

Fisher Expounds on ASCIT Financial Status

by Robert Fisher

Every few years, in some form or another, a move crops up to abolish student government on the grounds that it doesn't do anything but cost \$22/year. Each time the issue has come up for a formal vote (as for example, with the Murphy Amendment of the year before last) ASCIT has survived. Still, it's our responsibility to keep you informed as to where your money is going. So I would like to summarize our budget and then give a few of my own opinions on whether or not the cash well-spent.

Twenty-two times 700 plus students comes to over \$15,000. One dollar [per term] of this goes immediately to the *California Tech*. Five and one half dollars goes directly to the Athletic Department. So about \$10,000 remains for budgeting. Except for the added *Big T* assesment voted last year, these dues have not changed since 1956. The Institute gives us \$3,500 from its general funds, and the Alumni Association contributes an annual sum of \$1,500. Altogether, we have about \$15,000 to play with.

How is this money spent? There

are three large fixed expenditures: \$1,500 for the *Big T* (beyond the special assesment), \$2,100 for Athletic Banquets and Awards, and \$2,000 in the Secretary's General Fund for Office Equipment, mailings, phones, and the like. The Treasurer also tries (usually unsuccessfully) to maintain a contingency fund of \$1,000 as a hedge against unexpected bills and costs. The President gets \$100 discretionary money. The BOC, through the VP gets \$50. Directors-at-large are budgeted \$300, all of which goes for Honor Awards. Director of Aca-

demie Affairs receives \$100 for polls and paperwork on academic committees.

The Officer's budgets were drastically cut this year as compared to previous years in order to fund the Executive Social Committee at \$2,500. This committee also has effective access to the Social Chairman's \$4,000 and the Director of Student Life's \$600 Speaker's Fund. Outside funding for the ESC is beginning to come in, and should supplement the Committee's budget. This represents a considerable fraction of ASCIT dues turned back

directly to individuals and the Houses. (If anyone has an idea for the use of ESC money, they should forward it to Bob Abarbanel in Fleming or Craig Broskow, OC Page.)

It may be impossible for future BOD's to continue Ad Hoc funding of the ESC. Therefore, the Board of Directors is considering a By-Laws change which, without increasing dues, would allocate perpetual funds to the Committee. There will be more details on the proposal in the near future.

Continued on Page Seven



Dabney House Frosh presents copy of new Chem 1 text to Prof. Gray at dinner last week. See the latest installment of "Harry and Georgene" on the giant screens in 22 Gates at 11:00 today. —photo by Mills

The CALIFORNIA Tech

Copyright 1970 by the Associated Students of the California Institute of Technology, Incorporated.

Volume LXXII

Pasadena, California, Thursday, November 12, 1970

Number 8

Common Cause Spurs System

by Ira Moskatal

"The system doesn't work. We've got to repair the institution of self government."

The words of a radical? No. John Gardner spoke those words. Formerly Secretary of Health, Education, and Welfare, Gardner now heads a peripheral group of the Urban Coalition, "The Common Cause." The purpose of the Organization is to provide an effective lobby for the public interest.

"The idealists believe that they don't have to work as hard. They believe that because their cause is just, they don't have to be professional and organized," Gardner complained, "The industrialists, on the other hand, haven't as pure a motivation and have to keep on their toes."

Urban Outgrowth

The "Common Cause" is an outgrowth of the Urban Coalition Action Committee, created two year ago when Gardner discovered that no public interest group had an effective lobby. Recently, Gardner reestablished the organization as the "Common Cause," in order to make it more effective and more general

than the Urban Coalition off of which it branched.

In Los Angeles to attend the Millikan Award Dinner Tuesday night, Gardner spoke at a get together for prominent Los Angeles personalities at the Beverly Hills home of actor Helmut Dantine. Among those interested were Actors Charlton Heston and Darren McGavin, a number of comedy writers, and UCLA Chancellor Charles Young. Also attending was L.A. Superior Court President Judge Joseph Wapner.

Challenges Position

Wapner has been in the news recently for challenging Judge-elect Kennedy (who defeated "Bussing" Judge Gittelson last Tuesday) for calling bussing an election issue. Gardner addressed himself to the problems of the courts by citing the lack of funding of the Federal Judiciary. He stated that an effective lobby is needed to encourage the proper training of court person-

nel and to provide enough judges to handle the Federal docket.

The Common Cause deals with making the system work. Gardner believes the democratic process will be successful if and only if the public forces the representatives in government to perpetuate the democratic process.

Gardner spent most of his time talking about the problem of forcing Congress to abolish the seniority system. He described the process of encouraging Congressmen to work against the seniority tradition and emphasized the necessity of knowing exactly who is an ally in what campaign.

Student Participation

There were four students at the "cocktail party": USC ASB president Hirst and USC grad Mike Hasaki, ASCIT Prexy Bob Fisher and this reporter. I asked Gardner whether he had any plans to include efforts to register the 18 year olds

Continued on Page Six

Beckman on Beckman

Reality Versus Free Will

by Peter Beckman

"There is no free will on an escalator," declared philosophy professor William T. Jones to a large audience at Beckman Auditorium Monday night. Speaking on "Science and the Arts—Conflict and Reconciliation" Professor Jones expressed his views on some of the philosophical problems that lie between science and the humanities.

One of these, the idea of an "escalator universe" in which man is merely a group of atoms moving about according to the laws of physics, is the result of scientism. This philosophy states that the only way to find the absolute truth is

through scientific methods. If this is correct then all of man's senses are wrong since the reality that they experience is mere appearance and not the truth as given by science.

A Metaphysical Duel?

Opposing scientism, according to Professor Jones, is metaphysical dualism. This philosophy is based on the belief that the mind and physical objects are completely separate and have nothing in common. Many of those who are anti-scientism, who have rejected science completely, follow this philosophy. They cannot accept the belief that love and beauty are

Continued on Page Three

News Briefs

Kohn Will Play at Kohn Premier

The world premier of Karl Kohn's "Introductions and Parodies" will be the main attraction at this Sunday's Coleman Chamber Concert (3:30 p.m. in Beckman). Commissioned for the Coleman Concerts by Mr. and Mrs. Alexander Whittle, "Introductions and Parodies" will be performed by clarinet, French horn, bassoon, string quartet, and piano. Kohn himself will play piano. Works by Beethoven, Berg, and Brahms will also take advantage of this unusual ensemble.

Masters Office Seeking Homes, Guests

Any member of the Caltech community who wishes to invite undergraduate students to Thanksgiving dinner is invited to leave his or her name with the Master of Student Houses Office, ext. 2195. Students who are not going home for the holiday and who would like to partake a Thanksgiving dinner with a family should also contact the Master's Office. Students will be contacted in the fullness of time.

Math Club Meets Tonight

The Caltech Math Club will hold its first meeting of the year tonight at 7:30 p.m. in Sloan Lounge (third floor). Dr. Jacobus van Lint will talk about mathematical games, including Conway's game of life, highlighted in the recent issue of *Scientific American*. Refreshments will be served afterwards.

Jam It Where?

If anyone is interested in forming a "jam room" under Culbertson next term, he should contact John Blair in Page House. Blair envisions equipping the room with guitar amplifier, wah-wah, fuzz, electric guitar and bass, piano, and drums. Dues would probably be on the order of \$2 per term.

Rhodes Returns to Tech, Speaks on Scranton Commission

Joseph Rhodes, former ASCIT President, will give an Olive Walk talk on "The Scranton Commission" Nov. 17. At 4:00 there is also a seminar.

Olive Walk To Get New Bulletin Board

A new bulletin board will be added to the Olive Walk soon. Donated by the Caltech Service League, the board will be a clearing house for news of activities on other campuses. The Service League will also be responsible for keeping the board up to date. In addition, there will be a U.S. map showing the homes of the undergraduate students.

Caltech Glee Club To Sing in Blacker

The Caltech Glee Club will put on a short program in Blacker House Lounge Monday evening following dinner, at about 7:10 p.m. Director Olaf M. Frodsham will lead the Glee Club in several songs and expects both the sophomore quartet and the varsity quartet to perform at that time. This is the first in a series of programs to acquaint the Caltech community with the Glee Club. Everyone is welcome.

Housing for Married Students



by Paul Levin

In order to raise needed funds (and to provide housing for married students) the Institute recently invested part of the endowment in an apartment building at 1001 E. Villa. About 1½ miles from campus, the 37-unit building surrounds a lush garden. The decision to purchase an existing apartment building rather than to build one was made after a committee of faculty, students, and "administration types" made that recommendation.

Although the Institute hopes to

realize a healthy return from this investment, it is not pricing these units out of line. A one-bedroom unfurnished apartment will be \$125 a month. A furnished one-bedroom apartment will cost \$135 per month, the same rate as for a two-bedroom unfurnished apartment. Units with two bedrooms and two baths will run \$140 per month.

A few apartments are available now, and more will become available as the present tenants leave. If you are interested in renting one of these units, contact the Property Management Office, 208 Throop.

EDITORIAL

The ASCIT Dues Mess

"ASCIT dues are automatic—at least on paper. This year at least one individual has refused to pay them. (He is not the first to do so.) The BOD has no intention of recommending he be denied graduation. Does this mean that dues are declared voluntary? No. It means that ASCIT won't screw someone for not paying. Though I can't speak for future Boards I imagine this will continue to be the case." —R. Fisher, ASCIT President

We are pleased to know that the BOD is not in the business of screwing its constituents. By magnanimous decree, those who wish to avoid ASCIT dues may do so without fear of reprisal. Or, rather, at last we know.

We think that the BOD erred in attempting to keep this from common knowledge. Any organization which exists by, of, and for its members must have compelling reasons for either by design or inertia keeping information concerning its operations secret from its members. ASCIT does not appear to be in such desperate financial plight that every single membership must be retained at the expense of secrecy.

Such actions gain little in terms of money saved when compared to credibility and respect lost. This principle applies to governments and similar organizations regardless of scale. Imagine the furor if Congress tried to conceal an announcement that income taxes were avoidable—i.e. voluntary.

We thus find that this action by the BOD has not been in the better interests of ASCIT members generally. If someone wishes to completely dissociate himself from ASCIT, he has the right to do so, implied threats concerning graduation notwithstanding.

Granted, then, that a student may refuse to pay ASCIT dues. Should he? We think that compelling reasons exist for paying ASCIT dues, voluntarily if need be.

ASCIT dues provide for the Big T, little t, California Tech, athletic awards, and social programs. Without ASCIT dues, these services, mainly provided by a few individuals for the benefit of the entire undergraduate student body, would no longer be possible.

Special interest clubs, large and small, would be badly hurt. From the Glee Club through the student darkrooms, opportunities for extracurricular activities and services would be sharply reduced.

For all of the complaining generally done about ASCIT, we think that each student receives a fair return on his \$22 per year in terms of services provided for him and opportunities made available to him. This should be sufficient reason to justify paying ASCIT dues, without any need for deception on the part of the BOD.

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

Throop Beat

PE Requirement May Go

by millikan troll

The Faculty Board voted 14-9 to recommend to the Faculty that Physical Education not be required for graduation. They also voted to recommend that students be encouraged, perhaps through academic credit, to engage in physical activity.

Our sources indicate that if the Faculty accepts the recommendations of the Faculty Board, the P.E. requirement would be nullified immediately, with no obligation to make up credits on those already

deficient. (Incidentally, no one has ever been denied a degree solely for P.E. deficiencies).

Independently Study

A proposal for an Independent Studies Program (already acronymed ISP) received the endorsement of the Faculty Board on Monday also. The plan calls for an ad hoc committee to map out details for an Institute-wide Independent Study Program.

Both the PE program and the ISP proposal will be taken up at the

Continued on Page Three



NOW THRU NOV. 15

JOHN STEWART
AND
ALIOTTA-HAYNES
COMING NEXT
DOUG KERSHAW
JAMES TAYLOR—SOLD OUT
DOUG WESTON'S

Troubadour

9081 SANTA MONICA BLVD., L.A. 276-6168
COCKTAILS • DINNERS • HOOT MONDAYS • NO AGE LIMIT

Schroedlu Strikes Back

What NOT to Do If Not 2-S

Ed. Note — Mr. Schroedlu, a former contributor to the Tech is currently in the U.S. Army, having opted for that solution to the problem facing college seniors — What To Do About the Draft? His information concerning available careers in the Army should be of interest to anyone considering the same choice, so the Tech is running his comments as a public service.

by Etaion Schroedlu

The first thing I want to say to anyone considering joining the Army is, DON'T. There is no way that it makes the grade. The reasons for this are many, and primarily structurally inherent.

First, one worries about the violence and insensitiveness that would be expected in the Army. This is certainly present, and may be oppressively prevalent in Vietnam; I haven't been there yet, so I couldn't say. However, the people in the Army, by and large, are not Fascists or killers. My primary objections to the Army *in toto* are to its stupidity and its inefficiency.

The Army is built on normal people, or perhaps somewhat sub-normal people. The working conditions are often bad enough to defeat even superior people, and there are few enough of these. To anyone at the bottom of the pile (and that, friend, is exactly where you would be), the Army shows itself as a mindless, incompetent bureaucracy (worse than the Post Office Department, if such is imaginable; B&G is in a different sort of league), and this is what I have found intellectually far more annoying than anything else about the Army.

Intellectual Arguments

Intellectual arguments are only a part of what can be used against the Army as a way to spend two or three years of your life (and possibly the rest of it). The Army itself provides much case material.

In the first place, don't believe a thing the Army says about career opportunities. The Army lies. In particular, recruiters lie. My entire platoon once tried to find if any one of them had dealt with a recruiter who told the truth, the whole truth, and nothing but the truth. We failed utterly.

My own case is perhaps typical. The first two recruiters I saw were complete dolts. I tried another center, and found a sergeant who sounded competent, and who told me that 2-year volunteers are given their choices of service careers after 3 and 4-year volunteers and before draftees. This was a lie. The Army does what it wants with all 2-year men.

In order to be assured of your

desired field of service you *have* to be at least a 3-year volunteer (and pass the required Army tests for your field).

Evidence of Army willingness to mislead potential volunteers are many. For instance, the Army talks of "guaranteed schools" for 3-year men. (Your "school," broadly speaking, is the field in which you receive specialized training after

Continued on Page Six

The Third Wing

I come to bury Caesar

by Nick Smith

"I come to bury Caesar, not to praise him."

Charles DeGaulle, Le Grand Charles, is dead. It was his request that he be buried without the fanfare that normally accompanies the death of one well-known. All the same, eighty heads of state will be attending memorial services in his honor, although not the funeral itself.

DeGaulle was easily one of the most influential and most controversial men of his time, a great feat in a generation that included such men as Stalin, Churchill, Mao, Hitler, and Roosevelt. He had the habit of doing what he felt was best for France, no matter what other nations thought. Whenever DeGaulle did something "anti-British" or "anti-American," there would be a great public outcry for the man to be brought to heel by the United States. After all, didn't he feel any sense of obligation for all the Americans and British had done for him and France during the war?

The answer was that, of course he felt the obligation, but he felt a greater one to the French Republic. It was the plan of DeGaulle that France be rebuilt as a major military and economic power, and for this there must be French nuclear power and a European

economic community, both of which came to be. He guided France through crisis after crisis, both at home and in such places as Algeria. For over twenty years he was the man who spoke for France, either as its voice from exile or as its President. When terrorists tried to kill him, his first remark was that those who protected him shot as badly as those who failed to kill him. Such a man was Charles DeGaulle, taller even than his almost two metres of stature.

After that introduction, we get down to the topic: the memory of the public. The reason for the entire first section is that I really wonder how DeGaulle will be remembered with the passage of a few years. Throughout the world, there is a peculiar tendency for the general public to misremember the past and the people belonging to it. As Euripides said, "When good men die their goodness does not perish, but lives though they are gone. As for the bad, all that was theirs dies and is buried with them." While it

Continued on Page Four

The CALIFORNIA Tech

Thursday, November 12, 1970
Volume LXXII Number 8

Published weekly by the Associated Students of the California Institute of Technology, Incorporated. The opinions expressed in all articles herein are strictly those of the author, and do not necessarily reflect those of the editors or the newspaper staff.
Copyright 1970 by the Associated Students of the California Institute of Technology, Inc. All rights reserved.

Editors-in-Chief Paul A. Levin
Ira D. Moskatel
Philip M. Neches
Entertainment Editor Nick Smith
Film Editor Dave Dobrin
Photography Editor John Fisher
Sports Editor Ira Moskatel

Staff John Abbott, Peter Beckman, Patricia Clabaugh, Barry Dohner, Emden Gansner, Roger Goodman, John Garth, Malcolm Handte, Jim Henry, Philip Massey, David Miller, Mike Mariani, Bruce Montgomery, Terry O'Neill, Etaion Schroedlu, Alex Seita, Bob Standley, Elliot Tarabour, Millikan Troll, Ralph McGee.

Photo Staff John Belsher, Steve Dashiell, Karen Eaton, Bill Loucks, Ken Mills, Alan Stein.

Business Manager Marvin Mandelbaum
Circulation Manager Metin Mangir

The California Tech publications offices: 115 Winnett Center, California Institute of Technology, 1201 East California Boulevard, Pasadena, California, 91109. Represented by National Educational Advertising Service, Inc. Printed by News-Type Service, 125 South Maryland Avenue, Glendale, California. Second class postage paid at Pasadena, California.

Subscriptions \$1.50 per term
\$4.00 per year
Life subscription \$100.00

THIS FRIDAY, ASCIT PRESENTS:

The Good, the Bad, and the Ugly

starring Clint Eastwood

("He smokes sexy cigars," says Dave Shoulders.)



7:30 p.m. and 10:30 p.m. — Culbertson Hall

Admission 50¢

FRIDAY, NOV. 20:

The President's Analyst

Beckman

Continued from Page One

figments of a mind that follows the laws of science.

Professor Jones believes that these problems can only be avoided by disregarding whether a certain view is true or false. Instead it should be asked whether the view is functional or not for a certain situation. One must be open minded enough to use differing philosophies when and where they are useful. Thus, science and the humanities can go hand in hand, each being used to the fullest when the situation requires it.

Coming Distractions

Professor Jones concluded by stating that the various philosophies are differing perspectives on one reality, but to use them to the fullest we must open our minds and develop "perspectual vision."

Next week Thomas C. Rindfleisch of JPL will speak on "Space & Photography and Computers & Mankind."

Draft Advice for Fourth Year Students

by Mark Peterson

If you are a fourth year student or if you are in the second year of a two year program, you should make plans for avoiding the draft at the end of this school year. If you begin planning now, your chances of avoiding the draft will be much greater.

As earlier articles stated, if your lottery number is 196 or higher, you can almost certainly assume that you will never be drafted if you can be classified 1A before December 31, 1970. Also, if your lottery number is fairly high, it may not be reached next year. You should keep your 2S for this year and watch the lottery calls carefully next year. You should also follow the suggestions in this article so that you can get a deferment or prevent your induction if your number is reached next year.

If you have a low lottery number

you should try to get another deferment when your 2S runs out next year. If you plan to continue in school without graduating at the end of this school year, you may be eligible for a 1-S(C) student deferment. That deferment, which is good for up to one year, was described in the last article. You may also be eligible for a 2A apprenticeship deferment, especially if you are only in a 2 year program. You can receive the 2A deferment if you attend a technical school or if you enter an apprenticeship program.

However, in order to get an apprenticeship deferment after you have had a 2S, you must show that the college education and the technical or apprenticeship training both prepare you for the same occupation. That may be very difficult to show. If you wish further information about appren-

ticeship programs, see a draft counselor and/or the Apprenticeship Standards Division of the Department of Industrial Relations for the state of California. You might also be able to get a hardship deferment. See a draft counselor if you feel you might have a basis for such a deferment.

1Y Deferment

Your best chance for a deferment may be a 1Y deferment, for physical or psychological unsuitability. It is especially important for you to begin planning for a 1Y deferment shortly. Next week's article will discuss how to get a 1Y deferment.

If you cannot get another deferment when you are classified 1A at the end of this school year, you should then begin the process for reviewing the 1A classification. The review will prevent your induction and will give you time to

try to get another deferment. Within 30 days after you are reclassified 1A, request an appointment with the government appeal agent and a personal appearance. If after your personal appearance you are still 1A, you should request another appointment with the government appeal agent and an appeal

Continued on Page Six

Throop Beat

Continued from Page Two

Faculty meeting a week from Monday (November 23). One administrator commented that as long as the Faculty is required to meet at least once a term, they should have something to talk about.

Trustee Meeting Follow-Up

Twenty-five students visited TRW last week to see how scientists live and work in industry. The visit, arranged by Rubin Mettler, vice-president of TRW and a Caltech trustee, proved to be one of the first of what may be many positive results of the Palm Springs Trustees' meeting.

Several trustees have indicated an interest in visiting at the Student Houses, some overnight. See your house president if you are interested.

Etaoin Shrdlu Time

This week's Etaoin Shrdlu Award goes to the UCLA College and Research libraries, which have cut their hours of operation recently. Now, UCLA students find the libraries close at 10 p.m., much to the dismay of students who work and/or commute.

General Electric's been building bigger jet engines for 30 years. When are they going to start building cleaner jet engines?

Not many people know that General Electric started building a jet engine in 1941. America's first jet engine.

That jet produced only 1200 pounds of thrust.

Our newest jet, for the DC-10, produces around 50,000 pounds of thrust.

In the early days of jet aviation, the important thing was thrust.

But suddenly our skies are filled with jets. And, suddenly, jet pollution is a major problem.

General Electric tackled it head on when building the DC-10 engines. And we accomplished two things.

When you see the DC-10 take to the air, you'll see no black marks against the sky. Because the engines make virtually no smoke.

Of course, there's more to jet exhaust than just smoke. Our goal is

someday to make jets run totally clean.

Another problem with jets is noise. If you've ever lived anywhere near an airport, we don't have to tell you that.

General Electric has been working on noise, too.

GE was chosen by the federal government to help solve this problem for the aviation industry. At present, we know of no way a powerful turbofan engine can be made noiseless. But we've made progress in that direction.

The DC-10 engines, for instance, are quieter than any jet engines on the passenger planes of the Sixties. Quieter, even though they're more than three times as powerful.

We have more work to do before we'll satisfy all the people concerned about jet pollution, ourselves included. But because we've been working at it since the mid-Fifties, before it was widely recognized as much of a problem,

we've already crossed some important hurdles.

Why are we running this ad?

We're running this ad, and others like it, to tell you the things General Electric is doing to solve the problems of man and his environment today.

The problems concern us because they concern you. We're a business and you are potential customers and employees.

But there's another, more important reason. These problems will affect the future of this country and this planet. We have a stake in that future. As businessmen. And, simply, as people.

We invite your comments. Please write to General Electric, 570 Lexington Ave., New York, N.Y. 10022.

GENERAL  ELECTRIC

HI LIFE
1758 E. Colorado
449-9705

SPECIAL DAYTIME OFFER for Caltech students, faculty, alumni, and employees over the age of 21.

Good from 12 noon to 3 p.m.

A sandwich and beer for \$1.00. (Your choice of eight sandwiches) Upon presentation of Caltech ID.

PLUS TOP ENTERTAINMENT!

BABY DOLL
RINDY MARTIN
TONI FELICE
KITTEN
JOANIE ALLEN

and the rest of our top girls



Cover charge reduced to 50¢ on Monday thru Thursday nights; waived on Sunday, Friday, and Saturday with presentation of Caltech student, faculty, alumni, or employee identification card.

At 890 E. Stakeout

"It All Started So Innocently"

It all started innocently enough—after we had starved our minds on the artistic and dramatic merit of "Barbarella," three of us discovered the vacuum spreading to the lower portions of our anatomy, whereupon we rescued a fourth—the Fleming R.A.—from a drunken and disorderly mob, and set out to Roma's to eat it.

We passed the time quite pleasantly by relating humorous anecdotes during the long wait. You can therefore imagine our high spirits as we left for the long trek back to Tech.

It was at this point that our troubles began. As we started left on Wilson, one of our party requested that we take Lake to California instead, because he had heard that the Pasadena police had placed one of the oldest local establishments under surveillance. Sure enough, when we reached the intersection of California with Lake, we saw a darkened PP car parked in the service station parking lot facing the establishment.

The driver, being in an extremely obliging mood, turned left onto California and proceeded slowly along the right lane past two empty storefronts. Our expert in such matters singled out the next entrance—the one with only a small "open" sign on the door—with the expressive, "That's the place." At that, the driver pulled over to the curb and very considerably offered to allow the concerned party to debark. The R.A., being well-heeled but polite, declined.

At this, the driver cautiously signalled and smoothly pulled off down California. Being an over-trained and very careful driver, he checked the mirror and discovered the police car doing likewise. We signalled and switched lanes to avoid the tailgating of one of Pasadena's finest, who followed. Closely. We signalled for a left turn and stopped for the red light at Wilson. The policeman signalled for a left turn and stopped for the red light at Wilson. When the light changed, we turned left. Peculiarly, the officer also turned left.

At this point our leader in this adventure naively suggested that we "take the tailgater for a ride." The driver agreed and suggested Del Mar, but he reconsidered and precisely 1.5 plus-or-minus 0.5 car-lengths from San Pasqual, he signalled for a right turn, pulled over to the right, and came to a full boulevard stop, with the turn signal still operating. After a lengthy perusal of the empty street, we turned right, and after what was presumably a legal stop and signal, the officer followed.

We calmly proceeded about 0.5 car lengths further down San Pasqual, then a glaring red light panicked the driver, causing him to swerve sharply to the right and

stop. The officer pulled in behind us.

Sometime later, after he had pinned the four of us down with a blinding spot-light, the officer made his way to the car, where he asked for the driver's license. After a lengthy examination of said document, he asked if we were all from LA. Realizing that there was at least one non-resident in the back seat, the driver blithely replied, "Yes," adding, "As a matter of fact, we all go to Tech."

"What?" the officer queried. In the way of information the driver then explained that we were all students at CIT.

The officer then explained that the reason he had stopped us was that we had made an illegal right turn onto San Pasqual. He informed us of the California State Law requiring a moving vehicle to signal continuously for at least 100 feet prior to any change of direction or lane, but said that he wouldn't cite us this time. After sternly admonishing us to know the law, he handed back the license, paused, and then casually asked, "What were you doing back there?"

The driver replied, with much candor, "Back where?" Nonplussed, the officer retorted, "At the stop you made before this one."

The driver, only marginally controlling the urge to burst into laughter engendered by the ticket farce, said, "It's a long story," and lapsed into silence. The officer, undaunted in his search for Truth, Justice, and the American Way, stood there. The driver, about to lose control, shifted the burden of explanation to his uncle in the back seat.

The R.A. explained that he had heard that the police were watching some place, and we had come to see what they were watching.

The officer was satisfied and turned to leave, but Uncle Bill, not wanting to leave matters as they lay, innocently asked what it was the police were watching.

The officer, rather flustered, replied that he couldn't divulge that information because it was classified, but that we could read about it in the papers.

He returned to his car then, at which point a second officer arrived at—and we departed from—the scene of the crime.

Then, later on, when we were relating the story to two fellow Techers, a security guard came up

and asked to see our ID's. Realizing that it just wasn't our night, we came back to the House and tried and failed to see where we went. Quien sabe, we concluded. Who knows?

Stan Lewis
Bill Beranek
Lance Optican
Hal Jerman

The World Will Not

Long Remember...

Continued from Page Two

is not entirely true, people do tend to remember only what they want to remember.

The dead tend to influence all of society, while the living must wait until death for their ideas to be posthumously heard. Religion had its Jesus, its Mohammed, its Gautama Siddhartha (Buddha, for the unread masses) and others who control the lives of millions long after their deaths. America has had Abraham Lincoln, George Custer, John Birch, and John Kennedy. All four have been deified by many merely for the act of being killed. Had any of them (yes, even Lincoln) lived, they would occupy less of a place in history, not more.

The same is true of events that is true of men: only the good ones are remembered, the good is judged by the winners. White middle-class Americans have lived smugly in the knowledge that they are living in the favorite nation of their favorite deity. They very carefully forget the American Indians, the aggressive wars against Mexico and the Philippines, the responsibilities avoided, the deaths that their smug status cost. Forgive me my bitterness, it ill becomes a political writer.

I have few comments about the recent election, and only two that wouldn't violate postal regulations. The first is that Proposition 18 was defeated by some of the cheapest and dirtiest tactics that the oil and highway lobbies have ever used, and that I really wish that certain of our Trustees would at least voice disapproval of these tactics. (i.e., Arnold O. and Frederick G.) The second is that at least now people can stop filling the Forum with tripe and semantic arguments over whether Caltech is made up of individuals. I pause for a reply.

FRESHMAN CATECHISM

from the 789 aq.little t

What is Physics 1? Physics 1 is the pittance extracted from all frosh to redeem them from the original sin (high school physics).

What is the Holy Trinity? The Holy Trinity is the Feynman Lectures, the problem book, and the class lectures. They are separate, unequal, and any resemblance between the three is purely coincidental.

Who is Feynman? Either God or Satan depending whether you are in the top or bottom half of the class.

Who are Leighton and Vogt?

Most certainly two devils from the lower regions of astronomy. *What blessing is bestowed through the class lectures?* The gift of sleep.

What miracle occurs regularly during class lecture? Snow falls from a clear blue sky. Quotation of the week: "And the guardian Spirit of the Frosh decended upon the sleeping Richard of Price and said unto him, "Someday, somewhere, in some strange manner we shall be avenged for problem number three in the midterm."

(Book of the Dead 21:88)

Masochist's Delight

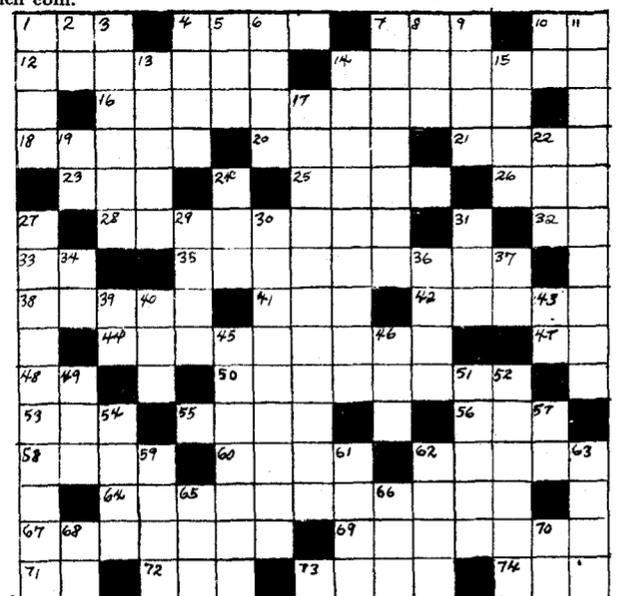
So the last one was too easy for you? Try this brain teaser on for size. [Answers next week]

Across

1. Arabian alate vertebrate.
4. Platform.
7. Hovel.
10. Equally.
12. French philosopher.
14. Full suit of armor.
16. Book of the Bible.
18. Cancel.
20. Unaccompanied.
21. Hence.
23. —semper tyrannis.
25. Man's nickname.
26. Psychological phenomenon.
28. Vesicular eruption.
32. Exclamation of delight.
33. Proofreader's mark (abbr.).
35. Foreshadow.
38. Middle East peninsula.
41. Hind.
42. Rampart.
44. Personified.
47. Address abbr.
48. Possessive.
50. Braised beef.
53. Noun suffix.
55. Roman garb.
56. Before (poet.).
58. Asian nation.
60. Cruel (comb. form)
62. Parent tongue of Indo-European languages.
64. Picnic annoyances?
67. Foot lever.
69. Fluid dispenser.
71. Printer's unit of length.
72. See 41-across.
73. Gov't agency.
74. French coin.

Down

1. Football team
2. Prefix meaning against.
3. Actor Hardwicke.
4. Smear.
5. Knack.
6. Calends, nones, —.
7. House of King George III.
8. Numero
9. Volume.
10. Element abbr.
11. Parasites.
13. White (comb.form).
14. Thalarctos maritimus.
15. Requisite for Norse warrior's entrance into Valhalla
17. Bluster.
19. See 10-down.
22. Nat'l org.
24. Singular.
27. Liken.
29. Secular.
30. Substitute.
31. American Indian.
34. See 10-down.
36. Scope.
37. Past part. ending.
39. See 10-down.
40. Formicary resident.
43. See 10-across.
45. John for one.
46. Likely sight for aerie.
49. Affirmative vote.
51. Worsted fabric.
52. Appointments.
54. Water and wood.
57. Per (abbr.).
59. Food fish.
61. Spheres.
62. Subtle emanations.
63. