

Add Day Today

The California Tech

Vote for Worm!

VOLUME LXXXIX NUMBER 13

PASADENA, CALIFORNIA

FRI DAY 22 JANUARY 1988

Caltech/KPCC: a meeting of minds:

Caltalk Rides the Waves

by Jennifer Low

Caltech's first radio show to the public in some fifteen years aired last Wednesday night. "Airtalk: The Caltech Edition" debuted on Larry Mantle's hour-long weeknightly talk show on KPCC (89.3 FM).

The first of a series of monthly shows featured in studio guests Institute Archivist Judith Goodstein, Vice President of Student Affairs Ted Hurwitz, and ASCIT president Jeff Tekanic, along with taped interviews with President Thomas Everhart, JPL Director Lew Allen, and PCC President Jack Scott.

Interspersed throughout the broadcast were the "Regular Features:" the Caltech Almanac, scientific and historical highlights about Caltech; Caltech News, current Caltech research and award news; and the Caltech Calendar, notices of coming events at Caltech that are open to the public.

The host of the show, Larry Mantle of KPCC-FM, interviewed his guests on the live broadcast from only biographical sketches provided by the Caltech Public Relations Office. Those interviewed had little idea what kind of questions Mantle would ask. The phone-in line enabled listeners to further query the guests.

The Interviews

Judith Goodstein had the privilege of having the first live interview. After listening to her pre-recorded feature on the beginnings of seismology at Caltech, Mantle asked her about the origins of Caltech and the Throop Polytechnic Institute. One of Goodstein's more interesting points was that Caltech pioneered the idea of a

university as a research institute, that is placing the emphasis on research rather than upon teaching. This became a model for such other universities as MIT and Stanford.

Ted Hurwitz spoke about Caltech's small student enrollment, which he believes is Caltech's greatest strength. He also stressed Caltech's increasing involvement and commitment to the Pasadena community. This prompted "Frank of Pasadena" to call to ask about Caltech's contribution to the fire and police department. Hurwitz stumbled a bit before citing faculty and staff community involvement on city and department committees. Off the air Hurwitz mentioned that he did not know if "Frank" was trying to antagonize this sore spot of Caltech. The Institute has long been criticized of ignoring and snubbing the Pasadena community.

The final on-air guest was Jeff Tekanic, the first of what will be a series of student views on the show. Mantle asked Tekanic why he chose to come to Caltech, what the typical Techer was like, and how the social life was. Jeff gave nice answers. Then Mantle asked how he felt about the quality of teaching in this research-oriented school. Tekanic suggested that if the professor was of little help there were teaching assistants and other students who had already taken the class that could help.

Mantle was an excellent host in his ability to smooth over the rough spots that inevitably occur during live broadcasts with guests that are not completely comfortable with impromptu interview. Praised Goodstein, "It's kind of a lot of fun. He's very friendly. Overall, I

would do it again." Goodstein will be having a regular spot on the show with the Caltech Almanac.

Hurwitz was less enthusiastic. "I like it better talking to [someone] I can see."

A student complaint on campus was the very short time Tekanic was on the air, which was the last six minutes of the show.

The taped interviews began the show and were noticeably smoother.

Everhart began by explaining the Institute's desire to work with the media and the public in to show "what we are really about." Everhart admitted that while he has only been here for three months he found this faculty the best in communicating and relating to the public. He also mentioned that he would like to publicize Caltech's diversity not only in the sciences but in humanities and social sciences as well.

Lew Allen outlined the history of the Jet Propulsion Laboratory from rocketry in the 30s through space exploration and its affiliation with NASA which began in the 50s to JPL's current interests. Lew explained that the government-owned JPL was primarily under contract to NASA but that some 20% of JPL's work was to other government agencies, largely that of the Department of Defense. Lew mentioned that with shuttle flights anticipated for June of this year, interplanetary spacecraft should be mobilized by 1989 and perhaps "Airtalk" will learn more of these missions in the future.

Jack Scott of PCC proposed future, larger cooperative ventures with Caltech. Scott cited mutual parking between the two schools as a possibility toward working together.

The program music was arranged by Don Caldwell, Caltech lecturer in choral music.

About the Show

The show format was conceived last fall by Bob O'Rourke



photo by Teri Engelhard

ASCIT President Jeff Tekanic inspires the listeners of KPCC on the "Airtalk: The Caltech Edition." Hair done by Vidal, jacket by Blass, and the smile is of his own creation.

and Hall Daily at the Office of Public Relations and Larry Mantle, who hosts "Airtalk" on weeknights 6-7pm on KPCC-FM. Mantle has been the news director of KPCC for the past four years and has hosted "Airtalk" for the past three years. "Airtalk" has a listening audience of 30,000 in LA and Orange Counties. KPCC has recently been approved to transmit from Mt. Wilson beginning in April. They will have a much stronger signal then, than they now have broadcasting from on campus.

Hall Daily at Public Relations hopes that while the show will con-

continued on page 3

Building the Cathedrals of the Future:

SURF Raises Money and Hopes for UGs

by Eric Fung

Tues., Jan. 19, the Summer Undergraduate Research Fellowship kicked off its tenth anniversary fund-raising drive with a program featuring Ray D. Owen, Professor of Biology, Emeritus, and SURF veteran David Bruning as speakers. Attending the dinner were SURF staff, Dr. Everhart and his wife, faculty, and previous SURFers.

Ex-SURF Board member, Betty Nickerson, was recognized for her support and was given a momento. She said, "SURF has been an inspiration. It has done wonderful things for Caltech and its students. It has been nationally recognized, and even copied." She went on to say, "Fred Shair [Professor of Chemical Engineering] is SURF."

Alumnus Hugh Coven described the history of the SURF program, from Dr. Arthur Noyes sponsorship of a single student to the modern program, developed by Shair and Sam Crown. He noted, "Everyone wins - the students, faculty, Caltech, and, even, humanity." He cited *Fortune* magazine's Feb. 2, 1988 issue which had a boxed article about Caltech and its SURF program.

Following dinner, Shair discussed the role of SURF and his hopes for its future. He stated,

"SURF has been one of the most satisfying experiences of my career. SURF works because of the faculty—the most important resource. SURF works because of the students—the most important product."

David Bruning then gave a talk describing both his SURF research, dealing with the neurocortex of the rat, and the impact SURF has had on his life. He said that the three greatest things SURF has taught him were "how to interact with people, responsibility in doing my own project, and perseverance to complete it."

Finally, Ray Owen, to whom SURF 1988 is dedicated, gave his speech, "The Complete Solution." In it, he described past attempts to label something as being the final solution, such as with major discoveries in immunology in the '60s and molecular biology in the '70s.

He went on to say that "the only way to give students scientific experience is to get them into research. SURF does that in unique but vital ways... SURF is not a giveaway, but an earned prize." He concluded by encouraging students: "Scientists build cathedrals and castles. Only time will reveal whether your ugly little stone will be the cornerstone for a new castle."

California Tech Meeting Today

The staff of the *California Tech* will meet this afternoon in room 127 of Baxter Hall at 12:15PM. All persons interested in writing, news photography, or even editing are encouraged to attend.

New ASCIT Elections Timetable ¹

Wed. Jan 13	Nominations open for president & treasurer.
Tues. Jan 19	Nominations close. Tech statements due.
Mon. Jan 25	Elections.
Wed. Jan 27	Nominations open for other offices. ²
Fri. Jan 29	Runoff Elections (if necessary).
Tues. Feb 2	Nominations close. Statements due.
Mon. Feb 8	Elections.
Fri. Feb 12	Runoff Elections (if necessary).
Fri. Feb 19	Installations (at the Ath).

The nomination procedure consists of turning in a signed statement to Eric Scharin, ASCIT Secretary, 1-53, and putting your name on the sign-up sheet on the Master's Office door by Lloyd House.

¹Due to an error, the Elections have been rescheduled to comply with ASCIT bylaws. Changes are noted in bold face.

²Offices on the general ballot: VP/BOC Chairman, Secretary, IHC Chairman, Upperclass Director-at-Large, Freshman Director-at-Large, Director of Social Activities, Athletic Chairman, Activities Chairman, BOC Secretary, and *California Tech* Editors. A description of all these offices can be found in the *little t*. If you have any questions, contact Jeff Tekanic at x6236.

Listen up, Frosh! Choosing an Option

by Charlotte Manly

Choosing an option of study at Caltech is a rather haphazard process. Some students base their choices on frosh classes and lab courses; others choose a field because they've worked in it and liked it; a few ask upperclassmen or profs about their research and classes.

This year, several campus organizations, including the Dean's Office, the Caltech Y, the Center for Career Development (CDC), and the Society of Women Engineers (SWE), have converged to present an open panel discussion which will explore, in a balanced manner, the possibilities open to freshman.

Because of size considerations, the options have been divided into two sections: pure science, and engineering and applied science. Undergrads will represent each option. Why undergrads? They have the inside view, having spent two or three years taking classes in that option, and they still like it.

In addition, CDC will have a representative to answer questions about what to expect in the real world. CDC has also compiled information on things such as how many students major in what, where they go after graduation, how much they earn, and what career tracks they follow. It may come as a surprise to some to discover that these statistics are not dependent on individual options.

All freshmen and other interested people are encouraged to attend either or both parts. The panel will be held in Winnett Lounge on Wednesday, January 27th, at 7:30PM. It will open with the engineering section and continue with the science section at about 8:45.

letters to the editors

No Time for Apathy

To the Editors:

I have just finished reading yet another "Caltech student apathy" letter in the *Tech*. I haven't written before because I have been too busy, and wasn't too bothered. Until now.

