

You guys would  
be great editors...

# The CALIFORNIA Tech

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If you didn't  
change things around.

Volume LXXII

Pasadena, California, Thursday, September 24, 1970

Number 1

## Tech Introduces New Course on Practical Politics

by Ira Moskatel

A new course in practical politics has been announced for this term by Dr. Robert Bates, assistant professor of political science. Entitled "Issues In Practical Politics," the course is a series of seminars with political leaders, as well as sessions with faculty members Bates, Dan Kevles, and John Benton.

No description is in the catalog and the issue of credit in humanities toward graduation is being considered by the Humanities Advisory Committee. The professors involved are confident that humanities credit will be available. Dr. Bates released the following course description:

### Catalog Description

"History 40 is an opportunity to develop knowledge and skills in practical politics and to receive credit for academic work in political studies. Three kinds of participation are welcome: attendance at open sessions; personalized readings and research, in the form of a regular reading course with an individual instructor; and enrollment for humanities credits with regular attendance at class sessions, reading, and presentation of a paper and final examination.

"The topic is 'Issues in Practical Politics.' The class sessions are designed to provide a background to such issues as campaign management, minority group politics, presidential and congressional policy making, the politics of science and the political role of radical dissenters. A series of knowledgeable and recognized political practitioners will regularly conduct seminars and make public appearances."

### Talks

Along with the course is a series of open talks by prominent politicians and political staff members. Presently scheduled are Senator Marlow Cook (R, Ken.), and State Senator Mervyn Dymally. Invitations have been sent to Senator Birch Bayh (D, Ind.), Former Caltech President Lee DuBridge, Presidential Adviser Henry Kissinger, Former ASCIT President Joe Rhodes.

History prof. John Benton

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Caltech's Clean Air Car Race team (Joseph Lyvers driving, David Viano to his immediate right) was all smiles as it crossed the finish line on Greasy Street.

*"There Isn't a Car on the Road..."*

## Clean Air Car Race Winners

by Jim Henry

With all the drama of an F-310 commercial, the overall win of the 1970 Clean Air Car Race was handed to Wayne State's unleaded gasoline car. The honor, which was awarded by a panel of judges, was given despite the fact that their Ford Capri was far from the cleanest in the race in light of their success with a very difficult job. Some grumbling was also heard since the four students were also full-time Ford carburetion engineers.

Class winners were determined by a mathematical formula which proved in some instances to be as whimsical and arbitrary as the judging panel. The class winners were WPI with propane, Stanford using methanol, the MIT turbine (uncontested), an electric from Cornell, and tied in the electric hybrid class WPI and Toronto. Neither of the two steam cars were able to complete the race.

The real winners in terms of

cleanliness were the natural gas and propane cars. Of the seven cars which were able to meet the 1975 standards in the more rigorous tests used in Detroit, six were using one of these gaseous fuels. The other car was on methanol.

*"156 Where?"*

## Inside World Looks Out

by Phil Neches

Lee F. Browne runs about ten different projects from his one-man office somewhere between the first and second floors of Throop which could do a great deal to towards involving Caltech with the outside world, and vice versa. The now-completed Summer High School and Student Support Programs originated from that somewhat obscure office. Now, several new ideas claim the attention of Mr. Browne and his staff (what staff?)

For example, in an effort to ease the shock of the annual invasion known as Students' Day, Mr. Browne is spreading the visitation program over 13 Saturdays. And beyond that, he plans an assembly program at various high schools in which a professor, a graduate student, and an undergraduate would put on a demonstration right in the privacy of your high school's auditorium.

## New Students To Be Oriented to Caltech

by Phil Neches

For the next three days, new students will have the pleasure of being oriented by the "New Student Orientation Program," which is both new and for new students. Starting this year, Freshman Camp, traditionally held at Camp Radford in the San Bernardino Mountains, will be replaced with an on-campus orientation program.

Starting at 8:00 a.m. this morning, freshmen will register in Dabney Hall, in a process which will include taking of pictures for student I.D. cards and for the "mugbook," so called because of the typical appearance of freshmen at 8:00 in the morning. Following registration, speeches of welcome will be delivered at an assembly on the Athenaeum lawn by Dr. Harold Brown, President of Caltech, Dr. Robert Huttenback, Dean of Students, and Robert Fisher, President of ASCIT.

### De-Tours

Following the speechmaking, campus tours will be conducted by

discussion groups. The tours end with lunch.

After lunch, a series of talks and discussions by various faculty members on their research will divert new students. Among the scheduled professors are Dr. Davidson (Viruses, Genes, and the Electron Microscope), Dr. Thorne (Experimental Tests of General Relativity), Dr. Wayland (Bioengineering), Dr. Moffatt (Radio Astronomy), and Dr. Greenstein (Astronomy). The campus tour before lunch will come in handy, since presentations will be made at several locations at the same time. Most of the presenta-

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## Thefts Increase; Charles Augments Security Staff

by Ira Moskatel

This summer saw a rise in thefts of Institute and personal property an increased effort on the part of the campus security organization to control unauthorized entries and further thefts. According to Ken Charles, head of Campus Security, \$3,404 worth of property was stolen from the campus during the summer months.

Exclusive of the \$3,404 figure, \$4500 worth of instrumentation was stolen from the Synchrotron laboratory last month. The equipment, including an Oscilloscope, was Federal Government property and comes under FBI-type investigative procedures. The Institute-owned figure is up \$1,500 from last year and over \$2,300 from the year before.

Charles has added on four men and one woman to his staff. The lady may be seen ticketing cars every day on Greasy Street. The four extra men have already proved their worth on the night patrols, when two suspected burglary arrests were made.

Several bicycles have been stolen, one from the Downs-Lauritsen lot.

## News Briefs

## A Rose Queen from Caltech?!

For the first time in Caltech history, we have the opportunity to enter someone in the Rose Queen contest! Seven lucky girls from the Pasadena area schools will be chosen to appear in the Rose Parade, and in addition the Queen will appear in Macy's Thanksgiving Day parade in New York City. Other activities are planned for the month of December. Things are a bit rushed, though. A representative from the judging committee will be here at Tech to answer questions, explain judging procedures, and distribute literature on September 30 at 3:00 p.m. If you're interested, PLEASE SHOW UP! The preliminary selection will be on Saturday, October 9 at 9 a.m. Let's hope that there is a better

response for this than for the football team. Good luck!

**500 Full-time Jobs  
Now Available in London**

The Jobs Europe program is now prepared to offer 500 full-time jobs in London. For anyone who doesn't speak German or French this is a real improvement; previously most of the job opportunities had been in Switzerland. Also, most of them had been only summer positions. All you have to do over there is to work 45 hours per week for a minimum of four months. After that you're on your own. Details can be obtained by writing to PRC. JOBS EUROPE Program, 13355 Cantara St., Panorama City, California 91402.

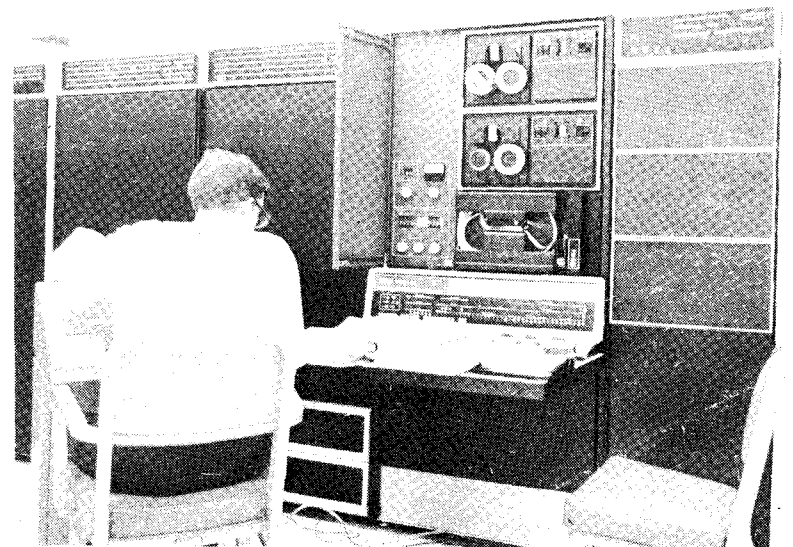
**Jazz Group Needs Old  
Musicians with Talent**

A group is being formed to play "jazz, latin" at a local club on Friday afternoons. If you are over 21 and interested, call Bill (days only), 354-6856.

