

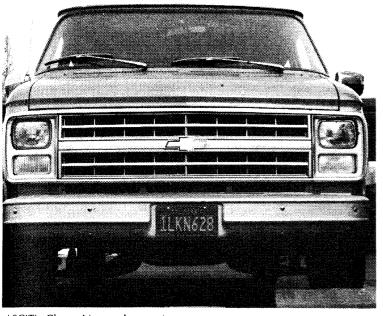
## THE CALIFORNIA TECH

The world is our campus; the campus is our staff.

Volume LXXXVII, Number 7

Pasadena, California

Friday, November 8, 1985



ASCIT's Chevy Van makes a pit stop

## **ASCIT Van For Hire**

by Dave Parkinson

Last January, under the direction of former Upperclass Director-at-Large Theresa Solberg, ASCIT purchased a 1985 Chevy Sport Van. The total cost was \$12,020.19 and was paid for with money from the ASCIT van fund, the Student Investment Fund, and an interest-free \$5000 loan. The van can seat eight with plenty of room for cargo. The ASCIT van

may be used by any member of the corporation at a rate of 22 cents a mile (including gas). For long trips, a gas credit card is issued. Reservations for weekends must be made approximately two weeks in advance, but weekdays are usually open. For reservations or more information, contact Dave Parkinson in Page 103, or at

## **Faculty, Student Conference: Topics Chosen**

by Bibi Jentoft-Nilsen

A group of students and faculty met last Wednesday evening to continue planning for the Faculty-Student Conference. The conference, which is scheduled for February, will consist of six onehour sessions. In each session, a panel consisting of members from different subcommittees will present a report on a particular topic, followed by discussion. After the conference is concluded, the subcommittees will draw up some concrete proposals to present to the administration and faculty.

The topics for the conference were selected at Wednesday night's meeting. The six topics chosen all hold great potential, and deal with important aspects of student life at Caltech. The following are the topics and corresponding chair-

1) Student facilities (including the student center, shop, garage and housing). Rod Van Meter,

Duval, x9387.

3) Other requirements.

a. Humanities/Social Science. Felice Borisy, x9136.

b. Educational computing. There is no chairperson for this one yet. If interested, contact Lisa This conference has the potential of Henderson, x3961, or Dave Brun- making significant modifications to ing, 578-9971.

4) Teaching quality (division ombudsmen, teaching assignments, the faculty and administration in definitions of goals for courses, better coordination between courses). Jean Tang, x3775.

5) Undergraduate research. Saxy Workman, 578-9414.

scheduling (vacation periods and students to take this opportunity to length, semester vs. quarter involve themselves in campus system, reading/study week for affairs.

2) Core requirements. Art midterms/finals, ease/difficulty of under-unitting, student load/ graduation requirements). Ted George, x3961.

These subcommittees need interested students to come and help discuss and investigate these topics. student life at Caltech. It will give the students a chance to work with areas of interest to members of the Caltech community. If interested, contact the appropriate chairpersons and sign up. Sign-ups will also be available in each house. The 6) Student morale/vacation Master's office encourages all

## Fraud Squad

by Peter Parker

"Fraud and Bunco Schemes in the Psychic World," sponsored by the Southern California Skeptics and the Caltech Y, drew a crowd of over a hundred skeptical-looking people, mostly non-student, non-Tech.

The money spent on advertising by fortune tellers in the LA area-some \$140,000 annuallysuggests that fortune telling is a lucrative operation. LAPD Detective Pat Riley and the Skeptics' magic consultant David Alexander, discussed the methods used by fortune tellers to select victims and separate them from their money.

Retirement home complexes, where illnesses, depression, gullibility, and money are common, are often magnets for fortune-telling operations; victims may lose their life's savings, leaving them helpless.

People who go to fortune tellers often have nowhere else to turn. Personal problems lead them to answer advertisements claiming that "Madam Sophia" can cure any illness, find lost items, tell the future, and remove curses. The fortune teller/con artist sizes up the client's gullibility and wealth, rejecting obvious skeptics or beggars, and describes the client's problem, beginning with extremely general statements. The client's specific responses allow more specific statements, and so on, until the client is convinced of the artist's psychic abilities. When the client's trust is secured (perhaps over several visits), the artist reveals the cause of the problem, and how to take care of it.

Often, the cause is a curse. One test for detecting curses involves breaking open an egg brought from the client's home; if the egg contains a hair or some other damning artifact (which, of course, it does), the curse is confirmed. The artist will offer to remove it for a fee. Another test -experienced by an

 $undercover \quad of ficer-involved \\$ pouring 'water' over the client's arms and holding a match to it to see if it burned. That one went to jail.

Mr. Alexander, who is a good speaker and clearly enjoys it, followed Det. Riley's short talk, delivering a half-hour of descriptions of fortune tellers' techniques with several crowd-pleasing demonstrations. In one, a spectator (Dr. Murray Gell-Mann) received a message from a dear, departed one (Niels Bohr); later, Mr. Alexander befuzzled one spectator with sleight of hand while letting the rest of the audience (and Channel 7, too) see just what he was doing to the poor fellow.

The wonderful Caltech facilities showed their spunk, too; the sound system started doing experiments in random impact noise towards the end of the hour, and had to be put down.

#### with Mudd Beerball

by Sam Wang

It's not too late to sign up for beer-ball with Mudd! You've all seen the posters announcing this event around the houses. They tell most of the information about it: at Harvey Mudd College at the Claremont Colleges, Saturday, November 9. The starting time has been moved to 12:30 in order to have the barbecue during daylight hours.

This should be a really fun event; Caltech-Mudd beer-ball games were a common event until several years ago. The people at Mudd are really psyched about it—they had over 90 people signed up for the game alone, and had to have tryouts for the heaviest drinkers! In addition, they have people from other schools who want to play, and "beer girls" from Scripps!

But wait, there's more...

transportation will be free, the beer is free (Lowenbrau), and afterwards, a barbecue, with free food! So people who go will have a good time, even if they don't drink. It's not too late to sign up!

You can get a map from Sam in 220 Ruddock. If you need a ride, the bus is leaving from the Ath parking lot at noon Saturday. If you have any questions, call Sam at x3691 or x6182.