I resent the fact that many people seem to think that Caltech students are superhuman. I notice this every time I go home to Washington State. Right after I finish telling my friends/old teachers/miscellaneous nosy people that I spend approximately 55-60 hours a week on my classes (my units seem to stretch, somehow...), they ask me what I do in my spare time - and then act appalled at how short the list is!

Apathy May Be Valid

To the Editors:

To get right to the point, I feel there is something Messrs Battaglia, Fung and Chang have missed on the issue of student apathy. Furthermore, Messrs Fung and Chang have missed this 'something' simply because Mr. Battaglia takes it for granted.

Specifically, Mr. Battaglia seems to think that the only way of proving the existence of your "social and political depth" is to show it to others. I feel this is not so. Simply because I don't stand on a soapbox and show people how I feel about Afghanistan or Social Security should not in the least imply that I don't have any thoughts on these issues. For me, this is be-

For some reason, people think that students at Caltech, because they are "highly intelligent", also have much more energy, need less sleep, and generally have more hours in a day than "ordinary" people. I do not feel this expectation is fair.

What most Caltech students do have is an unusual interest and aptitude for some area of science, and a willingness to apply themselves in a rigorous atmosphere to increase their knowledge of it. I chose to come to Caltech because I felt that, in this intense environment, I could get the highest "return" for my undergraduate education. But I recognized that there were things I would have to give up that I wouldn't have if I went to a state school. It is a trade-off that most Caltech students are willing to make.

So, then, are we to be condemned for making that decision? cause I don't feel my views are any more valid than anyone else's.

If Mr. Battaglia criticizes this position as being 'stagnant', then he himself can be criticized by we 'stagnant' ones as being rash. If Mr. Battaglia wants to voice his views to passers-by, who may or may not want to hear what he has to say, he has my respect for being so sure of the correctness of his positions. I just don't think he should expect everyone to share his confidence. If he would like to see public statements and discussions on social and political issues, he should start them himself, but not expect everyone within earshot to join in.

The constitutional freedoms which allow him to be public about his views also allow me to be private about mine. There should be mutual respect for that fact.

Sincerely,
Larry Cheng
Freshman

We only have a certain amount of time and energy. Are we expected to endure the rigors of Caltech, and then act like we go to a state school in our spare time? I wish I could, but the fact is, I can't. I made the decision to go to Caltech.

Maybe Eric Fung and Tylis Chang are living now exactly as they plan to be living ten years from now. If so, I could understand their concern. But I (and, I am sure, most of the people around me) see life at Caltech as temporary. I am therefore willing to make short-term sacrifices. One of these has been, regrettably, a certain apathy concerning the "Real World". This is unfortunate - but, again, temporary. There are issues in this world I want to be become involved with, but I am willing to wait until after I graduate, when I will also be better equipped to make a difference.

Before I go, I would also like to defend seemingly "unproductive" activities that students here participate in. Eric Fung's suggestion that "extra time needs to be expended on more productive, goal-oriented activities", ignores the need for balance. The intensity required to just graduate from Caltech often needs to be tempered by other seemingly useless activities. One extreme balances the other. I do not feel it is within anyone's right to criticize us for maintaining this balance. And different people have different needs.

I know that, personally, I look forward to graduation, so I can "catch up" with the rest of my life that is "on hold" here at Caltech. Unfortunately, I don't know how many others share this view because I haven't taken the time to ask...

Sincerely,
Kate Loomis
Sophomore

There is Always Hope

To the Editors:

I think and write about life and I want to share my thoughts with the community.

"I know... that nothing is unclear of itself: save that to him who accounteth anything to be unclear, to him it is unclear."

Romans 14:14

We all have a fundamental choice between what we believe right and what we believe wrong. We are in a position to see our own role in the world and this perception leads us to ethical awareness. This awareness or choice is the essential nature of Man. It means that each of us by our nature has an essential worth, an essential potential to stand for good. Our choice between right and wrong is absolute. What matters is for us to choose what we feel is right. Only if we choose what we feel is right are we

consistent within ourselves. The basis of ethics is helping people to choose what they feel is right. We should make it our lives to give them what leadership we know. Giving is not a matter of the size of the gift, but purity of motive. Giving to something means loving it our hearts. It means love.

Only the fallen can rise. Life is one step at a time. The principle is always the same: the light or the darkness. We should never give up on what we believe. There is always hope. Each of us has a worth which transcends circumstance. We make our own choices. Let us set aside the vanity of controlling the world. Without this we can have no peace and without peace we stumble. We should never give up on what we believe. Our basic choice is always the same. It is the choice between affirming life and denying it. Let us stand with the truth, with what we believe good. We have nothing to fear.

Sincerely,
Eric Hoover
Senior

Money for Speakers

To the Editors:

The newly reorganized Caltech Speakers Committee welcomes input on who you would like to hear speaking at Caltech. The Committee's funding (\$10k this year) is intended to support a speaker series which addresses issues not normally covered in classrooms, such as the social implications of technological advances. This year, the Committee is both scheduling next year's agenda and funding speakers for the current academic year.

Although many branches of Caltech life are represented on the Committee, we have no way of knowing what the average Joe (or Jane) wants to see. Past experience shows that undergrads in particular have been less than enthused by most invited speakers. For this reason, we are soliciting requests for speakers or speaker topics from the general population, including grads, undergrads, staff and faculty. Any input, advice or questions can be sent to: Bob Sweeney, 127-72.

Sincerely,
Bob Sweeney
Grad., Chemistry

Through the course of evolution:

Girls Are People Too

To the Editors:

"So tell me, what do you think of Caltech?"

"Well, Caltech's really a neat place. The classes are great, the people are interesting... the only real problem there is the ratio..."

How many times have you heard this conversation, or one like it? Over break, this was standard fare for me. I wonder, though, why is the ratio so bad?

Back in high school, before I came here, I thought about what social life would be like under a skewed ratio. Thinking over my dating experiences, I reasoned that life here should be similar to home, except that girls would tend to have full social calendars because of all the guys asking them out. After being here for a year, overbooking seems not to be the problem.

One of the problems is that we tend to differentiate between how we act around girls and guys. A

guy is unsure whether a girl wants to be just a friend, or something more. A girl fears becoming close friends with a guy because other guys may misinterpret this friendship and start avoiding her. Friendships can be very difficult between the sexes. This difficulty leads to their real problem at Tech.

The real problem with the social situation at Caltech is that an important facet of society has disappeared. People don't go out on ordinary dates. Going out on a date with someone here implies a commitment equivalent in the outside world of going steady with someone. Furthermore, if a girl goes out with several different guys, she can be branded a tramp, or worse. This is simply wrong.

Removing non-serious dating from the social structure leads to the unfortunately common problem of unrequited crushes. Suppose a guy, through the normal course of

evolution, becomes interested in a girl. Since he can't easily ask her out for a date and get it out of his system, he keeps it to himself. For the fortunate people here, the thought just fades away. For the less fortunate, this becomes one source of Tech's omnipresent depression, or occasionally a contributing cause to someone flaming out. The fault is neither that of the individual girl, nor the individual guy, but of the social pressure of the society we have formed here.

So, if this is the problem, how do we solve it? We have to remember that girls are people too. We have to realize that there's nothing wrong with just going out on a single date. We have to stop denouncing our friends for just wanting to have fun. Think about it.

Sincerely,
Harold Zatz
Sophomore

ASCIT FRIDAY NIGHT MOVIE

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entertainment

Neo-Realism: *The Bicycle Thieves*

by Drew Bailey

The Bicycle Thieves, this week's Cinematech movie, represents one of the high points in the post-World War II Italian film renaissance known as neo-realism. Directed by Vittorio De Sica and written by neo-realism's chief theoretician Cesare Zavattini, the film is brilliant on many levels. A brief look at the neo-realism movement and its goals will highlight many of the film's highpoints.

During his rule, Mussolini took a keen interest in fostering Italian film production. The vast studios of Cinecittà were built in Rome. Also, a national film school that produced important figures in the Italian film industry was founded there.

Yet, the films produced during the war were mediocre.

As early as 1942, Zavattini called for the end of the contrived plot and professional actors, and asked for neo-realism.

He argued that film should show life as it is. Film makers should find their stories and sets in the streets and countryside of everyday life. Soon other progressive critics took up the neo-realism cause in the Italian film journals. The theoretical and aesthetic dialogue in the journals did not make its way onto the Italian screen until the relaxation of fascist control. This occurred after the signing of the armistice in 1943.

Luchino Visconti wrote neo-realism's first film, *Ossessione*. *Ossessione*, a tale of sexual obsession and corruption in the modern Italian countryside, was mercilessly cut by the fascist censors who still controlled the industry. There-

fore, the first neo-realism film the world viewed was Roberto Rossellini's *Rome, Open City*.

The Bicycle Thieves' screenwriter Zavattini once said that "that the ideal film would be ninety minutes of the life of a man to whom nothing happens." He only partially achieved this goal in the film. The simple plot of the film has a spontaneity and rambling quality which was meticulously crafted. The famous scene in which a sudden rain halts the plot's progression was not happenstance,

but there are no crimes of passion or grandiose coincidences which betray De Sica's thorough planning.

De Sica's brilliant casting and direction of the non-professional actors provide the audience with utterly convincing and beautiful performances. Shot entirely in the streets of Rome, *The Bicycle Thieves* has the look of the social documentary.

