

Just last year the football team folded due to lack of sufficient participation. The same problem now threatens the Caltech wrestling team. An unusually small turnout, combined with the normal Christmas vacation attrition have reduced the number of wrestlers to fewer than the minimum needed to field a team.

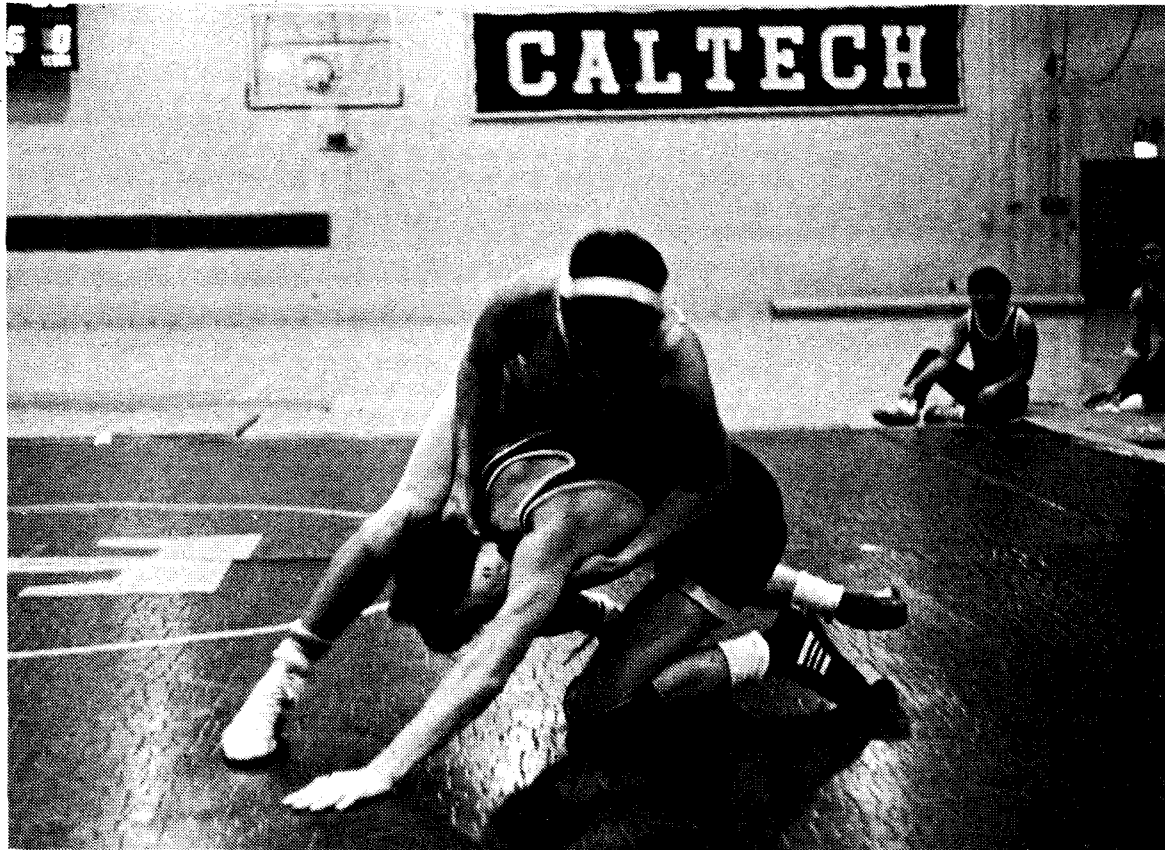
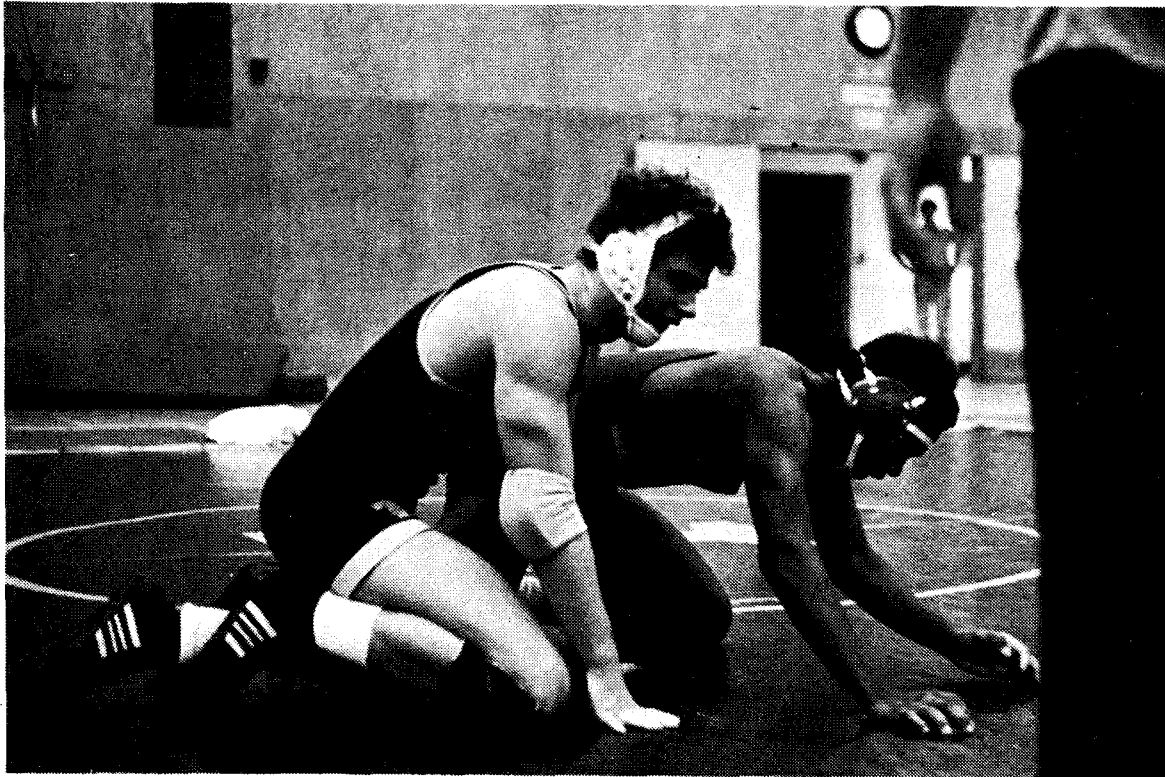
The football team made a miraculous recovery this year, rising like a phoenix to post its best record since the invention of the atomic bomb. Even though the wrestling team cannot boast the kind of record the football team has had (the Caltech wrestling team has been division and league champions within the past ten years, has had several individual league champions, and has even had wrestlers place in the NAA national championships) it would be a shame to let its tradition die.