**Zero Population Growth  
Offers Free Information**

Zero Population Growth will supply anyone who desires information on the population problem with a series of articles concerning population growth and its effect on our future. To receive the material, send your name and address to Aldre' Khoury, 209 Steele, Caltech, Pasadena, Cal. 91109.

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A programmer on the Booth Computing Center staff prepares software for the new PDP-10 time sharing system. The Booth staff hope to have the system on-line by October 1. The new system features AID (a conversational language similar to Citran), Basic, FORTRAN, an assembler, and a text editor. A variety of terminals will be available, including CRT displays. Future plans include a direct hook-up with the 360/75 for remote entry of batch jobs.

—Photo by Fish

Editorials

Your Newspaper Needs Help

The *California Tech* has, in the past year built an organization for efficiently producing a good looking and more readable newspaper. Our goal this year is to use the newspaper to increase communication and provide a source of information for the Caltech Community.

What we want to produce this year is a cross between a newspaper and a community forum. The staff of the *Tech* can produce the newspaper and attempt to provide interpretive as well as straight reporting. What we can only hope to do is to stimulate reactions and enough interest to write letters and to research stories.

Next week will be the first staff meeting of the *Tech*. The editors will be assigning long term stories to any staff member who wants to do in-depth reporting. The long term feature story will play an increasingly large part in our newspaper coverage.

We need help! We need reporters, photogs, and artists (to draw all the obscene pictures). And we need readers. The three R's are Read, 'Rite, and REACT!

Is There a Moderate in the House?

A perusal of a recent Saturday Los Angeles Times letters page proved both instructive and disheartening. Some representing the "Establishment" or the "Silent Majority" or whatever Vice President Agnew is calling them today, decried such actions as allowing students to honorably make up academic work missed by involvement in political activity.

Perhaps more dismaying than what any of the letters advocated, whether "Right" or "Left," "Liberal" or "Conervative," (whatever those terms mean) is the tone common to all of them. Everyone feels threatened by everyone else: we seem to have reached the state of maximum polarization, where everyone suspects everyone else. All of the writers started from the assumption that their particular viewpoint must be right, and all contradictory ideas must be wrong.

Whether advocating firing striking professors or expanding protest into the community, whether asking massive arrest of students or bloody revenge on the police, the rhetoricians seem to have lost all sense of proportion. The problems involved simply will not yield to simplistic solutions. Every action taken has potentially beneficial and potentially malevolent consequences; but in an atmosphere of superheated rhetoric, the rationality needed to ascertain the best answers cannot prevail.

If the "Establishment" feels threatened, perhaps it is. If those who seek a differing society feel repressed, perhaps they are. However, the performance of both groups must be rated D, for dangerous and destructive. Those who remain silent, whether out of fear or simple confusion, find themselves berated by both sides. "Take a Stand" seems the slogan of the times. Yet further polarization is the antithesis of any rational resolution of differences.

As an illustration of this, consider our current position in Southeast Asia. That the United States has the military power to impose any form of government it wishes on any given Southeast Asian country will not be disputed greatly. But that the United States should do so remains totally inobvious. A case can be made for immediate withdrawal; similarly, a case can be made for continuation of American presence. And of course, a spectrum of views exists between the extremes of immediate abandonment of Southeast Asia, and nuclear attack.

The point is that calling someone who disagrees with you a "white neo-fascist pig" or a "Hippie-commie pervert" brings the country no closer to any conclusion to the war. The point seems so simple and obvious, yet it seems totally ignored in most quarters.

Our action at Caltech has been different. Students, faculty, administrators, and trustees proved that people of divergent viewpoints could still both hold a civilized conversation and find some points of agreement. Why? Because we chose to explicate rather than to evangelize; to talk rather than to yell, we accomplished much in terms of creating an atmosphere conducive to reasoned attack on the problems of the day.

When the world re-learns a few simple facts, such as the fallacy of simplistic solutions, the uselessness of anger in solving complex problems, and that persons of different opinions from one's own can be just as right (and just as wrong), then improvement can come. But as long as people revile unthinkingly, polemicize irresponsibly, replace debate with name-calling, and belliciously insist that there is only one "right way" (theirs), the present situation will inevitably continue to worsen.

Is there a moderate in the house?

—Philip M. Neches  
—Ira D. Moskatel  
—Paul A. Levin

"This One Has An 'E' In It!"

Continued from Page One

a special series of lectures in Beckman, to be held the first Wednesday of the month (except December) will be aimed at high school students. In the first lecture, Kip Thorne will explain what happen "When the Sun Goes Out."

The Dope Sheet

You Are Not In Protected Storage!!!!

by Ira Moskatel

For years the California Institute of Technology has been able to exist as an "Ivory Tower," isolating its residents and fellows from the big, booming outside world. When the drug subculture became vocal, many Caltech students believed they could be even more vocal in flaunting their activities.

The Third Wing

"Give Him A Fair Trial..."

by Nick Smith

Now Timothy Leary is on the run, too. Eldridge Cleaver has not been caught, and Angela Davis hasn't been seen since the hysteria died down. Why are they running? Some would say that they run because they are guilty. It is probably more reasonable to say that they run in order to avoid imprisonment, whether they are guilty or not.

Why do I make this differentiation between guilt and imprisonment? Because America is no longer a place where a man is presumed innocent until proven guilty. Now, the more publicity a case gets, the more guilty a man is thought to be. If the entire world watches the police gather evidence against a man, how can a fair jury be chosen?

Throop Beat

Ask What You Can Do

by millikan troll

Need I add another to the seemingly transfinite welcomes to those already bestowed on the Class of 1974? For those who did not meet with this column last year, I should hasten to inform you that this column contains the news behind the news, hints of news to come, and generalized commentary.

The author remains anonymous for obvious reasons; however, have fun guessing.

Genial Dean

The Genial Dean of Genial Students, Dr. Huttenback, will hold the first Genial Dean's Open House of the season this Sunday (September 27) at 3 p.m. Bring your own mug, as per usual.

Watch for a new, improved speed reading course. Enrollees will be able to read this column in ten seconds after three weeks. ... Informal exchanges with other schools may be in the offing. The idea would be to exchange students for perhaps a term or so without the red tape of transcripts and such.

It Only Takes Two of Them

Campus security reports that \$10,000 worth of oscilloscopes disappeared from the Synchrotron building over the summer. ... Can our Honor System survive the onslaught of the outside world (ie: those who do not believe in not taking what does not belong to them)? Perhaps we should be more aware of strangers on the campus, especially ones acting suspiciously.

156 Throop (half way between the first and second floors) can be an exciting place. Volunteers for all sorts of programs should stop by there. For details, see the article elsewhere. ... Look for a new semi-regular feature on drugs. It's a part of our expanded coverage. ... Speaking of expanded coverage, study the "Tech About Town" this week for ideas you might want to apply after the first ASCIT ex-

Forget it, guys! There are going to be a lot more untoward non-freaks sniffing at your stash this year. In June an about-to-be-graduated senior was busted the night before graduation. A short time before, a smiling face indistinguishable from your friendly campus compatriot had approached said unfortunate and inquired with

If every newspaper in the state has had front page stories about how the defendant has espoused unpopular causes, how can an unbiased trial be held?

