

VICTORY



-photos by Ron Gidseg

Caltech defeats the San Diego Cougars by air (Lee Mallory) and by land (Martin Brouillette). Details on page 9

Garwin On Star Wars

by Chris Meisl

President Reagan's Star Wars proposal was the topic of a talk by Dr. Richard L. Garwin in Ramo Auditorium Monday. Garwin, a physicist, is a leading spokesman against the Space Defense Initiative (the "Star Wars" proposal).

Garwin gave an extensive rebuttal to Star Wars, citing numerous alternatives that are both less expensive and more effective.

Garwin began by criticizing anti-satellite (ASAT) weapons, considering them far too expensive for what they are to destroy. Furthermore, the technology gain will inspire the

Soviet Union to make their weaponry more sophisticated.

Following ASAT's, Garwin discussed earth based beam weapons, and anti-ballistic missiles. Garwin added a few comments about U.S. offensive weapons (such as ballistic missiles) and their vulnerability.

The talk also considered many of the technical aspects of the defenses proposed in the Star Wars plan. Garwin specifically pointed out their shortcomings and were they could be replaced by much simpler devices, such as space mines instead of ASATs.

An hour of questions

followed the talk, ranging from new defense ideas to the political consequences of current ones, including the prospect of violating current SALT agreements prohibiting large-scale anti-ballistic missile defenses.

Garwin is IBM Fellow at the Thomas Research Center in New York and holds academic positions at Harvard, Cornell, and Columbia Universities. He consults to the U.S. government on matters of military technology and arm control.

The very well attended talk was sponsored by the Caltech Y and the World Affairs Forum as part of the Caltech Space Weapons Group series of presentations on President Reagan's Space Defense Initiative.

Brown To Speak On Defense Policy

by Lily Wu

Harold Brown, past President of Caltech, will discuss a Reagan Administration defense plan in Beckman Auditorium on Wednesday, Nov. 7.

Brown was Secretary of the Air Force from 1965 until he became President of Caltech in 1969. He left Caltech to join Jimmy Carter's cabinet as Secretary of Defense in 1977.

His talk, entitled "The Strategic Defense Initiative: ABM revisited," will list the pros and cons of different missile defense systems based on a recent study Brown conducted to evaluate Reagan's Defense Initiative. The Initiative proposes to build a new anti-ballistic missile (ABM) system either space-based with laser technology or land-based

with more conventional technologies. The specific system to be used is being studied now by defense specialists.

Brown will also discuss how the use of different systems may affect U.S. foreign policy strategies. Brown was a delegate to the SALT talks in the 1970's and had observed high level policy formulation.

The talk is sponsored by the California Seminar on International Security and Foreign Policy. The organization was founded partly by Brown in 1970 and is supported by Caltech and The Rand Corporation.

The talk, beginning at 4 p.m., is free and open to the public.

Grad Rents Increase

GSC: Housing Office Policies Unfair

by Tony Stirk

The Graduate Student Council (GSC) is concerned about the operation of the Housing Office at Caltech. Chief among these concerns are increasing rents, lack of parking, and maintenance problems.

Three years ago, a room in the graduate dorms was \$120 a month. It is now \$180 a month. Although room rents have gone up 50% in three years, graduate pay has not. For example, a Graduate Research Assistant (GRA) in Chemistry was paid \$6726 three years ago and will be paid \$8016 this school year. Using the Consumer Price Index figures for LA-Long Beach, in constant dollars, \$6726 would be \$8437 now. And, while student's buying power fell, his rent increased substantially. He paid 22% of his salary for his room in the graduate dorm three years ago, but he is paying at least 27% now. Some departments pay their GRAs much more, and some much less, but the pattern remains the same: more of a graduate student's total pay is going to paying for housing costs than before. Moreover, the graduate students receiving the lowest rates of pay are new to Caltech, those most likely to live in Caltech-owned housing. The combination of rising housing costs and inflation has lowered the standard of living of graduate students substantially, and this greatly concerns the GSC.

Catalina rooms at \$220 a month and allowing \$15 a month for utilities (Housing Office approximate figure) will eat up 35% of out typical

chemist's entire salary this year. Most Catalina tenants are first year graduate students, so their percentage figure is likely to be higher. Unfortunately, these first year graduate students were not offered the cheaper dormitory space in Housing Office mailings to new graduate students in an effort to fill all the rooms.

The best bargain for graduate students is Caltech owned off campus houses. A room in one of these houses would typically be \$130 a month. This is changing, however. In September, the first of three increases in an 18 month rental increase plan was made. For some of these properties, three 15% increases are planned. For example, the house at 290 Holliston was renting for \$320 in February of 1984. In September of 1985, the rent will be \$500, a 56% increase.

Chief among the reasons given by the Housing Office for these rapidly escalating prices were that provisions were being made for increased maintenance and that prices are being set to reflect housing prices in the private sector. An informal GSC survey found that maintenance actually appears to have decreased. The Housing Office has been found wanting in its maintenance of refrigerators, phones, heaters, toasters, and furniture in the graduate dorms. Processing of student maintenance requests has been very slow. The GSC objects to graduates paying higher rents for lower quality living conditions, nor does it believe that higher rents should

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Notes from here

by Mike Chwe

More Involvement

It's too bad more students don't stay around after third term finals for the commencement ceremonies. Last year, our own President, Marvin Goldberger, in his closing remarks, made a suggestion: "Think about becoming involved in politics." For the people who missed his remarks, an abridged, annotated version follows. The complete text can be found in September's *Engineering and Science*, from which I am quoting.

"There is much to be serious about, you well know. Students used to be insulated from the problems in the world outside the campus, but that hasn't been the case for many years now." [I don't know about many years ago, but we're still pretty insulated. You can find out for yourself by simply talking to a few of us.]

"...How can you contribute to the solutions that are so desperately needed? For some of you the answer will be to join industrial firms... For others the answer is to continue in universities... Both these kinds of careers offer not only personal rewards but genuine opportunities to contribute to the solution of difficult and important problems." [Administrators everywhere seem to use the word "contribute" a lot. What ever happened to the word "help"? We shouldn't confuse helping people with writing checks.]

"...However, on this occasion, I want to urge you to think about another course... Think about becoming involved in politics. [Bravo. But why soften the punch line: Get involved in politics. Society needs your help.] Not a single one of the problems we have been talking about is

missing a strong technical component. [Women's rights? School prayer? Life isn't a problem set.]... It is a tragedy that we do not have engineers and scientists making decisions at all levels from local neighborhoods, through city and state government, to the federal government and beyond, in international relations. [There are undoubtedly many government positions in which a science-engineering background would be helpful, if not invaluable. But knowledge of science isn't the magic power which will save the world. I don't think that we have to convince ourselves that we're Benevolent Scientists coming to help Stupid Bureaucrats. Anyway, there's a lot more to political involvement than making decisions in a big office building.]

"Caltech alumni, faculty and administrators have taken important appointments in government... But we have never to my knowledge had a governor from California and only a couple of congressmen. There has been one senator—Harrison H. Schmitt." [I remember distinctly that Goldberger didn't mention Schmitt during his remarks. (Remember, I'm quoting the extended *E&S* version.) At least, the omission isn't in print.]

"But why am I setting my sights so low? I'd like to see a Caltech graduate as president—one of you, say, in 2004. So go for it, and I promise to do everything in my power to be there for the inauguration."

I appreciate Goldberger's remarks. I hope students seriously consider his suggestion. But I'm sorry that he

makes the error so many of us make in thinking about people and what they do.

In our world, painters paint, actors act, and farmers farm. Painters aren't supposed to act, actors aren't supposed to farm, and farmers aren't supposed to paint. Life is split into "work" and "leisure," and people these days aren't supposed to do anything important and substantive outside of "work."

Modern leisure is oriented toward consumption and sensation. Leisure time is the time in which we're supposed to spend the money we earned at work.

The point is that one doesn't have to devote one's career to political involvement just to get involved. The amateur tradition in politics goes back a long way. The Founding Fathers were a bunch of amateurs. They, and lots of other people, before and since, have found some things important enough to devote time and effort to.

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The Caltech Y Fly-by

Friday... November 2

Noon concert. Communication Gap, that's not the name of the band, I don't know what the band is. See for yourself at noon, on the Quad.

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Sign up today for Philharmonic trip which will be on Friday November 9.

Monday... November 5

"Mark Twain for President," presenting his views on contemporary issues. Baxter Lecture Hall 8:00 pm.

Tuesday... November 6

Election day.

Wednesday... November 7

Noon Update, Neutrinos from Heaven and Earth, John LoSecco, Winnett Clubroom 1, noon, bring a lunch and a friend.