The talent to have a full, successful wrestling team is right here on campus, but for one reason or another the team lacks for participation. One of the problems with which wrestling has to contend may be that it starts at about midterms and goes through finals of first term, and then must restart after vacation. Several potential wrestlers who have been out for football, soccer, cross country or non-collegiate sports such as bicycling may find it hard to shift sports just as midterms and finals are threatening. Well, midterms and finals are a long ways away in January and the team needs you.

In the past, several Techers who have had no experience have come out for the wrestling team and have become quite successful. Wrestling offers a good opportunity for physical conditioning, and like all varsity sports, satisfies your Physical Education requirements. This is a request for more participation. If you think you might enjoy a challenging sport and can satisfy the physical requirements (you must have a pulse and be able to walk and chew gum *simultaneously*)—no experience necessary—come by the gym between about 4:30 and 5:30 pm weekdays or call Jim Woodhead at x2101 for further information.

Photos by Alan Loh

Wrestling May Fold



About the Gameroom

To the Editor:

Last year, a petition signed by more than two hundred students was given to me, requesting that the Gameroom under Winnett be turned over to the Student Shop. After discussion with Dr. Bonner, the Director of Student Relations and several of the Shop Chairmen, it was decided to seek estimates on what it would cost to convert the old Fleming Gameroom into a decent room, along the lines of the Winnett Gameroom, which was the condition that the Gameroom Chairman, Dr. Bonner and myself decided would be a fair one under which to turn over the Winnett Basement to the Shop. Where the money to fund this restoration was to come from was never clearly stated.

The estimates are now ready. They include several alternatives, including having students doing some of the labor, to cut down costs. The Gameroom does have a fund of about two thousand dollars, but this is to be used to maintain the Gameroom. It would in no way cover the expenses to repair Fleming Gameroom and make it a pleasant place.

In the meantime, Winnett Gameroom itself needs some refurbishing. However, I am wary of spending money on it if it is to be moved. However, a decision of some kind must be made. I propose a meeting with the Chairmen of the Shop, to discuss the repairs necessary to Fleming, how to raise the necessary money, and a timetable in which to do it, after which money will be spent on the Winnett Gameroom, if the money cannot be raised. I would appreciate it if at their first meeting this term, the Shop Chairmen come up with some specific ideas for raising money, and then come to me to set up a meeting between themselves, Dr. Bonner, myself and the Gameroom Chairman. I believe that these things must be done this term, and that repairs to Winnett can be put off no longer than the beginning of next academic year.

I am looking forward to hearing from the Chairmen of the Student Shop very soon.

Sincerely,

Flora Boyer



Valt Meader and the MIT Chorallaries.

Help Save the Rialto

The Rialto is an old movie house at 1023 Fair Oaks Avenue, South Pasadena (a couple of miles from campus), which shows double features of good old movies. In the 1920's, this elegant theatre was an opera house. It is an official South Pasadena Cultural Heritage Landmark and it is listed on the National Register of Historic Places.

The South Pasadena C.R.A. and City Council wish to demolish this theatre in order to make a paved parking lot for 45 cars. They first called for its destruction a little more than a year ago but they were then defeated by the expressed opposition of 3000 concerned people. Now, the C.R.A. wishes to reverse its March 1978 decision because it is being influenced by developers.

A public hearing will be held on Wednesday, January 17, at 7:30 pm in the Council Chambers of the South Pasadena City Hall, 1414 Mission Avenue. Those involved with the Rialto encourage you to express your support and to come to the public hearing. If the Rialto succeeds, it can continue to show such movie greats as *The Rocky Horror Picture Show*, which can be seen every Saturday at midnight.

Whoa!

The Music Man and Meredith Willson

To the Editor:

On December 14, 1978, I wrote Meredith Willson, who wrote the story, book, lyrics and music for *The Music Man*, about Caltech's production of it to take place in February, and asked him if he would take the cameo role of the Wells Fargo Wagon Driver (who has one line, "Whoa"). Mr. Willson is 76 years old this year (a special number indeed in this show!), and I thought it would be a rather different birthday present for him. The following letter came from him in Tuesday's mail:

MEREDITH WILLSON

January 8, 1979

Ms. Flora Boyer
Production Secretary
California Institute of Technology
Winnett Student Center
Pasadena, CA 91125

Dear Ms. Boyer - -

Thank you for your good letter of December 14, which was forwarded to me a short time ago.

I deeply appreciate the enthusiasm of everyone at Cal Tech for *THE MUSIC MAN*. Your production has the distinction of being the first anywhere to offer me a part in my own show! I can assure you I am truly touched!

Unfortunately, my calendar is such that it would be impossible for me to make an unbreakable commitment to participate, so . . . I will have to settle for the silent joy of knowing I was once invited to be the Wells Fargo Wagon Driver!

Mrs. Willson and I will do our best to attend one of the performances. May we contact you regarding tickets when our plans are more definite?

Sincerely,

Meredith Willson
Meredith Willson

MW:ldm

I spoke to Mr. Willson's office on Tuesday afternoon, and he and Mrs. Willson will very probably attend one of our performances. In the meantime, although he doesn't know it yet, Mr. G. R. Beausoleil is being considered for the part of the Wells Fargo Wagon Driver . . .

For ticket information, please call the Caltech ticket office, 795-6811, ext. 1652.

-Flora Boyer

BLARK LIVES



Well, you all got your Christmas present last week. I didn't write anything. Actually, I found out that there might not be room for my article so I decided to be lazy. Did you ever have one of those weeks? Well, last week, I had one of those months. So I decided to be lazy this week also. I also submitted some cartoons this week and perhaps they'll make it into the paper if I leave a little room (hint, hint). Something occurred to me over vacation. It seems that we take the B&G maids for granted. All my friends were surprised that we have maids to come in and remove the dirt and crumpled papers for us. Of course if we didn't have maids, we'd probably never clean our rooms and I will say that I never see some people until the maid chases them out of their rooms every other week so she can clean. I will also say that it is nice to leave the room every now and then and, upon my return, to find the same crap on the floor without all the dirt under it that used to be harboring such a flourishing microcosm of cockroaches and mushrooms. One more thing, now that you have all spent hours chasing down countless professors and TA's, what do you think of little yellow cards? Well, I could also ask the profs, TAs, Deans, Advisors, and Registrars what they think of them. After all, we each only see one, they see dozens, and dozens, and dozens. But this madness only occurs three times per year, and if we didn't have little yellow cards, we'd have little green cards or little red cards or something else. But then I've got more important things to worry about . . . Think of this as an early Christmas present for next year or something like that.