## **Tasting**

by Diana Foss

The Organization for Women at Caltech undergoes its annual transformation into the Office of Wine and Cheese this evening as it presents the long-awaited Fifth Annual Wine Tasting from 5 to 8pm in Dabney Lounge. For the first time, French wines as well as domestic will be included under the guidance of Trader Joe's wine mavin Pat

In addition to the wines, a selection of cheeses will be served. As if that weren't enough, the Cattlemens Restaurant has donated 12 bottles of wine, each of which will be given away in a free drawing.

Everyone is invited, (everyone with the five dollar donation, that is) and this is a wonderful opportunity to meet faculty, staff and grad students and other undergrads in a mellow, relaxed setting. See you

## **Parents Visit Tech**

by Diana Foss

Okay, frosh, so you haven't spoken to your parents since you got on the plane to California. Well, they're frantic to find out what's happening to you. Oh sure, they get vague hints. Someone else's son went to Caltech, and look what's happened to him. Or maybe they're subscribers to the fine publication you're now reading. But, they haven't heard anything about you. After all, you are taking 64 units, and all the upperclassmen are putting pressure on you to build this thing called Interhouse.

Well, the Institute understands. And so, tomorrow, as they have for untold years, the parents of Caltech's freshman class have been invited to tour the campus and find out just what's going on.

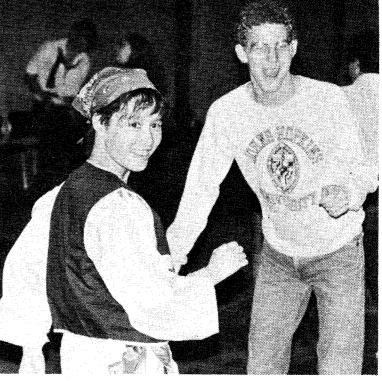
According to Jeanne Noda, Associate Dean of Students, parents really want to know about the daily lives of their children; who Suzy's rooming with, what kind of food she's eating, and how late she's getting to bed. To this end, Parents' Day has been moved from its traditional time of the day of Interhouse. Noda hopes that parents will have a little more time now to see their kids, rather than watch them run around turning the house into a replica of the Cathedral of Notre Dame.

The day begins with coffee and a panel discussion on Life at Caltech. The Dean of Students, Master of Student Houses, ASCIT President, IHC Chairman, and Associate Dean will comprise the panel.

After lunch at the Athanaeum and a concert by the Caltech Glee Clubs, V.P. for Student Affairs will address the group. Then it's off on a guided tour of campus. The day ends with an afternoon tea, sponsored by the Caltech Service League, which all the freshman advisors and professors of freshman classes are expected to attend.

All in all, 143 people, representing 78 families (out of a possible 230) will attend Parents' Day. Several are coming from as far away as the east coast.

So, there's no hiding any more, frosh. Your parents are finally going to see what kind of a place you've landed yourself in for the next n years. Let's hope they like it as much as you do!



Jean Tang and John Hopkins at the Lloyd-Ruddock party.

## The Editors' Desk

We wish to apologize for an omission in last week's issue of the Tech. The front page story "Firemen Douse Dabney Bonfire" was written by Tim Allen. We wish to thank Tim for contributing the article and hope that he will pardon the accidental omission of his by-line.

On a somewhat related note, we have received several comments on the omission of certain words from

two columns printed in last week's issue. The articles concerned were the letter from Alan Bostick and the review by David Hull. (See Letters to the Editor below.) The words omitted were words which we, as editors, consider to be vulgar and unsuitable for print in this newspaper. We wish to maintain high standards of professionalism during out term as editors and our policy is, and will remain, firm on

the subject of printed profanity. Namely, we feel that profanity detracts from the high quality of journalism we are striving to maintain and, therefore, simply refuse to print it.

We do not, however, wish to offend anyone. Since the articles appearing in our last issue were edited without informing either of the authors of our position, we feel that an apology is in order. Please

excuse also our crude method of censorship. In the future we hope that there will not be a problem with regards to profanity. Should we receive material which does include profanity, however, we will edit it as we see fit, but we will try to preserve continuity.

> -Peter Ashcroft Paul Gillespie

## **LETTERS**

To the Editors:

A narrow view and a closed mind are anathema to the educated. These characteristics, I believe, are what most intellectuals find offensive in the Moral Majority and similar organizations. For this reason, I was disappointed by a Letter to the Editor in the Nov. 1 issue of the California Tech by Phil Albert and Glayde Myers. Hopefully, readers of this letter will not believe the rest of the student body is so intolerant and ready to deny the rights of fellow students. To quote, I "have no desire to see the Caltech reputation behind our diplomas besmirched by this plethora of negative publicity.

Although I have no connection to CLAGS, I realize that respecting the rights of its members can only display the "honor and integrity of our alma mater."

-Robert Sweeney

To the Editors:

That was a fine letter, Glayde and Phil-don't get me wrong. You just made a few minor and easily understandable mistakes. For instance, it is not militant to put posters up, and it is militant to tear them down. But don't let this discourage you from writing more fascist letters to the Tech.

-Mike A. Rigler

To the Editors:

We would like to thank Phil Albert and Glayde Myers for their letter of November 1, which clearly illustrates the blind prejudice and homophobia latent in this "rational" community. Such incidents reaffirm the need to raise gay consciousness at Caltech, and so confirm CLAGS in its role as a link between the campus and the greater gay community, and as a figurehead for gay liberation at Caltech.

The letter of last week deserves no response in and of itself. students distinguish reason from paranoia. However, the letter does provide a response to those who argue CLAGS should act as a social meeting place and nothing more.

Remember that gay men and women are perhaps the most openly persecuted minority in the United States today. We are fighting more than just ignorance, fear, hatred, and bigotry - we are fighting the elements of society which insert these into the minds of otherwise intelligent and reasonable men and women. Someday soon, prejudice against gay men and women will be seen as no less contemptuous than prejudice against Jews, blacks, or any other minority. In the meantime, CLAGS will serve the Caltech community as it has beenpromoting gay awareness and serving gay liberation on campus.

CLAGS has a discussion group every Monday night at 8:00 in the Y Lounge (upstairs Winnett, through the Y Office). We also have a library of gay related materials, as well as information on local services and events. If you have any questions, or would just like to talk about a relevant topic, please come to a meeting (or contact a member listed below).