Thursday... November 8

The life and views of Bertrand Russel, Lecture with slides, presented by Al Seikel, Winnett Clubroom 1, noon.

Friday... November 9

Noon Concert, to be announced.

Philharmonic Trip. The program consists of works by Beethoven, and Schoenberg. (See above)

For more information, contact the Caltech Y at 356-6163, or just drop by.

letters

IHC Chair Defended

To the Editor:

Lily Wu made a good point in last week's *Gadfly* ["Promises, Promises," 10/26/84], namely that there is not a great deal of interest in ASCIT elections or in how the elected officers are performing; to most people, ASCIT functions the same, no matter who is running it. But she used unwarranted "examples" of elected officers not living up to promises. What upsets me most is the treatment of IHC Chairman Richard Murray. Others mentioned in the *Gadfly* may be equally undeserving, but I have personal experience in dealing with Richard as the IHC Chairman.

During a year in which I, like many others, grew increasingly critical of the House system, I viewed the election for IHC Chairman to be the most important of the contests last year. My initial hope was for a radical reformer to win, and adopt all sorts of changes to the house system. But I had been in a class with Richard, and from what I saw, found him to be easy-going and level-headed. Since no one else was making concrete suggestions about changing the house system anyway, I concluded that it would be best to elect a moderate, open-minded person, who would handle potential changes by weighing each one on its own merits, who would be willing to make changes, but not anxious to do so. On this opinion, and what I

had seen of him, I voted for Richard Murray.

I had a chance to test by assessment of what was best for change later in the year, when I was actively trying to change rotation to give the freshmen more say in picking houses. Reality exceeded anticipation. While remaining strictly neutral (as Chairman, he had no say in the final vote brought before the IHC), Richard helped me a great deal, devoting time and effort to explain the logistics of effecting change, and to point out how certain details in my proposals for change would cause problems, and how these might be improved. He and the MOSH, Chris Brennen, basically provided me with invaluable assistance in getting a sound proposal presented to the IHC, where it could be voted on. I was very impressed by how Richard handled the whole affair.

In short, Richard Murray promised competence, and he delivered. He does not deserve the off-hand criticism he received in the *Gadfly*.

—Art Duval

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letters

ASCIT Is Active

To the Editor:

In response to your article on ASCIT officers in *the Tech* last week [Gadfly, Vol. 2, No. 3], I would like to enumerate some of the things that are currently being done by the BOD. I think this time you've gone a little far afield in your search for things to complain about. We would like you to spend some time finding out about what's going on by showing up to meetings and talking with BOD members, but since you weren't willing to take the time to do this before writing your irresponsible and unfounded article, we'll help you out.

Let's talk about "student life" for a moment. If you had

been at the last few meetings you would have heard Paul Graven talk at length on that very subject. If you had read the minutes recently you would know the following: Dan Schwartz is currently involved with the housing office in buying ice machines for the student houses to help ease the problem that arises with the need for ice at parties, beach runs, or just personal use. Dave Parkinson is in the process of negotiating the leasing of copiers to be placed in the student houses which would be available 24 hours for students and could accommodate everything from special projects to class notes. I myself am

presently working with Ken Schmitz at Physical Plant on buying a new ASCIT van, allowing houses, clubs, or groups of individuals to go on long trips with minimal expense.

You seem to be asking, well, why hasn't this happened sooner? The answer is very simple—irresponsibility. Not by the BOD, but by the *student body*. All year the BOD has been paying for the various expenses caused by dishonesty and negligence among the campus community. Just the WATS line alone cost us \$5000—to pay for students who used a false account number or took off without paying their bills. It's taken a year and a half to clear up the mess, but if you'll notice, the WATS line is back on again and currently administered by

the Institute. We made sure that you'll never again have to pay for other students' dishonesty. A further expense was incurred when various houses took off for the summer without paying the bill for the ASCIT formal (some of them still haven't paid!). This put us out around \$3000 this summer and coming as it did directly after the WATS line bill left us completely broke for a long time. It's true that the books are better and more organized than they've been since I arrived at Caltech (come and see for yourself), but we, like everyone else, are working with a finite amount of money.

Even without much money, there are other things we've been doing all year that will soon be of direct benefit to the students. For almost a year now, we have been pushing for the refurbishment of the Winnett basement, which is one solution we came up with for the more or less non-existent "student center" that we have. The floor plans, which were drawn up by Chris Brennen, are currently being reviewed for a cost estimate and include space for a real jam room with soundproofing, pool/game rooms, OWC office, ASCIT office, student shop, and an extra room for any group to use that needs it. After the cost

estimate, these plans will have to pass the institute budget committee before being implemented. Jim Morgan estimates that this will take approximately until the end of second term, and we on the BOD are doing all we can to continue facilitating this transformation.

Another behind-the-scenes area in which we are still working arises directly from the faculty-student conference that was run by the BOD last year. For instance, I, as head of the Chem 1 committee, am busy following up on the various changes that were agreed upon by the majority of the students and faculty at that time, i.e. reuniting Chem 1 to 9 units, reviewing the necessity of Ch3, and major restructuring of the course in terms of the professors teaching the course, the materials taught and the continuity of those materials. A formal proposal is now being devised by the chemistry curriculum committee to be presented to the institute committee in November. If passed, these changes would come into effect next year. I know also that several other committee heads are still working with professors on other proposals that came up, most notably in the humanities and social

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Body Shop

Get A Grippe On It

Influenza Symptoms/Remedies

by Miki Goodwin, R.N.

Influenza, more commonly known as flu. Flu is a highly contagious viral infection and often occurs in epidemics in that many people from the same area at the same time get similar symptoms.

The symptoms are a little different from those of a cold and have a characteristic of coming on much more suddenly—even within minutes. The most outstanding early symptoms are severe body aches and a feeling of exhaustion usually out of proportion to the other symptoms of a slight fever and chills. Generally, nasal congestion and a runny nose are not associated with the flu but a sore throat and dry cough may develop.

Treatment is much the same as that for the common cold (last week's Body Shop). Rest in bed, drink lots of fluids, gargle for a sore throat and take aspirin or Tylenol for the fever and aches. This will relieve the symptoms considerably but it will take 4-7 days to be cured of viral infec-

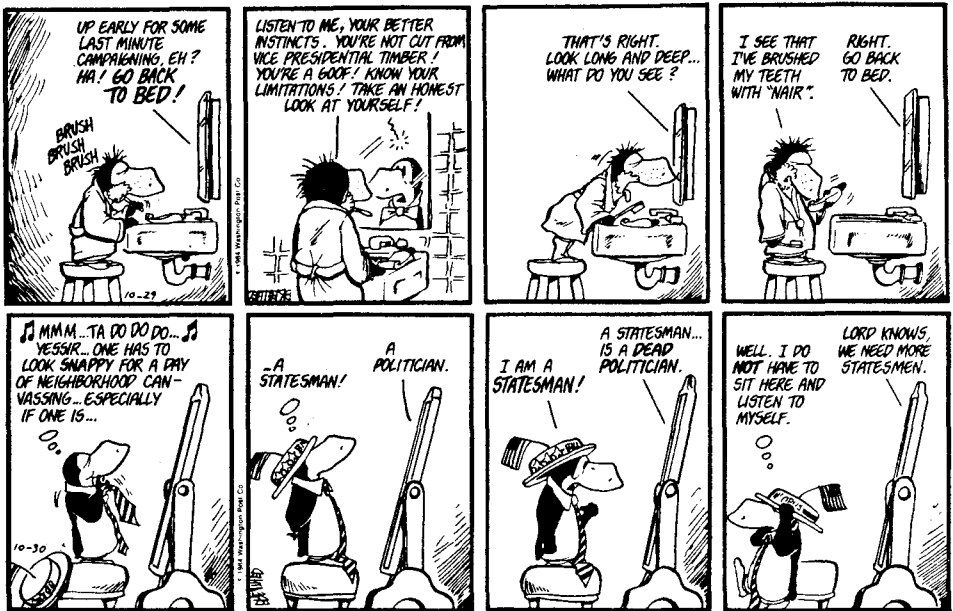
tion. However, if the fever persists over 3 days or the cough begins to produce yellow or green sputum it is recommended you seek a medical opinion so that bacterial infections such as bronchitis, strep throat or pneumonia can be ruled out. Other complications can include difficulty in breathing, pain in the chest, or earache, all of which require prompt medical attention.

By trying to avoid close contact with other people you will reduce the chance of spreading the virus and hence aid prevention. There are also some types of flu that may be prevented by vaccinations and they are of importance for anyone with a heart or lung disease or any chronic illness. However, most healthy individuals will suffer no long term effects from having had flu and usually recover speedily.

The most important thing to do with flu is rest, look after yourself and try not to spread it to others.