Would you believe that this is actually serious? I didn't think so. Well it is. Super Antojitos, a small restaurant on Mentor between Colorado and Walnut is actually a good place for a cheap, good meal. They only have about a dozen tables but they also have take-out. The food is Mexican and it is well prepared with fresh ingredients, there are even hot, homemade tortilla chips on the tables to go with your dinner or lunch and I had a very good, large lunch for about \$3 with tip. I know I don't usually review restaurants but I was impressed and I guess I have to start somewhere if I'm ever going to write something serious.

-DGM



Friday night, January 5th. It was raining. This was the night that I was to start living the party life. That's what it said in the *California Tech* and, though I had no idea of how to go about it, that's what I was committed to do. I saw the ASCIT movie.

The movie that night turned out not to be inappropriate for the situation. Many Techers, including myself, do have some Woody Allen in them. As a matter of fact, a girl I used to know once hinted to me that we go see *Annie Hall*, though I never picked up on her suggestion. Now I think I know why she mentioned it.

At the end of the movie I had some confidence that there actually were people out there who I could go out and meet and relate to. I got dressed up and drove off to Oxy. I had never been around Oxy before, so I parked as soon I saw some college type buildings and figured if I walked around long enough I would run into the dorms, where I hoped a party might be. Oxy has quite a nice looking campus. Buildings have names such as Jorgensen, Braun, and Booth.

After a bit of wandering and a fortunate encounter with a map of the school, I came across what psychedelic posters and curtains on the windows told me had to be a dormitory. I didn't enter, but just walked past, watching for signs of a party inside. Many of the rooms had lights on, and a T.V. or stereo blasting here or there. I strolled past several dorms in this manner. It was drizzling and I was wet and I did not feel at all at ease. Since so many people reading this column think it wimpy of me not to go inside and search for a party more directly, I walked into an open door.

I was in a hallway resembling one of Tech's undergraduate alleys. A poster said "All you can drink-\$1.00-!" under that was another poster reading "We assume no responsibility for your actions at this party. Drink at your own risk. -Saturday Night at the Pits Committee." A short trip inside revealed only a few open doors with people inside trolling. No party. I hadn't the courage, nay, gall, ok, courage to ask one of the trolls where tonight's party was. I walked outside and got rained on some more.

After more wandering and discouragement I heard music which my keen ears told me must have been from a live band. I discovered some muddy dead

ends before I finally found where the music was coming from. To my surprise, it really was a live band. It was playing in what appeared to be the moderately sized lounge of a dorm. As I walked in the entrance a guy was standing outside talking to a girl. All I caught of his words was "...and I was so bombed that..." The girl looked intensely interested.

When I got into the foyer of the dorm, a tall guy was standing talking to two girls. One of the girls had her back to me; the other was facing me and was glamorously made up. Despite this, she wasn't bad looking at all. They all turned to watch me come in, so as I removed my soggy jacket I announced, "I finally found one. A famous Oxy party." I thought it wise to compliment them. The girl with her back to me turned away again, the other smiled and returned to the conversation.

Daunted in the slightest, I went into the lounge where the

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ASCIT MOVIE

Friday Night ASCIT Members 50¢
Baxter Lecture Hall Others \$1.00
7:30 & 10:00



Next Week
Take the
Money and
Run



The Caltech Y.....fly by

Friday, January 12, 1979 (today), NOON CONCERT, with Buzzy Lindhart, rock song writer and musician. On the Quad at noon. Bring your lunch.

Wednesday, January 17, 1979, UPDATE NOON DISCUSSION SERIES featuring Dr. Max Delbruck, Nobel Laureate, speaking on "Signal Handling in Biology." In Clubroom 1, Winnett Center at noon. Bring your lunch.

Friday, January 19, 1979, A CELEBRATION OF THE CHINESE NEW YEAR, at noon on the Quad. The lion dance, martial arts, and music will be part of the program. Co-sponsored by

From Page Two

band was. Near the punch bowl, knots of people were yelling at each other over the noise. Inside, a great group of people were facing the band, with about 50 people dancing in between. I had some punch. Ginger ale and Hearty Burgundy. There were slightly more guys than girls. Some guys and a few girls were standing alone. I joined the group in watching the dancers and the band.

After a song or two I shifted back into what I thought was forward and asked one of the two girls standing near me to dance. She looked a bit embarrassed and obliged. I thought I must be horribly ugly or else an incredibly bad dancer because she didn't look at me once during the dance. On purpose, too, I believe. After the dance we said thank you to each other and she quickly disappeared into the crowd. I resolved to ask someone standing alone next time. It looked to me that most of the people there knew each other and I didn't know anybody. I felt out of place.

One of my objectives in coming here had been to get to know people from another school and I couldn't talk to anyone with the band blasting way so I went back into the foyer. I really don't know how to walk up to a group of people and become a welcome addition to it. I didn't try, but just stood there watching, and I didn't learn. People generally ignored me, except for a tall student with a walky-talky, presumably a Security troll, and the same guy talking to the two girls when I came in, who came over and asked me, "What are you doing here?" I told him I was a UCLA student who had come over to check out the Oxy parties. Gentle Ray says it's chickenshit to be so insecure as to not admit you're from Caltech, but Gentle Ray looks like a linebacker and I look like a Caltech student. Well, I immediately saw the folly of my lie when Mr. Law Enforcement Stud asked me if the UCLA parties weren't good enough. Now I was a UCLA party reject, for a big school like UCLA is bound to have good parties. I was harmless enough, so I was not asked to leave, though I later overheard that this

was intended to be a 3-dorm party and some people were miffed that the whole campus had shown up.

I stood around a bit more and got a bit more nowhere. Now, do you suggest to J. Random Troll that he just walk up to a group of talking, laughing people and say, "Can anybody here help me pour some more punch, I'm too drunk", or "Hey, did you hear the latest about numerical simulation of two-dimensional turbulence?" I left. I suppose I learned what I knew all along. It's not going to be easy.

I had had enough of college parties for the weekend, so Saturday I decided to go to more of a place where people go to meet other people. A look in the phone book and a map sent me to a discotheque near Hollywood.