Recent court cases have shown that it is difficult to serve both justice and American society. The Chicago trials are one example, where even the lawyers were crucified for their "crimes." The trial of the Los Angeles Free Press was so absurd that the prosecution had to get the court to redefine the term "property" in order to get a conviction. Once the court decided that photo-copying was theft, and thus that receiving a photocopy was receiving stolen property, the rest was easy. (Remember that the next time you Xerox something.)

Flee to Page Six

change (mixer to our Eastern readers).

Etaoin Shrdlu Awarded

We hereby institute the Etaoin Shrdlu Award for Wedgeheadedness Above and Beyond the Call of Duty, to be awarded appropriately. Our first big winner is the Popular Front for the Liberation of Palestine, for reasons which should be self-evident. Close runners-up are the U.S. Marine Corps, for deciding that they cannot keep tourists off the beach at Pendleton, and the House of Representatives for scrapping a three-year study on automating their vote-taking.

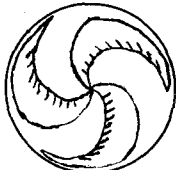
With the campaign for the governorship of California intensifying, we expect the number of Etaoin Shrdlu Awards to increase exponentially.

Ask not what you newspaper can do for you; ask what you can do for your newspaper (hint, hint). ... We understand that with a six-line program, the new time-sharing system can be used to drive a light show. ... Anyone for a 25 foot giant sequoia on Throop dome for Christmas this year? ... After seeing the new rooms in the Old Houses, all we can say is who wants to join the Men's Liberation Front?

Queen for a Year

Sources have it that the Tournament of Roses Committee will be on campus this coming Wednesday, to talk to any interested girls. One administrator accused the whole Rose Parade of being a WASPish institution, which may be since the try-outs for Rose Queen and Royal Court are scheduled for Yom Kippur (October 10).

We have been led to understand that Immaculate Heart College has opened a new coffeehouse on or near their Hollywood campus. ... Budgetary strictures may force delays in the Institute's building program. "We have to learn to change without growing," said one administrator. ... Have a good year.



suitable interest as to the whereabouts of his stash. In the privacy of his own room the undergraduate entrepreneur found himself selling mescaline to a Pasadena Narc.

About a month ago, the student was arraigned on several counts of possession for sale of dangerous drugs. The Pasadena Police Department Bureau of Narcotics has stressed that they are going to press vigorously for conviction and maximum penalty on each count. He could get two or more years in the state penitentiary on a felony conviction.

Some of My Best Friends...

While said student was free on bail and apparently visiting a friend a block from campus, a Narcotics Officer arrived and four people (including the above alumnus) were arrested on suspicion of burglary. In the process of searching the house, officers found marijuana and arrested them for possession of marijuana for sale. Possible sentence for a second arrest is five to ten years. Three of the four were released, including the individual on bail. The fourth, in whose name the house was rented, was arraigned this week.

This article is the first of a series of columns on facts about drugs, and the laws which govern their use. I am working with the YMCA staff and C Psychologist Ian Hunter to put together the information. I am not going to express opinions but try to present the points of view of as many sides as possible. In the

Continued on Page Six

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## Chinese Fire-Drill

# YMCA Holds Frosh Camp

by Bruce Montgomery

The Y-sponsored frosh camping trip is a brilliantly unorganized but thoroughly enjoyable Chinese fire-drill. The cars/trucks/ox carts left Winnett Center over two hours late (setting a precedent that so far has not been broken), but that wasn't really too bad. Between packing and list-checking enough introductions were made so that most of the frosh knew at least one member of their groups. But one of the traits of the Techer became immediately obvious: no one can remember names.

The ride to the first two nights' camp (at Los Padres National Forest) was uneventful enough, except for some brilliant three-lane passing by Dennis (?) as soon as he hit California Highway 1. (He was assisted by the Geology department's Chevy carry-all.)

After a dinner that faintly resembled scenes from both Tom Jones and The Satyricon, there was some further passing between Tech's my-God-they're-here- at-last coeds and their upperclass escorts, but with no apparent success. Then everyone circled about some of the sophs and juniors and proceeded to

forget all of their burning questions. Finally, people headed toward their sleeping bags and lay for a long while alternately shivering and listening to the seemingly numberless amateur astronomers compare notes on the stars above.

Sunday breakfast seemed much like a repeat of Saturday's dinner only more tired and dirtier, but spirits were generally good. (a truism, I suppose) Then long about clean-up time everyone went trucking on off to see the sights, one group going hiking, another going to Big Sur. (The latter group consisted of 21 people crammed into a rented club wagon in a 5-4-4-3+5 configuration. No fatalities were recorded.

It is now Sunday evening (just before dinner, although no one seems to be cooking) and your front-line draftee/correspondent is scribbling this off as the sun completes another revolution around Caltech and settles into the ocean for its rest. So far the trip's been fun (albeit chilly at times), but since I suspect we're going to run out of food, I wonder if I would have been happier staying back home in the smog.

## Caltech YMCA Has Meet-frosh Lunch In Planning Stage

by Paul Levin

The Caltech YMCA has an ambitious program planned for this year. There are plans for an "Autumnfest," a festival with artists and poets scheduled to take place in the Mount Baldy area in early December. This event, though, is still more or less up in the air. Anyone interested in helping with the planning of this or any other conference would be greeted with enthusiasm by the Y officers.

There is also a plan in the mill to have all of the freshman to lunch at the Y sometime in early October. It is hoped that at this time they can be introduced to the many services available through the Y, such as loans, draft counseling (a major concern of the Y), the lost-and-found, etc.

The YMCA is involved with the new history course, H 40, a "political practitioner's series." In addition to planning, it has contributed \$1500 to help bring the various speakers to campus. The Y's involvement in politics does not end with the course. It has organized a political information center in the

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## Holy Building Codes!

# Girls Get Renovated Rooms

by Paul Levin

Truly amazing things happened to the old student houses this summer. Parts of them, at least, got fixed!

After a year of planning by the User's Group of the Faculty Committee on the Undergraduate Student Houses, construction got under way almost before the houses in question were emptied. Chaired by Dr. Allan Acosta, the User's Group, or occasionally just its student representatives, met as often as twice a week to study plans submitted by Pasadena architect Roland E. Coate, Jr., and to decide on furniture, light fixtures, and other odds and ends.

Much to everyone's surprise work was completed almost a week early. Blacker and Dabney now have between them seventeen newly-decorated, freshly-painted rooms with wall-to-wall carpeting. All of the furniture is new, including the bed frames, although these resemble all the others in the houses. Gone are the straight-backed chairs, gone are the creaky desks and the chest drawers with no bottoms. Desks

finally have usable lamps which won't fall over. The adjustable shelves will afford new flexibility in storage and room decoration, especially since they are available in abundant quantity. The new built-in lavatories with twentieth-century plumbing fixtures (one faucet) will do much toward maintaining the standard of living to which our incoming girls are probably accustomed.

### Groovy Electricians

Workmen on the project displayed a remarkable sense of humor (at \$? per hour) when they improved the lighting in one of the rooms. Instead of eight white incandescent bulbs they installed eight colored bulbs with independent flashers. "This is great; it's the funniest thing around," said Joe Partridge of the Campus Architect's office. "But it didn't cost anything," he protested.

As a separate project the three remaining old-house lounge and dining-room areas were partially renovated this summer. Lounge floors were refinished and resilient tile replaced the old cork dining room floors. Returning upperclassmen will find (hopefully to their delight) that the lounges have new, or at least different, rugs and that much furniture has been refinished, in both lounges and dining rooms.

All of this cost money, LOTS of money, and none of it came from room and board contract fees. Since the Institute's budget is more or less strained, the only way this program will be accelerated is if we get a windfall. Lacking this it will be quite a few years before the old house renovation is complete.

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Try putting that in the bank.

## The Tech



## About Town

After a protracted hiatus, we return with a new, expanded edition of this column, specially produced for all of you little froshlings and froshlettes who aren't familiar with the area.

First, we delve into the various clubs available, pop, folk, and jazz. To the best of our knowledge, none of these have a minimum age limit or exorbitant prices.

**Ash Grove**, at 8162 Melrose in Los Angeles, is featuring Seals & Crofts from now thru Sunday. Keep this club in mind if you like blues, because they feature a lot of it.

**Golden Bear**, at 306 Ocean Avenue (Hwy. 101) in Huntington Beach, is a long way to drive, but sometimes is worth it. Friday thru Sunday they are featuring Hoyt Axton, who is worth an hour's drive to a lot of people.

**Bag of Nails**, at 25 N. Fair Oaks, always looks sort of raunchy, but they do get good rock bands sometimes. In case you are interested, Fair Oaks is in Pasadena, west of here.

**Donte's**, is a jazz supper club at 4269 Lankershim in North Hollywood. They change features every day or two, and are priced about the way you would expect for a supper club. **The Ice House**, at 24 North Mentor in Pasadena (about 8 blocks from Winnett Center) has Tim Morgon now thru Sunday, with Jennifer starting next Tuesday. This place has an admission charge of \$1.50, and you can buy food and drinks, but you don't have to. It's

almost always a good show, so it ranks as a bargain.

**Shelley's Manne-Hole**, is another jazz club, probably the best in the area of its type. The address is 1608 No. Cahuenga in Los Angeles, and I ran out of Cahuenga jokes. The double feature this weekend is (I kid you not) Herbie Mann and Shelley Manne, with their bands.

**Thee Club**, at 8409 Santa Monica Blvd. in Los Angeles, is fairly new, but they are growing fast. Now thru Sunday they have Sweetwater and Judy Mayhan, both quite good.

**Doug Weston's Troubadour**, at 9081 Santa Monica Blvd., has really top people, but figure on spending a minimum of \$4 per person, with admission and minimum of two drinks (even if they're non alcoholic). John Sebastian is there thru Sunday, and I think Shelley Bernian will be there next week.

**The Warehouse**, at 1721 So. Manchester in Anaheim, has Head Over Heels and Crucible this weekend. I personally wouldn't drive to Anaheim for them, but keep the club itself in mind for the future.

**The Whisky a Go Go**, at 8901 Sunset, is sort of famous as a place to go for rock and dancing. They often feature top groups, but this weekend they have Crabby Appleton and Demian, which shows that you can't win them all.

Forgive me, but I almost forgot **McCabe's Guitar Shop**, a folk club that often gets good entertainers who aren't big names. This weekend they feature John Fahey and Buckwood, and the address is 3103 Pico Blvd. in Santa Monica.

In addition to all of this club action, the Los Angeles area has a lot of pop and classical concerts coming up. I am not going to list ones at Beckman Auditorium or at the downtown Music Center, since you can read their schedules on the nearest wall almost anywhere on campus.

**The Pasadena Civic Auditorium**, no more than a mile from here, has The Grateful Dead in concert, Friday, September 25.

**The Anaheim Convention Center**, features Neil Diamond and Linda Ronstadt this Saturday, the 26th.

On October 8th, they have Blood, Sweat and Tears, followed on the 10th by Bill Cosby and Della Reese. These should be good concerts, but I've heard bad things about the acoustics there, so be warned.

**The Shrine Auditorium**, at Jefferson & Figueroa in Los Angeles, has Lee Michaels and Captain Beefheart on Saturday night. Freak your little hearts out.

In a totally different vein, there are three classical performances this Sunday, all of which hold promise:

At the **County Museum of Natural History**, a think called Ensemble '70 is being performed at 2:30, free admission.

At **Hancock Auditorium**, at USC, pianist Lillian Steuber is in recital at 7 p.m.

at **Balch Auditorium**, at Scripps in Claremont, the Pacific Art Trio are in concert at 3 p.m. **The Forum**, in Inglewood, is one of those places that may have anything going on. For example, right now, they have the Ice Follies. On Oct. 2nd, they have Steppenwolf and John Mayall. Later, they will have professional basketball and hockey. All that and Jack Kent Cooke, too.

There are quite a few plays on stage throughout Los Angeles at the moment, and you might like to know about the best of them.

*Lovely Ladies, Kind Gentlemen*, a redoing of *Teahouse of the August Moon*, is at the Dorothy Chandler Pavilion of the Music Center.

On the other side of the Music Center, the Mark Taper Forum presents *The Dream on Monkey Mountain*, a theatrical trip in which reality is a fleeting thing.

The Century City Playhouse, at 10508 W. Pico (Doesn't that put it two miles off shore?) features *Futz*, once described as a touching story of boy meets sow, boy gets sow,

town gets boy. If it were a film it would be rated X.

The Aquarius Theater, at 6230 Sunset, (where else?) has *Hair*, and my typewriter refuses to do a superscript infinity sign.

The Ivar Theater, at 1605 N. Ivar in Hollywood, has *Ceremonies in Dark Old Men*, which is said to be excellent.

Last, and probably farthest away, is *Royal Hunt of the Sun*. (No, it's neither H. L. nor Lamar.) It is at the Laguna Moulton Playhouse, 606 Laguna Canyon Road, Laguna Beach.

For those few readers with any artistic taste, I shall also list a few of the more interesting art shows and galleries available in the Los Angeles area.

**The Pasadena Art Museum**, has to head any list such as this. Nearby, at Colorado & Orange Grove, this museum has many beautiful exhibits, and is currently featuring collections of Ruppertsburg sculpture, and Japanese artwork from the Frank Lloyd Wright collection.

**The County Museum of Art**, at 5905 Wilshire, is another top art museum, featuring Callot prints and artwork from India and Tibet right now.

Just a few blocks away from the County Museum is the new **Evolutionary Gallery**, at 5514 Wilshire. In fact, it is so new that no one seems to know anything about it. Go there and surprise yourself.

**The Gallery**, at 15228 Ventura Blvd. in Sherman Oaks, is showing the works of Corita Kent and others. I think they might be worth the long drive, even if the others aren't good, just for Corita Kent's work.

A couple of weeks ago, I visited a little gallery at 8504 Sherwood, just west off of La Cienega. It is

called **Our Gallery**, and is in the apartment of one of the artists. It features some beautiful work done in unusual media, such as pastels, enamels, and UV sensitive paint. If you like modern and cubist art, go there sometime.

There are many other galleries, but most of them are bunched together, so must drive along La Cienega Blvd. from 400-900 North.

In addition to all of these other things, there are a few places locally where one can go for less structured fun.

**The Museum**, at 103 S. Fair Oaks, is a good place to go for folk dancing of various nationalities. For a schedule, look on the Winnett bulletin boards.

**The Caltech Coffee House**, (if it ever opens for the fall) is a nice place to go and eat and talk. It's at the west end of campus, on the north side of San Pasqual, under the sign of the turtle.

On Friday and Saturday nights, there is also the **Fire Escape**, a little place upstairs at the Congregational Church at Walnut and Los Robles. It is NOT a religious coffee house, just a place to go and have fun and talk and sing and drink coffee. No charge, run by donation.

I have undoubtedly left out thousands of things that someone is interested in, and if so, I apologize. If you know of something that should be listed, or want to know where something is, or anything, just send a note to "The Tech About Town," The California Tech, Winnett, and I will try to either print it or give whatever reply is necessary. In the meantime, tranquility, and ask yourself when next you gaze into a mirror, if it is a reflection of you, or if you are a reflection of it.