BLOOM COUNTY

by Berke Breathed



The Inside World

Blacker: Question: What is yellow, steals pool tables, destroys desks in a fit of animalistic rage, has Halloween parties, and can go for days without water? (Will Dr. Aird please report to the front desk. Dr. Aird.)

Hint: It can't really go for days without water.

Extra Credit: Who was disowned by his adopted parent?

—Whom

Dabney: Welcome to the land of playpens and Gumbobolus. We're having lots of fun here in Dabney House - it all started with the arrival of the frosh who are working at living up to all the finest traditions of Dabney... Then there was the night that Joel H and Don B decided they were really broke and made money entertaining us at dinner (only the cute or the brave need apply). Some of us had a slightly psychedelic (and better for it!) trip to San Francisco to see the Dead - we're doing our best to initiate the frosh in our own special way. Coming up - the frosh jai alai tournament and pie party Sunday.

—Dabney - where men can party and cats walk the earth

Fleming: Last Saturday was the Knott's Halloween Haunt, which Fleming dominated easily. Did anybody see Frank Kragh?

This weekend there will be a barbeque in the courtyard. Don't let Wicczorek near the grill.

And, of course, next weekend is Interhouse, which features Fleming House and an Ancient Roman Theme. Build Interhouse!

—Al Fansome

Lloyd: The Halloween party on Saturday was fun! Quite a few crazy costumes, and a good band. Congratulations to the Page and Lloyd Social Teams for a great job. The week has been quite casual. Yosufi had a severe shampoo problem Tuesday night at dinner. Jan and Nancy continue to offer "Saturday afternoon excitement," and the crowds keep coming.

Discobolus this weekend against Blacker ... the sport is softball. So get psyched! Interhouse Soccer starts next week, and we want you Lloydies on the field. Let's keep the Lloyd juggernaut rolling.

BUILD INTERHOUSE! (I hope this is not going to be a Friday night job!) ... Be casual.

—Ravi

Ruddock: And life in the Budd goes on...

Interhouse is coming along quite nicely. We have collected enough money for the band, but contributions are still needed for construction and supplies, so please give Yarmo a few extra bucks if you have them.

Last week's concert by...umm, what's his name? Stingstein? Pringteen? -whatever, supposedly it was a nice little concert, just the thing to get us warmed up for the real concert by Lou Reed last night. (Hey, babe, take a walk on the wild side.)

And this week's social event is a Halloween party with Blacker in the penthouse. (How satisfying - a party where I don't have to tend bar.) It's a costume party, so wear whatever you like - no, on second thought, don't wear whatever you like - make it at least marginally tasteful. Anyway, most everyone should come to the party and party down with the Moles.

We also played off some alley challenges this week. In a close-fought nail-biter, Alley One edged out Alley Two in mattress sliding. Meanwhile, the Trojans of Alley Four defended their lack of honor by crushing the hobbledyhoys (that word is courtesy of Butch Ghosh) of Alley Six in the time dishonored sport of poker dice. And the challenging is sure to continue, so stay tuned.

Me, I've waited so damn patiently,
Lying on the floor
Trying to do this jigsaw puzzle
Before it rains anymore.

—Hos

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BLOOM COUNTY

by Berke Breathed



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letters

BOC Should Re-Focus

To the Editor:

A recent article questioned the trustworthiness of the BOC in investigating Honor Code violations. It also questioned the role of the BOC in cases where conflicts arise between the Honor Code and the law. I would like to address these issues with a few examples. I was involved in a case where the putative unfair advantage was not nullified by the BOC despite compelling evidence against the defendant(s). The case did not even come before the full Board as it was thrown out by the Chairman after a flawed investigation. I have heard of two other cases where no action was taken.

During the Freshman BOC talks this year, a House Rep stated that it would be an Honor Code violation to refuse

to serve alcohol to a minor member of the Caltech community. I am taking this opportunity to inform the appropriate authorities that I have refused to serve alcohol to several minor members of Ricketts house. I request that the Board take action on this violation.

Cases such as the ones I have described should not take place. I have two suggestions—(1) The Board should not waste valuable time stating and pursuing ridiculous policies and (2) all cases brought before the Board should be evaluated by the entire Board and not the Chairman alone. I hope that the BOC would not make a mockery of the Honor Code in the future, as they have with one and perhaps three cases recently. —Santosh Krishnan

ASCIT Activity

from page 3

sciences.

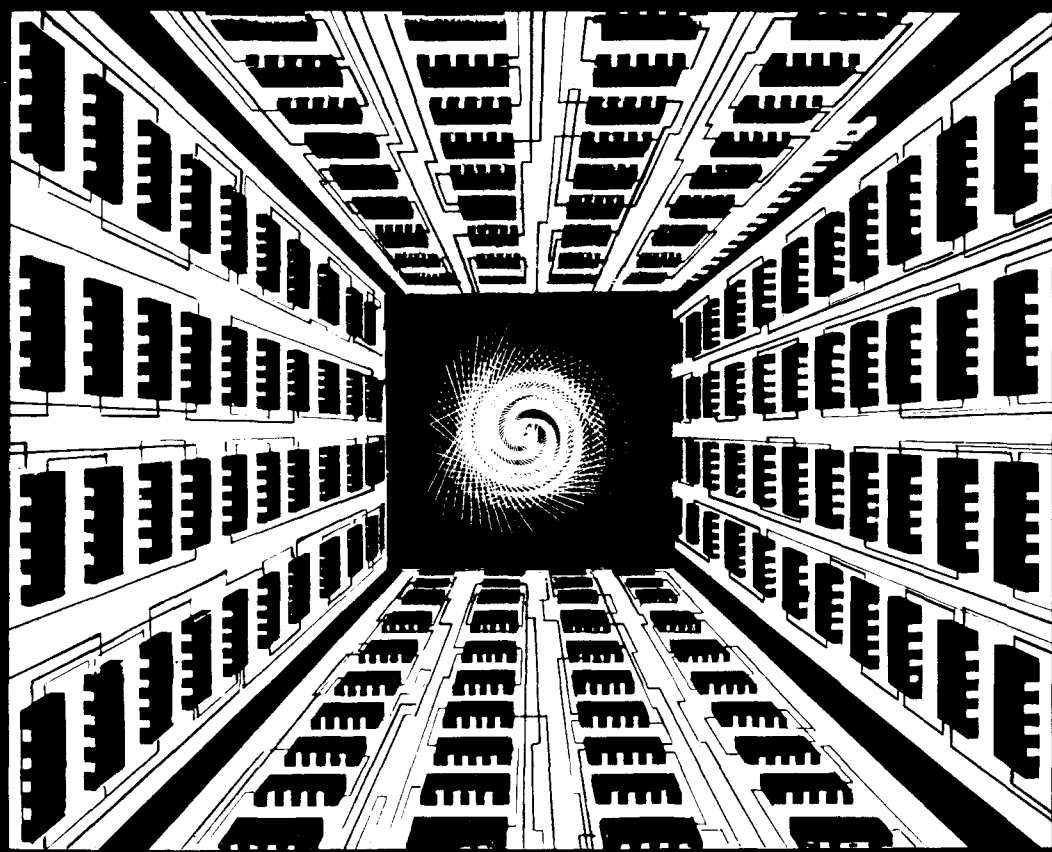
Unfortunately, some "campaign promises" every year turn out to be simply infeasible. It is true that more parties with other campuses was a good idea that Dan Schwartz had, and at the time there was much enthusiasm for it. One of these parties was then tried and was successful, as was pointed out in the letter. What most people don't know is that there were several problems with that party that make it difficult to continue them. When Dr. Goldberger heard that we were advertising a bar at the other colleges, he quickly pointed out that this was completely illegal (unknown to us) and we had to pull the bar out. It then turned out that though promised, money from the other colleges was not forthcoming due to a lack of enthusiasm on their part. Parties like that are prohibitively expensive for the size of our budget if the other schools don't help out, due to the cost of a really good band, drinks, and munchies for that

size of party. Nevertheless, I'm sure Dan has many more plans up his sleeve.

The bottom line of all this is that the BOD, especially this BOD, is doing everything it can to make some lasting changes and improvements in the student houses and on the campus at large. It takes a great deal of time (at least equivalent to a 6-9 unit class) on each of our parts just to keep things running. Without the BOD, almost no club would exist on campus. There would be no glee club, Hillel, Big T, the Tech ASCIT movies, Disneyland trips, faculty-student conferences or committees, coffeehouse, MUN, Interhouse, Discobolus, or the Honor System, and the list goes on and on. Still, we are taking time to make all the improvements we can. Before you complain about what we are or are not doing, look around you and ask yourself what you have done to improve student life since you got here.