I don't really like disco music, but I had been to a disco before, and it was fun then. The place I went to turned out to be for people under 21, which was fine with me. I paid my \$4.50 and got in. Discos are impressive places. The lighting and the whole decor is truly amazing. And the noise is deafening.

Through the evening I danced with about ten girls, most of them quite foxy. I began to think that I wasn't all that ugly or that incredibly horrible a dancer after all because though the girls I was dancing with hardly looked at me, very few of the other girls were looking at who they were dancing with. However, I got a number of looks from the surrounding girls with whom I was not dancing. "This is one for a social scientist," I thought. Well, that thought reveals the bad influence of Caltech. Instead of wasting my time analyzing the situation, I should have been developing my animal instincts and following through on those looks I got from the other girls. On the other hand, since I am so goddamned cerebral about things, I observed the general scene with great and rewarding interest. Much attention was paid to couples who knew how to really dance, with twirls and bumps and really nice moves. Chicano guys and girls eyed each others Zoot Suit-type styles. Once When I danced with a black girl she kept looking over at the other black people on the floor and

laughing. I wondered if they were making fun of her for dancing with a white boy. She looked forlorn some time later when I saw her sitting down. I hope I didn't cause her any problems with her friends after we danced.

Usually, at the end of a dance the girl would take off to go giggle with her friends. This is really not encouraging to me because I am not used to groups of giggly girls. There are none at Caltech, with the possible exception of the Housing Annex. I was able to strike up a conversation with a high school

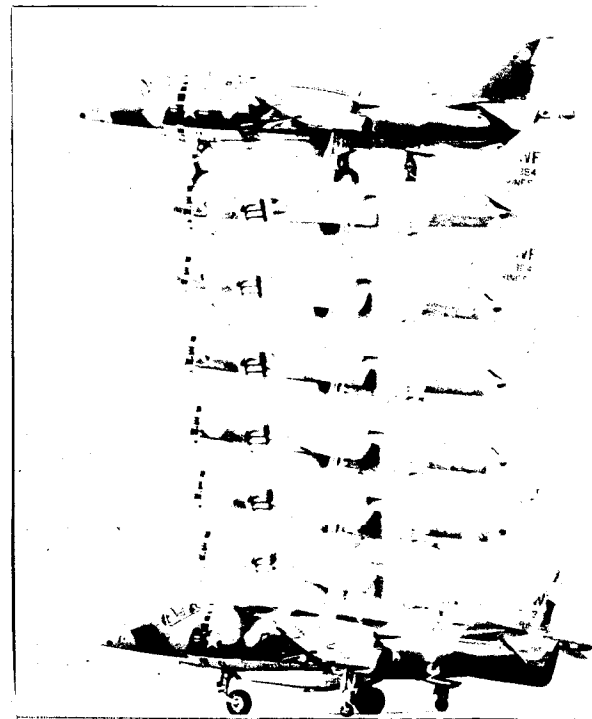
girl named Andrea. I bought her a drink of grape juice and, when she asked me, I told her I was from Caltech, which she had heard of. She did not seem to be put off in the slightest, even when I committed the outrageously idiotic blunder of explaining that some Caltech students are worried about our reputation as nurds. After a while, one of her friends walked up to her and whispered something. Andrea told me she had to go now and walked away. I saw her around later and should have asked her to dance again.

As the evening wore on I got tired and spent more and more time standing, as many other guys were doing. It got harder to dance as the floor got crowded and as the number of unattached girls decreased. I went to the game room and had a lot of fun playing pinball. I even won a free game. I left without a phone number, but with material for a column and more experience to guide me in my next pursuit of the party life, next week. [By the way, W.B., I'm told that there is now an under 21 disco on Lake Ave., next to Hamburger Hamlet—ed.]

-W. B. Swahn

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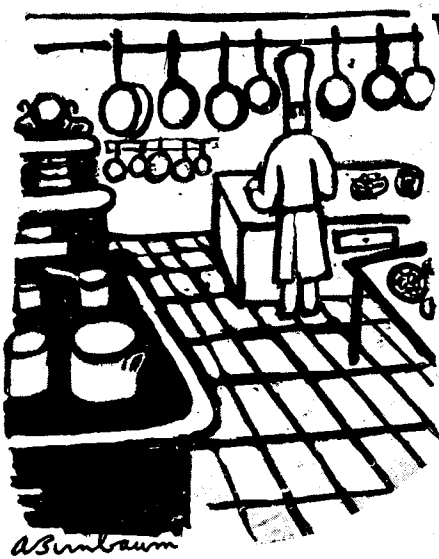
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Free root beer float with dinner Offer good for Saturday and Sunday only

Attention Graduate Students: Tuesdays are Beer Days. Buy 1 pitcher, get the second one free!

JAZZ in L.A.

The L.A. area abounds in jazz clubs where you can have food, drink, and for (relatively) little money hear great music. In an effort to help the social life of Woody B. Swahv (I think there are enough girls out there for both of us), I'm here to tell you where you can find them (the clubs and, hopefully, the girls).

This coming week is a remarkable one for jazz listening. Seven, count 'em, seven big-name performers are being featured in clubs in this area. These clubs can be divided into two groups: those that let minors (under 21 in. and those that don't. Here's a list of the more prominent jazz clubs in the area (always call before going):

NO AGE RESTRICTION
The Lighthouse, Hermosa Beach, 372-6911. One of the two top "minors-welcome" clubs around; no reservations; guitarist Gram Green playing through Jan. 16.
The Golden Bear, Huntington Beach, 714-536-9600. Not strictly jazz; the other top minors-welcome place; don't miss saxophonist Tom Scott there Jan. 14 and 15; call for reservations.
Donte's, North Hollywood, 796-1566. Jazz plus good Italian food; super reed and flute player Joe Farrell there tonight and tomorrow night.

Jazz Safari, Long Beach, 432-2004. Usually the Williams quartet, guest artist Fridays and Saturdays.

Marina Bistro, Marina del Rey, 821-4963. Another supper club.
Relic House Diner and Saloon, Reseda, 705-9888. Blues, bluegrass, ragtime, etc.; Roto the Wonder Band has played there so I guess they don't feature mainstream jazz.

McCabe's Guitar Shop, Santa Monica, 828-4497. A unique place; jazz, blues, bluegrass, and folk music with tea, coffee, cake at intermissions; children's puppet shows, too, for those times when physics gets you down...

21 YEARS (or an adult disposition) REQUIRED

Concerts by the Sea, Redondo Beach, 379-4998. Consistent top performers; the great Ahmad Jamal opening Jan. 16.