-Greg Bailey, 356-9617 Doug Cutrell, 356-9387 Dave Doady Joseph Francis, 578-9918 Lisa Giaimo, x6171 George Kelly, 281-9118 Bonnie Petheram Paulo Raffaelli Eric Stier, 578-9773 Josh Susser Ralph Wolf, x6830

#### Lawsuit

To the Editors:

Did Jim Bell purport to give us an impartial account of the Brynen vs. Caltech sex discrimination case in his article, "110,000 Big Ones"? Bell seemed to be repeating the party line, defending our sacred and righteous Institute against ridiculous allegations of sex discrimination. How interesting that an impartial U.S. District Judge ruled against Caltech, and that this is not the first time our Institute has been found guilty of sex discrimination. How nice it would be to have Bell's certainty that Caltech does not discriminate against its employees on the basis

-Holly Eisler Graduate Student, Geophysics

#### Censorship

To the Editors:

The use of the word " my review of Escape to Our Underwater World is one of the few truly factual details in the article. And besides jeopardizing the journalistic integrity of the Tech, snipping it out [mess]es up the flow of the prose. As I need all the help I can get with prose style, I'd just as soon you'd left it in. Failing that, I would have preferred to have the two-sentence passage containing it removed whole, rather than spoiling the rhythm of the writing with an irritating gap. For what it's worth, I heartily disapprove of the half-[heart]ed route taken.

In case there's another such gap in the first sentence, the word left out rhymes with "duck". But the timing is spoiled now, anyway, so what does it matter.

-David Hull

#### **Missing Persons**

To the Editors:

There were bound to be a few things missing from the little t, but I did not expect one to be me. Any "T" is a "very little t" if Derek (Lungbag) is in the Student Directory and I'm not!

To all the ignoramii (Is that right? radius-radii) deprived of my omniscience by this ignominious oversight, I can only express my genuine condolence - and hope that your stay will still be tolerable!

Very painfully yours,

–Vineer Bhansali

#### Sam Posters

To the Editors:

Last week a letter from Mr. Alan Bostick regarding the recent appearance of posters libeling a person identified as "Sam" appeared in the Tech. As a person who, unlike Mr. Bostick, knows "Sam" and the persons tormenting him, I would like to say that I found this letter personally offensive. I no doubt agree with him when he describes those responsible for the posters as "baboons" and "third-graders." However, Mr. Bostick implies that these people are trying to single out one of Caltech's more extreme "jerks" and "weirdos"; indeed, he describes their actions as "attacking one of our flakes." In my experience with "Sam" I have found him not only to be extremely gifted, but very decent and personable as well. It is not surprising that some of his more insecure peers would make him the object of their contempt for this very reason. In implying that "Sam" is actually on their level, Mr. Bostick is both insulting an innocent person and aiding the propaganda he himself condemns. I'd rather he didn't do this.

-Donald Finnell

The editors regret that due to the volume of this week's mail, it was only possible to publish a representative sample of the letters received.

## The Caltech Y Fly-by

Wednesday...November 13

The first Noon Update of the year! Al Hibbs from JPL will talk about "JPL and the Space Program." In Clubroom #1 at lunchtime.

Dr. Shlomo Aronson will speak about "Israel in the Middle East..." Baxter Lecture Hall at 7:30 PM. Co-sponsored by Hillel & the Y.

Thursday...November 14

"The Unvarnished Truth," a play at the Ahmanson starring John Ritter & James Coco. Sign up in the Y. Tickets are \$5 and the Y-Car leaves at 7:45 PM.

Sign up for:

The L.A. Philharmonic - The Pasadena Philharmonic Committee has donated tickets to the concert on Sunday, November 17. Free. Signups close after 10 people sign up.

Ski Trip-Friday night, Saturday, and Sunday, November 22-24. Get out of Tech & up to Mammoth the weekend before Thanksgiving. Tentative cost is about \$50.

Thanksgiving Dinner – The Y is trying to match students with local families so that people aren't stuck eating peanut butter and jelly for dinner. Interested in hosting or being hosted? Sign up

> Any ideas, comments, or questions? Come by the Y or call us at x6163.

Nov. 1 Solution

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## THE CALIFORNIA TECH

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## ASCIT MOVIE TONIGHT at 7:30 and 10:00





Next Week-The Jerk in Baxter Lecture Hall \$1.50 all others \$1 ASCIT members

## 3

## **ENTERTAINMENT**

## **ASCIT Movie**

by Matt Rowe

And the Ship Sails On

Directed by Federico Fellini

ASCIT Movie

Yes, it's another one of those interminable artsy flicks, and yet again I'm going to try to override your unjustifiable prejudices and convince you to go see it.

And the Ship Sails On (1983) is the latest film by Italy's greatest director, Federico Fellini. (You may have heard of La Dolce Vita.) Well, anyway, this is about some funeral voyage for this opera diva (SEX), and there's all these weird people on board, and a rhinoceros. And it's 1914, and the ship is in

Serbian waters, and there's an Austrian nobleman aboard (*DEATH*). (Check your history books.)

But none of that matters, because Fellini's films never have plot. You watch 'em for the cinematography. Uh-oh, you're thinkin', that means thought. Yes, And the Ship Sails On is one of the funniest (BIG LAUGHS) movies ever made, if you watch it intelligently.

people on board, and a rhinoceros.
And it's 1914, and the ship is in

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Fleming: Vnight was 8½ the record foof 24. Much "While the upperclassmen Good thing, and took our was back and of 8½ frosh."

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## The Inside World

Blacker: Well, I guess we had an OK party, thanks for coming. We'd also like to congratulate those new wild & wooly members of The House of the Month Club: Josh, for not wearing anything; Nancy, for wearing just enough; Dave and Tom, the Blood Brothers; Scott, I think, and finally that great boffer of apples, Terri. No, Jarita. No, Peter. Yes. Let's give them a big rousing huzzah, so commands the Great Pumpkin. Speaking of Great Pumpkins, has anyone seen Nathan's Snoopy sheet? It's lost and he's acting like Linus. Again, thanks to all the Darbs (& bar), Scurves, Rudds, Page "dudes", the few Lloydies (Miss the party, Dave? Shame!), and the one Flem who made a mess of our humble abode. We'd also like to thank those fine upstnding officers of the Pasadena Police Department who didn't throw us in jail, even after Nathan "More guts than brains" Inada screamed a long string of profanities into the larger policeman's face. Finally, does anyone know what to do with week-old Long Island ice tea? We still have three gallons in our refrigerator. (No, we are not giving it to Mike P.) Keep those ideas coming. -The Crown of Mars (and six mere mortals)

Fleming: Well, well, it's been a busy weekend for 8½. First Friday night was 8½ for 1 night in the dining room. Brain Damage now has the record for most floats in one night—47, destroying the old record of 24. Much thanks to lower ganja. Everyone knows the old saying, "While the upperclassmen are away, the frosh will play." Well the upperclassmen were away, and the frosh moved 8½ to the dining room. Good thing, too, because everyone's favorite Page sophomore came and took our door. I'm sure everybody is relieved to know that the room was back and open for business by Sunday afternoon. Beware the wrath of 8½ frosh.

