

An examination of student life at Caltech

18 Years of Freshman Pass/Fail

Freshmen are graded pass/fail only, for all the classes they take. When the policy was incorporated in 1965, it was a welcome change to help out the struggling frosh who had to be given a chance to try out different option classes and to simply adjust to the rigors of a Caltech work load. 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 standards. 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 classes, 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 arbitrary pass levels in each different class tend to mislead students to think they are less adequate in one subject as opposed to another when in fact, the only inadequacy lies in the grading system itself.

The freshman classes 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 would-be 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 was able to count on one hand the number of points that I passed by, in addition to actionably failing one class. However, in my four graded terms since then, I have gotten only one grade below B and that was a C+. Judging solely by my freshman record, I'd have guessed that I'd often get D's and C's when in fact I was simply misled by the different professors' conceptions of passing. Even when I realized the disparities in the grading then, I did not know the extent of it, making the situation more confusing.

This is not to say the passing criterion in the frosh classes should be lowered to a D across the board, but that if a higher level is chosen the professor should honestly say that B- or C+ performance is what he requires for passing. Also if the classes are treated on a regular graded basis, each student could shoot for his own grade level if he wants to see what it's like to do A work or B work. Then one can really get a fair chance at adjusting to work here as one would have to deal with it in the future. As it is now, first term sophomores often find that they have to readjust their ways of thinking and studying from freshman year since it is a very different approach to study to pass a passing line than to study on grades.

To me, the most obvious disparity was simply that it was relatively easy to fail lots of my pass/fail classes, yet, since then, though I 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 of intelligent that first year (if anything, I was more so then). In all fairness, this disparity should be either equalized or at least explained.

The last point to be addressed is the fact that pass/fail supposedly allows freshmen to sample classes in different departments to help them find an option. While it is certainly noble of the administration to allow frosh to experiment under the aegis of pass/fail, it would be more noble if they actually had some real introductory classes for that purpose rather than trying to make up for the lack of introductory classes with pass/fail. Some options do not even claim to have introductory courses and often those that do, operate them on a level clearly higher and more specific than an introductory class should be. Simply trying to pass off the easiest class in each option as an introductory course will not do, and some options do not even offer their lowest level class until the sophomore year. This pass/fail use is justifiable only as a patch, not an answer, for the situation while introductory classes could be worked out for the different departments.

That leaves us with the last possible reason why frosh pass/fail was instituted, to stem the growing number of frosh leaving Tech in those years. Why is it that people and institutions never change or improve until after you leave them? Ultimatums and cries for change are never heard until it is too late.

—Lily Wu

letters

Rosy 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.

We would greatly enjoy hearing more of the details. Not surprisingly, the media's opinion about what is interesting material differs from ours. If you would like to trade stories or discuss other topics of mutual interest, please write to us at the address given below.

Sincerely,

—Tom H. Adams

Technology Hackers Assoc.
PO Box 206, MIT Branch
Cambridge, MA 02139

Single Transferable Vote?

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 no serious competitors for election procedures.

—Michael Kovari

256-48

ASCIT Notes

As you know, in the elections last week every amendment passed except Amendments #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 spite of 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 announcement helped to defeat the amendment.

The new elections system, however, was passed. Voting in

the first election will be as usual. For races which go into a final election the voting is slightly different so you should *make sure you understand the procedures before voting*. If you are unsure, contact Jeanine Murch (Ricketts), Lew Aronson (Page), myself (x6236), or your house Ex-comm representative.

—Candi McCoy

THE CALIFORNIA TECH

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Turn in copy to the *Tech* office mailbox, room 107 Winnett. The deadline for copy is Wednesday evening at 8:00 pm. Late copy may not be printed unless previous arrangements have been made with the editor.

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The Caltech Y Fly-by

Friday...January 20

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

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

Damien—A one person play by Aldyth Morris on the life of Father Damien (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

Noon Update—'Nuclear Power - Promise and Problems', Milton Plesset, professor of engineering science, emeritus, Caltech. Winnett Clubroom 1. Bringing a lunch.

For more information please call 356-6163.



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Student Houses Are An Easy Target for Burglars

To the Editor:

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

The 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 in appearance from well-dressed young men to scruffy bums. Their experience has ranged from beginning youngsters to seasoned pros with criminal records longer than your transcript. They prowl at all hours of the day and night. Their stories are often cool and believable, or at least believed. For example: "I was in the room because I saw a cat. I'm a cat lover so I went in to pet the cat." "I'm up here on the second floor because I couldn't find a phone downstairs." "I'm looking for John... No, I don't know his last name." After having read a name off the door down the hallway, "I'm looking for Jane Doe." "I'm having car trouble and need to call for a tow." "Someone told me there was a phone in here." "I do my laundry here." "I'm looking for a bathroom." "I'm looking for a drinking fountain."

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 physical changes to make theft 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

(x4701).

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 correspon-

ding 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.

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 them and keep them operational. You are free to decide whether anything or nothing is changed, including the crime statistics on campus.

—Deb Kremer

Columbia Hypertext

"You don't need shoes or socks in space—they're a one G invention."
—William B. Lenoir, PhD (EE) MIT '65, 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 handkerchief, I could 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.

0220—0240

12 Jan 84

—Jonathan V. Post

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sports

Beavers Lose to Oxy, Whittier

from page 1

The Beavers played well early against Whittier, but collapsed after the first eight minutes or so and never made much of a pretense of playing competitive basketball after that. Turnovers were a pro-

blem again, but far from the only one as the Beavers shot only 24% from the field and were dominated on the boards. Peebles scored 12 points and grabbed seven rebounds to lead the Beavers in both categories. Jeff Lester, Chris Cotterel,

Tom Heer, and Bill Gustafson also played well, and Jim Helgren aided the cause with nine points.