It takes place at the time of unemployment in Italy had reached twenty-two percent. *The Bicycle*

Eine Kleine Mittagsmusik

by Gavin Claypool

A double serving of fine musicianship and sheerchutzpah will be offered on campus next Friday when the Cambridge Buskers return to Caltech.

I heard the Cambridge Buskers for the first time back in 1983 when Doug Ordunio (of the late, great KFAC-FM) used to play their music to fill in the odd moments. I thought it was a novelty that would be gone by summer's end, despite the keen musical talent. Instead, by the following fall, the Cambridge Buskers were on another U.S. tour, one that brought them to Beckman Auditorium for the first time.

Michael Copley and Dag Ingram, two Cambridge graduates, are the Cambridge Buskers. Undoubtedly the world's best-known street musicians, they now frequent concert stages around the world. During their student days at Cambridge, Copley and Ingram found themselves in a London Underground station without the fare. In

the hope of picking up the necessary small change, they entertained the passers-by with "Eine Kleine Nachtmusik" and "The Entertainer" (their entire repertoire at the time).

When a London Transport official advised them to move along, they did . . . to Paris, Germany, and the Deutsche Grammophon label. Their repertoire has grown with their career: Bach, Beethoven (all nine symphonies), and Brahms; Joplin and Sousa; Bizet, Verdi, and Wagner (an obscure selection from "Die Walküre"); all the top (classical) tunes.

Michael Copley, whose background includes classical training, performs on a variety of wind instruments: among the twenty-odd are the flute, the recorder, and the three-foot crumhorn. Dag Ingram (it's short for David Abraham Gillespie) is an accomplished accordionist who can make an audience laugh with the clever arch of an eyebrow. Their music—played straight or humorous—is delightful, their stage presence relaxed and friendly. Announcements of upcoming pieces are delivered with disarming sincerity and a sly sense of humor.

During their January 29 visit, the Cambridge Buskers will make two appearances. The first will be at the regular Noon Concert, in the plaza south of Winnett Center. It's free—bring your lunch and your friends, and take advantage of this special preview performance.

The Buskers will return at 8 PM for a complete performance in Beckman Auditorium. Tickets are \$17.50–15.00–12.50 (Caltech faculty & staff, \$2 off; students, half-price). Caltech faculty and staff TECHTIX (half-price) and Caltech student rush tickets (\$6) go on sale at noon January 29 (but don't miss the Noon Concert to get them).

If you have a noon class, skip it. [unless it's PA15—Eds.] If you have other plans for Friday night, change 'em. This is one show you'll want to see—twice.

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Airtalk, cont.

from page 1

continue to concentrate on people it will gradually center on science. "Airtalk" will hopefully familiarize the public with Caltech and foster more friendly community support.

Short plugs ran for the show in *L.A. Times*, *Pasadena Star News* and in the GSC newsletter.

The next Caltech edition of "Airtalk" will be heard on Wednesday, February 17, 6-7PM, and on the third Wednesday of every month. February's edition will feature the Caltech musical production of *Oliver!* as well as a taped interview with Boston Mayor Kevin White. For more program information call 578-7231 or x6326.

The Inside World

Dabney: It's been a quiet week in Dabney House. Lyle, preparing for the Big One, has taken to lying under upturned chairs. Susan has instituted Alley One Primal Scream Therapy (wouldn't you know the frosh would get it wrong—you're supposed to do that in the courtyard.) Elerrection politics have been reaching for a new Low, searching for a viable alternative to the inevitable. The cream puffs with the rubber cement frosting are a dim memory, but none shall forget the zero-over-zero factor. We have survived bad Prisoner reruns ("Who are you?" "Number Six. Who are you?" "Number Thirteen." "Aha, the new one."), evil ideas for liszts (No lists. I'm not the secretary, dammit. And it's your fault. Now you can't elect me, nyah nyah.), and the questionable ethics of paying compucompetent frosh to do our hundred seventy-four optional translations.

A promised apology/explanation for a certain reference last week: "Colorful persons who do colorful things should expect to be written about in a colorful manner." Besides, as was pointed out, the details didn't fit the events. Maybe I meant a sibling of a person in question. In any event, I trust I've heard the last of that.

So. The frosh are now initiates. The way is paved for the stunning upset of the century, when Dave E. upsets the favored Erich the Wonder Frosh for the presidency. For long service, Kevin, of course, becomes vice president, and Miriam M. will without a doubt become House Animal.

As further proof that we are becoming Lloyd South, this week may see the return—after at least a seventeen year hiatus—of the late and unlamented Alley Challenge, Alley Seven having just challenged Alley One in Pets. An arena is being prepared for the event and rumors have surfaced that Romana intends to purchase a mongoose ringer for the occasion.

"No, I don't have any idea what to put in the Inside World, Al." —Hzatz. Gee, writing with an audience is fun. I bet I could just go on and on and on . . .

"Oh, please don't." —RF. It's after the deadline for this turkey (okay, maybe dog) so it ends . . . well not quite yet. Next week, the Spurious and Completely Fictional Elerrection Results. A preview:

President: Al Petterson
Vice President: Al Petterson
Emperor of the Universe: Al Petterson
The One With The Real Power: Stan Chen

—A Different Pseudonym

Fleming1: Ahh, another week, another set of problems to deal with.

1) Add day. A good portion of us have stayed up two nights straight now to get our various classes from last year. Yes, there are the brave, the many, the slow, that have been working to finish silly classes that should have been done already, like CS 10! But then there are the truly amazing few of us that have classes still unfinished from Last Year. It's so fun to work on the same project for a YEAR.

2) Damage actually got into Law School. This most certainly spells the end of the court system as we know it. All hail the corporate lawyer: "Big bucks! I'll be making Big Bucks, MILLIONS of dollars, I'll be raking it in, Power and Money. I can control the WORLD!"

3) I don't know how, call it luck . . . call it karma . . . call it fate . . . but my roommate put his foot down the other day, missed the ground, and sprained his ankle. No, he wasn't tired, he wasn't distracted, he wasn't drunk, he wasn't in a hurry, he was just a Frosh.

4) The coke empire was the target of EVIL espionage over the weekend when someone swiped a case of pepsi sitting by the machine. Security advisors suggest radioactive tracers in the next shipment, so watch out.

Other news:

Answer to last week's hidden mystery: popsicle toes.

This week's mysteries:

Mystery #1: Which popular bureaucracy is most likely to accomplish the following first:

- DMV: get a human operator on their information phone
- the housing office: fix the windows broken in last year's windstorm
- ASCIT: get out the TQFR
- IRS: get your tax refund back to you

Mystery #2: Which recent Caltech graduate is least likely to donate money to the Caltech alumni fund:

- Ed Zanelli
- Mark Eggelston
- Ken Gant
- Jonathan Brown
- Gary Gibbs

Yes, as this implies, it's time again for the Alumni Drive. The goal, a big \$1000 for the house. (Of course the Alumni association is trying for \$2,000,000). Last Monday was our first night, and it went pretty well. The pizza was great, there was plenty of cold sodas and beers (though they had to get out the 'bud' after the good stuff was gone, but Mahoney is picky), and the frosh didn't need too much instructions before they could dial on the phones. Congrats to Ted for raking in a big \$1,400 and winning a wonderful sports bag as the prize. (Rumor has it Ted will be signing up for another try at the calling so he can win a second sports tote bag for his other shoe.) All I got was a mutant-alumni shirt.

—Woolstar

Fleming2: I knew something was wrong when I got all of my homework done on time last week, but I couldn't figure out what it was. Thursday I remembered.

According to Welstand, his sister reads the Inside World every week, so this message goes out to her. Hey Babe. Take a walk on the Wild Side.

Then there's Melinda, who complained that my Inside Worlds were all the same. Some people will do anything to get their name in print.

Well, as some of you may of noticed this week is cream all the other houses in Ultimate Week. The only thing more dangerous than a Flem with a Frisbee in his hands is Steve Bard looking for a new girlfriend.

Wed was float the officers night. Whoever floats the officers more times, by class, get whatever they want in the RA's apartment. Personally, I'd choose the aquarium. Thursday was donut night so all you off-campus losers are out of luck we already ate them all.

What I did my winter vacation: First I went to Sweden, hereafter known as the Country of Blonde Gorgeous Babes, (YOWSA for short), for a couple of weeks. Unfortunately, my parents decided to come, too. After YOWSA, I came home (sans parental units). Once home, some of my friends looked at me and said, "You know what, Pierce? You're 21 now." (Uh Oh.) An initiation was planned and consummated, culminating with my puking out of a car window on the 210 at 2 in the morning. Somehow, drinking was a lot more fun when it wasn't legal.

Have you ever gone down to dinner and felt like a jungle explorer? That is, your choices are either bunda or death by bunda?

For those out you who are pool freaks, Dean Schaefer's father's company make pool cues, so you can get them at Factory Direct prices. (By the way Dean, feel free to give me a kickback, say 10, for this unsolicited advertising.) Just make sure you don't leave the cue in the Lounge or Pete "Tip, what Tip?" Ying will play with it.

What ever happened to Oingo Boingo?

Well, elections are coming up soon. Out with the old, useless, piece of whit officers, and in with the new, useless, piece of whit officers. We need officers like when I was a frosh. Do you

continued on page 5

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If you would like to make viewing your ASCIT candidates a 3-D experience, see page 7.