Just where, though, were the upperclassmen? They were at one hell of a party at Deming's place. Way to go social team. This weekend, Laserium!!! Tonight, the grand re-opening of the Savage Toad in Rm. 30. Pay your bar bill, pay your fridge debt, build Interhouse and snake, frosh, finals are coming...

By the way, Matt Himmelstein is a weenie. -Al Fansome **Lloyd:** Jay slept while Nancy danced the night away. Final count was twenty-four for one song, but it was the extended version.

The alley frisbee craze reached a diabolical frenzy with the discovery of The Suit in the HQ shower. Who owns it? Who wore it to the World's Finest Restaurant? Why won't it go away? Chris and Rob should stay out of redecorating, and stick to simpler stuff.

Dance interhouse, and don't forget the turns. Finally, the last act (tragedy). We're on the last superball, and then it's back to sticks and stones. Help us find a local habitat for those cute litle yellow and orange critters.

(coda) Everybody write to Tiger. And don't forget the girls in Arizona. -J.P. Page: Parky's commie party meeting went well. The Power made it

**Page:** Parky's commit party meeting went well. The Power made it interesting when he tried to dismember Vito. Golly's water wheel can't spin without a frosh push.

SCummings is quite the object since SMurph's letter. Hey, Aram. How's Page? Koonem kezee, big E. The Pearly (not Early) didn't say a word from Sunday to Wednesday.

The ride is way ahead of schedule! It might even be finished in time. No, that can't happen.

Jim, call the hall. They're all closed for the wooden ride support. **SURVIVAL!** All who do survive will kick some big *insert color* butt.

- Sam Oht

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## -Stanford MBA-

PLAN FOR YOUR FUTURE FRIDAY, NOVEMBER 22

A representative from the Stanford Graduate School of Business will be on campus to discuss the exceptional educational opportunity of the Stanford MBA Program with interested students in small group sessions.

Appointments may be made through The Career Development Center

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## **ENTERTAINMENT**

by Brian Warr The Creation of the Universe by Timothy Ferris

The Creation of the Universe is religious propaganda, perceptibly Catholic. In the second half of this ninety-minute televisio special we receive a prayer, a verse or two from Genesis, and some quotes on the nature of God from Einstein. We are informed that Kepler, Newton and Galileo (!) were all deeply religious men.

Even today theoretical physicists in general believe in God, but it is true, Ferris sadly reveals, that the Nobel Prize has occasionally been awarded to "atheists, agnostics, Jews, Buddhists, Muslims and so on." (If you throw in a gay, a black and a cripple you can form James Watt's famous committee.)

Finally, we are told that science owes a great deal to religion. This is an outrageous historical lie. I wonder how many of the Caltech audience bought it last Wednesday.

As a television program it was disappointingly low-tech. Mr. Ferris peers into a clapped-out telescope-voilà, a photo of the Virgo Cluster! We walk step by step back in time in Manhattan, but we seem to go forwards and backwards and totally at the wrong rate. My favorite was the top window of the lighthouse. Again we take our hackneyed steps backward in time and the window is to reveal the very moment of creation. But it's locked, damn it. Oh well!

The graphics of particle interactions were passable, but better colors could have made them clearer. For some reason the 'grand unified' X-bosons were depicted as huge spherical blobs interacting with tiny sperm-like objects which were the photons and Z-bosons. In fact, it's the X-bosons which are small.

With regard to physics there was a good stress on the relationship between very large scale structure and very small scale structure. This is indeed the key idea. There was also a very interesting comment by Hawking that the Universe may be boundaryless, so that the Big Bang is like the North Pole of the Earth. There is nothing 'before' the Big Bang in the same way that there is nothing north of the North Pole. That, as a mind-boggling idea, is a hot one

The other physicists' comments were not very exciting, except for Wheeler, who imagined that soon the ultimate theory will be found and physicists will turn to each other and say "That's it, that's the universe." Oh sure.

One irritating myth that should have been exploded is the idea that unification of the forces with gravity is the only thing left. If that's really true, what are they doing at CERN and Fermilab? (You wouldn't see quantum gravity even if you built an accelerator from here to Alpha Centauri.)

Overall, the presentation of the physics was a little chopped up, but just about everything was there. It was a pity, though, that the example of electro-magnetism was a baseball being hit by a baseball bat. "Solidity is an illusion created by electric and magnetic forces." This is a truly obscure example.

It was curious to note that in the list of great physicists, there was no Feynman. On reflection, he was well out of it.

## TV or Not TV Life's little Necessities

Truffaut Films: Two of his finest films, The 400 Blows (Truffaut's first feature) and Jules and Jim, Fri. and Sat. at the New Beverly Cinema, 7165 Beverly Blvd., L.A., (213) 938-4038. Call for times. With Stranger Than Paradise Sat. midnight.

Kathak Dance: Anjani Ambegackar's company of Indian dancers. Beckman Auditorium. Sat. Nov. 9, 8:00 pm. \$10.00-8.00-6.00 faculty and staff. \$6.00-5.00-4.00 with student I.D. \$5.00 student rush.

The Man Who Came to Dinner: A terribly funny old movie starring Bette Davis, Billie Burke, Jimmy Cagney, and more. With All About Eve. Nuart Theatre, 11272 Santa Monica Blvd., West L.A. Sun. Nov. 10. Man: 2:00, 6:45; Eve: 4:15, 8:55.

Alzheimer's Disease: This year's second Watson Lecture, given by Elias Lazarides (Associate Professor of Biology). Beckman Auditorium. Wed. Nov. 13, 8:00 pm. FREE.