Parisian Room, L.A., 936-8704. The best blues singer ever, Joe Williams, plays there until Jan. 16.

Pasquale's, Malibu, 456-2007. A long drive, but worth it; the Toshiko Akioshi/Lew Tabackin

Continued on Page Six



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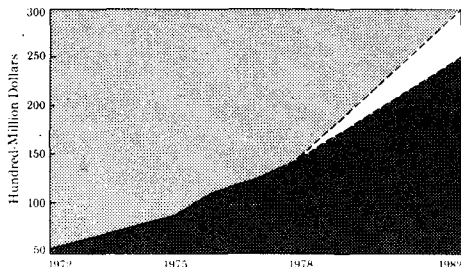
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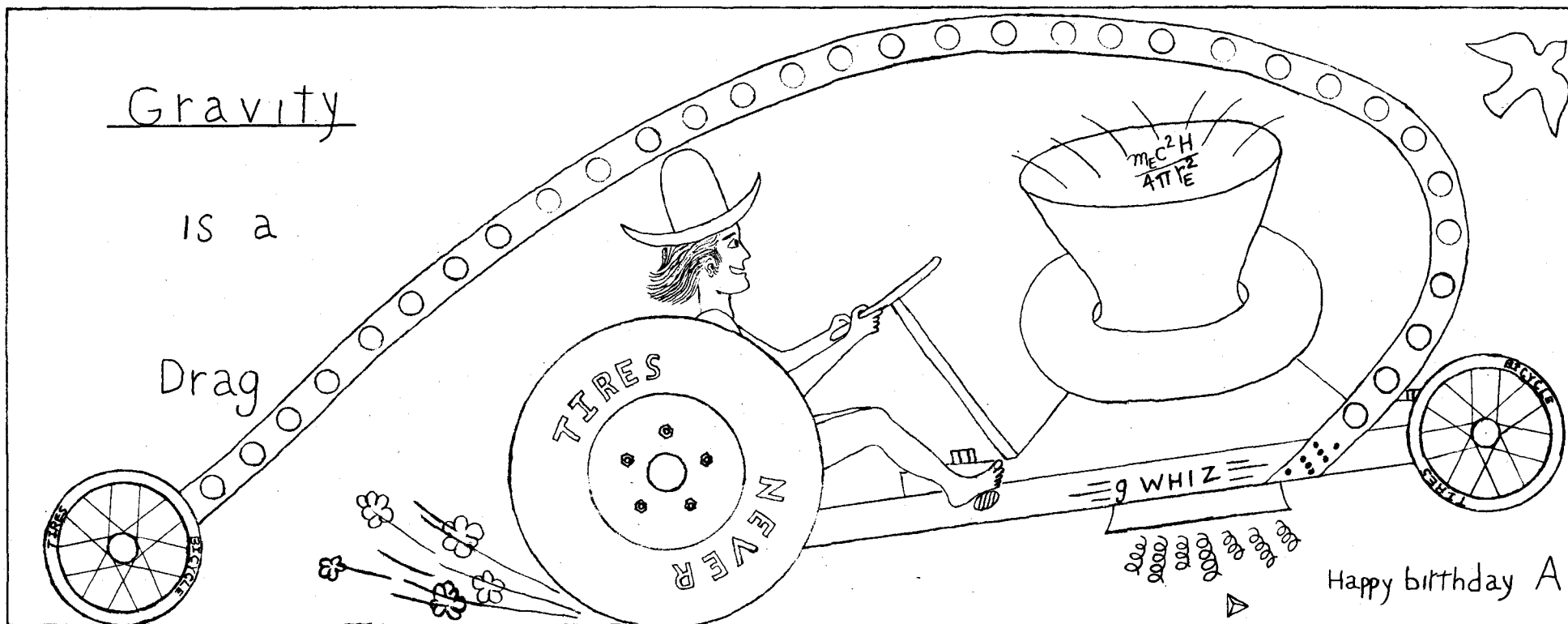
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Projections by such top financial media as *Business Week*, *Dun's Review*, *Barron's* and major industrial publications suggest continued growth in sales and earnings at or above the 1970-71 level.

ON CAMPUS: Thursday, Jan. 18



★ CALTECH PRESENTS ★

SERIES 1: DRAMA

Subscribers to the Drama Series receive 3 plays, one each performed by ITP/Mark Taper Forum, Spectrum Productions, and the New Shakespeare Company of San Francisco. Please use the ticket order form to specify your choice of date for "Phaedra" and for Shakespeare.

"AN ACT OF IMAGINATION"*

ITP (Improvisational Theatre Project) of the Mark Taper Forum performs an improvisational collage of music, mime, and story, with audience participation.

THURSDAY, MARCH 1 8 PM This production is supported, in part, by the California Arts Council Theatre Tour Program.

"PHAEDRA"*

Racine's dramatization of the ancient Greek tragedy, performed by SPECTRUM PRODUCTIONS.

FRI. & SAT., APRIL 20, 21, 27, 28, MAY 4 & 5 8 PM

"MACBETH"

FRIDAY, MAY 4 8 PM

NEW SHAKESPEARE CO. OF SAN FRANCISCO in contemporary productions of the classics.

Series subscribers receive a choice of either play.

"twelfth night"

SATURDAY, MAY 5 8 PM

SERIES 2: ENSEMBLES

CALIFORNIA CHAMBER SYMPHONY

HENRI TEMIANKA, Director, with flutist LOUISE DI TULLIO in an evening of Mozart.

SATURDAY, FEBRUARY 17 8 PM

HARVEY PITTEL SAXOPHONE QUARTET*

The new ensemble's first major Southland concert.

FRIDAY, MARCH 2 8 PM

"AN AMERICAN THREE"

performed by the HARLEM OPERA

in its only southern California appearance.

SATURDAY, APRIL 21 8 PM

"Mermaid in Lock No. 7"

Siegmeister

"135th Street Blues"

Gershwin

"The Telephone"

Menotti

PETER SERKIN, RICHARD STOLTZMAN, IDA KAVAFIAN, and FRED SHERRY perform contemporary chamber music.