President



Jim Burleigh

The position of ASCIT president requires a person that will be dedicated to the job, has a knowledge and understanding of how our campus works, and is very good with people. I am that person. The President must represent CIT's student body's concerns and interests to both the outside world and the administration on campus. I can do this very well. The president must also be washed by a herd of confused frosh at frosh camp. I'll try not to do this too well.

One of the biggest items facing the new president is what to do with the TQFR. I believe that the proposed redesign of a TQFR that contains important information such as number of people enrolled, their options, their grades, and pertinent comments about homework and test policies, without the harsh remarks that cause problems with the faculty is a reasonable and sensible solution to the TQFR's predicament.

Another problem, one that is a little closer to my heart, is our recent decline in relations with other campuses. Party relations that is. I have worked with the social teams of most of the houses and together we have been successful in getting beer and women at many different parties. Well, we've at least been successful in one of the two cases. My work in this area has also taken me all over campus. I have worked with both the deans and the master, the alumni association and the vice presidents, and I'm on good terms with all of them.

Finally, because we at Caltech have a greater academic load than many other students, I feel that we, more than any others, need to keep it all in perspective by keeping in touch with the real world and never forgetting to have fun at all opportunities. These are my goals and I would appreciate your support in the upcoming election.



Jeff Flint

Hi! I'm Jeff Flint, and I'm running for ASCIT President. Since there are five (at last count) candidates, a lot of you may be using these statements to help decide between the group. I'll try to help you with this decision, and I'll hopefully keep this thing brief, since there are so many statements to read.

One way to decide which person to vote for is previous BOD experience. Being a voting member of the BOD is a responsibility in itself, as this is a significant say in how all of ASCIT's (and that means your) money is spent.

I have this experience. For the past year, I have been ASCIT Upperclass Director-at-Large. When I took office, the ASCIT Van was sitting in a parking lot with a

broken transmission and a \$2000 debt. The van is now about \$1000 in the black, and is generally more accessible to the campus.

In addition to experience, the President needs to have a good working idea of what he/she wants to do while in office. This year, the most important task for the new President is to push through the current plans on replacing the TQFR. Current President Jeff Tekanic has been the motivating force behind this project, and I would like to continue the good work being done on it. I have attended all of the meetings that have taken place for this purpose.

The issue of replacing the TQFR is a good indicator of what I believe the President's main responsibility is. A good President must be able to identify problems as they crop up, consider possible solutions, and then motivate people towards the chosen solution. When the TQFR wasn't published this year, a easy solution would have been to blow it off and wait until next year to put out a TQFR in the old format. Instead, it was seen as an opportunity to set up a new system which would be more useful to the students and the faculty. The motivating force behind this proposal from the start was Jeff Tekanic. I believe that I can offer the same type of leadership.

Well, I've gone on longer than I thought, and you're probably bored by now. In between hangovers this weekend, it may be in your best interest to give a little thought to Monday's election. I hope you'll find that I'm the best candidate for the job. Thank you.



Bibi Jentoft-Nilsen

Hi. My name is Bibi. I want to be president when I grow up. If I get elected, I promise to be a good girl. I promise to uphold the integrity of this fine institution of higher learning. I promise to be an inspiration for all you young, upstanding, moral...uh...degenerates. Actually, I guess I shouldn't make any promises because I might be held to them.

But, yes, I will give you some ideas of what I intend to accomplish. Take a look at the old scenario of people complaining about Caltech's problems and getting very frustrated because they can't get anyone to listen. When they do get someone to listen, it's not the right someone. Why do these people get frustrated? Why won't anyone listen? Is it because no one cares? Is it because you don't care? Is it all part of the Com-

munist master plan? Inquiring minds want to know.

The root of our problem is a lack of communication. It's not because people don't care; it's because people aren't informed. They don't know what to do or where to go with their concerns and problems. There is often no one clear channel of action, but rather several possible routes to take, most of which are a bad way to waste lots of time.

This is precisely what I want to change. I want to streamline the existing channels by which students get their concerns heard by faculty and administration. I want students to realize the great influence they could have here, and to take full advantage of it. These are some of my ideas, but I will need the support of the students to have them become a reality.

What are my qualifications for the job? I have been involved in student government since I came to Caltech. As Frosh Director-at-Large I zealously produced two Undergraduate Research Opportunities Handbooks. This past year I have had the honor of being Blacker Hovse President. We have had a good year and are no longer in debt. These and other activities I've been involved in have given me the experience necessary to do an excellent job as ASCIT President.

Enough propaganda.
Let the show begin.



Thu Le

Why do I want to run for the office of ASCIT president? I am running for this office because I have a sincere interest in the future of the Caltech student body. I have a positive outlook for the student lives here and am eager to strive towards even better future and envision.

The new year means many things to many people: a fresh start, a time for promise, a time for hope. To me, the new year means a new chance to bring about changes that improve the Caltech community, and the office of ASCIT president will give me the opportunity to do just that.

If elected, I will first focus on completing the new TQFR system initiated by the last BOD and insure that students receive a complete teaching quality feedback report on time. The office of ASCIT president also entails appointing students to various important jobs such as the *Big T* and the *little t* editors among others, and I guarantee that I will employ my best discretion in selecting the appropriate people for the jobs, making sure that these jobs will be completed as

scheduled.

In addition, I will work hard at recruiting outstanding incoming freshmen to Caltech to make this campus more socially active. My past experiences on the Freshman Admissions Committee have shown that close interaction between the student body government and the Admissions office is necessary for successful recruitments. Finally, through public relation and cooperation with the new ESC Chairman, I will dedicate myself towards organizing campus-wide as well as off-campus events that will make student life even more enjoyable.

For the past year, I have acted as the ASCIT Treasurer. Working on the BOD has given me the chance to observe the function of the ASCIT President and to familiarize myself with all the ins and outs of the BOD. This experience is a valuable asset which qualifies me for the office. My past service on the Ruddock social team and my membership on the Freshman Admissions Committee have also sharpened my ability to work flexibly with a broad range of people. I believe that with the leadership skills I acquired through past experiences, coupled with my enthusiasm, drive, and willingness to work hard, I will be able to lead the ASCIT BOD through a productive new year.

Thank you for your support.



Sam Weaver

Howdy!

My name is Sam Weaver and I would like to be the next President of ASCIT. When I recognized the first stirrings of this desire, I blinked twice and said to myself, "Whoa, Nellie, why do you want to take this job? I've heard you say that ASCIT is mainly a money-shuffling figurehead of a government. Is there a point to the job? Can ASCIT be something worthwhile?" And so, after much contemplation, I answered myself with a firm yes, ASCIT can be worthwhile and, in fact, do more for its members than it does presently. Here's why and how:

Currently, the main duty of the ASCIT BOD is the distribution of money to campus interest groups.

The bulk of the allocation occurs at the ASCIT budget meeting which is held shortly after a new BOD is elected. In recent years, the BOD has carried out this weighty planning session with only a sketchy conception of its aims. The lack of both a coherent set of guidelines for an equitable division of club funds, and a goal beyond that of concluding the meeting, set the precedent for the apparent purposelessness of ASCIT. This haphazard approach resulted from a lack of organization in the BOD meetings preceding the budget hassle, and it is one of the most important things I would correct if elected. As President, I would prepare with the Board before the budgeting session by:

- 1) Establishing uniform criterion for club funding and,
- 2) Setting material goals for ASCIT which reflect the wishes of Joe Techer who wants something more for his money than just the *Tech* and the *little t*.

These two simple steps will improve the budgeting procedure and instill ASCIT with increased purpose and continuity.

With the cancellation of the Student/Faculty forum for which they were compiled, a number of student concerns can now be effectively addressed only by ASCIT:

- Reestablishing a campus art gallery will be quite difficult without the impetus of organized student support.
- Improving the quality of our athletic facilities and the broadening of off-campus sporting opportunities could be expedited by coordinated BOD action.
- Programs increasing casual student/faculty interaction can be (co)sponsored by ASCIT as means to improved relations between the two groups.

These and further S/FC issues which will not be handled by other bodies should be adopted as ASCIT responsibilities, and I will do so if I become President.

Finally, the design of the TQFR replacement, currently being directed by Jeff Tekanic and Richard Reid, is a task requiring careful planning. Eventually, a proposal for the methods of feedback will need to be fine-tuned, and then presented persuasively to the faculty. I have experience dealing with faculty, administration, and student affairs in a representative capacity, so I feel confident that I would be able to establish the

continued on page 5

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from page 4

TQFR's replacement firmly in the divisional protocol during my term as President.

Those are the how's, why's, when's, and where's of my ASCIT revitalization scheme. As Ricketts' prez and then IHC Chairman (hence BOD member), I have come to understand the mechanics of getting things done within the Tech system, and to know its limits. I believe that I can achieve the things I have described above, without biting off more than I can chew. I know a wide variety of students, and feel that I can make relatively unbiased decisions, a skill attained as the IHC chair while moderating biased house interests. The only pieces that are needed to solve the present ASCIT puzzle are the right who's.

I could fit in the President's spot, if you'll put me there.

See you Monday at the polls !!

business matters on behalf of ASCIT, and to keep accurate and up-to-date records of all financial transactions.

Being on Blacker Hovse's Social and Athletic Teams, I have gained some experience with budgets (granted not very large ones); in addition, I was also a Treasurer in high school.

I am running for the office of Treasurer because I would like to take a more active part in our student government. I am a diligent worker, and I will fulfill the responsibilities of Treasurer as fully as I am able to.

Thank you for your support in the upcoming election.



Eric Fung

Eric *Who?*, you may be asking yourself. Here, then, is a candid, objective view, taken as an excerpt from the forthcoming book, *Eric Fung: Beauty in the Best*.