Inside World (continued from page 3)

Dabney: With every manufacturer extending its line to include Diet, Caffeine-Free, New, Old, Classic, and Cherry Formulas, the average soft drink consumer must meet a trmendous challenge to specify his drink of choice. To ease this in a radical new way, Dabney House, in association with the International Cola Council and the Nuclear Regulatory Commission, presents:

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Ricketts: Get ready for the biggest social event o' the year. Bigger than Interhouse, bigger than Beer Ball with Harvey . . . . It's House Trip to the Lum mis Home. Please wear comfortable walking shoes, and no flash pictures wil be allowed. This will make up for the social wasteland of last week.

New hot items in Ricketts House: Peter/Pete & Melanie (born just hours apart on this date 21 years ago), Robin & Jonoto, Joy & James (kissy-kissy). Sam Weaver & Karen "Wear a Helmet" Siegrist, Craig & Heidi, and Dan "The Man" Raguin & Laura "O-ree-gon" Smith. Cognoscente Jens "Punker" Alfke amazes all with his hickey the shape of Texas (or was it Maine?).

Philosophical notes: New carpet is a joy to everyone. Those racks of carpet at Carpeteria are like an ocean of refreshment for one's wiggly toes. Remember when driving your carget home, alert other drivers of you new joy with a menacing "Watch the carpet, Buddy!"

Yangle, Yangle, Yangle

-Saxy

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**COMPANY PRESENTATION** Wednesday, November 20-4:00-5:00 pm Winnett Lounge Refreshments will be served. ON-CAMPUS INTERVIEWS

Thursday, November 21

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by Berke Breathed

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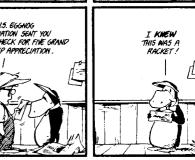
















## Movie Review

by John Fourkas

Target Directed by Arthur Penn Warner Bros./CBS

It's been a long time since I've seen a really good adventure film. A View to a Kill was an utter disap-Gotcha! pointment. reasonable, but hardly high calibre. Well, let me be the first to say that my thirst has been slaked by the new Warner Bros./CBS release Target.

Target sounded intriguing from the start, if only for the seemingly ill-matched cast (including Gene Hackman and Matt Dillon). Richard D. Zanuck and David Brown are not producers to be taken lightly, either (their credits include Jaws, The Sting, and Cocoon). Finally, Arthur Penn (Bonnie and Clyde, Alice's Restaurant) is no lightweight himself.

Nevertheless, Target has a rather inauspicious opening. The audience is treated to a dismal view of a dreary Texas town and a rather banal family. The son (Matt Dillon) has dropped out of college and wants to race cars. He is at odds with his father (Hackman), a lumber salesman who won't even drive the speed limit. When Mom leaves for Paris and tells Dad and son to get along, it begins to look like it's going to be a shoddy version of On Golden Pond. In fact, Dad-er, Walter Lloyd-and Chris spend the weekend fishing.

All is forgiven minutes later, however, when Hackman receives a call saying that his wife is missing. The film suddenly catapults into a spy thriller, after which comes the realization that the first ten minutes of the film were purposefully hokey. Not to worry, the action never stops from here on

Target is indeed a perfectly calculated film. Dramatic scenes are well punctuated with action, and all of the action scenes go like clockwork. After the first ten minutes of the movie, there is no real dead time. Penn's sense of timing in Target is truly magnificent, and not a second of his footage could bear being left out. This fine sense turns a fair script with a few holes into a truly edge-of-the-chair thriller.

It is hard to say who puts in a more surprising performance, Hackman or Dillon. Dillon starts off playing the dopey teenager role I have come to expect from him, but he proceeds to stretch it out for amazing depth. In anyone else's continued on page 7

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## **SPORTS**

## Football Mash

by Mike Rigler

Let's get right to the action. The first quarter was a blood-soaked nightmare. Coach Parker stood aghast as, one by one, his Beavers were cut down by the Inner City Intruders. The first string was depleted continuously during the first half. At halftime, the score was 3-13 thanks to an accidental field goal by Raul Turcios (54). Our trainer, Jaye Penwarden, had run out of bandages. The team physician, Dr. Jud James, attempted to halt the game at this point. "This isn't football!" he appealed to the referees, "It's World War II all over again!"

Coach Parker, in his mercy, asked for volunteers to go in for the third quarter. Tears filled his eyes when the entire second string stepped forward as one man. The second defense miraculously managed to hold the Intruders, and the second offense eventually scored a touchdown, late in the fourth, pushing the score to 10 - 13

But the touchdown was paid for

with blood! Few of those brave lads were able to walk away unassisted. Using the last time-out, Coach Parker quickly formed a team consisting of coaches and third-stringers, saying, "Men, we've got to make their sacrifice worthwhile!"

An interception by Coach Bond gave us the ball on the Beaver 35 with time remaining for just one play. Coach Renfroe snapped the ball to Coach Tashima who faded back, back, back for the long bomb. Coach Bridges held back the Intruder pass blitz as Coach Parker dove across the goal line for a touchdown reception! The crowd went wild!

After hearing the final play on the hospital radio, the injured players threw down their crutches and leaped from their beds and hugged each other with joy. "It's a miracle!" gasped the doctors in unison, "Now if only little Jonathan will pull through!" Sure enough, Jonathan was out of intensive care and back in uniform in just three

Then Coach Parker woke up. "There is no place like home," he yawned, as he snuggled deeper into the covers of the bunk bed he shares with the other coaches in the cottage in the middle of the woods.

All right. That was a stupid story and I apologize to anyone I've offended (or sexually harassed, as M.G. would put it). The truth is that the L.A. Outlaws failed to grace us with their presence last

Saturday. This was disturbing for everyone, including the players, the coaches, the fans and the cheerleaders (who can almost build a pyramid, now). This has not happened in seven years, however, and will probably not happen for another seven. The Beavers have

Estoy tan embarassado. Mi español no es bueno.