TASHI

SATURDAY, APRIL 28 8 PM

SERIES 3: GREAT SOLOISTS

FLAMENCO GUITARIST CARLOS MONTOYA

SATURDAY, MARCH 10 8 PM

ALFRED BRENDEL PIANIST

THURSDAY, MARCH 15 8 PM

ORGANIST and HARPSICHORDIST ANTHONY NEWMAN

FRIDAY, MARCH 30 8 PM

SOPRANO JESSYE NORMAN

WEDNESDAY, MAY 2 8 PM

"...a most accomplished and intelligent singer. She possesses a luxuriant voice..." (Ara Guzelimian, L.A. Times)

"a violinist of rare gifts" (St. Louis Globe Democrat)

KATHLEEN LENSKI*

TUESDAY, MAY 15 8 PM

SERIES 4: POTPOURRI

CARLOS MONTOYA FLAMENCO GUITARIST

FRIDAY, MARCH 9 8 PM

DIZZY GILLESPIE

in concert with BEN BROWN, RODNEY JONES, MICKEY ROKER, and SHEVOYNE WRIGHT.

"No trumpeter has yet surpassed Gillespie, technically or creatively" (Leonard Feather, L.A. Times.)

SUNDAY, MARCH 11 3:30 PM MATINEE

THE WORLD OF MARTHA SCHLAMME

The international folk singer,

"...a minstrel with an ultimate talent for communication" (N.Y. Daily News)

SATURDAY, APRIL 7 8 PM

"AN EVENING OF FOUR CONTINENTS"

FRIDAY, APRIL 27 8 PM

Ethnic and authentic - Ashanti's African drums, Uruna from the Andes, Greek dancers, and the Korean Traditional Music and Dance Company.

Presented by the Associates of the Ethnic Arts at UCLA

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ANNA RUSSELL

Musical Madcap!

SATURDAY JANUARY 20 8 PM

CLASSICAL GUITARIST CHRISTOPHER PARKENING

SATURDAY JANUARY 27 8 PM

THE CALTECH MUSICAL "THE MUSIC MAN"*

Faculty, students, and staff in a riotous production of Meredith Willson's comedy.

**FRIDAY, FEBRUARY 23 8 PM
SAT., FEB. 24 2 PM & 8 PM
SUN., FEB. 25 2 PM & 7 PM**

"CHINA--THE AWAKENING GIANT"

Travel documentary personally narrated by explorer/author Jens Bjerre

SAT., MARCH 31 8 PM

C.L.E.A.R. DAYS

Performances, exhibits, displays by Pasadena Arts Council groups - fun for the entire family!

BECKMAN MALL
No admission charge.
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Event	Number of Tkts.	Day, Date and Time	Please CIRCLE Price	Amount	Office Use Only
SERIES 1: DRAMA Specify date choice for: "Phaedra" _____ Shakespeare _____		Thur., 3/1; plus "Phaedra" and Shakespeare	\$13.50-12.50-11.50		
SERIES 2: ENSEMBLES		2/17, 3/2, 4/21 and 4/28	\$25.00-22.00-19.00		
SERIES 3: GREAT SOLOISTS		3/10, 3/15, 3/30, 5/2 and 5/15	\$32.50-28.50-24.50		
SERIES 4: POTPOURRI		3/9, 3/11, 4/7 and 4/27	\$24.00-21.00-18.00		
INDIVIDUAL EVENTS					
Anna Russell		Sat., 1/20-8pm	\$6.80-6.00-5.20		
Christopher Parkening		Sat., 1/27-8pm	\$6.80-6.00-5.20		
California Chamber Symphony		Sat., 2/17-8pm	\$7.20-6.40-5.60		
"Music Man"*		Fri., 2/23-8pm	\$2.50 Gen. Adm.		
"Music Man"*		Sat., 2/24-2pm	\$2.50 Gen. Adm.		
"Music Man"*		Sat., 2/24-8pm	\$2.50 Gen. Adm.		
"Music Man"*		Sun., 2/25-2pm	\$2.50 Gen. Adm.		
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"Act of Imagination"*		Thur., 3/1-8pm	\$4.80 Gen. Adm.		
H. Pittel Saxophone Quartet*		Fri., 3/2-8pm	\$5.60 Gen. Adm.		
Carlos Montoya		Fri., 3/9-8pm	\$6.80-6.00-5.20		
Carlos Montoya		Sat., 3/10-8pm	\$6.80-6.00-5.20		
Dizzy Gillespie		Sun., 3/11-3:30	\$7.60-6.80-6.00		
Alfred Brendel		Thur., 3/15-8pm	\$8.00-7.20-6.40		
Anthony Newman		Fri., 3/30-8pm	\$6.40-5.60-4.80		
"China"		Sat., 3/31-8pm	\$4.25-3.50		
Martha Schlamme		Sat., 4/7-8pm	\$6.00-5.20-4.40		
"Phaedra"*		Fri., 4/20-8pm	\$4.40 Gen. Adm.		
"Phaedra"*		Sat., 4/21-8pm	\$4.40 Gen. Adm.		
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"Phaedra"*		Fri., 4/27-8pm	\$4.40 Gen. Adm.		
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"Phaedra"*		Sat., 4/28-8pm	\$4.40 Gen. Adm.		
Tashi		Sat., 4/28-8pm	\$7.20-6.40-5.60		
Jessye Norman		Wed., 5/2-8pm	\$7.20-6.40-5.60		
"Macbeth"		Fri., 5/4-8pm	\$6.40-5.60-4.80		
"Phaedra"*		Fri., 5/4-8pm	\$4.40 Gen. Adm.		
"Twelfth Night"		Sat., 5/5-8pm	\$6.40-5.60-4.80		
"Phaedra"*		Sat., 5/5-8pm	\$4.40 Gen. Adm.		
Caltech Glee Clubs		Sat., 5/12-8pm	Free		
Kathleen Lenski*		Tues., 5/15-8pm	\$5.60 Gen. Adm.		

*=Ramo Auditorium

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From Page Four

Big Band there on Sun., Jan. 14. *Hong Kong Bar*, Century City, 277-2000, ext. 240. In the Century Plaza Hotel, good place to impress a date. *Jimmy Smith's Supper Club*, North Hollywood, 760-1444. Smith's band plays with others sitting in; informal; two blocks from my grandmother's house, if anybody cares.

Concerts by the Sea, the Lighthouse, and the Jazz Safari all have two-for-the-price-of-one admission on Wednesdays. To recap those top performers: Joe Farrell at Donte's, Toshiko A./Lew T Bit Band at Pasquale's, Joe Williams at the Parisian Room, Ahmad Jamal at Concerts by the Sea, Tom Scott at the Golden Bear, and two others at the Roxy theatre: keyboard artist Herbie Hancock Jan. 15-16, and Freddie Hubbard on trumpet Jan. 23-24.