"Eric has always been aware of events happening around him. He feels that, without being active in affairs, he would have to endure the whims and fancies of others.

"This is not to say that Eric is close-minded, for he never hesitates to listen to advice from those around him.

"What has always impressed me about him is that his decisions have two characteristics. First, they are wise and judicious, made

only after much research and thought. Second, he keeps in mind his position, and he realizes that he is only a representative, and so he must bear in mind the desires of those he represents."- Mom.

I wish to conclude by telling you that I have been active this year, despite being only a frosh. For example, I have been an editor of the fine publication, the *Tech*, have chaired the S/FC committee for Frosh Admissions, and played on JV soccer. I have also kept abreast of issues that would be of importance to the ASCIT Treasurer, such as the finances. Lastly, and importantly, I have an open-mind.

Eric Fung: the only choice. Thank you.



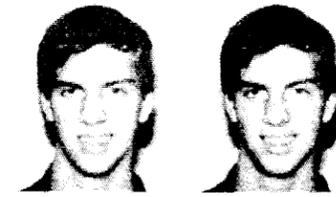
Stephen Lew

ASCIT has over \$20,000.00 of your money to spend. Who gets to take care of it? The ASCIT Treasurer.

The handling of money in any amount is not a task to be taken lightly. Effective money management requires not only knowledge in budgeting and accounting, but experience in financial planning as well (i.e. liquidity vs savings). I feel that I can bring these qualities to the office of ASCIT Treasurer.

I am also interested in the being a member of the BOD. I've attended many meetings; and I already know a bit about ASCIT since I was a member of the ASCIT EXCOM in '86. By the way, I am currently one of the *Tech* editors.

Looking forward to signing those checks... Thanks.



Mike Salisbury

How does one keep a light attitude about a statement yet demonstrate his intent to do a responsible job as Treasurer? I suppose most candidates for this job wonder the same thing. Since any attempt to achieve this successfully would most likely be futile, I guess you'll just have to settle for the standard, boring, "Here's what I can do for you," speech.

I can promise you a responsible job, efficiently and well done. With \$20-30,000 to start with, the new administration has some early decisions to make, and I will be sure to supply as much information as possible regarding the investments to the board. In high consideration thus far are a new van and/or a P.A. system, and should these fall through, I will be more than willing to research and propose alternative investments/purchases. Finally, I get along with people very well and will do my best to help make the 88-89 BOD as efficient as possible.

I appreciate your time in reading this and other candidates statements, and hope that you will find that I, Mike Salisbury, am the best suited for the office of ASCIT Treasurer.

Treasurer



Paul Amadeo

Knowing how busy you all are on Friday mornings, I'll try to keep this statement as short as possible. In order to be a good Treasurer, it is important to be able to handle

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Even More Inside World

from page 3

know that Fleming House hasn't caused any serious, unprovoked, trouble since then? I even got floated the other day for putting a cripple on napkins [actually, Pierce, I floated you for that ugly sweater you were wearing -Y.F.]. It's a sad day. Let's dust off those plans for dyeing the entire water supply for the North Houses RED, dammit. Action! Blood! Guts! Glory! Emergency IHC meetings! If we don't stop this trend of being "nice" we'll end up like Ruddock, or even worse Lloyd! R-F! R-F! R-F!

You know, in about five more years Woolverton might have a beard. And no, Habecker, he's not Amish.

Some things never change. Yes, it's true, Daniels and Soo are back together. Or at least they were yesterday.

Fleming House was out of water Wednesday because BISWELL WANTED SHELVES PUT IN. DROPPING YOUR BOOKS ON THE FLOOR ISN'T GOOD ENOUGH, EH, BISWELL.

NEW IMPROVED BOLD 'N' SPICY INSIDE WORLD
(i.e. new writer -Y.F.)

Yes, it's true. Since Woolverton has started writing Inside Worlds, I've taken it upon myself to uphold some tradition of obnoxious Inside Worlds, instead of lame, inane ones.

In sports... IT WAS INCREDIBLE! SUNDAY. OUR TIRE-SCORCHIN', FIRE-BELCHIN', PAVEMENT-RIPPIN', NITRO-BURNIN', SIX-SECOND VOLLEYBALL FUNNYTEAM CRUSHED THE SCURVES IN DISCOBOLOUS IN STRAIGHT GAMES, WHILE THOSE MASTERS OF MASCULINITY, THE ONE AND ONLY WELDERS OF WELL-HUNG ON THE FLEMING ULTIMATE TEAM HAVE GROUND page, BLACKER, AND RUDDOCK INTO BLOODY PULP... more victories in the offing, see ya' at Animal Meal '88.

Party this weekend. Burleigh's last chance to put together a decent one, at last. But, hey, he SAID there'd be babes o' plenty. No, really. I mean it. TRUST ME. (where have I heard that before?)
-NeanderFlem and Young Fansome

Page: And here is the news:

How Stupid do you frosh feel? Did you have your pantyhose on boys and girls? Good.

Page officially sux at ultimate. Bad.

Ellen thinks she's good at ultimate. Worse. We decide that Marc will have to prick her bubble, or something like that.

Dwight arranges a mock dress dinner. Basically the concept is sound. Pre-entend we're having important dinner guests so that the food is good, then have the "guests" take a raincheck at the last minute. Now if that isn't inspirational conduct worthy of an IHC chairman I don't know what is.

Speaking of presidents (Was I?) Larry-the-Coot-Sweetpea-Flint may soon require the aid of three very personal secretaries to attend his massive presidential needs. Any idea where we'd find suitably qualified applicants?

Such a Flem! Jennifer doesn't and Mikey has the pictures to prove it.

Oh pooh! What's that smell? Oh hi! Keaner; and what exactly happened to Dave's right leg anyway? (138)

FOR SALE: 1 amazingly clued-out Frosh; slightly used, slightly damaged and possibly suicidal. Going cheap! Crutches included; gag optional; mother optional. Answers to the name of Graham.

Brown boy pulls a fast one (they do everything fast) and is now living with Quaint-ass at the Holly. Matt and Bappa have decided to leave school and live together. Stay tuned as their career as hairstylists unfolds.

Mikey finally comes out of his manic depressive stage, just as he was beginning to have the most boring time at Tech you can imagine. Dwight and Bineet try to get him arrested for carrying a concealed proboscis and for possession of curly black hair and thick lips. Unfortunately, not even the cops are stupid enough to take him off our hands. Oh well, we could always try the phlegms.

And don't touch Walter's hair or he'll kick your ass. Ha! Ha! Ha!

Apparently the hip new store is "Pimps-R-Us" up on Washington. Be there or be square! Right Walter?

Broomball this Saturday against the Rudds. Death to Joe.

And a big, warm "Hello" to Nancy from Adam and James. Wish you were here. Come again sometime!

Just remember: it's second term so anything can and will happen. Keep your friends away from potential danger and stop trying to get Keana drunk. Spanking is way out.

Ciao baby. Until next time, its been totally orgasmic!

-Bruce

Ricketts1: Frame House News

Susan Complains of Slightly Scratchy Throat

Susan has been suffering from slight congestion and tightness of throat for the past couple of days. The problem has been amplified by the dry winter air resulting from furnace use. Over the phone, she told reporters, "I don't think Meera's here!" She will try not to overexert herself for the next couple of days, and hopefully it will pass without event.

Dave Suffers from Mild Headache

Loud Spanish music and difficult homework sets seem to be the cause of a short-lived headache Dave suffered yesterday. "Ever since Mike moved his stereo in, I've had to play mine twice as loud," he said. Lack of sleep seems to be a more likely cause. He has been working frequently on the musical for TACIT, and playing Nuclear War in the Ricketts Lounge.

Mike the Cat Losing Weight

A strict diet, and the lack of another cat's food, has led to a slow, steady decline in Mike's stomach volume. His owner reports that he has also been more energetic and playful lately. "She never feeds me," Mike told visitors. Witnessess have seem him get fed recently, however.

Mike (the Human) Laments Lack of Garbage Bags

A pickup of smelly garbage caused Mike to take a look outside last night. Unfortunately, he was unable to replace the trash-can liner. "The maids bring them on Monday, but they don't leave any lying around for us to use," he was told. Chances are that people will use the can anyway.

Ricketts2: How can we nail someone's butt to the wall without being rude? I mean we could just be rude, but she's so nice, even if she is house space cadet. Okay, we'll be nice to her, but we'll nail Tyllis.

Tyllis, can we talk about editorial consistency? Why can Blacker have a "menage a trois", Dabney have "group sex", Fleming "reuse used condoms", Lloydies have a "hard on", a Page boy "stick his finger into Sandip's hole", and Ruddock talk about a man whose "testicles are worth their weight in gold", but we can't have orgasms in Ricketts? [Orgasms in Ricketts? -Eds.] It's the editors' fault (hell, it's Tyllis' fault). Let's try again.

A quick quiz: Why do some people sound like they're having an orgasm whenever they laugh? How can I get my laugh to sound that way?

Another quick quiz: Why do some editor's laughs sound like farts? Because they're anal.

A sports flash: Ricketts Ultima and Fussball studs DESTROYED the silly Darbs, and should crush all other upcoming competition.

A chanting is heard in the distance, at first just a maroon blotch is seen on the horizon. But slowly the noise and figure grow in magnitude as the Ricketts machine rolls forward, ever forward. The chant becomes clearer and clearer:

Plagiarize Phlegms!
Plagiarize Phlegms!
Plagiarize Phlegms!

and the might of Ricketts hovse move onward and upward.