#### their sights set south of the border where we will pulverize the Mexicali Rojos this Saturday.

## WEEKLY SPORTS RESULTS

Soccer	Caltech 4 Occidental 3 Oxy J.V. 5	Whittier 3 Caltech 1 Caltech J.V.
Club Soccer Volleyball (W)	Caltech 5 Masters College 3	Corinthians ( Caltech 0
Water Polo	Cal Poly SLO 17 Claremont 21 Whittier 20	Caltech 9 Caltech 3 Caltech 11
Fencing (M)	CSUF 3 UCSD 3	Caltech 0 Caltech 0
Fencing (W)	CSUF 1 UCSD 1	Caltech 0 Caltech 0

Caltech 4th in SCIAC Cross Country (W) Caltech 5th in SCIAC Cross Country (M) L.A. Outlaws - No Show Football

## **IHC** Highlights

by John Beck

The following were the main issues discussed at this week's IHC meeting:

RFrule update replaces section 4 of "Resolution" (at the bottom of pg. 115 of the Little T): "Property shall not be damaged or defaced by an RF. Especially prohibited from RF's due to their irreplaceable nature are the Fleming House President's Bell and the Ricketts House Gong.'

The North Complex Laundry Room is desperately in need of a fan or an air conditioner. With its six dryers and minimal ventilation the heat and humidity can really be overpowering. The housing office has been informed of the situation but, as usual, it will probably be a while before anything is done about

South House Rehabilitation which has been discussed recently is moving closer to realization. There has been a big push by Provost Vogt, Vice President for Student Affairs Morgan, and Treasurer Morrisroe.

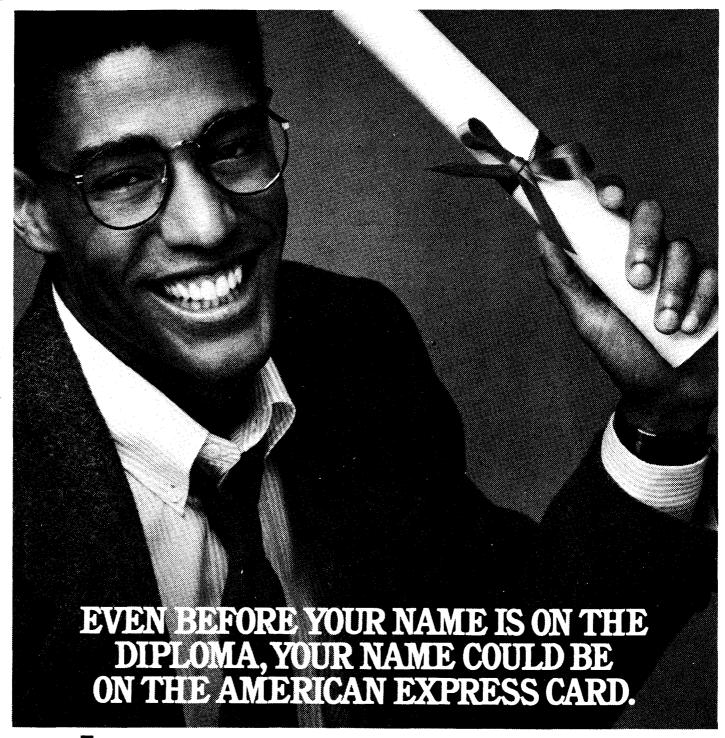
### **Cross Country** Ends Season

by Khan Verse

The cross country season ended this past weekend with the running of the conference championships at La Mirada Regional park. Caltech's men's team finished up its season by defeating La Verne and Whittier, to place fifth in the conference. Sophomore John Gehring turned in the best performance for the Beavers with a clocking of 29:25, and was closely followed by John Beck, Charlie Lee, Darin Acosta, Alex Athanasopolous, John Haba, and Jeff Willis. Overall, the men's squad ended up with a 5-7 dual meet record (including forfeits), which is very respectable considering the large number of freshmen on the team. The XC team would like to especially thank La Verne for providing them with more than half of their five victories.

The women's team closed out the season with a fourth-place showing in the conference by defeating Whittier, Redlands, and La Verne last weekend at La Mirada. The top Caltech finisher was Clea Bures, with a time of 21:50. She was followed by Pam DeMoor (22:44), Yvette Madrid (24:30), Marit Jentoft-Nilsen (25:29), Bibi Jentoft-Nilsen (25:40), Betsy Arnold (28:01) and Carmen Shepard (30:39). The best aspect of the women's season had to be the consistent improvement shown by every team member. At each meet throughout the season, the majority of the Caltech women lowered their personal best times.

While the season is over for most of the three-dozen or so runners, a few of the team's more intrepid souls are continuing training for the NCAA Division 3 Regional on November 16 (despite the fact that the NCAA might not allow Caltech to compete due to a bureaucratic technicality). Thus, for John Gehring, John Beck, Clea Bures, Pam DeMoor, and possibly several others, the beat goes on. Look for news of their NČAA exploits in future issues of the Tech.



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## **SPORTS**

## WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Sat.	11-9	10:00 am	Soccer	Redlands	Caltech
Sat.	11-9	10:30 am	Water Polo	SCIAC Western Division	Whittier
Sat.	11-9	11:00 am	Cross Country (M/W)	NCAA III Regional Meet	Cal State Stanislaus
Sat.	11-9	1:00 pm	Fencing	San Diego State U. & UCLA	UCLA
Sat.	11-9	1:00 pm	Football	Mexicali Rojos	Mexicali
Sat.	11-9	2:00 pm	Women's Volleyball	Pacific Christian	Caltech
Sun.	11-10	12:45 pm	Ice Hockey	C.S.U. Northridge	Pickwick Ice Arena
Wed.	11-13	7:30 pm	Women's Volleyball	Christ College	Christ College
Wed.	11-13	9:45 pm	Ice Hockey	U.C. Irvine	Costa Mesa Ice Cap.
Fri.	11-15	7:30 pm	Basketball <sup>'</sup>	LIFE College	LIFE College
Sat.	11-16	Τ̈́BA	Cross Country (M/W)	NCAA III Championships	TBA
Sat.	11-16	8;30 am	Water Polo	SCIAC Championships	Caltech
Sat.	11-16	11:00 am	Club Soccer	Aston-Villa	Caltech
Sat.	11-16	1:00 pm	Fencing	Oxy & Cal Poly Pomona	Cal Poly Pomona
Sat.	11-16	2:00 pm	Football	Cal Poly	Caltech
Sat.	11-16	5:00 pm	Basketball	Marymount College	Marymount College
Sun.	11-17	12 noon	Water Polo	SCIÁC Championships	Caltech

## Soccer Can't Be Beat

by Doug Roberts

Holy cow, the Beavers win again! That's right, folks, the Caltech soccer team won yet another game this weekend, defeating Whittier 4-3 in overtime. And let me tell you, this was quite the exciting game. Pandemonium reigned! There was lots of scoring, tempers flaring, yellow cards, blood, broken bones, dogs and cats living together, mass hysteria..