The Beavers' next home game is Saturday, January 28, at 8 pm against Redlands.

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 coach thought coming to southern California where there are many schools with fencing programs would greatly benefit his team.

The Caltech fencing coach, George Clovis, viewed this game 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 with Stanford 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 standing 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 finesses 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 riposts.

After the women's match was over, the Stanford women gave our women some sound advice for improving fencing technique, which Caltech women greatly appreciated.

In the men's foil team, Scott Grossman, Andre Burgoyne, and Kurt Anderson made nice parries and riposts. 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, studly James Bell used finesse and brute force and fought aggressively. He has a long reach when he lunges and was able to get a few touches against his opponents. Charles Todd and Mark Peertill, both new epee members, performed very well against Stanford epeeists by almost beating a few of their opponents. As newcomers, these two 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. Chien-Wei Han led running attacks and was able to beat an opponent. He had nice fairs and cuts. Scott Lewicki, who is a new saber member, took the initiative and most of the time chased his opponents down to the strip. He did nice disengages and cuts and performed well overall.

After the match was finished, Stanford men also made valuable suggestions to Caltech men of how to improve fencing movements. The Caltech fencing team had a good time and felt that it was a worthwhile learning experience. They would like to thank coach George Clovis and Warren Emery for arranging this match with Stanford.

The fencing season will resume on January 28th, and the fencing team will be hosting Cal State Fullerton and UC Santa Barbara. This event will take place at Caltech from 1 pm to 5 pm. The women's foil team has a reasonable chance of beating Fullerton and Santa Barbara and thus tying for first place in the Southern California Intercollegiate Fencing Conference. The fencing team encourages anyone interested to come to the game and support the team.

Another reason you might also like to come out and see us is that some of the Caltech fencers are so fast that it seems as though their blades get shorter with every move they make.

Weekly Sports Calendar

Sat.	1-21	10:00 am	Swimming	Whittier & C.M.S.	Caltech (M/W)
Sat.	1-21	10:00 am	Wrestling	SCIAC Dual Meet	U. of La Verne
Sat.	1-21	6:00 pm	Basketball (JV)	Claremont-Mudd	Clare-Mudd
Sat.	1-21	8:00 pm	Basketball (Varsity)	Claremont-Mudd	Clare-Mudd
Tue.	1-24	7:30 pm	Basketball (Varsity)	Pac. Coast Bapt. Bible	PCBB College
Thu.	1-26	7:30 pm	Wrestling	Pomona-Pitzer	Pomona-Pitzer
Thu.	1-26	10:45 pm	Hockey Club	Harbor '2	Harbor '2
Fri.	1-27	4:00 pm	Swimming	Diving Invitational	Caltech (M/W)
Sat.	1-28	10:00 am	Swimming	Cal State L.A.	Caltech (W)
Sat.	1-28	1:00 pm	Fencing	CS Fullerton & UCSB	Caltech
Sat.	1-28	6:00 pm	Basketball (JV)	Redlands	Caltech
Sat.	1-28	8:00 pm	Basketball (Varsity)	Redlands	Caltech

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Enter the Dragon 7:30 pm

What's up,
Tiger Lily? 9:30 pm

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

Director at Large (Freshman)

David Parkinson
William A. Craven
Khanh Nguyen

ASCIT Vice-President

Fred Ferrante

ASCIT Activities Chairman

John Rostykus

ASCIT Secretary

Kurt Andersen
Irene Replogle

Andy Wolf
Leslie Grate
Keith Bowman
Kori Ghandehari
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Praveen Asthana
Richard Murray

ASCIT Athletic Manager

Russell Graymer

BOC Secretary

Stuart Ray
Tim Allen
Steve Pitts

Director of Academic Affairs

Tetsuo Fukuchi

Editor of the California Tech

Ken Whang
Ken Hahn
Chris Meisl

Director of Social Activities

Dan Schwartz

Director at Large (Upperclassman)

Teresa Solberg
Gary Gibbs

Tom Aldcroft
Peter Alfke
Matt Rowe
Josh Susser

Keith Hughes
Charles Cuny
Elliot Hohri

ASCIT President

Kent Cantwell
Paul Graven

The duties of the ASCIT President are to be official representative and to preside at its meetings. The president acts as chairman, without a vote, on the Board of Directors, and as a member of the Executive Committee. The president must be a junior or senior in the fall term following his election. I am running because I believe I can fulfill these duties. I am eligible to run since I will be a senior next fall. If elected I would try to do two things. First, I would go over the books both present and if necessary past so that debacles like last year's failure of funds for the year-book do not occur. Second, I would try to get the WATS line running more smoothly. Currently the account occasionally becomes overdue with the phone company because of shortages of labor available to quad-form the bills to students' individual accounts. I will see that this gets done by performing the work myself if necessary. In general, I will try to read about ASCIT as much as possible and use the information thus obtained to maximize ASCIT's efficiency.

—Kent Cantwell

In the time I have been a student at Caltech I have acquired what I believe to be a reasonable understanding of what "student life" at Caltech is. Overall I believe it is pretty good; however, there are a number of areas in which it can be improved. If elected I intend to pursue policies aimed at improving "student life" at Caltech as well as carry out the normal duties of ASCIT President.

I am currently on the "Unsuccessful Student" Committee for the Faculty-Student Conference and if elected I intend to see that the issues discussed in all of the Faculty-Student Conference committees either continue to be addressed or cease to be issues.

Here are some of the things I would like to see ASCIT do if I am elected:

1. Publish an "Opportunities Handbook" including scholarships, fellowships, grants, transfer programs, exchange programs, and how to apply for them.

2. Continue investigating possible changes in the ASCIT by-laws pertaining to the BOC. (There have been charges that cases that should have come before the board have been dropped and that intimidatory tactics have been used on defendants.)

3. With the help of the

Deans and Admissions people, begin to set up comprehensive exchange and transfer programs including study abroad.

4. Pursue policies encouraging more interhouse social activities especially between the old and new houses.

5. Organize social activities with other schools.

It is very important that the future ASCIT President have experience with the ASCIT Board of Directors and/or the Executive Committee so he or she knows the responsibilities and limitations of the office and can be immediately effective in carrying out its duties.

I am currently a member of the ASCIT ExComm, and have been attending ASCIT BOD meetings fairly regularly. I know what I'm getting into and I'm prepared to do the work. My only other qualification is a sincere commitment to improving "student life" at Caltech.

If you have any questions, comments, or suggestions for me, drop by 242 Ruddock or call me at 578-9079.

Thank you and don't forget to vote.

—Paul Graven

ASCIT Vice-President

Fred Ferrante

The primary duty of the ASCIT Vice-President is being the chairman of the Board of Control. As chairman, it would be my responsibility to 'keep the student body informed of the policies of the board'. Furthermore, I would also be responsible for investigating cases of possible honor system violations.

I share many people's opinion that the honor system is an invaluable institution of life at Caltech. A just and well-operated Board of Control is crucial to maintaining the security and trust that we enjoy. During this past year, I have been a Representative at Large on the Board of Control. As a result, I am aware of the time commitments, the seriousness of the nature of the Board's work, and the importance of protecting not only the Caltech community, but also the rights of the accused.

Being a member of the Board of Directors is another responsibility of the ASCIT Vice President. I believe that I possess the experience and dedication necessary for assisting the President in providing an effective student government.

My decision for candidacy for the office of ASCIT Vice-President is the result of careful deliberation. I welcome any questions that you may have concerning the Board or Honor System.

Thank you.

—Fred Ferrante

ASCIT Secretary

Irene Replogle
Kurt Andersen

As secretary I will take clear and concise minutes at ASCIT BOD meetings, and I will distribute the minutes quickly. I am sincerely interested in doing this job, and I hope that you will vote for me.

—Irene Replogle

I am running for ASCIT Secretary because I feel that I can make a positive contribution to student life at Caltech by being on the Board of Directors. The major duty of the secretary is to record the minutes of all BOD meetings and to be an active member of the Board. If I am elected secretary I would also take minutes of ExComm meetings for the records of ASCIT—something which has not previously been done.

I have had considerable organizational experience here at Caltech as treasurer for the drama club, business manager and lighting director for the annual musical last year and the year before, and in planning and executing several house events in Ricketts. I am currently involved with the upcoming Faculty-Student Conference as chairman of the committee reporting on the Health Center. Overall I feel that my experience qualifies me to be a useful and effective secretary for the ASCIT Board of Directors. I would appreciate your voting support on Monday.

—Kurt Andersen

ASCIT Treasurer

Dave Gallup
Paul Filmer

I am running for the office of ASCIT Treasurer because I enjoy being involved. I feel such a position would allow me to participate more fully in the activities here at Caltech.

Respectfully,

—Dave Gallup

As ASCIT Treasurer during the past year, I have kept the records in what I believe to be the best state in several years past. I have been effecting a program for revision of the books, so that a simpler accounting system might be implemented. This program needs further development, and I believe the best way for this to occur is with continuity of office. I am familiar with the accounts and varied requirements of this office, and should like to have the opportunity of serving ASCIT again for the upcoming year. I would appreciate your vote on election day.

Thank you.

—Paul Filmer

IHC Chairman

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

Last term we all heard a great deal of criticism about the house system and Rotation. Despite these attacks I firmly believe the house system is an important and necessary part of life at Caltech, as it has been for the past 50 years. Of course there are problems from time to time which need to be straightened out. Each house has its own personality, and as with people, these personalities sometimes clash. I am interested in dealing with these problems in a manner that is fair to the houses involved and which will preserve the integrity of the IHC Chairman to maintain civilized communications between the houses, and I believe that I can maintain an unbiased view during the disputes which will invariably arise. Despite the sound of pessimism in dealing with the troubles of Caltech life, I also hope that the IHC can work in a positive direction toward good (or at least respectful) relations between the houses. No amount of work is ever going to make Caltech a really fun place to be, but I hope that as IHC Chairman I can help to remove some of the destructive hatred that has come between the houses, making Caltech a more open and friendly community.

—Doug Stohler

I am running for the office of the Interhouse Committee Chairman as a write-in candidate because I believe that I am better able to fulfill the duties of the office than the signed-on candidates.

I would enjoy the job; I like interacting with people. I have a good idea of what the students here are like, and what they would want. I listen well, but employ my own judgment. If elected, finding ways to generate more interaction between members of different Houses would be a high priority. Although I have never found the House system to be a barrier in making friends, I am well aware of the problems expressed by others, and believe that the IHC Chairman can help eliminate some of the barriers that currently exist. My ability to contact people in all seven Houses is an important asset for this job, since it involves an ability to see

beyond House loyalties. My interhouse character is unique among the present candidates.

I intend to keep in touch with the feelings and viewpoints in all the Houses, and, if possible, will do my best to make interhouse relations run as smooth and easily as my roller skates.

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

Sincerely,

—Phyllis Li

The job of IHC Chairman is unique since it involves participation in both branches of Caltech's student government, the house government system and ASCIT. As such, the job requires a person with unusual qualifications and talents. The three main functions of the IHC Chairman are running IHC meetings, organizing rotation, and serving on the ASCIT Board of Directors. As vice-president of my house, I have attended many IHC meetings and have represented my house several times. I am familiar with rotation, having participated in picks this year. In addition, I am currently a member of the ASCIT BOD, so I am well qualified for that aspect of the job.

I believe that the house system is good but not perfect. If elected, I'll do what I can to improve it. For example, I believe that increased interaction between the student houses is needed. This would discourage stereotyping of the houses and promote greater harmony.

I really want to be IHC Chairman. I believe I would do a good job. That's why I'm asking you to vote for Ed Felten for IHC Chairman on Monday.

—Edward W. Felten

I am running for IHC Chairman because I believe I can do a good job. I am aware of the responsibilities of the IHC Chairman and the importance of interhouse relations and policy. I think an important quality that an IHC Chairman should have is the ability to deal with people. I am quite comfortable dealing with people and I feel I can do it fairly well. I have held house elected office currently serve on the committee on Scholarships and Financial Aid and am chairman of the Student-Faculty Conference SURF committee.

I think I have enough competence to be an IHC chairman (if not, I can always fake it) and besides I'm a nice guy (really I am) and I have a sense of humor.

—Praveen Asthana

I am running for the office of IHC Chairman because I feel I have the

qualities necessary to do the job well. I have served on the IHC for the past year as the President of Blacker House and I think that my experience will be a great asset if I am elected. I am very willing to devote the time necessary to perform the duties of IHC Chairman and I hope you will give me the opportunity to do so.

—Richard Murray

Director of Academic Affairs

Tetsuo Fukuchi

I am running for Director of Academic Affairs, i.e. I am interested in compiling the TQFR. I think the TQFR is more than just a mere statistical reference to courses at Caltech; it is an important publication which may influence the decisions of many minds. I understand the job requires commitment, personal interest, lots of highly efficient work, and organization, among other things. Since I have helped compile the TQFR before, I have some experience in this, and I am confident I can perform the task well.

—Tetsuo Fukuchi

Director of Social Activities

Dan Schwartz

As Director of the ESC for the past year, I worked hard to improve the way in which social events are pulled off here. I was pretty psyched to see that record numbers of Techers attended ASCIT-run blowouts in 1983. I tried to concentrate on proving that Techers could have successful dances and activities. It's clear that we did it!

I had a great time as Director, and I'm flattered that so many of you liked the bashes.

This year, I'm still crazy enough to do it again! I've learned a lot, and want to create some bigger and better fêtes, as well as establish strong social ties with a few other colleges. Of course, I'd want to be an integral part of the ASCIT BOD again as well.

Thanks for your continuing support, and please vote for me at the polls!

—Dan Schwartz

Director at Large (Upperclassman)

Teresa Solberg

Gary Gibbs

I am running for the office of upperclass Director-at-Large because I really enjoy being on ASCIT. I have been ASCIT Secretary for the last year and I like being involved in things around campus—I am currently heading a faculty-student conference committee and am on the freshman admissions committee. I spend a lot of time and work hard at these positions and so far have not missed a single meeting. I take a lot of interest in what's going on and I have a lot of experience—I think it's important to have some continuing members on the BOD to help things run smoothly. I'll do a good job, so vote for me for Director-at-Large!

—Teresa Solberg

The ASCIT Director-at-Large has, as its main duties, the glorified jobs of maintaining the ASCIT van and coordinating the publication of the undergraduate research opportunities booklet. Traditionally the latter has been the responsibility of the frosh Director, but because of recently enacted legislation the upperclassman now shares in the legacy. I am very enthusiastic about sharing in the commitment.

But the commitment for involved leadership should extend beyond the normal required duties of the office. I expect to push for more clear-cut coordination with the ESC and other ASCIT organizations, perhaps by working with the house social councils and seeing how the van can help their individual operations.

Being able to deal with the students and faculty is important for successfully-run activities. As a transfer student from Washington University, I have developed this skill through my involvement in fraternity activities (SAE) and the engineering executive council. At Tech I have served on 2 social councils. Student life at Tech can always improve. I see my proposed contribution as another way I can help out our social situation as well as our academic leadership. I urge you to vote for Gary Gibbs— involvement is the key to our enjoying and excelling at Caltech.

—Gary Gibbs

Director at Large (Freshman)

David Parkinson
William A. Craven
Khanh Nguyen

The responsibilities of a Director-at-Large include management of the ASCIT van and publication of the Undergraduate Research Opportunities Handbook. In addition, a Director-at-Large, as a member of ASCIT, votes on many important issues which affect the undergraduate student body. I know what the job entails, and I believe I am capable of fulfilling these duties, and I would devote the time that the office requires. As Freshman Director-at-Large, I would be willing to listen to any ideas or suggestions people may have. Your support would be greatly appreciated.

—David Parkinson

The Freshman Director-at-Large has as his primary responsibility the publication of the *Research Opportunities Handbook*, which helps bridge the gap between the students and the faculty, and allows students the opportunity to involve themselves in the main business of Caltech—research. I believe that this kind of communication is vital to a healthy scientific community, and it is in this belief that I will act, if elected. I offer nothing more than this belief and the intent of fulfilling it to the best of my ability.

—William A. Craven

My name is Khanh Nguyen. I am interested in becoming Freshman Director-at-Large. I believe I am capable of doing a good job because I can communicate with professors on both official and personal basis.

—Khanh Nguyen

ASCIT Activities Chairman

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

I am running for the office of ASCIT Activities Chairman. I realize the primary duty of this office is

to be in charge of running the Friday night ASCIT movies. I have talked to several people about the movie selection process, and most feel that most of the money is spent on one or two excellent movies and the rest on much lower quality movies. If elected, I would like to poll the student body to see what types of movies they would like to see, thereby getting the movie viewers in on the selection process.