Other Naughty Bits: Samer won a free raffle ticket by correctly identifying Su-Lin's most recent impurity. Congrats to the three of them. The winner of the "Win Kitt for 48 hours" raffle will be announced next week in this spot. (Did anyone notice our foreshadowing in last week's Tech? Foreshadowing, the mark of truly fine literature.) A big, wet welcome to our new social members. This brings our count to 160 members. My god how the money rolls in. Oh yeah, we're including the following just so they'll have something to cut:

-The Lil' Cook-Man and the Great Neck Strangler

sports

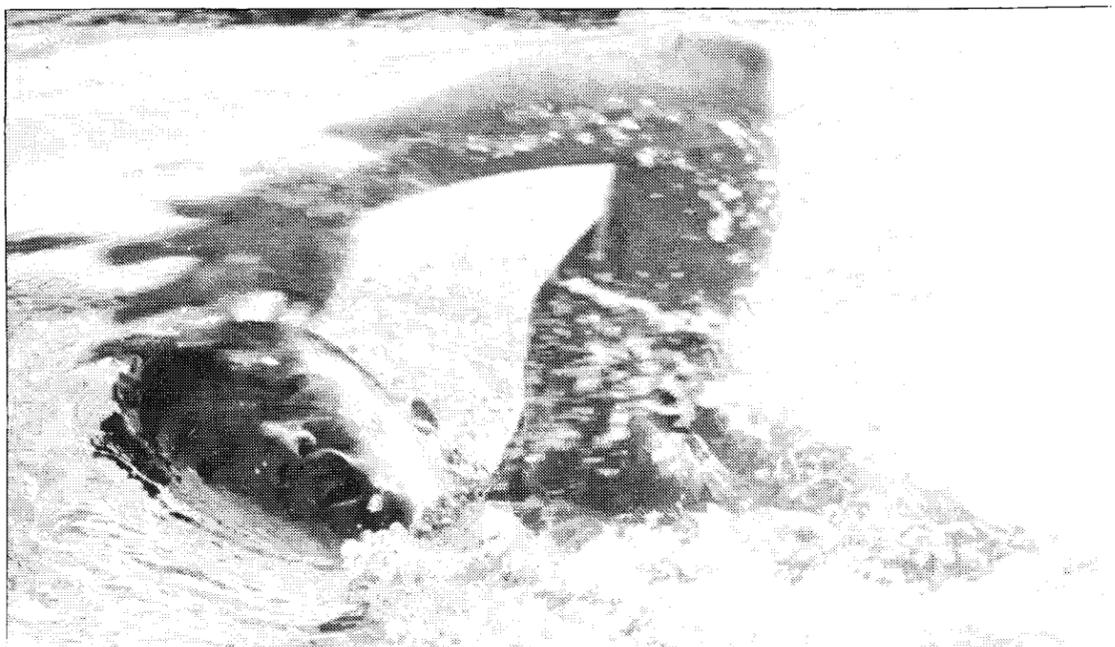


photo by Theresa Griffe

Brian Shim comes up for air during the freestyle at the swim meet Saturday, January 16 at Claremont.

Win, Loss at Claremont

by I. M. Sinking

The Caltech swim team traveled to Claremont last Saturday to compete against Whittier and Pomona-Pitzer. The men's team handily defeated Whittier 99-69, but lost to a strong Pomona team 117-79. In actuality, the swimming was much closer than the Pomona score shows, because Caltech brought no divers along and so spotted Pomona 14 unanswered points in the two diving events.

Some highlights of the meet were: the Caltech "B" medley relay team, composed of Mark "Motown" Hause, Devin "Wuss" Leonard, Chris "Squeaky" Edgington, and Geoff "The Boz" Pilling, defeated the "B" medley team from Pomona with a strong effort. Devin

was second overall in the 50 free at 23.7, with Brian Shim swimming a surprisingly fast 25.9 in the event.

Barry Stipe (2:10 200 Back), Brian Hayes (1:56 200 Free), and Dave Geraghty (2:13 200 Fly) continued to turn in good performances. Also, James "The Human Highlights Film, Part II" Hammond completed a punishing double of the 100 Free and 200 Fly (barely!).

On the women's side, they are showing a willingness to swim challenging events, but their lack of experience was evident against both Mills and Pomona.

This Saturday, at a brand new starting time of 11:00 am, Caltech takes on Redlands at the Alumni

Pool. Coach Dodd has gone on record as saying, "I guarantee a win for our men's team against Redlands." He was less definite in guaranteeing doughnuts for timers but did not rule out the possibility.

Beaver Basketball Suffer Losses to Pomona and LaVerne

by Good D. Fense

This past week saw the Caltech men's basketball team open league play with two hard fought but ultimately losing efforts.

In last Friday's league opener against Pomona-Pitzer, it seemed as if there were two different Caltech teams. In the first half, the Beavers shot brilliantly, shooting 69% from the floor and making all six of their free throws. Unfortunately, they also rushed through their offense and panicked against Pomona's press committing thirteen turnovers.

As the second half began, it was clear that Caltech was calmer and more poised. But five minutes into the second half, the Beavers stopped shooting well as Pomona slowly pulled away to a 60 - 45 victory.

The leading scorers were Huck Seed with nineteen points. Bill Swanson played a solid game with six points and six rebounds. Jason

Karceski led the team with six assists.

Although Tuesday's game against La Verne also ended in a loss, it represented a much better effort by the Beavers. The team played solid basketball in both halves. But La Verne was able to hold onto a slim lead throughout the second half and finally prevailed 52 - 46.

Among the many high points of this game were Bill Swanson's thirteen points and six rebounds, Adam Slovik's solid play at high post, and Gino Thomas's solid play in place of key substitute Randy Ralph. Huck Seed led the team with twenty-three points. Brad Scott led the team with six assists.

Tonight at 7:30, Caltech continues league play at home against Claremont-Mudd and Ed Zanelli's little brother Rich. Show your spirit for Caltech and come on out to the game!

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri.	1-22	7:30 pm	Basketball	Claremont-Mudd JV	Caltech
Fri.	1-22	Midnight	Ice Hockey	U.S.C.	Pickwick Ice Arena
Sat.	1-23	10:00 am	Swimming	Redlands	Caltech
Sun.	1-24	3:00 pm	Soccer (W)	Spin-Offs	Caltech
Sun.	1-24	11:15 pm	Ice Hockey	Cal State Northridge #2	Pickwick Ice Arena
Mon.	1-25	12 noon	Golf	Best Ball Tournament	Redlands
Tue.	1-26	7:30 pm	Basketball	Occidental JV	Occidental
Wed.	1-27	9:45 pm	Ice Hockey	U.S.C.	Pasadena Ice Center
Thu.	1-28	4:00 pm	Swimming	Colorado College & Occidental	Caltech
Fri.	1-29	2:30 pm	Baseball	La Verne JV	Caltech
Fri.	1-29	7:30 pm	Basketball	Whittier JV	Caltech

Student Government: They Have Party Experience

ASCIT Minutes 10PM 19 Jan 1988.

1. Eric says there are a pile of nominations:

President

Jim Burleigh
Jeff Flint
Bibi Jentoft-Nilsen
Thu Lee
Sam Weaver

Treasurer

Paul Amadeo
Eric Fung
Stephen Lew
Mike Salisbury

2. Kevin wants money for the Tanning Invitational. Estimate is for at least \$800, but he only asks for \$400 now "Selena, myself, & Julie are doing it. They have party experience." Motion passes for \$400.

3. Jason talks about ballet class. It seems that \$2/lesson scares off potential students. Maybe it'll be a PE class one day... Anyhow, he got \$200 to start with. The teacher wants \$60/lesson, but they can only afford \$40. So the request is for an additional \$320. Jas will try to get the Y to pay for the rest. The BOD approves the \$320.

4. Mike, from the Caltech Central American Forum, is trying to get a guest lecturer. The Y has given \$100, GSC \$175. He would like ASCIT to give \$75. The money would cover the speaker's honorarium. The BOD gives him the \$75.

5. Jeff says there is a replacement meeting for the TQFR right after the ASCIT meeting.

6. Jeff wants to abuse the Ath account by making it available to all the houses, a la Blacker. He is

considering giving \$400 a house, with the house picking up the rest of the tab. These will be affectionally known as the "Tekanic Dinners." Should houses have alums, ASCIT may consider funding receptions before or after the Ath affair. Issue will be resolved after discussion with the powers that be.

7. Gavin C. says that elections are to be on Mondays, according to the ASCIT by-laws. The main purpose for this is to give students time to read statements in the *Tech*. After deliberation, it is decided that the elections will be moved to Monday.

8. Eric wants a real budget report prepared by "you", meaning Thu. Thu estimates ASCIT has \$17000 savings, \$2000 checking, \$3000 coming in. However, Thu must still come up with a written report since Eric's motion passes.

IHC Minutes 10PM 20 Jan 1988.

1. Dr. Bruce Kahl wants AIDS education for Caltech. It's fun, it's exciting, and it's coming to a house near you. Look forward to condom machines in the bathrooms next. [What about Tunnel, Heaven & Lower 7? -Ed.]

2. Marda says hi.

3. Brian says that its going to be a Fleming yearbook unless someone gives him color photos - this week. Deadline Jan. 27. Senior Photos due the 1st week of third term. Clubs should notify the editors if they want a spread in the yearbook.