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The performances are culled from other Columbia recordings to make another in the series of "Greatest Hits" which has proved to be quite successful for Columbia. Three two-part inventions appear here exactly as on *Switched-On Bach*. Glenn Gould's rather stiff, though technically perfect, renditions of the Prelude and Fugue in C major and C minor from *The Well Tempered Clavier* (Book I) also appear on other Columbia disks.

John Williams' transcription of the Govotte from the fourth Lute Suite proved to be one of the highlights of this record. Also, Eugene Ormandy's passionate yet disciplined treatment of the Fugue in G minor ("The Great") deserves special mention.

This record will provide an excellent introduction to Bach for the uninitiated. Whether by guitar, organ, choral, or symphony orchestra, Bach will be a composer for all times and all people, as this record amply illustrates.

P.N.

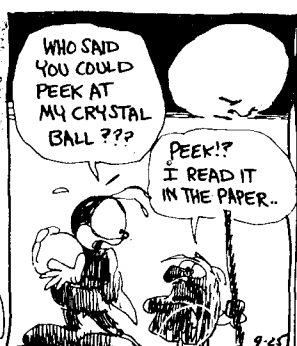
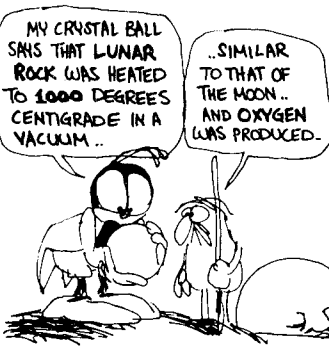
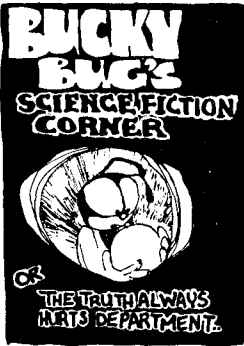
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-Paul Levin

blark! said hugh from magic cookie land as he discovered that

ODD BODKINS  
by Dan O'Neill

has returned for yet another year of frolic



High Times Can Be Had  
At Pasadena's HiLife

Where can the deprived and parsimonious Techman get a beer and sandwich lunch and stare uninterruptedly at all of a lovely lady for a mere dollar? Pending completion of the scandalously lavish Whoopee Room in the basement of Crellin, there can be but one answer: The HiLife, of course.

While not having achieved that level of connoisseurship on the subject characteristic of a Nobel Laureate in physics, the author will recommend the HiLife to Techers over similar establishments for the following reasons:

- 1) They advertize in the Tech. (See page )
- 2) It is conveniently located on Colorado Boulevard, three blocks east of P.C.C.
- 3) It is safe to life and limb.
- 4) It is relatively inexpensive.

The above-mentioned beer and sandwich dollar lunch with ogling privileges is more than reasonable, and the one dollar evening cover charge is halved or waived for Tech personnel with I.D. Moreover, the decorative waitresses (clothed) will not pressure you into purchasing drink after drink after drink after drink.

The dancers and format are frequently superior to those seen at

other local establishments. Several of the girls are excellent strippers, and their performances tend to be more stimulating than those of your run-of-the-mill nude go-go dancer. Among the former are the exceedingly lovely Misses Rindy Martin, Erica Adams, and Toni Felice, and the exceedingly awesome Baby Doll, each and all of whom will be on display at the HiLife's luncheon and evening shows. In addition there are several evening specialty acts worthy of a Tech's attention. Toni Felice bathes, blows bubbles, and drip dries under your heated gaze on Tuesday and Saturday evenings (the Lili St.Cyr bathtub act); a half dozen or so shamateurs (shameless amateurs) compete for your applause in the Monday night amateur strip and nude dance contest; and Sunday evening's male-female nude love dance should serve the innocent Tech as well as any marriage manual could.

We urge you to see all you can while you can; contemporary community standards may prevail again at any time.

David Miller

Matador's Magic Kingdom

Biblical scholar, radio personality, popular lecturer on biology... yes, thought Garble Tom Headweak, greatness was a heavy burden. And this was not even mentioning his educational duties as canceller of noble Matador College, and his work as managing editor of *The Straight Dope* magazine: he knew the importance of managed news. It helped to know that he had friends like those at Cow Tech, which wasn't an agricultural school, whatever its name might suggest. Only today they had been telling him about the delightful practical jokes they called TFs. Darwin Millstone had said that the letters meant True Fit, but Darwin Millstone had also once told him that the Sargasso Sea was a million-year-old Radiotelescope Squid, and Garble Tom knew that *True Fit* was the name of a movie that starred Glenn Soupbowl as US Marshal Boozer Dadburn.

Putting this matter aside, he picked up his pen to make some notes on the question which had haunted him for a week: *Why don't woodpeckers get headaches?* But his

pen wouldn't work, so he called in his secretary to tell her about his plan to promote noble Matador College and prove to the world that not all youth are nihilistic libertines. What could be more normal and wholesome than a 28-year-old Matador College freshman who believed that he had learned lies when he got his M.S. in bacteriology? How dare the hippies desecrate Disneyland! The Matador student body would journey south to restore the purity of the fabled Magic Kingdom!

Pen For Your Thoughts

The pen actually did work, it just didn't write. The battery left no room for an ink cartridge, but provided the power needed to transmit Garble Tom's words to Cow Tech. And therefore certain Techers had reason to apply their knowledge of lockpicking and electronics in Anaheim.

The Matadoreans arrived at the main gate, walked down Main Street, and went in to hear Mr. Lincoln speak about freedom and the nation. The robot got up from his chair, a trifle awkwardly, cleared his throat and clasped his hands behind his back, as he had thousands of times before, and then announced in the voice of Eric Clapton, "Driving in my car/Smoking a cigar/The only time I'm happy's when I play my guitar/AAAAAAAAAAAAAAAAAah!" The Disneyland staff turned him off as he sang about his yacht, and told the dismayed Matadoreans that the exhibit was closed.

Garble Tom Rides On

But there were lots of other things to do in Disneyland, and if it seemed somewhat uncanny that the inside of the Matterhorn, as seen from the little cable-car gondolas, should appear black and rectangular

Continued on Page Eight

L.A. Is No Cultural Wasteland

by David N. Dobrin

Los Angeles does not deserve the title of cultural wasteland which its many detractors, especially those in San Francisco, have claimed for it. It is the center of the movie industry, the hub of the record industry (Sorry), a Mecca for little theatre groups, even the night clubs aren't going broke, and an infinite

money source for KRLA which puts on most of the rock concerts (Neil Diamond and Linda Ronstaadt (sigh) this Friday). There are (of course) problems. IF YOU HAVE A CAR—skip the rest of this paragraph. Everything in Los Angeles is so spread out that even if you have a car and a girl who will go out with you (Beautiful Dreamer) a date involving going to Scripps (50 minutes), thence to Westwood (90 minutes), or to Cantors (a

Continued on Page Eight

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## The Caltech Forum

### "Power to the People!"

by R. Abarbanel

"Power to the People" is what the revolution in America is all about. What does it mean? It means that each man should regain some control over the affairs of his day to day life. In that sense, it is not truly a revolution that is happening but rather a return to some of the fundamental principles of our country—the maintenance of personal freedom and autonomy, the guarantee of equal dividends for equal efforts, the true equality under the law of men of different races and creeds.

In striving for these goals (a utopia?) the phrase "power to the people" is often voiced. Too often it is shouted by followers and those who wish to be "cool" among their friends. At other times men scream for power realizing that despite the letter of the law, they are repressed through misinterpretation and blind enforcement.

That power need not be violent nor disruptive—it may be the normal political (non-violent) process that is used to return power to the individual. Everyone cannot vote on each issue. Even if they could, the minority never gets what it desires. Perhaps we need to seriously rethink our power system in terms of each man's concern for himself and others. When are you willing to accept majority rule? The power goes along with the love of the people.