—Teresa Solberg
ASCIT Director-at-Large

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—photo by Ron Gridseg

Greg Kavounas beheads Mike McDowell

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Buckaroo Reviews

A Weekly Column by Matt Rowe

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X/Rank and File/The Knitters
Universal Amphitheatre
Friday, October 26th

The Replacements
Twin-Tone Records

Repo Man
MCA Videocassette (rental/purchase)
Beverly Cineplex (theater)

As you can see, I've got a lot on my mind this week. XTC is what I'm going to be really reviewing, but I couldn't leave everybody else to just a sentence or two under "Also Recommended." So here goes...

I doubt most of you have ever heard of XTC. They're one of those bands who, try as they might, just can't quite break the U.S. In Britain, where XTC are from, their eight albums have helped build up a steady following, despite lead singer Andy Partridge's decision two years ago to call off touring because of his asthma. (And no, he's not one of the "Partridge Family.") But XTC's music remains as lively as ever, and in a desperate attempt to get more people to listen to it, I'm going to tell you why I like it.

XTC's new album is called *The Big Express*, and Geffen Records will sell it to you for \$8.98, but you can get it cheaper than that at most record stores. "Big Express" sounds like "Big Country," and sure enough, this album sounds a little like Big Country. But it also sounds like Madness; and although XTC's lyrics are more meaningful (and far more poetic) than either Big Country's or Madness', their music is so upbeat and cheerful that it's hard not to smile.

"So what does this music sound like?" you ask. Well, that's just the point; XTC sounds like no other single group I have ever heard. Sure, some of their songs are inspired by other bands, but XTC rips no one off. To start with, for example, *The Big Express* offers us "Wake Up," a semi-psychedelic pop song by bassist Colin Moulding on the psychological morning-sickness we are all prone to. The Beatles did songs like that, too; but this is a different band with an individual sound. The next song on the album is "All You Pretty Girls," the first single and a fine example of why I think XTC is one of the best pop bands around. It's a sailor's thanks to all his friends on shore:

Bless you, bless you, all of you pretty girls

Village and city girls by the quayside

Bless you, bless you, all of you pretty girls

Watching and waiting there for me

But the best aspect of "All You Pretty Girls" is the music. These sailors may be thinking of their girlfriends, but right now they're running a ship; hence, the melody is a pleasant, whistlable tune (which is, in fact, whistled during parts of the song) while the harmony is a heavy guitar that keeps the beat of the song.

The next song, "Shake You Donkey Up," is a satire of heavy metal, with a ridiculous drum solo; then there's "Seagulls Screaming Kiss Her Kiss Her," a subdued melody beneath lyrics telling of a frustrated, hesitant boy walking along a beach with the girl he likes. Side one of *The Big Express* finishes with "This World Over," a lament for the world we will have lost when we've dropped the bomb, and Side Two is a similarly diverse assortment of topics and musical styles, ranging from choo-choo train funk to jazzy

arrangements like those on the pastoral *Mummer*, XTC's previous experiment.

In the end, what an XTC fan gets is the feeling that he has listened to the band's first typical album; their previous releases each defined a new direction for the band, but *The Big Express* is the first to try everything on one piece of vinyl. But an XTC fan gets something that everybody else who buys *The Big Express* can get, too: a lot of fun.

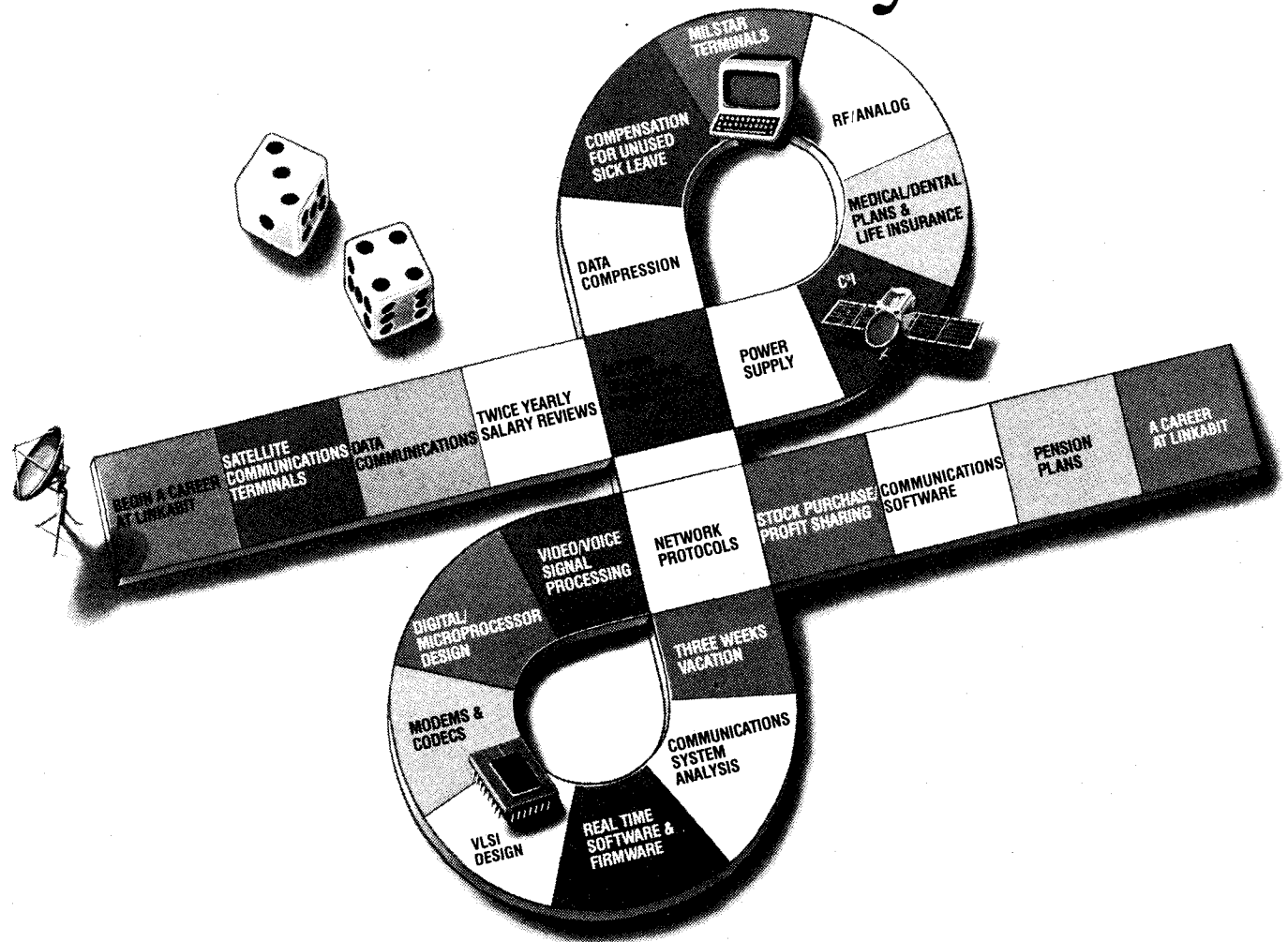
Which brings me to my next topic. Drop two letters from "XTC" and you have X,

a band that has as little in common with XTC as the Bat mobile has with a '69 Malibu. I went to see these guys last Friday while everybody else watched the Boss flex his muscles and I know it's not good policy to review something your readers missed—but boy, did you miss it! The Knitters, a folk group that takes up the time of members of X and the Blasters when they're bored, got the crowd on its feet with applause for John X. Doe's songs about things like getting drunk and stealing chickens.