4. David removes the Ricketts Hovse Gong from the No-RF list (see pg. 116 of the *lite t*). He says that he "hopes this is a start of a trend." [Brian?! -Eds.]

6. Sam quibbles about more ultimate rules. Something was decid-

ed, but it won't take effect until next year anyway.

7. Tekanic introduces the idea of the "Tekanic Dinners" to the IHC [see ASCIT Minutes]. No presidents object to ASCIT subsidized house dinners at the Ath, so Jeff will work out the details.

8. Marda wants specific course scheduling complaints, especially lunchtime classes.

9. Wayne wants his tables. Nancy claims he has them. Brian has fourteen legs.

10. Sam kicks out the peons [including this lowly editor] so that they can discuss the Rio trip.

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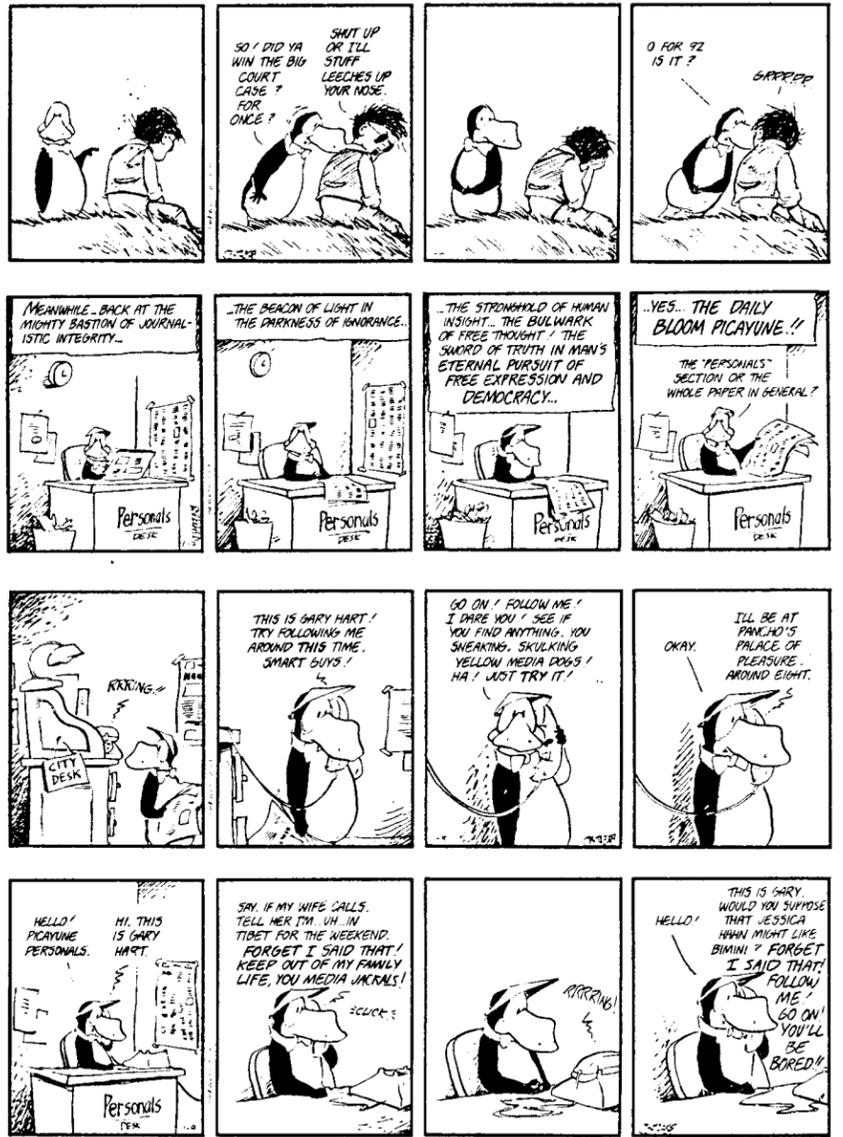
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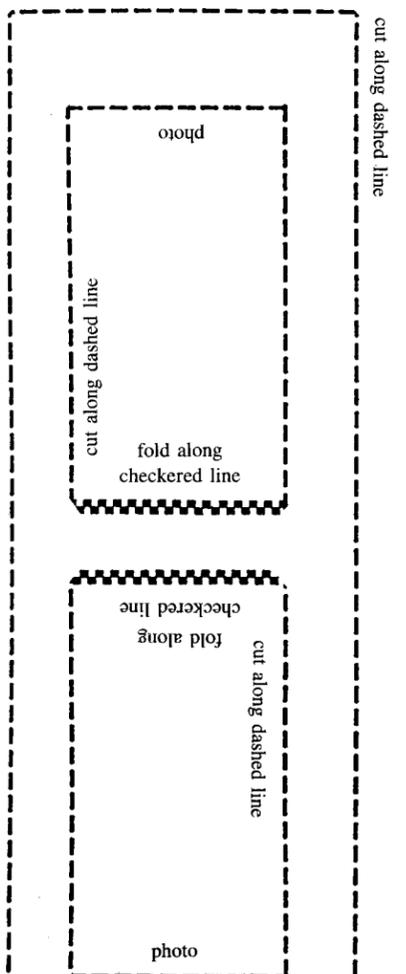
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Instructions:

Cut along dashed lines and fold along checkered lines. Fold eye flaps so that the page 8 sides touch one another. Set the edge labeled "photo" between the two photos of your favorite ASCIT candidate. Look through the eyeholes and adjust eyes so that only one candidate's image is seen. Note the amazing 3-D effect!

A fine example of a finished product:



what goes on

Announcements for *What Goes On* should be submitted on an announcement form available in the SAC copy/mail room (Room 37) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 25-58, or put them under the door of Room 40A of the SAC. Announcements must be received by the Tuesday prior to publication.

Financial Aid Packets

ALL RETURNING STUDENTS: Financial Aid packets for 1988-89 were mailed to your campus address the week of January 5. If you did not receive that packet or if you need additional documents contact the Financial Aid Office, 515 S. Wilson, or call x6280.

Last Call For Letter Jackets

If you want to order a letter jacket, see Brad Scott in Blacker, Room 6, before Jan. 31.

SURF's up!!

Applications for SURF-'88 (Summer-Undergraduate Research Fellowships) are currently available in Room 3, Dabney Hall. We have a notebook with a few projects for '88 listed for undergrads to review.

Application deadline is 5 PM Monday, March 7.

Optional Problems?!

Frosh (and others) who would like to know more about the various options of study at Caltech:

A student panel discussion will be held on January 27th in Winnett Lounge. Sessions will be 7:30 for Engineering & Applied Science (including AMa and APH), and 8:45 for Pure Sciences.

The panel will be composed of seniors in the specific options. Come and benefit from their experiences. (Sponsored by the Dean of Students, Career Development Center, SWE and The Caltech Y)

Third term option decision time is fast approaching!

New Coffeehouse Hours

To accommodate those looking for a place to eat on the weekends, the Coffeehouse has broadened its hours of business to 7:00 pm to 1:00 am, Friday thru Sunday. Why go off campus when you've got your own hangout in the S.A.C.? Comics, magazines and newspapers available daily.

A.A.B.H.A.W.S., January 1988

This month's Abigail Adams Beer Hour for the Advancement of Women in Science (A.A.B.H.A.W.S.) will be hosted by the Chemical Engineers on Thurs., Jan. 28, starting at 5:00 pm in 113 Spaulding. Co-sponsored by the Organization for Women at Caltech and the Society of Women Engineers, these monthly events are open to anyone interested in the myriad issues of women in science and engineering. A 50c donation is requested for the beer and other beverages.

Free Chamber Concert

Caltech students will present a free chamber music concert on Saturday, Jan. 23 at 8:00 pm in Dabney Hall Lounge. The concert is sponsored by Student Affairs and PA 31. The program includes music for brass by Gabrielli; trio sonatas by J.S. Bach and Locillet; and trios by Beethoven, Mendelssohn and Shostokovich. A reception will follow the concert.

Concert Lottery Drawing

The 2nd term Ambassador Concerts Lottery drawing will be on Tuesday afternoon March 1st. Each House will have one winner entitled to two tickets and the MOSH's office will pay up to \$20.00 per ticket. **Be Sure To Enter Your Name Today!!!!!!**

FREE CONCERT TONIGHT

There will be a free concert featuring the Caltech Wind Ensemble tonight, Friday Jan. 22, at 8:00 pm in Ramo Auditorium. Featured soloists will be Sean Wakayama, clarinet, and Scott Babcock, timpani. There will also be music by John Philip Sousa and the Grateful Dead. There will be a reception following the concert, with some serious munchie-type food. (Actually, we lied about the Grateful Dead, but we wanted to make sure you read the whole announcement.)

Woodwind Quintet Concert

The Telford Wind Quintet will present a concert on Sunday, January 24th at 3:00 pm in Dabney Hall Lounge. The program will include both classical and modern works by composers Danzi, Debussy, Presser, Ligeti, and Poulenc. The Poulenc sextet will feature guest artist Raymond Berney, pianist. Student tickets are \$4; general admission is \$6. Tickets will be available at the door.

C.I.T. On College Bowl?

How would you like to match wits with other Caltech students and then with other colleges? Caltech has been invited to participate in the National College Bowl. Teams of 4 students are needed to begin. If interested, see Nancy Matthews, S.A.C. Rm. 64, x2935.