All in all, I enjoy being active with the student body, and seeing how many people rely on the ASCIT movies for weekend entertainment, I would like to improve them.

Sincerely,

—John Rostykus

Yes, we the undersigned are actually running for, and intending to carry out the duties of, the office of ASCIT Activities Chairman. We are a committee, all on one ticket.

—Andy Wolf
Leslie Grate
Keith Bowman
Kori Ghandehari
André Burgoyne

How about you guys all vote for we. We be the real good. he be the worse. We be the experience guys. For the bestest movies, wote God, Z and Jack for Activies Chairman, cos we be the decentants o' the original good guys.

—Simon Goldstein
Denes Zsolnay
Jack Profit

ASCIT Athletic Manager

Russell Graymer

I do intend to run for the office of ASCIT Athletic Manager. In accordance with the instructions I am therefore submitting this notification. Thank you.

—Russell Graymer

BOC Secretary

Stuart Ray
Tim Allen
Steve Pitts

Since I became a student here, I have had an active interest in the workings of the Honor System and, consequently, the Board of Control. When asked by friends back home about Caltech, one of the first things I talk about is the Honor System. I am proud of it, and I want to take an active role in its function.

As I become more familiar with the Caltech community, I am concerned with the proliferation of

stereotypes among the houses. Having lived in both Lloyd and Page, I find it difficult to seriously place such labels on my fellow students. I am no stranger to prejudice, having grown up with aspiring members of the Ku Klux Klan, and I believe that I can deal with similar feelings.

I possess both the interest and the broad-mindedness which I believe are necessary in order to be an effective Secretary of the Board of Control.

Thank you.

—Stuart Ray

I am running for BOC Secretary, and I will tell you as briefly as possible why you should vote for me:

I am interested in, and dedicated to, board work. I think the job of Secretary is a crucial and sensitive office, and I believe my interest and dedication would benefit the community. Furthermore, I believe previous board experience is very important to the Secretary's understanding of his duties, as well as his ability to carry them out. I have been on the board for a year, and feel that my past experience would benefit me in the office of Secretary. Thank you, and remember to vote for both the Chairman and Secretary of the BOC, as both of these offices are important enough to warrant at least that much interest.

—Tim Allen

Myself: "Can you give me a date?"

Morry: "Near the end of first term."

Myself: "So you went to Middlebrook?"

Morry: "Greg [Kavounas] went to Middlebrook...in fact I talked to him after Greg did and we eventually convinced him to restate the policy a little. It was restated twice...in fact I think near the end of first term he restated it again and 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."

Myself: "Okay."

Morry: "At the same time, because it seemed to me that the real problem here was not only 114, but people's attitude about the honor system. My major 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 that, 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 Wales about it."

Myself: "That's good."

Morry: "And got absolutely no satisfaction. He expressed sole 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 what we ought to be discussing is how we combat the real problem rather than the people involved. And we went back and forth and he basically said it was my duty to give him 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 to not report anyone I suspected. I said to him basically 'you can 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 board...It doesn't seem to

me anybody here is too anxious to do anything about it...maybe if they bring me before the Board and accuse me of not turning people in...the shit will hit the fan *per se* 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 bring about some constructive change, but to no avail. The Board was also unreceptive to his plea. It was at the end of second term that Middlebrook, having become increasingly aware of the situation, effectively declared a "no collaboration policy" to the detriment of the great majority of the class. Here is a classic example of where the current system of upholding the honor code seems incapable of handling a serious situation such as the one that has just been described.

My grave concern is that if problems like this continue then we will see more and more of 'no collaboration' homework policies, in class exams, etc., i.e. effectively negating the honor system which has been the hallmark of our school since its beginning.

In this case, I believe constructive work such as an open "policy meeting" with the professor and the class would perhaps have averted the situation. I strongly believe that "an ounce of prevention is worth a pound of cure."

It is under this spirit that I am running for Secretary of the BOC.

Please give me your vote.

Thank you,

— 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

We are seeking the office of *California Tech* Editor feeling that our experience, qualifications, and goals will further improve the newspaper as a respectable and informative student publication. Ken Whang has been editor for the past year and thus has complete experience in the administration of the *Tech*.

Ken Hahn and Chris Meisl have been reporters since their freshman year and have helped establish such columns as the "Inside World" and music reviews. We have all shown extensive interest in the publication and improvement of the *Tech*.

The responsibility of being a newspaper editor is great and, considering the academic pressures of being a Caltech student, we feel that a combined editorship of three experienced and dedicated students will allow the job to be performed efficiently and with continued enthusiasm.

— Ken Whang
Ken Hahn
Chris Meisl

Forging a new middle of the road between past excesses and the current Middle-of-the-Road...

In recent years, the content of the *Tech* has veered from eight-page schizophrenically-typeset in-jokes to bland unexciting competence. We feel that we can put out a paper that is both informative and entertaining.

We will maintain

coverage of campus events, retaining the "Inside World" column and the present quality of sports coverage. We will also expand coverage of cultural events, both on- and off-campus, as well as running movie listings for local theaters, and film and record reviews. News coverage being essential, we will make a strong effort to make the *Tech* more than just a mouthpiece for the Caltech News Bureau. On the lighter side, look forward to comics (Bloom County or Zippy, and perhaps a student-drawn strip) Aunt Zelda's Advice to the Lovelorn, and occasional bits of utter randomness to liven up your donuts.

As four creative kinda guys, half of whom are frosh with time on their hands, we will have the time and energy necessary to put out a real real good paper.

Yours for responsible yellow journalism...

— Tom Aldcroft
Peter Alfke
Matt Rowe
Josh Susser

And now for something completely different...