The festivities opened when Doug Roberts dribbled into the Whittier penalty area and unleashed a right-footed shot that rang off the near post and into the back of the net. But the Whittier Poets scored a way lame goal when a Caltech defender, who shall remain unnamed, passed the ball to a Whittier forward, thus giving him a breakaway and allowing him to slime the ball into the net. But

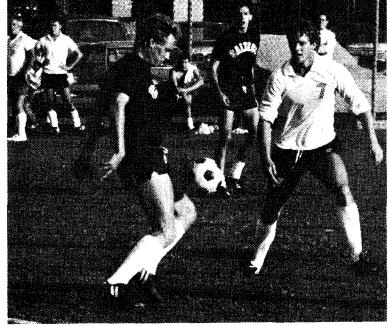
things evened out when a Whittier defender put a well-placed shot into the lower corner of his own goal. Credit for that goal was given to Caltech winger Randy Bounds. So at halftime, the score was Caltech 2, Whittier 1.

Midway through the second half. Caltech was awarded a free kick just outside the penalty box. The Whittier goalie, confident of his ability to stop any shot from that distance, told his defenders that he didn't need a wall. Well, Konstantin Othmer made quite the fool out of this goalie when he ripped a beautiful shot that the goalie didn't have a chance to react to. This made the score 3-1, Caltech.

Well, somehow Whittier managed to score two goals and send the game into overtime. It was in these twenty minutes of overtime that things started getting hot. The Whittier squad was going out for

blood. But midway through the first overtime period, their dirty tactics failed them when Doug Roberts scored his second goal of the game, this time on a left-footed shot from outside the box. This really pissed off the kids from Whittier. Realizing that they were clearly outmatched, Whittier decided to seriously injure as many people on the Caltech team as possible. Just before the end of the game, a Whittier forward, who had already received a yellow card for foul play, threw an elbow into Michael Keating's face. Michael had to be carried off the field and rushed to the hospital to have his broken nose treated. But Caltech had the last laugh, when they walked away winners.

So if you want to liven up your Saturday morning, come out and watch your winning soccer team play Redlands here at 10:00.



Doug Roberts flashes fancy footwork against Oxy opponent

## **Interhouse Softball**

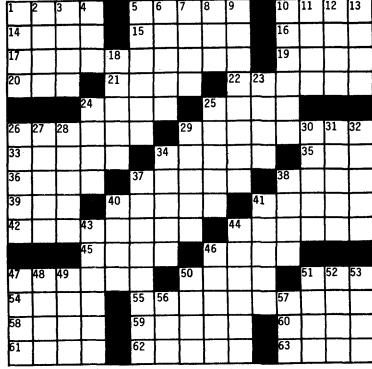
	HOUSE	RECORD	POINTS
1	Fleming	6-0	63
2 2 2	Page Blacker Ruddock	4-2 4-2 4-2	45 45 45
5	Lloyd	2-4	27
6	Ricketts	1-5	18
7	Dabney	0-6	9

## larget from page 5

hands, the role of Chris Lloyd may well have fallen flat. Hackman, meanwhile, manages to make a perfectly believable transition from a dull lumberyard worker to a merciless agent, which is no mean feat. Hackman plays his part with a finesse which has been sadly lack-

ing from adventure films in recent years; neither James Bond nor Indiana Jones holds any subtlety any

All things considerred, Target is a fine film. It has top-notch acting, great direction, tight, clean filmwork, and some wonderful stunts. If you're aching for adventure, give it a try. It may not be as much of a mystery as they claim, but it is a lot of fun.



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1 Arabian ruler Helmet part 10 Identical 14 Cod or Horn

**ACROSS** 

- 15 Pygmy antelope 16 Journey
- 17 Pertaining to acting 19 Anger 20 Yoko —— 21 Skin ailment
- 22 Works with dough 24 Former TV Bishop 25 On the ocean
- 26 "Julius Caesar" conspirator 29 Moorish palace
- in Granada 33 Coral island Tuck
- 35 Women's 36 Talk wildly 37 South American
- parrot 38 Gainsay
- 39 Prefix for gram or graph 40 Cupolas
- 41 Old Testament
- 42 Shut off

- Twain character 50 Sheet music term 51 Federal figure
- (abbr.) 54 Poisonous snakes 55 Improve 58 Brake part
- 60 Dr. Frankenstein's aide
- 61 Take care of 62 Live 63 Hand: Sp.

#### DOWN

- 1 Reverberate Water pipe facto Soak
- Expresses Literary device Trigonometric
- ratio 8 Japanese sash Oriental carriage 10 of con-
- sciousness 11 Operatic solo 12 Merge or blend

- 13 —— out a living 18 Hollywood's —— Walsh 23 Close to 24 Reject
- 25 Otherwise called 26 Ventures 27 Troop encampment section
- 29 Curved 30 Harmonize 31 A Beatle
- Bottomless pit 34 Well-known 37 Preside over 38 Wine's partner
- 40 Cheat 41 Toy musical instrument 43 Passed, as time
- 44 Bigot 46 Functions 47 Bygone 48 1968 tennis champ
- 49 Word in fairy tale beginning
- 50 Prefix for meter 51 Tale 52 English prep
- school 53 Fiddler of old
- 56 Cowboy Tom —— 57 Basketball hoop

## WHAT GOES

### **Tech** Announcements

If you wish to publish an announcement on this page, please pick up and fill out a California Tech announcement form and drop it in the mail slot in the newspaper office door (after writing the announcement on it, of course). Announcement forms are available just inside the glass doors on the east side of Winnett Student Center (on the table outside the newspaper offices). Please turn in all announcements by 5:00 pm the Tuesday preceding the issue you want them to appear.

### **Faculty Photos**

The Big T will be having a faculty photo section this year, and the editors would appreciate it if faculty members would send in copies of their favorite black and white photos of themselves. Send them to: The Big T, 107-51, or drop us a card asking us to send a photographer. Deadline is Feb. 7.

#### **Senior Photos**

It may seem a bit early, but this is the first call for senior photos. They should be black and white, any size. Turn them in to the Publications Office, or mail to *The* Big T, 107-51. Pictures must be in no later than Feb. 7. If you need a photographer, simply send us a note (preferably well in advance).