Stolen Bicycle

Cinematech will present Vittorio DeSica's classic *The Bicycle Thief* this Saturday (Jan. 23) at 7 and 9:30 pm in the Baxter Lecture Hall. Together with *Shoeshine* and *Open City*, this work marked the beginning of Italy's post-war film renaissance. The deceptively simple plot of a poor man's search for his stolen bicycle tells much about poverty and survival. Like Rossellini's *Open City*, this film is cast exclusively with non-professional actors; at the same time, DeSica insisted on such a detailed script that no last minute changes of any scene was permitted. The result is a carefully crafted yet hauntingly realistic film masterpiece. The admission is \$1.50. For more info, contact James Shih, x3968.

Second Term Film Series

In conjunction with H-131: History Through Film, Professor Robert Rosenstone will be screening a series of excellent feature-length films at 7:30 pm on Wednesday evenings in Baxter Lecture Hall. These screenings are open to members of the Caltech community. There is no admission charge. The film for January 27 will be *The Wobblies* (USA - 1979), an award-winning documentary.

Yeah, You!

Join the Caltech Forensics and Debate Club. Our second trip will be on Feb. 6-7 to beautiful Fresno, California, for the Raisin Center Tournament. Talk to Sam Dinkin at 578-9219 or drop him a line at 1-59 if you are interested, or come to the meeting on Monday, Jan. 25 at 8:00 pm in Rm. 24 of the S.A.C.

Game Room Vandalism

During the week of Dec. 28, someone smashed the plexi-glass plate on the video game "Pengo" in the S.A.C. Gamework, which cost \$18.11 to replace. To date, no one has admitted to being the perpetrator of this caper. If the heavy-handed person out there who committed such an act *remembers* having done this, you might see Nancy Matthews, S.A.C. Rm. 64, x2935, to pay for the repair charges.

S.P.E.C.T.R.E. of Science Fiction

S.P.E.C.T.R.E., the Caltech Science Fiction Club, will meet this Wednesday, 27 Jan. 88, at 7:30 pm in Clubroom B (Rm. 15) of the S.A.C. (south underground houses basement). We will show a movie [in that room - no more running over to Catalina], with title to be announced - watch the banner on the end of Winnett for details.

Join The Flying Team

Caltech has been invited to participate in the upcoming Pacific Coast Intercollegiate Flying Association's SAFECON. If you would like to help organize a flying team for competition, come to an organizational meeting at 7:30 pm on Saturday, Jan. 23 in Room #24 of the S.A.C. (South houses basement). Not all events require a pilot's license. For more information on this event or about the Flying Club, contact Jay Ebersohl, 1-55, x6182.

Call Me Bibi

Yes, I still have KELROF T-shirts available for the low price of \$7.50. Please, please, please, if you ran KELROF, or have ever wanted to run KELROF, or think KELROF is stupid, please buy a T-shirt. Come to Rm. 27 in Blacker or call me (Bibi) at 578-9086.

Buscaglia To Speak

Best selling author, Leo Buscaglia will lecture on "The Subtle Art of Living With Love", sponsored by Five Acres on February 9 at 8 pm at the Pasadena Civic Auditorium, 300 E. Green St.

Buscaglia is a well known author and USC professor famous for his standing-room-only class, LOVE 1A. His latest book, *Seven Stories of Christmas Love*, was chosen by the Book of the Month Club as an alternate selection.

Tickets can be purchased at the Pasadena Civic Box Office for \$12.50, \$15, \$20 and \$35 with student and senior rush tickets available the night of the lecture.

For information call the Pasadena Auditorium at (818) 449-7360 or Billie Youngblood and (818) 798-6793 or (213) 681-4827.

Iran & Iraq: Revolution & War

At 8:00 pm on Wed. Jan. 27, Dr. Fathi Osman, former editor-in-chief of *Arabia: The Islamic World Review* and Mr. Roozbah, Dept. of History, UCLA, will lecture on "The Iran/Iraq War: U.S. and Arab Policy" in Rm. 24, Beckman Labs. Sponsored by The Middle East Studies Group, The Caltech Y, the GSC and ASCIT. For more information, call 356-6163.

Does The Earth Need A Doctor?

Dr. Robert Clayton will deliver an Earnest C. Watson Caltech Lecture entitled "Diagnosing the Earth's Interior." The lecture will be in Beckman Auditorium on Wednesday, January 27 at 8:00 pm. Admission: free and open to the public. Call x4652 for information.

Fancy Fashions, Sold Cheap

The Cooper Building, Southern California's largest discount fashion center, will present a "Once in a Lifetime" \$5,000,000 retail liquidation sale of current retail fashions beginning Saturday, January 23, 1988 and continuing through Sunday, February 29 at the Orange County Cooper Convention Center, at 1928 S. Grand Ave. in Santa Ana. Opening day hours will be from 8:00 am to 8:00 pm. Continuing sales hours will be Sundays, 11:00 am to 6:00 pm, Monday and Thursday, 11:00 am to 8:00 pm, Tuesday, Wednesday and Friday, 10:00 am to 6:00 pm. Free parking.

Big Band Swing Cabaret

The first annual Big Band Swing Cabaret will be presented at the Pasadena Convention Center, 300 E. Green St., on Saturday, Feb. 27 from 7 pm to 2 am and on Sunday, Feb. 28 from 3 to 10 pm.

The old fashioned cabaret will feature three bands each day where people can "set and watch or cut a rug" according to Harry Washington, spokesman for the bash.

General admission is \$35 each day, reserved seats \$50 each day. Both tickets include a buffet and there will be a no-host bar.

For information, call the Pasadena Center at (818) 793-2122.

Bayanihan Dance Company

The Bayanihan Philippine Dance Company will perform on Saturday, January 23 at 8:00 pm in Beckman Auditorium. This troupe, with their exotic dances and colorful costumes, perform a variety of theatrical portraits and dances reflecting the islands' Arabic, Chinese and Spanish influences. Admission: \$20.00-17.50-15.00. CIT faculty and staff TECHTIX (half-price tickets) and CIT student rush tickets at \$6.00 each go on sale today (January 22) from noon to 4:30 pm in the Caltech Ticket Office. Call x4652 for more information.

Tax Reform And YOU!

Mr. Rex Root, a Taxpayer Service Specialist from the Internal Revenue Service, will be in the Winnett Lounge today, January 22 from noon to 1:00 pm. He will address the issues of Tax Reform and its effect on students and scholarship income. Please come with all your questions. (Brought to you by the Financial Aid Office.)

An Orphanage In Need

During spring break, from Friday, March 18 to Wednesday, March 23, a group of Caltech students will be going to Mexico to help the orphanage, "El Rancho Milagro." It is comprised of 30 to 40 children, ages 4-18, who are in need of help. We will sleep in tents and work during the day. If you would like to go and help work and/or donate supplies for the orphanage or the trip itself, please contact Geoff Pilling, 1-59, or phone (818) 578-9346. (Or sign up in any of the seven undergraduate houses.)

A meeting will be announced regarding the goals of the trip, supplies needed, and arrangements for transportation.

Starting Your Own Business

Are you interested in starting your own business, but you don't know how? Come to 22 Gates on Thursday, 28 January at 4:30 pm. William Lyte will be speaking on how to do so. He will discuss such topics as: getting a management team; finding venture capital; pricing a product; finding your customers; registering your business, and more. He runs a consulting firm in Pasadena that is involved in start-up companies. The talk is free and open to the public. (Brought to you by the Caltech Y.)

Novel Workshop

P.E.N.-L.A. will present "Three Novelists Develop the Novel" at a public workshop on February 6th at Baxter Lecture Hall. The 10 am to noon Saturday workshop will feature novelists John Ball, Eve Bunting, and Carolyn See. The moderator will be Gloria D. Miklowitz, also a novelist.

During the program, each author will be presented with a brief scenario for a novel. The novelist will explore in impromptu fashion how character, plot and theme might be developed. Afterward, the subject will be opened to discussion by all participants.

The fee for the program is \$20; \$25 includes lunch. Checks may be sent to P.E.N.-L.A., 115 W. California Blvd., Suite 271, Pasadena, CA 91105. For further information, call Gloria Miklowitz, (818) 952-3382.

Caltech students and staff may attend the workshop *free of charge*.

Money From The Blind

The National Federation of the Blind is offering seven different scholarships ranging from \$1,800 to \$10,000. The scholarships are awarded on the basis of academic excellence, service to the community and financial need. The deadline for receipt of the application is March 31, 1988. For further information please contact the Financial Aid Office, 515 S. Wilson (2nd floor).

Money For Economists

The National Society of the Colonial Dames of America is offering an award of \$1,000 to graduate students and undergraduate seniors majoring in economics. The deadline for entries is March 14, 1988. For further information please contact the Financial Aid Office, 515 S. Wilson.

Money For Mariners

Marin Educational Foundation is offering grants to Marin County residents who will be pursuing an undergraduate degree on at least a half-time basis as of September, 1988. The deadline to apply is April 1, 1988. For further information please contact the Financial Aid Office, 515 S. Wilson.

CLASSIFIED ADS

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ONE BATCH OF HOMEMADE COOKIES to anyone who can fix my car stereo, (90% probability it's a disconnected wire) recipe is negotiable. Bridget x6961.

FOR SALE--

RUSH CONCERT TICKETS, February 4 at the Forum. Call Chris or Jonathan, 578-9368. Leave message.

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ROOMMATE WANTED, female, non-smoker, two bedroom, two bath condo, laundry and pool. Huntington & Rosemead \$350 a month plus utilities and deposit. Must like dogs. Call Vicky 796-2555 or 287-6014 after six.

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