Fortunately, you don't have to be 21 to buy records, so I'll mention a few new releases every two weeks. The best big band of the year, the Toshiko Akioshi/Lew Tabakin Big Band, has put out the album of the

year, *Insights*, which includes a 22-minute piece written by Toshiko that is just awesome.

Three excellent saxophone releases are Grover Washington's *Reed Seed*, Tom Scott's *Intimate Strangers*, and Ronnie Laws' *Flame*. A personal favorite is keyboard artist Joe Sample's first solo album (you might know him as part of The Crusaders) *Rainbow Seeker*. My favorite album of 1978 was Hubert Laws' flute masterpiece, *Say it With Silence*. The Jeff Lorber Fusion, a year-old group from Oregon, has just released its superb second album, *Soft Space*. If you like Latin jazz, there's Willie Bobo's new *Hell of an Act to Follow*. George Benson hit the top of the charts last year with his guitar and vocals on *Weekend in L.A.* A four-album recording of the last concert of Chico Corea's Return to Forever is not available.

And if you want to hear some jazz before you buy it, tune in KKGO at 105.1 FM. They play good music with few commercials (many are concert notices, anyway). (No, they do not pay me for advertising.) L.A. has become the recording center for jazz, so take advantage of it.

-M. G. Fin

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Keys, Please!

All graduate and undergraduate students who have not turned in their old gameroom keys to Flora by 1-31-79 will be charged \$2.00 (per their written agreement) for a non-returned key. There are at least 200 of you out there, so come on! If Flora is not at her desk when you come to turn in your key, just put it in the mailbox on her door, or on her desk. If you want to trade your old key for a new key (which opens the two gamerooms, the WATS line and the Y Xerox), please bring your Caltech ID with you. You must see Flora to get a new key. If you have any questions, call ext. 2157.

Heavenly Days!

The Caltech Ski Club has a trip planned for Jan. 26-30 to Heavenly Valley, at South Lake Tahoe. Heavenly Valley is America's largest ski area, extending into two states, with over 4,000 vertical feet of skiing, all overlooking beautiful Lake Tahoe and the Carson Valley.

We have reserved a 4-bedroom house on the beach of Lake Tahoe, 10 minutes from the slopes, and 10 minutes from the casinos, shows, and big hotels of Stateline, Nevada, and its fantastic night life. We would like to have a minimum of 12 on this trip (there are 13 beds). The cost will be \$5 per night lodging only, for ski club members, for 4 nights. If missing the two school days is inconvenient, but you are interested anyway, we can possibly change the length of the trip. So sign up at the Caltech Y office. We will close the signup on Jan. 17, but sign up early.

Any questions, call Mark Fischer at 796-1445, or Dan Pernich at 795-3520.

Fun!

The moment you've all been waiting for has arrived! This Tuesday, Jan. 16, there will be an election for class officers. Vote once, vote twice, but vote for the officer of your choice. In related news, nominations for the ASCIT elective offices will open Wednesday, Jan. 17, and will close the following Tuesday at 5 pm. Elections for these offices will be held on Tuesday, Jan. 30. If you have any questions, call Larry Medrich at x2287. Sign up on Flora's Door in Winnett.

Women Meet!

The Women Student's Discussion Group will begin meeting Wednesdays at noon upstairs in the Y Lounge in Winnett. If you have any questions about the group or its meetings, contact Bev Pray, Campus Liason Nurse at X2393.

Epic!

On Wednesday, January 17, interested persons will have the opportunity to meet and listen to one of the few modern writers of epic poetry, George Keithly. Keithly's epic on the Donner Party [Ask a Californian-ed.] received high and wide-spread critical acclaim, and was used as the basis of a successful play on the Donners. A later book of Keithly's poems was the co-winner of the Poetry Society of America's yearly award. Keithly will be in the Judy Library in Baxter Hall at 4pm on the 17th.

Greasy!

The Student Garage needs a new chairman. The job pays \$3.00 an hour for a minimum of 30 hours per term, and involves keeping track of keys, and working on the garage. If you are interested, see Flora in 105 Winnett or call X2157.

Oh Captain, My Captain . . .

Confusion on both sides is the order of the day (or night, as the case may be) for the Battle of Cape Esperance, another naval miniatures game from the Caltech Gamers. The battle commences at 7:30 pm Saturday in Dabney Hall. Newcomers are welcome.

\$\$\$\$

Nomination forms for the Student Investment Fund are now available in Flora's Office. The deadline for returning the application is Wednesday, January 24 at 5pm.

Year of the Troll?

The Caltech Chinese Students Association is again holding its gala Chinese New Year (of the Goat) Celebration. Songs, slides, dances, and real Chinese cuisine will be featured. Tickets for the dinner portion of the program are \$3.00 (\$2.50 for members) and are available in the Master's Office. Hurry, they are limited.

Miffed Over Turn-Away

Open Letter to the Caltech Y:

I thank you very much for providing the Caltech community with interesting speakers and social activities. I am, however, incensed that at one of the events I had really been interested in attending, I was unable to do so owing to the fact that there was no room left upon my arrival. This was due, I found out, to the policy of the Caltech Y of advertising its events in local papers, resulting in a large attendance by people not even remotely connected to Caltech. I refer, of course, to the talk given by W. F. Buckley, Jr. My question is, why are the events of the Caltech Y advertised when absolutely no attempt is made to provide the Caltech community with attendance priority? It seems to me that the Caltech Y's first responsibility is to the members of this community who, in part, provide its support.

Respectfully,
Till W. Liepmann

MONEY!

The Consulting Engineers Association of California (CEAC) has announced its Third Annual Competition for undergraduates with scholarships in Engineering. Applicants must be U.S. citizens who are entering their junior or senior year in the fall of 1979 and are interested in consulting engineering as a possible career. CEAC awards one \$1000 and four \$500 scholarships, and two \$250 cash prizes. The deadline for submitting applications is January 31, 1979. Contact your Financial Aid Office in Dabney Hall, room 208, for application forms and for more detailed information.

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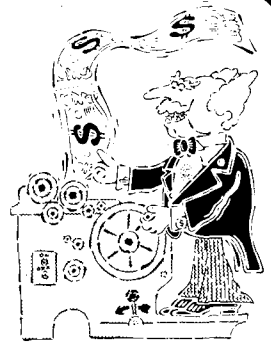
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Caltech students can complete AFROTC at USC (741-2670), UCLA (825-1742), or Loyola (642-2770).