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#### **GSC Report**

There will be a meeting of the Graduate Student Council on November 14, 1985 at noon in the Red Door Cafe.

The meeting was moved from November 7 to allow Mr. Jim Minges and representatives from the housing office to join us. The first item on the agenda is a discussion with them of the new Catalina II apartments as the planning nears conclusion.

Other items on the agenda for the meeting include the report of the budget committee and discussion of the new student center.

The idea of a new student center is now under serious consideration by the office of student affairs and the GSC will be submitting suggestions for the center. If you have facilities that you would like to see included in a new student center they can pass on the idea at the GSC meeting.

These are all long agenda items and so the meeting may be ajourned and continued a second day.

Finally, GSC representatives have received many good coments on the Waltz Party and would like to pass along our complements to the organizers for a wonderful job.

### **Shabbat Celebration**

The Caltech and CSLA Hillels invite you to celebrate Shabbat with a brief service and a delicious potluck dinner today, November 8, at 6:45 pm in the Y Lounge. If possible, please bring a dairy or veggie dish or drinks. If you can't, come anyway. Everyone welcome. Questions? Call Myra, x6163.

#### Israel – Middle East

"Israel in the Middle East: Area of Permanent Crisis?" Presentation by Guest Speaker Dr. Shlomo Aronson, Professor of Political Science and History at Hebrew University in Jerusalem. Wednesday, November 13, 7:45 pm, Baxter Lecture Hall. Dr. Aronson will analyze various implications of the Arab-Israeli conflict in light of international relations and politics. The lecture will be followed by a question and answer period. General admission \$3.00. Students \$1.00.



#### Early Frost

Monday at 9:00, NBC will air Early Frost, a critically acclaimed film about AIDS in the family. CLAGS will be screening the film in the Y Lounge then, and everyone is welcome to drop by. Also, remember the work party for the CLAGS office Saturday afternoon!

### Caltech Flying Club

The Aero Association of Caltech is having a General Membership Meeting on Wednesday, November 13, 1985 at 7:30 pm on the Salvatori Room, South Mudd Building, Caltech. Prospective members are welcome and encouraged to come. Refreshments will be served.

#### CMRS Meeting

The Caltech Medieval talk to your GSC representative so Renaissance Society, whose SCA affiliation may or may not be under the name "Household of the Voyagers," will be meeting at 3 pm on Sunday, Nov. 10 in the Winnett Student Center Lounge. We will have many items to deal with, including club organization; don't let that stop you! Come find out how activities of the past can help you

### Play With Big Bucks!

Come play with almost \$100,000 of other people's money! Absolutely no personal liability. No prior experience required. Free dinners at the Athenaeum and Scripps College. Insights into the world of high finance: securities, earnings, profits, liquidity, etc. All students (undergrad and grad) are welcome. Too good to be true? Call Sing Ung at x3975 or leave a message. Or speak to Yosufi and his amazing talking maching at 796-3227.

#### Caltech Bridge Club

The Bridge Club meets Mondays at 7:00 pm, in the Red Door Cafe. We play duplicate. Everyone welcome. Earn Master Points! (We are ACBL sanctioned.) Call Jeffrey (x4543) for more details.

### **Bridge Tournament**

The Second Annual Caltech Bridge Tournament is only a week away! This will be a team-of-four tournament held on Sunday, November 17th. Play starts at 1:00 pm in the Winnett Lounge; be early to register. There will be two sessions with a break for dinner.

Make up your own team, or bring just yourself with or without a partner; we can make up teams. Questions? Call Jeffrey Pugh (x4543), Jeff Stern (x6627) or Jennifer Stern (x4476).

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#### Caltech Musical

Auditions for this year's musical, Kismet, will be held on November 23 and 24 from 10 am to 6 pm in rooms 19 and 25 Baxter. Scripts, scores and recordings are available from Elaine Gese at x4925, room 326a Kerckhoff. Call first to let her know you're coming. We need more student participation, so we encourage anybody and everybody who wants to act and/or dance and/or sing to audition. Those interested in orchestra should also come and leave their names. Performances are Feb. 21, 22, 23, 28, Mar. 1, 2.

#### New Jazz Band

A second jazz band is starting up at Caltech. It will be directed by Bill Bing and there are a few openings. Especially needed are a piano player and baritone sax. Interested? Please call Bill Bing at (213). 684-8964 or leave a message at 105 - 51.

#### **CESASC Scholarship**

CESASC (Chinese-American Engineers and Scientists Association of Southern California) is offering 10 scholarships to undergraduate students to encourage them to achieve in the field of science and technology (other non-science majors will also be considered). Qualifications: GPA 3.5 or higher, graduation date after May, 1986. Criteria for Selection: GPA, Financial need, Extracurricular activities. Deadline for applications: November 30, 1985. For additional information please contact the Financial Aid Office.

### **Student Housing Jobs**

The Housing Office hires students on a part-time basis to do various clerical jobs in the office. The hours are flexible and usually do not exceed 10 hours per week during the school year and can become full time during the summer and holidays. If you are interested, please see Elsa Goudsmid for details.

#### Manage an Apartment

The Housing Office will soon have an opening for an Apartment Manager at 1170 E. Del Mar. This position will involve approximately 20 hours of work per week, with more hours possible during the summer months. The job should be available sometime in December, and interested applicants should fill out an application in the Housing Office and see Elsa Goudsmid with questions.

#### ArtsTech '85

From November 18 through November 23, CalArts will be hosting a joint CalArts-Caltech Computer Art Show, ArtsTech '85. The show will consist of a gallery exhibit of hanging art, stereoscopic 3-dimensional work, and animation. For information call the CalArts Ticket Office at (805) 255-1050

#### Women's Basketball

Practice at 11:00 am Sunday, at the gym.



Persons with a degree or job-experience in such fields as engineering, publishing, public relations, pharmacology, linguistics/languages or education wishing to teach English to Japanese adults for one or two years in Tokyo and other parts of Japan should write to:

Personnel Director International Education Services Shin Taiso Building 10-7, Dogenzaka 2-chome, Shibuya-ku Tokyo, Japan 150

Further information on the position, qualifications, salary, benefits, transportation and housing can be obtained by airmailing a detailed resume to I.E.S. Personal interviews will be held in San Francisco and Los Angeles in January, 1986.



## **CALTECH** PASADENA, CA 91125

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