Well, here you are digesting Friday's lunch and this copy of the *California Tech*. Probably a change of pace for you, since most people don't even bother to read the *Tech* anymore. That's understandable, considering how exciting the *Tech* was last time any of us picked up a copy to read.

It's time to put vim and vigor back in the *Tech*. No more front pages without pictures or stories. No more of anybody's "favourite colourful" spellings. Just some down-to-earth, off-the-wall reporting, editorializing, columnizing, and photographizing.

We've had more experience with the working of the *Tech* than any respectable person should we can get the job done. But, hey, don't let us take any more of your lunch time. There must be hundreds of things to do, places to go, other fun and exciting statements to read. Just remember:

Vote early.
Vote often.
Vote for us.

— Keith Hughes
Charles Cuny
Elliot Hohri

THE ASCIT MOVIE

TONIGHT at 7:30 and 10:00

**the tall blond man
with one black shoe**

In Baxter Lecture Hall

50¢ ASCIT members

\$1 all others

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TEACH IN JAPAN

Persons with a degree or job-experience in such fields as engineering, business administration, finance, pharmacology, linguistics, languages or computers wishing to teach Japanese adults for one or two years in Tokyo and other parts of Japan should write to:

International Education Services

Shin Taiso Bldg.

10-7, Dogenzaka 2-chome, Shibuya-ku

Tokyo, Japan 150

Instructors employed by I.E.S. will teach Japanese businessmen and engineers English as a second language and the terminology in their own field of study or job-experience in Japan.

No Japanese language is required for classroom instruction. Prefer persons with one to two years job or teaching experience, or master's degrees. An orientation and training are given in Tokyo.

Information on salary, transportation and housing can be obtained by providing International Education Services with a detailed resume and letter indicating an interest in the position.

Personal interviews will be held in San Francisco and Los Angeles in late March 1984, and in Hawaii in April 1984. Selected applicants will be expected in Tokyo from June to October, 1984.

The Body Shop

Stress — Make it Good For You

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

Most successful people in history and today have obviously been subjected to a considerable amount of stress and 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, by trying to enjoy it you may be doing yourself a favor.

Sometimes when talking to peers or even seniors it seems they are "struggling" with life despite their intelligence, good looks or pleasant personality. Maybe, above all, their burden 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 adrenalin is being produced by the body. Studies have shown that this extra adrenalin is not burned up as it is in exercise but instead releases fatty acids. 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 fitness and 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 to a point 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 research when 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 Caltech searcher (who keeps up to date with frequent use and training) and, you, the user. In the case of a subject search, it is a good idea to be familiar with the subject terminology of a particular database such as Engineering Index. Hits are limited to exact matches. Alternate spellings, singular, plural, truncation and related terms all need to be considered.

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 combining 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 nor spend time wading 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 CompuDEX, 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 would be working as a trainee for a well-known, reputable, 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, brokerage houses, and coin dealers throughout the United States and abroad.

Aspects of the Position

The job would entail on-the-job training and a lot of phone work; mathematical reasoning in looking at various CRT screens, thinking what the numbers mean and integrating those into prices; creative thinking; thinking about all of the markets and the activity; and thinking about what's going on around you.

- 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).
- Outstanding common sense/"street smarts".
- Aggressive, 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.
- Amiable person who can work in highly charged, close working relationship with others.
- Must be able to work under pressure.
- Capable of assimilating and understanding relationships between a wide range of information.
- High energy 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, to:

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 who could fit these qualifications, please tell them about this opportunity.

Thursday, January 26
8:15 pm

Caltech Wind Ensemble

**"POPS"
concert**

Dabney Lounge
FREE
Refreshments

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.

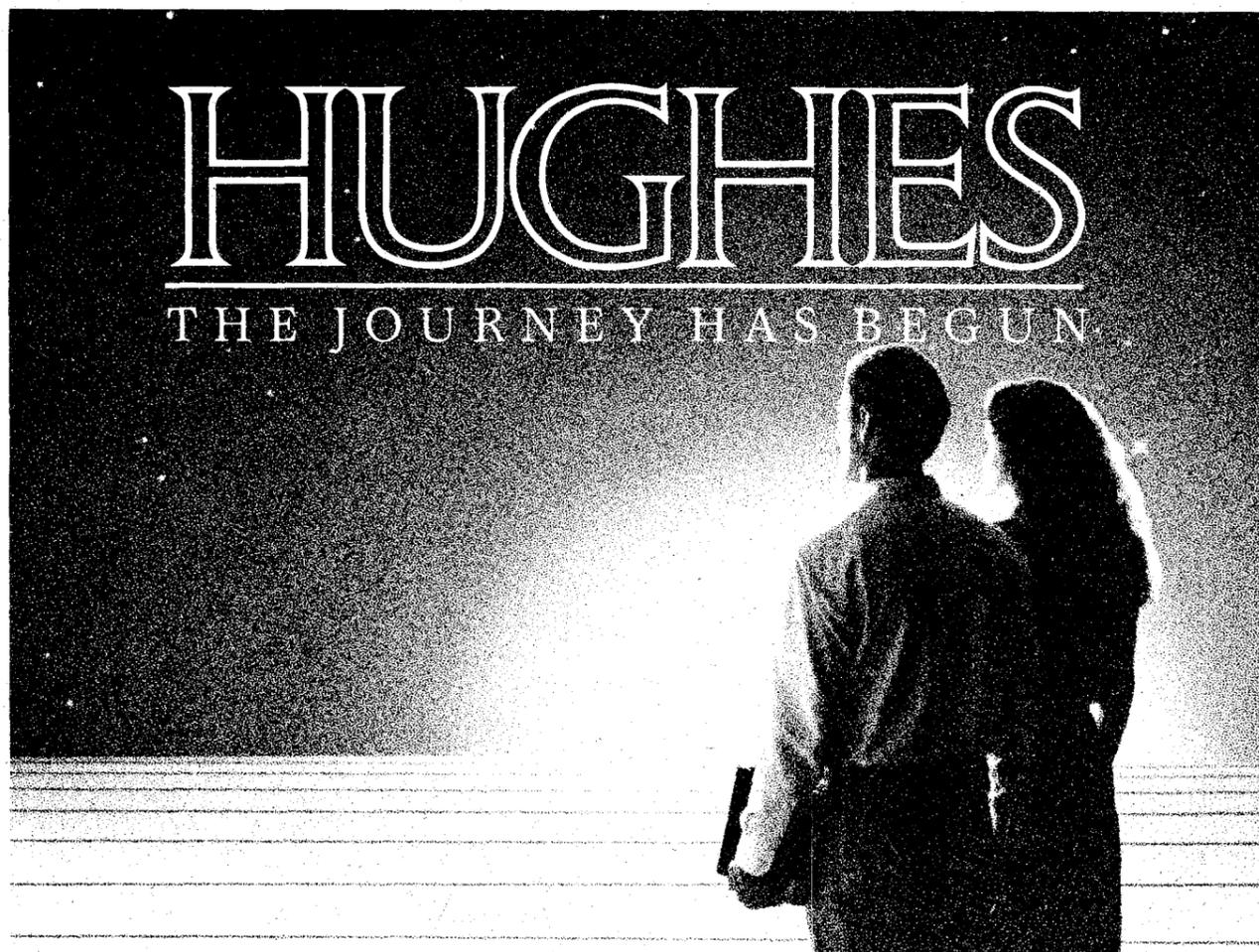
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ON CAMPUS