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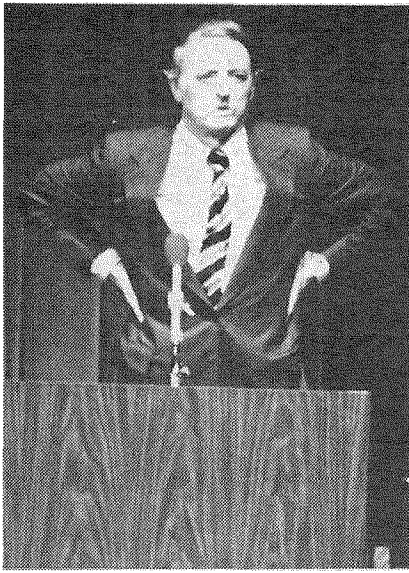
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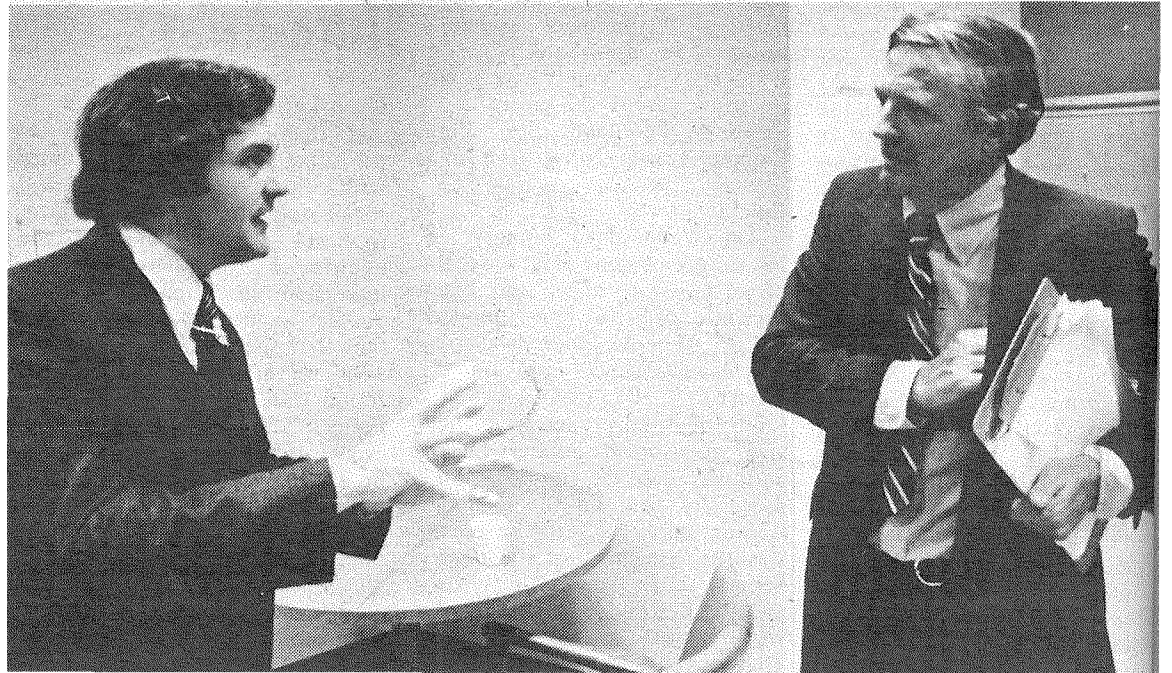
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William F. Buckley: "Where'd I put that wolfsbane"



"How should I know?"

The Caltech Y presents

William F. Buckley

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TSC'S CALTECH PROJECT

TSC's Caltech Project provides a unique opportunity for undergraduates and graduate students to participate in challenging, stimulating part-time work within walking distance of Caltech. It gives you a chance to sharpen your skills, expand your job experience, and gain insight into the industrial world. You will be paid while participating within a framework organized to be compatible with and supportive of the demands of your educational schedule. And you may be eligible for partial educational reimbursement (tuition and books.)

A Pasadena office convenient to the Caltech campus will be opened with remote computer terminals. Working hours will be arranged with you, according to your class schedule. The part-time jobs can expand to full-time summer jobs or can be combined with a full-time employment offer for those graduating this summer. Most of the available positions will go to juniors or seniors with programming experience. A position is also available for a graduate student to act as local project manager.

To find out more about this exciting opportunity . . . read on.

TSC is an advanced technology company headquartered in Santa Monica. We perform studies in a number of areas, including defense and air pollution; and we design and build electronic and computer-based equipment for both the government and commercial markets. Our growth rate of over 30% a year accurately attests to TSC's ability to attract and hold good employees. We are small enough to respond to individual ideas, yet large enough to implement them.

The TSC Caltech Project is a testimony to our high regard for a Caltech education. Many Caltech graduates are among our employees, including the Chairman of the Board and the Manager of the Computer Sciences Division, which is sponsoring TSC's Caltech Project.

TO APPLY or to find out about other opportunities, just call Gary Irving or Bill Meisel at (213) 829-7411 and arrange for an interview at Caltech or at TSC.

THE PROJECT

As the Caltech team evolves, TSC will draw from its broad diversity of projects to respond to the specific interests of team members. The initial team will work on this challenging project:

The overall project objective is to study and model computer architectures for rapid retrieval from a specialized data base.

The data base consists of cartographic information on both terrain and cultural features (i.e., rivers, mountains, roads, buildings, towers). The cultural features will be stored as three-dimensional entities. The purpose of this research is to help determine ways of handling the growing cartographic data-base problems encountered by the U.S. Geological Survey, the Defense Mapping Agency, and other agencies. These data bases are used for mapmaking, flight simulators, ship-docking simulators, regional planning, etc.

A special-purpose computer architecture is necessary to handle such data bases for interactive users. The architecture is a backend associative processor with a gigabit mass memory on a high-bandwidth channel. The mass memory and the associative processor are matched in I/O and memory speeds so that the processor can be used at maximum speed without having to wait on the mass memory. The mass memory has been designed as a semiconductor store so that delays associated with disks will not occur.

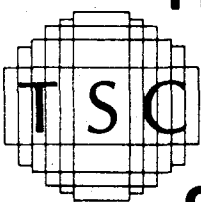
The project will consist of software simulation and supporting math analysis of portions of the data handling on the simulated architectures. For study purposes, the associative processor will be modeled by programming a STARAN B with 1,024 parallel processors. Project members will be involved in data-base methods, parallel processing techniques/modeling, and programming the STARAN B via remote terminals.

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