continued on page 7

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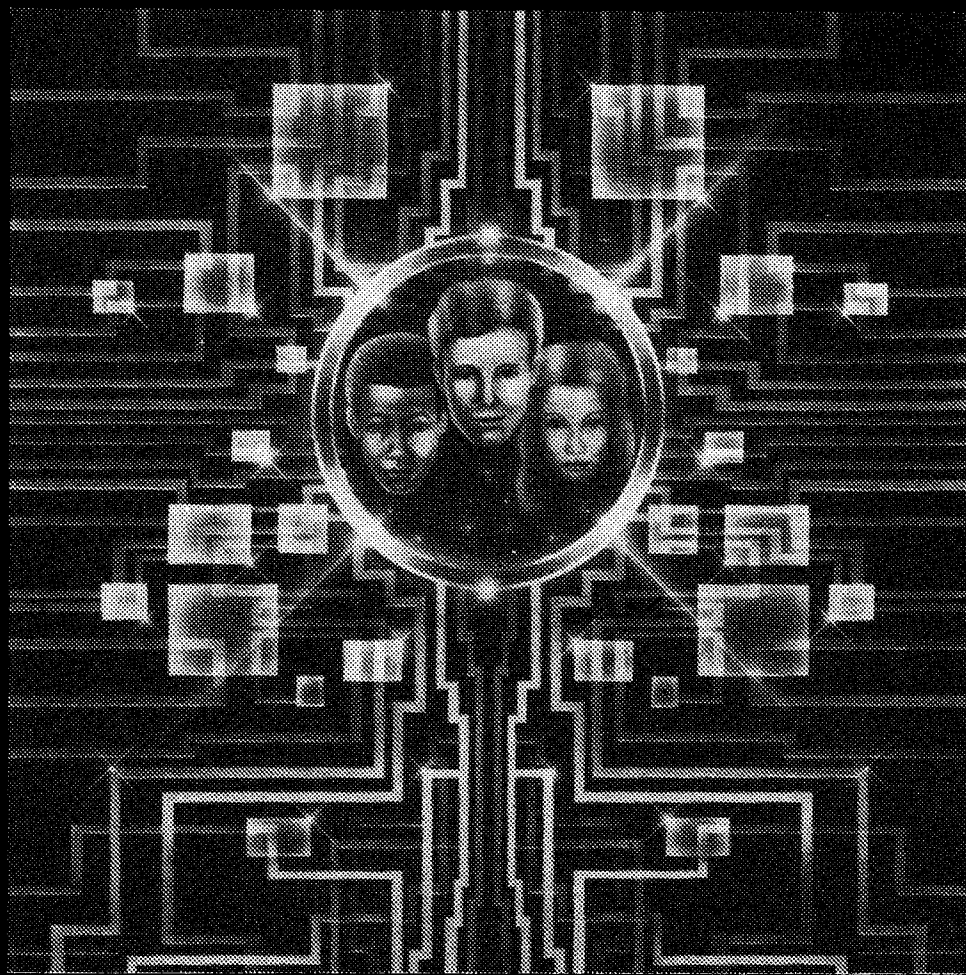


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CAMPUS INTERVIEWS
November 13, 1984.

entertainment

Movie Review

George Burns In Movie Hell

by Charles Barrett

Oh God! You Devil
Warner Bros. Pictures
Opens soon

I know, you're thinking "Oh God! Another *Oh God!* movie"—starring that affable octogenarian George Burns. True, we've all seen George in his fishing cap and canvas sneakers before. The first time was fresh and original, but the second time got a wee bit tedious. So, you say, why risk a third go at a well-trod premise? Well, now there is a new twist. Enter Harry O. Tophet, also played by Burns. Tophet (I looked it up; it's from an old English word meaning 'Hell') is sharply dressed where God is rumpled and comfy, sarcastic where God is wry, and to top it all off drives a flame red (what else?) sports car with personalized plates that read HOT. In short, our scene-stealing newcomer is none other than Beelzebub himself.

Yes, there are some mere mortals in the cast of characters. Ted Wass, whom you may remember as Danny from the series *Soap* a few years ago, plays Bobby Shelton, a struggling singer-songwriter waiting for his big break. When it's painstakingly

slow in coming, he rashly expresses a willingness to sell his soul for success. His comment does not escape Harry O. Tophet's attention, and before long a deal is struck. Tophet's contract involves an unexpected twist, and of course Shelton needs God to help him out.

Directed by Paul Bogart and written by Andrew Bergman, *Oh God! You Devil* avoids being too sugary by presenting characters who have enough depth to keep them interesting. True, some of the supporting cast are parodies of their real life counterparts, but they serve mainly to set the scene for Burns versus Burns or Burns versus Wass. I can honestly say the movie was better than I expected, moving at a good pace and remaining entertaining throughout. In particular, the poker game between God and the Devil allows Burns to show off his different characterizations with definite flair.

In addition to the obvious dilemma of Shelton's, the film makes some interesting points (albeit light) about the symbiotic relationship of good and evil, the interrelationship between God and the Devil. After all, one doesn't mean much without the other around for contrast.

Buckaroo Reviews

from page 6

Then Rank and File added electric guitars to the atmosphere with their rock/country mix (this year's *Sundown* is highly recommended) and got the audience tapping its feet. And then X, a local punk band that grew up. This isn't punk; punk doesn't play the Universal Amphitheatre: this is good old rock 'n' roll (a bit faster than most, maybe). "Wild Thing," with the entire audience yelling the chorus. "Hungry Wolf"—a howl of lust. "Nausea"; "Johnny Hit and Run Paulene"; "We're Having Much More Fun"; "White Girl"—you had to be there. Fortunately, X is from the L.A. area, and they tend to play four or five times a year. If you can't catch them live, though, pick up *More Fun in the New World*, or check out their fifth album, bound to be released before too long.

At the end of the X show, Exene Cervenka, the lead singer, suggested the whole audience go see another concert later that night at a club. Well, I didn't have enough money to get a ticket, but I can recommend the Replacements to you anyway. The Replacements are from Minneapolis; they have three albums on a local label, but you can get them all at Poo-Bah or any other decent record shop: *Sorry Ma, Forgot to Take Out the Trash*;

Hootenanny; and *Let It Be*. *Hootenanny*, one reviewer remarked, sounds like a compilation album; these guys do folk, blues, rock, punk, and even heavy metal. Everyone should immediately call up his favorite record station and request "I Will Dare," the single from *Let It Be*; or, better yet, buy the album. It's cheap, and if you absolutely hate it, I'll buy it from you myself. That's a guarantee.

That leaves me with one thing to talk about, and I'd better make it quick or the entertainment editor will kill me. *Repo Man* is a great movie. It's playing at the Beverly Cineplex in the Beverly Center (same place as *The Brother From Another Planet*, which John Fourkas reviewed two weeks ago). It doesn't star anyone you've ever heard of, and the director is no mogul, but Michael Nesmith of the Monkees was behind the whole idea. Car chases, aliens, gunfight, criminals and "cops" who are both on the wrong side of the law...this must be one of the best American movies I've ever seen, and certainly one of the funniest. If you can't make it to the Cineplex, buy or rent the videocassette, invite some friends over, and sit yourself down for some fun the L.A. way. See if you can recognize any of the freeways that star in *Repo Man*...

entertainment

Grad Rent Increased

Jazz Review

The Human Voice

by John Fourkas & Alex Zorilla
 Jeff Berlin and Vox Humana
 Hop Singh's
 October 26

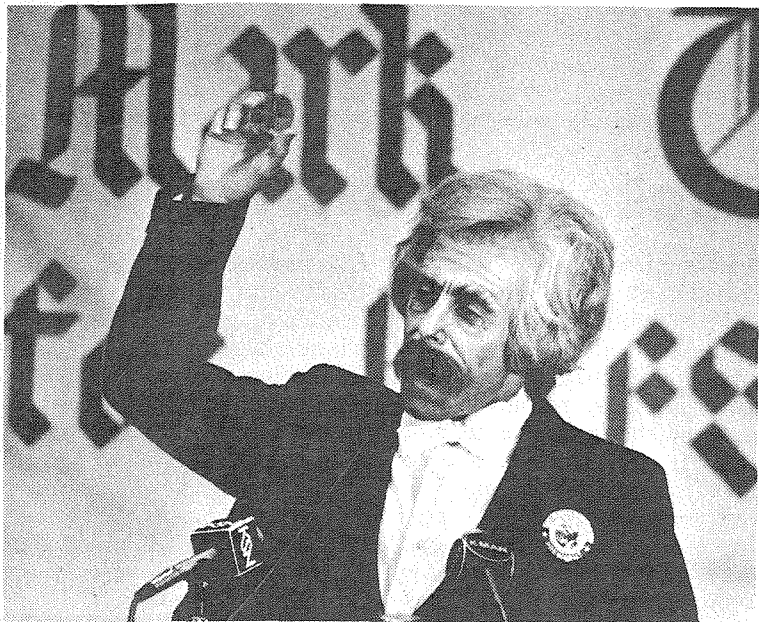
Look out, fusion fans, there's a hot new group on the jazz/rock scene. The band is called Jeff Berlin and Vox Humana, and they made their first public appearances Friday night at Hop Singh's in Marina Del Rey. The members of the band are Jeff Berlin (bass and vocals), Scott Henderson (guitar), Steve Smith (drums), and Clare Fischer (keyboards).

Some of you may remember Jeff Berlin for his virtuosic bass playing in the group Bruford (featuring Bill of the same name). Now that he is on his own, his musical accomplishments are all the more apparent. The audience was treated to many complex, melodic, and otherwise hell-bent-for-leather bass solos. Berlin also added vocals to two of the songs, and although he is very deprecatory about his voice ("You thought Quiet Riot was loud, just wait till you hear this!"), his voice is really quite good and went over very well with the crowd (with the sole exception of the man who yell-

ed "turn up the drums" when Berlin threatened to sing for the second time).

Henderson, who is better known as the guitarist for Jean-Luc Ponty (who was in the audience), also put in a very impressive performance. His guitar work was vivid, and outgoing but not overly aggressive. Smith, who is Journey's drummer, makes a very good jazz drummer, and his work contained an inspired and musical (but not overbearing long) drum solo. Grammy-award winner Fischer, a successful studio musician who has just finished some work on Prince's upcoming album, did some very good textural work on keyboards.

The band played very upbeat, intricate fusion music which leaned slightly more towards rock than jazz. The musicians also established a good rapport with the audience, which was astounded by the fact that the band had been together for all of four days. We can hardly wait to find out what they can do in a few months. Hopefully they will be releasing an album soon. Meanwhile, don't miss any chance to see them in concert.



In his nationwide presidential campaign for the "Anti-Doughnut Party," Mark Twain (alias Mr. Samuel Clemens) uses his razor wit to expound his views on the current political issues. See page 12 for info.

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from page 1

be applied until living conditions actually improve if quality is the Housing Office's reason for increasing the rents. Raising rents to correspond with private housing is self-defeating. Private housing concerns must show a profit, while the Housing Office need not. Furthermore, these higher rents make living in Caltech housing less attractive. For the \$880 rent of a Catalina apartment, these four people could rent a house on the private market that has much more space. Approximately 15 rooms in the graduate dorms are empty according to the Housing Office. The Housing Office is currently filling these rooms with non-graduate students over the objections of the GSC.

There is currently a year long waiting list for off campus housing and none for Catalina or the graduate dorms. However, married students are not allowed to live in either Catalina or the dorms with their spouses. Few places are available to these students as turnover in off campus housing is slow. Foreign married students may face the additional financial burden of a

spouse being unable to work in this country. The GSC believes that more effort must be made to house married students.

Parking is simply unavailable at Catalina. Students who can afford cars must park them in the open Caltech lot on the corner of San Pasqual and Wilson. This has caused a parking crisis all over campus. This situation can only be expected to get worse as those graduate students who do not have cars here purchase one.

The GSC was not consulted and objects to the Catalina leases. Currently, all the graduate students have year leases, as opposed to the monthly leases in the dorms. A student is responsible for the full year's rent. The Housing Office has offered students an out by allowing them to break their contract as long as another student takes their place. If such a student cannot be found, the renter is responsible for a full year's rent. Subletting is possible, but only if these three conditions are met: (1) The other tenants consent. (2) The sublet is between June and August. (3) The subletter must be a currently enrolled Caltech

graduate student. No known contract on the private market has such restrictive sublet policy and most apartment leases are monthly in this area. The GSC questions the fairness, desirability, and legality of these rental agreements. These conditions are considered especially objectionable in view of the fact that incoming graduate students were not offered housing in the graduate dormitories.

The GSC asks that you contact your department representative if you have a comment, positive or negative, about the housing situation at Caltech.

Political Involvement Needed

from page 2

It's downright dangerous to leave politics up to the politicians. There's room for everyone, including scientists and engineers, to get politically involved. It would be nice if a Techer became President some day. It would be fine if more Techers were involved in public decision-making. But it would be excellent if Caltech graduates, in every occupation, found a place in their lives for political involvement. Society needs all the help it can get.

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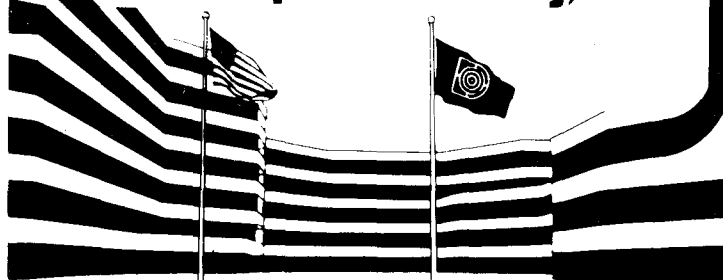
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sports

Beavers Triumph Over San Diego Without Beer

by Santosh Krishnan

The Caltech Beavers improved their record to 2-3 with an impressive victory over the San Diego Cougars last Saturday. The Beaver offense, led by quarterback Martin Brouillette and receiver/running back Lee Mallory, scored four touchdowns in the 25-12 win. The Beaver offense, which had been stifled in last week's 7-6 loss to the Valley Nomads, showed great versatility and the ability to make the big play. For example, with only a 7 point lead, Caltech appeared to have been stopped with a 3rd and 20 play. A Brouillette/Sverdrup pass, however, gave Caltech a key first down. A few plays later, Caltech had a first down on the Cougar 8 and appeared to be well positioned to score. The normally sure-handed Mallory, however, fumbled the hand-off, and Caltech was forced back. On the very next play,

Martin connected with Mallory in the corner of the end zone for a TD. Asked later about the game, Mallory, who had two TD receptions, called the victory a "team effort."

The Beaver defense was equally impressive, stopping the Cougars on key series time after time. The Cougar QB was sacked and intercepted several times, and the defensive pressure was evident in several hurried throws.

The Beavers have performed very well this year and would be 4-1 if not for two last-minute lapses. The team has weathered well the loss of many seniors. One of the key players in the team's success is QB Martin Brouillette. Martin, who is from Quebec, is a first-year graduate student in Aeronautics. Although he did not play very much football as an undergraduate, he has played football for over ten years. He is an aggressive



Lee Mallory scores one more time

player, both on offense and defense, where he is a backup safety. He is not afraid to run with the ball and scored one TD on the ground.

Last week, the Beavers won despite an absence of

cheerleaders and FREE BEER (hint, hint). Tomorrow, the Beavers face the San Fernando Valley Bulls in what promises to be an exciting match. All are welcome, especially ASCIT's FREE BEER.

Score With Santosh

by Santosh Krishnan

Last Week's Record:

W-L: 9-5

Against Spread: 8-6

Cume:

W-L: 19-8

Against Spread: 15-12

AFC

L.A. Raiders (7-2) at Chicago (6-3)

The Raiders did not come through last week as they should have. They will win this one, for otherwise they will be in trouble for the playoffs.

Prediction: Raiders by 2

Miami (9-0) at N.Y. Jets (6-3)

The Jets blew a 17-point lead last week against New England. Miami looked spectacular once again. This prediction is based purely on sentiment.

Prediction: Jets by 2 (Upset of the Week)

New England (6-3) at Denver (8-1)

Tony Eason is one of the best young QB's as evinced by the Patriot's comeback against the Jets. Denver looked sluggish against the Raiders for three quarters, but dominated thereafter.

Prediction: Denver by 3

Houston (0-9) at Pittsburgh (5-4)

Prediction: Pittsburgh by 5

San Diego (4-5) at Indianapolis (3-6)

Prediction: Indianapolis by 1

Kansas City (5-4) at Seattle (7-2)

A key AFC West game. KC has faltered after a strong start.

Prediction: Seattle by 3

NFC

L.A. Rams (5-4) at St. Louis (6-3)

The Rams were terrible against the 'Niners. St. Louis has one of the best young QB's in the league.

Prediction: St. Louis by 3.

Green Bay (2-7) at New Orleans (4-5)

Prediction: New Orleans by 2

N.Y. Giants (5-4) at Dallas (6-3)

A key NFC East game. The Giants have beaten Dallas at Dallas.

Prediction: Giants by 2

Philadelphia (4-5) at Detroit (3-6)

Prediction: Philadelphia by 3

Tampa Bay (3-6) at Minnesota (2-7)

Prediction: Tampa Bay by 4.

Atlanta (3-6) at Washington (5-4) [Monday night]

Another boring Monday Night game.

Prediction: Washington by 6

Interconference

Cleveland (1-8) at Buffalo (0-9)

Prediction: Buffalo by 3

Cincinnati (3-6) at San Francisco (8-1)

Prediction: San Francisco by 6

bouts. This Saturday, the Caltech fencing team will meet San Diego State University and Cal State Fullerton in an away meet. The team hopes they will win a few matches.

Fencers Miss

by Parry Riposte

Last Saturday the Caltech fencing team had a match away with U.C. San Diego.

The women's foil team, which consisted of Phyllis Li, Dana Pillsbury, and Susan Bridgway fenced well but lost 3-13. The team had to forfeit four bouts because only three members came to the meet. Pillsbury and Bridgway did a fine job of blocking their opponents' blades. Li led aggressive attacks and defeated three of her four opponents.

The men's foil team also lost, 1-8. Craig Keller was the only scorer, winning his first bout of the season. Scott Grossman performed effective parries and ripostes. He also kept good distance away from his opponents. Adam Lewenburg made fast lunges and got a few touches.

The men's epee team consisted of Charles Todd, Bill Gray, Joe Beckenbach, and James O'Dea. Beckenbach and O'Dea parried many of their opponents' attacks. Bill Gray was careful in and conscientious about his movements. He looked for openings and made a few touches. Charles Todd had a long reach and kept a good distance. He was able to get a few touches by beating and avoiding the opponents' blade.

The men's saber team almost won a match but lost 3-6. They lost two very close bouts by one touch each. Jeff Greason was aggressive and had strong ripostes. He forced through a few of his opponents' parries. Pat Blaine lost a close bout by one touch. He performed effective parries and ripostes to counter attacks. Matt Himmelstein won one bout. He made fast cuts and almost knocked his opponent's helmet off. Chien-Wei Han led running attacks and won two

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sports

Drunken Martians Play Polo

It was one of those nights. Couldn't really do anything. Was staring at a ton of homework, but couldn't begin it. Too drained from playing polo. Had been another rough practice. Just lay there, looking at the ceiling, eyes bloodshot and smarting from over-chlorination. Decided to go out and get a drink.

Swilling drinks didn't improve anything. Head was spinning, but not enough. Not smashed yet. "Hey, bartender, another drink here, huh?"

"Aren't you sure you've had enough?" The next drink sat itself snugly down. And was soon gone.

"Nope. Give me another." Another drink. "Play polo?"

"Yea, how'd you know?" "Lots of your type come in here. One of 'em shot my brother a coupla years back."

Drink was gone. "Another, please."

"You guys are really strange. Your hair is green, man."

"So?"

"You look like a _____ Martian. Why don't you stop doing this to yourself?"

"Because I like it!" Rose. Bartender by collar. Dizziness. Sat back down.

"Okay...okay! Hey, don't take your frustrations out on me."

"Sorry." Another drink disappeared. Didn't want any more. Stomach really sick now. Said nothing. Bartender came over.

"Who'd you play last?"

"Pomona-Pitzer."

"How'd you do?"

"Lost."

"No, how'd you do?"

"Didn't take a shot. Was completely clueless on offense."

Could barely walk. Head swimming in alcohol. Cop car.

"You okay, son?"

"Yeah, just fine."

"Had a little much to drink, eh?"

"Nope."

"Say, do you play water-polo?"

"Yeah, how'd you guess?"

"Your hair's green. You look like a _____ Martian."

Jumped at him. Short scuffle. Handcuffs placed around my wrists. Rudely shoved into the back of a car. Heading downtown. Cop calling me in. Oh, well. Nice night for a ride anyway. Wonder how I'm going to get an extension.

My one call was to Dodd.

"Hey, Clint. This is _____ I'm in jail right now. Can you come and bail me out so I can make tomorrow's practice?"

Some people never learn.



Photo by Ron Gidseg

Lynn Hildemann dives and makes the shot

Spikers Strike

by Busy Sue

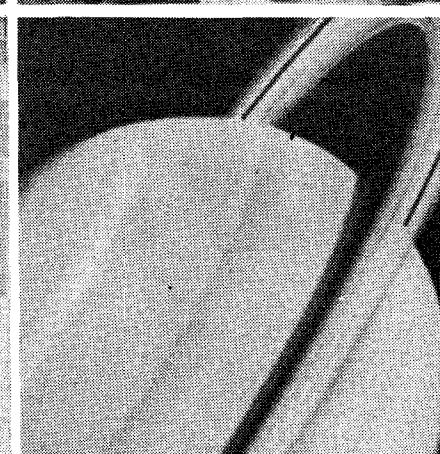
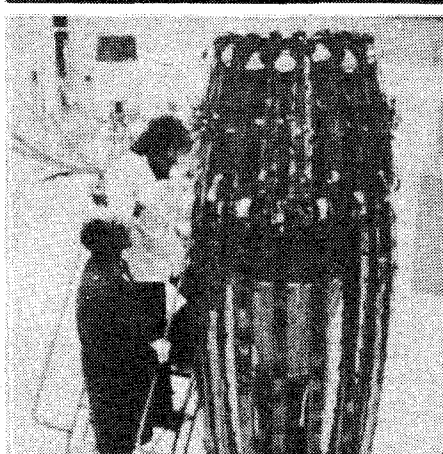
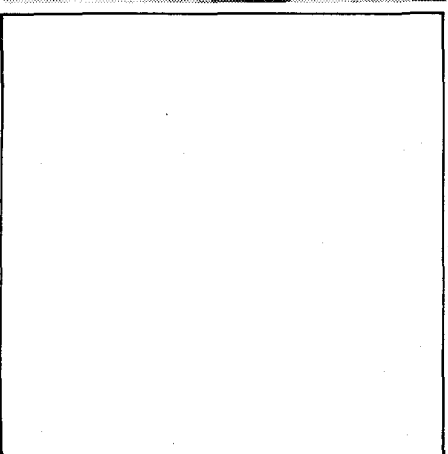
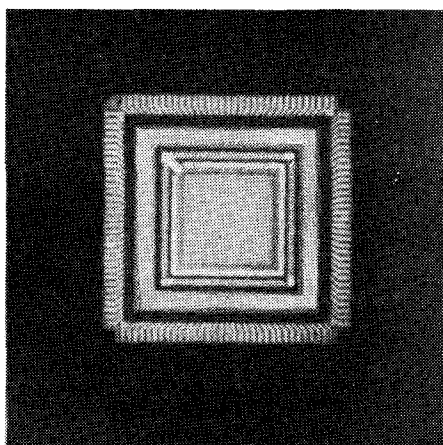
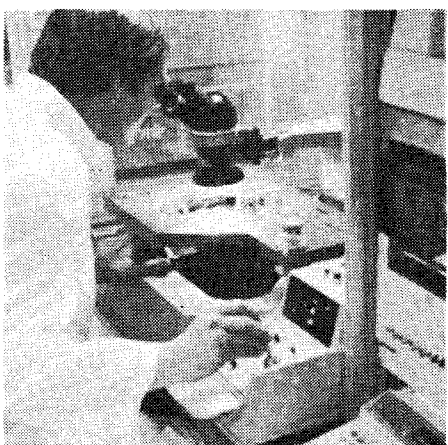
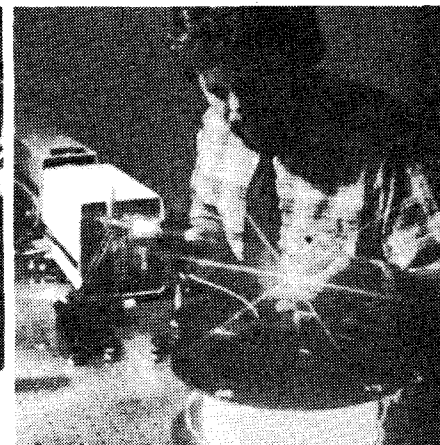
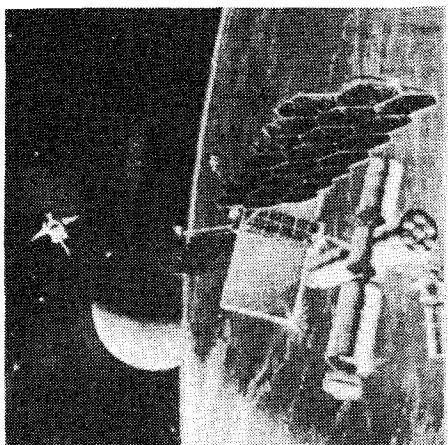
Two Saturdays ago, the women's volleyball team played Christ College. We lost the five game match by a total of four points. We were disappointed. We always like to beat people who are taller than us, but we figured that we would save our energy for the Oxy game on Tuesday.

The Oxy match was best two of three. We won one game. Everyone played well in the second game, but the other two were pretty bleak. Energy saving might be good for America, but it didn't help us out.

This week's news is a little better. Last Saturday we played Whittier; we should have WON. But we didn't. We played OK but only intermittently. And we were wrestling with a really inept lineup that had our two middle blockers in the back row at the same time. Laurie M played great defense, though.

On Tuesday we went out to Redlands. I figured that we'd get beat, but just like the weatherman, I was wrong. We won; if you want to know the scores, ask Linda. We won the game on service; we served almost every ball effectively, and they couldn't pass to save their lives. Since they never got a pass, they never got a set and so they never could hit. In short, everyone played well and everyone played really well together.

Our next home game is on Saturday at 2 o'clock against Cal State San Bernardino. We will need all the help we can get, so please be there, and if any of you big tall guys who know how to play volleyball think that you might be able to pass for a girl (excuse me, woman) please come prepared with your best female face and volleyball shoes.



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Electronics & Defense Sector

sports

Runners Advance

by Big Mo

In the beautiful far away land of Redlands, Caltech's cross-country team competed in its final league race last Saturday against Claremont and the University of Redlands. In the women's race, Jenny Haase took third with a fast 18:54. Things were not quite as rosy for the men's team. Although John Gehring and Mike Jensen ran very well (28:48 and 29:03), Sean Moriarty and Darin Acosta were a bit off their form. John

Luo, Dan Bikle, James Davila, and Doug Chang did a great job to complete the Caltech team, but Claremont still snuck ahead 22-34 while big, bad Redlands showed no mercy with their 15-42 victory.

This Saturday at Whittier, the League Finals race will be held at 9:30 in the morning. I predict that Caltech will take fourth of the seven teams after we stomp out that smile on the Claremont runners' faces left over from our last race.

Weekly Sports Calendar

Intercollegiate

DAY	DATE	TIME	SPORT	OPPONENT	LOCATION
Sat.	11-3	9:30 am	Cross Country	SCIAC Finals	Whittier
Sat.	11-3	10:00 am	Water Polo	SCIAC Western	Caltech
Sat.	11-3	1:00 pm	Fencing	Fullerton & S.D.S.U.	San Diego S.U.
Sat.	11-3	1:30 pm	Football	San Fernando Valley Bulls	Caltech
Sat.	11-3	2:00 pm	Women's Volleyball	C.S. San Berdoo	Caltech
Sat.	11-3	3:00 pm	Soccer	Occidental	Oxy
Mon.	11-5	7:30 pm	Women's Volleyball	Whittier J.V.	Whittier
Wed.	11-7	2:30 pm	Soccer	Pomona-Pitzer	Caltech
Wed.	11-7	4:15 pm	Water Polo	Loyola	Caltech
Wed.	11-7	11:00 pm	Ice Hockey	U.C. Irvine	Ice Capades

Interhouse

Day	Date	Time	Teams	Referees	Location
Mon.	11-5	4:00 pm	Lloyd vs. Dabney	Fleming	East
Mon.	11-5	4:00 pm	Ruddock vs. Blacker	Ricketts	West
Tue.	11-6	4:00 pm	Ricketts vs. Lloyd	Dabney	East
Tue.	11-6	4:00 pm	Page vs. Fleming	Blacker	West
Thu.	11-8	4:00 pm	Page vs. Blacker	Ruddock	East
Thu.	11-8	4:00 pm	Ricketts vs. Dabney	Lloyd	West

A League

Day	Date	Time	Teams	Referees	Court
Mon.	11-5	6:15 pm	Turing Machine vs. Brute Force	Joy of Sets	West
Mon.	11-5	7:15 pm	Upsetters vs. Joy of Sets	Brute Force	West
Mon.	11-5	8:15 pm	Bump n Grind vs. Tammy's Team	Fleming	West
Mon.	11-5	9:15 pm	TAPIR vs. Fleming	Bump n Grind	West
Tue.	11-6	10 pm	Jet Setters vs. Page	Blockheads	West
Tue.	11-6	11 pm	Six Hitters vs. Blockheads	Page	East

B1 League

Day	Date	Time	Teams	Referees	Court
Tue.	11-6	10 pm	Smashers vs. Lloyd Juggernaut	HIM's	East
Wed.	11-6	6:15 pm	Overpaid Amateurs vs. Nice Guys	Ruddock	East
Wed.	11-7	7:15 pm	To Be Determined vs. Ruddock	Ov'p'd Amateurs	East
Wed.	11-7	8:15 pm	HIM's vs. Rotorheads	Coherent Spikers	East
Wed.	11-7	9:15 pm	Coherent Spikers vs. Ricketts	HIM's	East
Wed.	11-7	10:15 pm	Derelects vs. Lloyd Juggernaut	Ricketts	East

B2 League

Day	Date	Time	Teams	Referees	Court
Tue.	11-6	10 pm	Not Yet Known vs. X-Men	Face	West
Wed.	11-7	6:15 pm	Astronomy vs. Brains not Braun	Sops	West
Wed.	11-7	7:15 pm	Kinetics vs. Sops	Astronomy	West
Wed.	11-7	8:15 pm	Natural Satellites vs. Eh? Team	Face	West
Wed.	11-7	9:15 pm	Face vs. Jerry's Kids II	Natural Sats.	West
Wed.	11-7	10:15 pm	Ruddock vs. X-Men	Jerry's Kids II	West

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Live Demo

DATE November 7, 1984
TIME 10:00 am - 3:00 pm
LOCATION Winnett Student Center

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announcements

Material for the announcement section of the California Tech must be submitted typed on or with the Announcement Form available at the Tech office by the Tuesday before the Friday of publication.

It's: The Dance!

On Saturday, November 3, at 8:00 pm in Winnett Center, this term's Dance will begin, assisted by DJ-supplied music, free food, punch, and beer. The Dances usually attract around three hundred people, many of them from other campuses, since the Dances are publicized at Oxy, PCC, UCLA, and other LA area schools. Here's your chance! Sponsored by CLAGS. Costumes are welcome, but not required.

One-Act Tryouts

There will be tryouts for 6 one-act plays, Sunday, Monday and Tuesday, Nov. 11, 12 & 13 in Winnett. The plays are "Action"—Speer, "A Phoenix Too Frequent"—Fry, "Gosforth's Fete"—Ayckbourn, "Let's Murder Vivaldi"—Mercer, "Long Voyage Home"—O'Neill, and "The Labyrinth"—Arrabel. Performances will be Jan. 11-13 & 18-20.

Hillel Bar-B-Q

Food, games, fun for all! Sunday, November 4, from 1:00 pm onward, at the Master's House (335 S. Holliston) Come one, come all!

Chess Tourney

Organizing extracurricular activities is no easy task at Caltech, a fact noted by the Chess Club after only five players showed up for the first round of its fall tournament (apparently to be called the "Doug Dekker Concept Swiss"). The start of the event has accordingly been set back one week, until November 3rd (that's tomorrow), in the hope that conflicts with midterms, et cetera, can be avoided. Remember, fans, games can be rescheduled if one or both players have other obligations.

Come on, folks, what else are you doing on Saturday afternoons? (You don't have to answer that.) Many complain that life at Tech is nothing but schoolwork; well, here's at least one alternative. We're not asking for volunteer labor—just pay your five bucks and play.

Feet Needed

Support the candidates on the local and national Democratic Ticket by distributing information during the weekend before the election. If you can find a few hours on Nov. 3 or Nov. 4 to walk door-to-door to leave slatecards and campaign information, the Pasadena/Altadena Democrats will be happy to help you get involved. You need not be eligible to vote to help out. To sign up or to find out additional information call Anna at (818) 304-0381.

Mikado Auditions

Auditions for the annual Caltech Musical will be held on Saturday and Sunday November 17 and 18 from 10 am to 6 pm in the basement of Baxter. This year's show is Gilbert and Sullivan's *The Mikado*. All Caltech and JPL affiliates—students (undergraduate and graduate), faculty, staff, family and friends—are invited to participate in the production. Performances will be the last weekend in February, and the first in March.

Thanksgiving Food

Students may sign up in the Caltech Y or the Master's office for the privilege of attending a home-cooked Thanksgiving dinner at the home of a Pasadena resident.

(Note: to avoid disappointment, it's better to sign up now and change one's mind later than to postpone until it's too late.)

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Vote For Clemens

The celebrated American humorist Mark Twain will be "appearing" for a humorous political performance on Monday, Nov. 5 at 8:00 pm in Baxter Lecture Hall. Twain is played by a professional actor who has revived Samuel Clemens' mock presidential campaign and who is the candidate for the "Anti-doughnut

Party" in this year's elections. The performance, which will consist of a number of short commentaries on current political issues, is made up entirely of quotes and material which Clemens produced during his lifetime.

The performance is sponsored by the Caltech Y and admission is free and open to the public.

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HELP WANTED—

HELP WANTED: 780 Machine language programming—software and hardware. Contact Joe Vu 794-2411 after 5 PM.

EXCELLENT INCOME for part time home assembly work. For info. call 504-641-8003 Ext. 8738.

HELP WANTED: Clerical—\$3.50 to start, prefer full time, will work with customers on the phone (not sales). Call Margi 791-0401, 9-5.

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HOUSING—

REAL ESTATE opportunity. Studio condo 2 blocks from campus, only \$2000 cash to move in. Contact Victor Herrell 449-5030. See ad on page 8 for details.

GENERAL—

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If you would like to place an ad in the classified section of the California Tech please send your ad along with your name, address, and telephone number to: The Tech, 107-51 Caltech, Pasadena CA 91126. Ads must be recieved by Tuesday before desired publication. Ads cost \$.40/line and prepayment is required.

Career Presentation and Pizza Feed

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