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 one-way hypnotist and a water glass virtuoso. The film tells the story of 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 his microphone from hand to hand and to captivate the women in his audience. As far as we're concerned, he's horrible, but Danny thinks he's a hit and brings him up from the local joints to Vegas and the Waldorf.

To help Lou for his big night in Vegas, Danny Rose follows 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 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 interrupts, "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 ending 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



Woody Allen, as Broadway Danny Rose, discusses business and personal matters with client Lou Canova, played by Nick Apollo Forte in his movie debut.

Photo courtesy Orion Pictures Corporation, 1984

Caltech Legends

from page 1

as though the conspirators are sitting around in a house lounge regaling one another with their tales of glory as the reader listens in delightedly.

Additional features which make the book still more interesting are the plentiful supply of photographs and the

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 mackerals from Tech to Pasadena City Hall (and why this is known), or how the David R. Smith Memorial

Ramp came into existence, or if you've never heard how Techers detoured Colorado Boulevard traffic through Beckman parking lot or how a freshman in Ricketts returned from vacation to find that his room no longer existed, this is the book for you.

Copies of *Legends* are available for \$9.00 at the bookstore or from the Alumni Association (1-97).

The Inside World

Blacker: Well, the Aird House members were severely thumped by the horde of mutant gophers 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 very existence) we have resolved to reveal ourselves to you, the public. Be in Baxter Lecture Hall at 7:15 pm, just before the movie, and you will see the Aird House members in their untinted splendor.

—Siggie Fernmeister

(and I'm serious. This is really gonna happen. Really.)

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

Saturday night at 6 pm will be Dabney House elections, followed by a party for the new officers and Darbs at large. Come and be counted.

Treasurer (me) reports that the current paid social members are Eric Scott, Irene Replogle, Fritz Nordby, 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! 2-0 in GSC basketball.

Some little boys came over the other night to challenge Fleming frosh in football. Sources say they've been practicing really hard.

Vince, you're welcome in our lounge any time, but bring some dry clothes.

—Ed Zanelli

Page: The last ten days have been filled with activity for Page. Last Thursday, the frosh once again attempted to prove their studliness on the Mt. Wilson hike. Most of them survived the terrors of hiking in the wilderness, but they soon cracked when confronted with deep caves and an occasional armed hitchhiker. One last chance, frosh!

Once all of the frosh staggered home, the second Page Road Rally began (about noon Saturday). Of the seven teams involved, the Ozziemobile, driven by Brian Suggs, was the least clueless. First prize was the Fleming Country Club sign.

Saturday night, "The Michigan" was the fun place to be for a barbecue, followed by the most maximal party of the post-ice age period. Thanks to the MOSH, the Deans, and the Alumni Association for funding, and to everyone who came and enjoyed.

This week, Wednesday was designated as "Waste on Warren Goda" day. Hundreds of victims returned from the dead to harass the devious Dr. Chuck. No more darts, smelly cannons, or severe music will ever ooze from his room again.

Further wastage occurred Wednesday night when all but two of the wonderful waiting staff decided it was more important to go steam tunnel trolling than to serve dinner at a normally tolerant house. All of the absent waiters were treated to cool water in the showers and pond when they finally returned near the end of dinner (about 7:30 pm). Well done, house!

—Sean Moriarty

Lloyd: The new term and new year were welcomed in with several choruses of "Ode to the Essential Singularity," composed by a small group of Lloydies especially for the occasion. Several unsuspecting freshmen were ambushed with large quantities of water as they emerged from their rooms, which were also appropriately drenched. Thus, second term is upon us, and all are hoping that Lloyd will be a better place to live this term around.

—Rod

Ricketts: No entry.

Ruddock: The highlight of the week was Video Day (not Video Game Day) when eight full length movie features were shown on a 7½ foot diagonal big screen TV. Featured were "The Graduate," "African Queen," "Godzilla vs. Monster Zero," "Risky Business," "Raiders of the Lost Ark," "World According to Garp," "Fast Times at CIT," and last and certainly the most, "Insatiable." For a change, the Ruddock Lounge was incapacitated. The social team really deserves a lot of credit for putting this together, and is also commended for choosing "Insatiable" as this year's porn-flick. It was tasteful, enjoyable, and orgasmic.

Also, in a heated game of quarters, led Steve "Stallion" Swanson, Mark "Yarmo" Adams and his sidekick Dave "Rumbling" Ruhde stunned the degenerates of Trojan Alley, featuring Cloud-nine Cromwell, Butch and Donkey, and Ich "Smoke-two-Joints" Takeuchi. The challenge was followed by the REAL quarters game, whatever that means. And this time, all the bottles were gathered neatly—good job guys!

By the way, erection is in two weeks. Nominations are on the 24th, so hurry up, guys! Also, we're playing Lloyd in volleyball for the Discobolus. Also, we got a challenge from the Phlegming Ath Man; hey, there is such thing as order, regardless of what goes on in your house.

—Bubba O'Riley

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announcements

Rotary Fellowships

The Rotary Foundation has announced the availability of fellowships for study abroad in 1985-1986.

The application deadline is March 1, 1984. Candidates for graduate scholarships must be 18 to 28 years old and must hold a bachelor's degree or equivalent prior to the fellowship year. Candidates for an undergraduate scholarship must be between the ages of 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 study of 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 a Rotary Club either in the Rotary district in which the applicant's legal residence is located or in the Rotary 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 91109
449-1240

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.

Totem is Coming

Caltech's "respectable, if irregular magazine of prose and verse, art and photos," the *Totem*, will be published again this year, so now is the time to start working on your contributions. This is your chance to make your mark on the world in a non-scientific way. Contributions may be sent to David Sahnaw, 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 members 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 1983-84 academic year. Scholarships are for \$1,500 per year.

You are eligible to apply if your GPA is 3.0 or higher, you are a full-time undergraduate 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 Caltech students and faculty joined with others from the Los Angeles area to canvass door to door as part of a trial run of the Nuclear Freeze Voter '84 Campaign.

The purpose of the campaign is to locate voters who are supportive of a Bilateral Nuclear Freeze and are willing to take the Freeze into consideration when deciding which candidate to vote for. The campaign hopes to locate one million voters and will keep them informed of the positions and voting records of the candidates in their area on 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. The Pasadena Freeze Office plans to conduct local efforts of its own as well.

This month the targeted area will be Bobby 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 792-8976.

-Charles Hershey

Bike Rack Design Contest

The Master's Office is sponsoring a bicycle storage rack design contest 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 lock bikes in, on, under, around...

Individual and group efforts are both 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 deposited in the Master's Office. The deadline for entries is Feb. 3, 1984 at 5:00 pm.

Youth Exchange

The United States Information Agency has \$700,000 available for youth exchange programs with the United Kingdom, West Germany and France.

The program, known as the President's International Youth Exchange Initiative, is open to students aged 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 U.S.-Germany exchanges, and \$150,000 each is available for U.S.-U.K. and U.S.-France exchanges.

Academic, cultural and non-profit exchange organizations are eligible to apply. For more information, contact: The International Youth Exchange Staff, Bureau of Education and Cultural Affairs (E/YX), U.S. Information Agency, Washington, D.C. 20547, (202) 485-7299 or see the Jan. 4 *Federal Register*. Preliminary applications are due Feb. 15 for United Kingdom exchanges. Final proposals are due Feb. 15 for exchanges to Germany and France.

Faculty-Student Open Discussions

Each Wednesday and Thursday night at 9:30 pm in The Y Lounge. Each night will feature a different committee discussion. Next Wednesday will be sponsored by the Humanities committee; next Thursday's topic will be announced. The meetings are open to faculty, grads, 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 algebra to combinatorics by Dr. Phil Hanlon, Bantrell Fellow in Mathematics. The talk is at 8:00 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 drives through the South, the project seeks to register thousands of the women, blacks, Hispanics and poor people who make up much of the unregistered eligible voting population. One hundred paid student coordinators would 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 Dupont Circle, Suite 130, Washington, D.C. 20036, (202) 785-1856 or (202) 775-8943. The deadline for applications is Feb. 1.

Ice Cream For a Vote

Tie-breaker treats worth \$1 from Haagen-Dazs' Lake Street ice cream shop will be presented by the Caltech Y to all Caltech students who vote in next Tuesday's runoff election for PCC's board of trustees.

The election is between Sue Miele, a civic activist and newcomer to elective office, and Roger Gertmenian, the three-term incumbent board member at the college. Next week's election has been called to resolve the tie vote between Miele and Gertmenian that occurred in the general election last November.

The polling place for registered Caltech students is the library at St. Phillip's Catholic Church on Hill Street just west of the PCC campus. The polls will be open from 7 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

Douglas Fairbanks: A Centenary Tribute concludes Thursday, January 26 at 8 pm in Ramo Auditorium. "The Man From Painted Post" and "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 book 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 theater organ. Tickets are priced at \$5; students \$1 off. They are available at the Caltech Ticket Office, 332 S. Michigan Ave. For information, call 356-4652.

Wanna B In The T?

All clubs and organizations which wish to have their picture(s) printed in the 1983-84 yearbook should either submit their picture to 107 Winnett care of the *Big T* or contact editor Roger Fong (x3961 or send messages to 107 Winnett) to arrange for a *Big T* photographer to take a group picture. If no arrangements are made before February 20, then it will be assumed that no pictures will be forthcoming and therefore no space will be saved.

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