### Enough Is Enough

by John Meister

In many basic chemistry courses, the study of solids often centers on a description of the various types of crystals which solids have been found to form. The physical model a student will encounter most often in these discussions is the picture of a group of closely packed solid spheres which are stacked in a particular pattern or "lattice." The different stacking patterns or lattices possible with hard spheres can give a significant fluctuation in the number of spheres which can fit into a given volume. The current discussion of population growth which is going on in our news media today is simply a debate about how many humans should be packed into a given volume, or, to put it succinctly, which lattice for man?

At times it has been argued that there is no maximum population of humans for the earth; thus, the answer to the lattice question is that man has an infinite population lattice. However, there do appear to be some limitations of the number of people the earth can hold. For example, the mass of the earth is

5.983 x 10<sup>24</sup> kg. With a mean individual body weight of 65.6 kgm, our planet could only be converted to 9.12 x 10<sup>22</sup> people, a very finite number. Further, an even more immediate limit becomes apparent by considering that 500 years of growth at our current birth rates will yield a population of 600 billion people or one person for every square foot of surface area on the globe. Unfortunately for our square footers, their accumulated body heat will make the earth glow like the sun.

#### Hot Situation

Such a hot lattice situation would not be too desirable to people who do not like living in blast furnaces. Hence, the obvious solution to overpacking on our planet is to escape into space. To accomplish this, we, at present, will only have to build a super rocket, which may be called the Saturn 500, to carry 100 people and their baggage to other planets. By launching just 2,000 of these rockets each day we can stabilize our population here on earth. Space trips will lengthen as time goes on, of course, since in 250 years we will have populated the entire solar system to the same density as that of the earth.

However, hard decisions still lay ahead for those who would take the space option to obtain an infinite population lattice. In just four thousand years our current birth rate will have used up all known matter in the Universe and would require man to expand his sphere of populated worlds at the speed of light just to keep his population density constant.

#### Zero Population Growth

Thus, when all these facts are considered, it comes fairly obvious that sooner or later man is going to have to take some action to equate his birth rate and death rate to meet the physical restrictions that develop from living in a finite world. An important thing to remember is that the moves we make to bring these two rates into balance must occur 60 to 80 years before population stops growing. For example, U. S. census figures show that if everyone voluntarily decided from this day forward to have only two children per family, our population would continue to increase until 2037, 67 years from now. At that time our nation's population would be one and a half times what it is today.

If we, both individually and collectively, decide not to make a decision about the lattice man will occupy, then nature will make the choice for us. By famine and plague, the death rate will be made to equal or exceed the birth rate. When this period of adjustment is over, man will have learned by

Continued on Page Eight

## YMCA Doings

Continued from Page Three

old calculator room under Blacker. See the Y for more details.

In keeping with the campus' increased awareness of the "opposite sex," the Y plans to bring women scientists to campus to discuss their work and the various opportunities for women with science, math, and engineering degrees. Marriage?

## ...And Then Hang Him!"

Continued from Page Two

Back to Timothy Leary: He had not been convicted of a crime at the time of his escape. He was in prison for the last several months, pending appeal for possession of marijuana. He had been refused bail, something normally reserved for those standing trial for repeated offenses of murder or father-rape or something of that nature. The court refused bail on the grounds that Tim Leary was dangerous to society, although never convicted of crimes involving damage to anyone but himself. Huey Newton was refused bail because it was a violent crime that was on appeal. To be refused bail on a charge of marijuana possession is ludicrous. It was fairly obvious that, had he not been THE INFAMOUS TIMOTHY LEARY, bail would have been allowed during the appeal. Under law, a man is supposedly innocent until the last appeal of the case has been settled. Therefore, the court knowingly imprisoned a man who might be found innocent as a result of appeals.

The three Soledad prisoners charged with murdering a guard will stand trial in a different venue from the crime, but against their wishes. Moving the trial to San Diego is only slightly better than moving it to Orange County or San Marino. Supposedly, the court ruled that a fair trial in northern California was impossible, but one wonders if the idea wasn't to move the trial away from possible protesters and demonstrators.

Related to the Soledad trial is the flight of Angela Davis. Angela Davis is innocent until proven guilty in a court of law. Nonetheless, her chances for a fair trial were hurt by the magnitude and type of publicity surrounding the case. She was shown to be everywhere across the country while she was being sought, bringing charges of crossing state lines to avoid prosecution (also

During the summer Caltech received a grant under which the students were to make a film. The topic of said film is yet to be decided, but there is reputed to be a goodly sum of money waiting for those who make it. Anyone interested in making a 16 mm sound film without bearing the financial burden of the project would be well advised to contact the Y office.

As usual there will be sensitivity conferences. Applications for one of these, the weekend of October 16-18, are already available at the Y office.

witchcraft and teleportation, since no one could travel that fast). Evidence was produced that she owned weapons and vehicles the sum of which might have strained the entire International Communist Conspiracy, much less the salary of a college instructor.

The various law enforcement agencies are taking Angela Davis very seriously. What's worse is the guilt by association methods they may be using. For example, did you know that the California Attorney General's office has photographs of the Angela Davis speech at Caltech? These include shots of the spectators and anyone involved in setting up the visit, thoughtfully provided by the Institute (which later set a policy of not doing that any more).

One more point before I close: with Eldridge, Angela or Timothy, it would be difficult to have a fair trial by a jury of their peers, even if the law enforcement authorities had hearts of gold. The reason is that there is no such thing as a jury of peers these days. The concept was devised to ensure that the accused and the jury were on the same side of the aristocratic barriers. Now, some of the defendants are accused of subverting the basic beliefs of the jury. I would really like any of you still reading this column to think about what would have happened in Tim Leary's trial if the jury had been composed of acid heads. What if the Free Press trial jury had been composed of reporters rather than Agnew supporters? (Unfortunately, this shades into juries composed of felons or killers in trials over felonies or murder.) Where is the dividing line in the case of crimes against a specific society? Does a jury panel really represent the peers of the defendant? Answer those questions for yourself, dear reader, and you just may figure out what makes Timmy run.

## Dope Sheet

Continued from Page Two

near future this column will contain an interview with a narcotics officer. Information from prominent attorneys in the field and summaries of research in drugs and abstract of the various statutes will be presented.

#### Sanity Emphasized

My immediate purpose is to emphasize sanity in handling drugs. Although possession of marijuana is a felony carrying a sentence of one to ten years in state prison, the judge may on first offense prescribe a misdemeanor sentence with a maximum of one year in county jail. However, the chances of getting such a reduction vary from judge to judge and from county to county. In Orange County, 90% of first offense possession violators receive felony sentences. In Los Angeles County, only 21% receive felony sentences. At present there are 3298 adults on probation for the single offense of possession of marijuana. This does not include other marijuana violations such as possession for sale.

Upon conviction of a felony, a person may lose his right to vote, to hold public office; may be prevented from practicing his profession or other occupation requiring licensing; will probably have difficulty obtaining any responsible position of employment; will quite possibly be barred from positions requiring a security clearance; will be barred from many social and business organizations; and may be unable to obtain a drivers license.

There is a source of information

Continued on Page Seven

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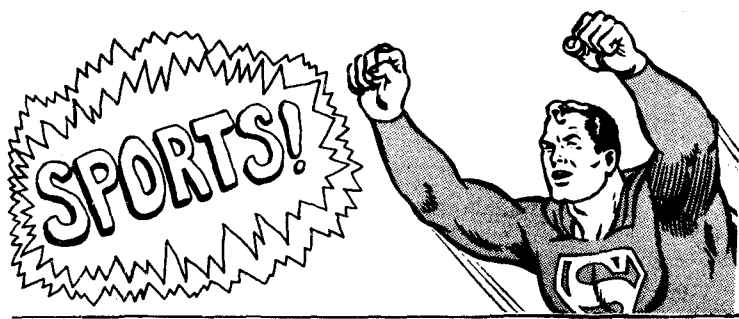
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## Water Polo Has New Rules

Caltech's Water Polo season is under way with Coach Lawlor Reck's tank team facing Cal State Fullerton this week. The seven returning starters face not only the toughest team of their two month season but a new set of NCAA rules.

Returning this year are seniors Larry Watkins, first team all-league and high scorer; Ken Hanson, team captain and second team all-leaguer; and Steve Sheffield, second team all-leaguer and play maker for the group. Also in the starting lineup are lettermen Tom Coates and Bob Hall as well as Jim Jakway and Tim Hight from last years JV squad.

Reck has outstanding prospects from the Frosh class in Bob Coleman, an outstanding swimmer from Steilacoom, Washington; and Virgil Shields, an experienced goalie from Compton, California. Also slated for the second team are Freshmen Mike Mariani and Tom St. John, both guards; as well as Stephen Bitando and Bob Harmon.

For the first time, the NCAA appointed a rules committee for Water Polo. Among the major changes to the rulebook is a one minute "must shoot" rule similar to the 24 second in Basketball. Game times have been increased from seven to eight minutes. Players are now required (as of '71) to wear plastic ear-guards.

Coach Reck would like to see seven more players to round out three full teams. Workouts are weekdays from 4-6 p.m. Games are Wednesdays and Fridays.

## Cross Country Team Is On the Run Before Registration

Caltech's Cross Country team is readying for its first meet of the year, Friday at 3:00 p.m. against La Verne at Brookside Park. Four returning lettermen and a promising freshman are working out now twice a day.

Seniors Tim Tardiff and Martin Smith, as well as Junior Ratchford Higgins and Sophomores Gary Pope and Dan Reichel return from last years team with close to a .500 average. Coach Bert LaBrucherie is optimistic about this year's team, predicting a better than half score for the year. Frosh Alan Kleinsasser is high on LaBrucherie's prospect list for the coming season.

The road-runners get together once in the early morning and again in the late afternoon to work out. Spikers are likely to be seen anywhere in the San Gabriel Valley in sweat suits on sidewalks and in the hills building up strength and stamina for the 2½ mile biped road races.

LaBrucherie is still looking for country men (with enough enthusiasm to take the 16 mile a day sprint).

Join the TECH staff  
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it spelled correctly.

## Moskatel on Sports

# Football Team Needs Bodies

by Ira Moskatel

I had to take pen in hand and search out the coaches and learn enough about the sports to write the mediocre sports stories on this page. In the process of running around, I got a change to see the teams in practice and the coaches working their collective gluteus maximi off trying to get recent arrivals in shape for the all too soon games.

The one impression I got was the athletic teams exist as a second world within the Caltech Community, and the bad scene is that they know it, can't do anything about it, and finally have given up and don't care. In an interview Monday with Head Football Coach Tom Gutman I was impressed by his description of the camaraderie of the Tech football team. The purpose of the interview was to drum up recruits for the small squad. Out of an expected fifteen frosh recruits only three turned out. There are only eighteen team members-not enough depth to provide two full teams.

### Both at Once

I went out onto the field to watch the second two-a-day practice Monday afternoon and saw a bunch of guys learning to play both defensive and offensive teams at once.

Junior Russ Pinizotto has never played center before. Gutman says Pinizotto will make the finest center at Tech since Gutman arrived. The same applies to Quarterback Bob Bales. A sophomore returning, Bales "just wasn't a quarterback," according to the coach. Bales "has improved tremendously," says the proud instructor, and is blending in nicely and taking over his new found position. John Morton takes over this year as fullback, a change from last years post at guard.

### Frosh Starters

The ranks of the football team

are composed of men who started in their freshman year. Co-captains Paul Dressendorfer and Tom Blaschko have played for four years and exemplify the perseverance on the team. Dressendorfer has played both teams and has settled in as defensive halfback. Paul got wiped out last year with internal hemorrhaging in a game against Southern Nevada.

Gutman finds himself and the two other coaches having to teach fundamentals over again because of the constant shifting of positions. He has purposely scheduled the first game for October 9 in order to get in shape. The first scrimmage is October 3 against semi-pro Foothill Ducks. The coach emphasizes this as an experience not competition.

### Cheering Helps

Gutman is undaunted in his belief in the team and in their drive to enjoy the sport and to compete, but as he says, "Having somebody cheering out there really helps." There are ten or eleven seats left on the team bus and Gutman has offered them to anyone who wants to go to away games. The football team exists for itself, and as Gutman puts it, "We've gotten to the point (in disgust of lack of support) that we exist for ourselves. We'd like to share the victory and the defeat with the students, but we're not going to give unless somebody gives of themselves." What he means and the team members support is that the team is a part of Caltech and could be a common interest.

Now that Tech is coed, the team would like to see Tech girls try out for cheerleaders, and they think even a guy could be head yell leader. The football team traditionally conducts the tryouts and is waiting now to see some reactions from Tech's distaff side.

To be honest, I don't really groove on football, but for a few short weeks I was on an athletic team. I don't think its hard to understand how a little interest in an athletic team might spark a little enthusiasm in being a Techer. The football team, as well as any other, enjoys what it does. Maybe we can take advantage of their spirit and make them now a part of the Caltech Community.

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## Narc, Narc, Who's There?

Continued from Page Six

on campus. Drs. Ian Hunter and Nancy Beakel are available at the Health Center to answer questions.

### Drug Library

The new Caltech Drug Information Library is now complete and ready for use. In its present form it consists of 250 articles and pamphlets and 60 volumes. This material has been selected from the several thousand publications about drug use and abuse, and represents an attempt to establish an authoritative, well-balanced reference source. The qualifications of the authors range from recognized expert to interested laymen, and the scope of the entries covers the known and potential biochemical, medical, psychological and sociological effect of each drug. An intensive effort will be made to keep the library current by continually monitoring new publications and adding those which increase understanding and knowledge in this highly emotional, controversial, but scantily researched area. If anyone discovers an article which he believes would make a valuable addition to the library, please contact Nancy Beakel or Ian Hunter at ext. 2394. The library may be used by any member of the Caltech community. It is located in the YMCA lounge and will be open from 8:30 to 4:30. Janet Staple will act as temporary librarian and check out any publications which are taken from the lounge. The room is pleasant, the chairs comfortable, and everyone is invited to come in and browse and acquaint himself with the materials.

Part of this article has obviously been written for shock value. The situation warrants careful scrutiny. This series is for the sole purpose of preparing you for what you can expect. Narcs look like anybody else. If you've got a stash-don't tell anyone—including your best friend.

## YMCA Plans...

Continued from Page One

describes the course as a device, not a formal class. He sees it as a method by which Caltech students can get credit for learning about practical politics rather than recent history. Included in the roster of speakers is a successful public relations man in the campaign field. Students attending the class can learn the mechanics of a campaign and put their knowledge to work.

The Caltech YMCA is contributing 20% of the funding for the speakers. Most of the speakers will give Olive Walk Talks. Several of the seminars are closed, because of the non-quotable nature of the discussions. Only registered class members will be permitted. Class size is not limited as of now. The first class meeting is Monday, October 5 at 7:30 p.m. in 111 Mudd.

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WINNETT CENTER

Monday — Friday

8:15 - 4:30

Orientation

Continued from Page One  
tions will be made at least twice, and will last about half an hour each.

Recreate

A recreation period (sports, etc.) will follow. After that, dinner will be held by discussion group.  
Immediately after breakfast tomorrow, Dr. Ian Hunter, the Institute psychologist, and Leonidas Guibas (ASCIT Vice President) will speak on Personal Life at Caltech and the Honor System respectively. This will provide food for thought for the discussion groups, which follow.  
After some food for the body (lunch), it will be back to the Athenaeum lawn to hear Dr. Lyman Bonner, Director of Student Relations, explain "How the Institute Is Organized." With this in mind, new students will then go to a swimming and pizza party given by President and Mrs. Harold Brown.

Party Party

After Friday's dinner, a special Theater Party will be presented for the benefit of new students in Beckman Auditorium by the Theater Now Company. The performance consists of two one-act plays, including Albe's "Zoo Story."

Saturday should prove to be entertaining as well as educational. Three Los Angeles area tours will be available during the day (all tours start at 9:00 a.m.). One heads south to Mount Palomar, and the 200 inch reflecting telescope. A second will go to the L.A. Civic Center, including the Music Center, the Museum of Science and Industry, and the L.A. County Art Museum. The third tour heads for the beach via Hollywood. The tours were made possible by the Alumni Association.

Saturday night, a choice of two ball games will be had by reservation (ie: you have to pay money). One will take in the UCLA-Northwestern game at the Coliseum; the other will head out to Anaheim, where the Angels host Oakland.

New students then have Sunday off, and can gloat as the rest of the students register on Monday; but not for long. Classes start Tuesday for everyone.

News Briefs

Continued from Page One  
Coffeehouse Lives  
But Gets Slow Start

The Caltech Coffeehouse, long known for the quality of the food it serves, will open on Monday, Oct. 5, one week after registration day. In an attempt to make up for lost time it will be open seven days a week from 9 p.m. to 2 a.m. until the end of this term. At the moment it desperately needs GOOD GRILL MEN! According to the Coffeehouse manager, Stewart Sando, the job pays well. If you are interested contact him at the Coffeehouse, 1101 San Pasqual (across the street from Church Labs.), 796-5931.

HILLEL CLUB

The Caltech Hillel Club, a newly-formed member of the L.A. Hillel Extension Program, is starting the year with two activities. First is a break-the-fast dinner to end Yom Kippur, the Day of Atonement, on Saturday evening, October 10. Featured will be several Jewish foods, prepared by the Athenaeum staff. Starting Sunday evening, October 11, Hillel will sponsor Israeli folk dancing weekly, at the patio above the Business Services Building. Patterned after the UCLA folk-dancing sessions, there will be one hour of instruction, by a Caltech grad student, followed by at

No Wasteland...

Continued from Page Five

reasonable Jewish delicatessen open all night(30 minutes), or Tommy's (a hamburger stand) (30 minutes) plus the movie or whatever (2.5 hours) plus waiting in line 3.1x10+8 eons) plus driving back (90 minutes) plus getting slapped and kissed off (3 seconds) adds up to quite a long evening. And don't forget that long ride home. It is possible to do everying heretofore stated on the bus and it is even somewhat romantic. But it takes longer. Try to beg, borrow or steal a car. Upper classmen are often sympathetic and if they aren't --- 'em. But don't scream and moan that there is nothing to do. There is. If you just want to flick out, there is the Washington Theatre on Lake and Washington which shows movies for fifty cents. The bus goes straight up Lake (or sometimes stoned-you have to watch some of these drivers). There is the Ice House which is within walking distance (sort of) and you can always go up to The Crock after 2:00 a.m. and watch the fags.

Things to do

My first interest is movies. There are two kinds in L.A., first-run and year-old. The first run are in Hollywood (30 minutes) or Westwood (50 Minutes) They cos Three Dollars/ticket and are often worth it. The Encore and the Los Feliz often have old movie festivals and there are often semi-private showings of movies announced in a little box in the Times. Cinematech (we need members) shows artsy sort of movies and Craig Broskow has an amazing collection of movies being shown here for 50 cents (cheap) each. Also, you can rent your own. If you want to see previews (for free!) I often have such tickets and willing staff members take priority.

Movies to go see.

Patton As far as I am concerned the best movie to have come out this year. It appeals to a broad range of humanity, so don't get upset by the fact that President Nixon liked it too.

Chisum President Nixon liked this one too. He is welcome to it. If you like John Wayne, good guys, and a moral, go see it. But see some others first.

Cotton Comes To Harlem I really enjoyed this one. It may actually be insulting to thin-skinned Negroes from Harlem, but I certainly hope not as Ossie Davis (a self-styled rich thin-skinned, etc.) made it.

Myra Breckinridge Too bad about that one.

Women in Love A simply beautiful movie. It is made with a style and taste that are all-too-rare. The novel is not massacred as it could have been, and the acting is professional. Many reviewers have said that it will drive you to the book in an attempt to find out what was going on. If so, that is one of the movies many virtues.

Start the Revolution Without Me The old baby switch story has a double twist, and by the time things get straightened out the French Revolution has started and a poke at every movie made since Tom Jones has been taken.

Catch 22 Mike Nichols will probably get the Oscar for this one that he didn't get for The Graduate. He will deserve it.

Other movies of note such as Putney Swope will have gone by the time you read this. Bergman's The Passion of Anna has been acclaimed as a masterpiece but I cannot say, as I have not seen it and am not a worthy arbiter anyway. Also in this category is The Virgin and the Gypsy.

Other Things To Do

There are five or six good plays going on at any time and many bad ones. The Committee is often in town and The Los Angeles Civic Light Opera generally has a good season. To find out in greater detail read Dan Sullivan's reviews in the Times or join the staff and write your own. Any Music Center event that is not sold out has a student

Garble Tom Headweak

Continued from Page Five

and have the opening bars of Also Sprach Zarathustra drifting through it, it seemed somewhat appropriate that the voice in the Monsanto Microscope should sing "It's a small world," as the molecules and atoms whizzed by. Unfortunately the Small World ride itself seemed to have audio problems: what came through was a musical mishmash which seemed to say that it was a small enough world that you ccould break on through to the other side and travel eternity road.

Garble Tom was beginning to wonder if they should come back another day when they went into the GE Carousel of Progress. But the theatre turned in the normal manner, and the speakers sand, "There's a great big beautiful tomorrow, and tomorrow is just a

rate of about \$1.75 one half hour before curtain.

Get UCLA, USC, and Claremont Colleges Weekly Calendars. They will mail them to you for a nominal charge and there are thousands of things going on.

Art in L.A. often leaves something to be desired but such is true of any city that doesn't have the Metropolitan (save Boston or Washington). There are many gallerys including the Pasadena Art Museum and special showings of interest are continually being offered. The Huntington Museum is within walking distance and is a beautiful place to go to.

Listen to the radio to find out about rock concerts (KRLA) or real concerts (KFAC). They are all expensive, difficult to get to, and often a waste of time. There are many small clubs of varying quality. Among these are the Troubador and the Whisky.

For those of you who lack culchuh there is always the mountains and the beach.

Above all read the Calendar Section of the Los Angeles Times. The many things that I have skipped will all be listed in there.

dream away" and the man in the 1890's section muttered something like "The dreams you get when you put opium in the hash are reeally...Hellooooo, out there in Groovyland!" He seemed to be having trouble focusing his eyes. "It's a beautiful day in the commune...The family's high as an elephant's eye/And the mushrooms are growing right up to the sky...This is the future section folks. Since the revolution we've made a few changes."

Progress Is Groovy

The side of the stage which showed Mama doing the laundry was lit for a moment, a mere electrical wink, then she shrieked, "I spilled acid on the rug!" "Don't sweat it baby, only eats holes in your mind, hee hee hee. I'm supposed to tell you people about General Electric, but all I know is that he is supposed to believe in positive thinking, and they call him Sparky." He put on a gold-braided cap, waved a lightning rod like a sword and howled, "Charge!" as the theatre started moving again. The man on the stage declared, "I am he as you are he as you are me and we are all together..." They stopped in the '20's on the "joob."

The Caltech Forum

Continued from Page Six

bitter experience that he can only ignore the rules of life at the risk of paying the consequences. I hope that such a bitter lesson is not needed to make us all realize that the question, which lattice for man, must be answered and judging from our census figures, it must be answered soon.

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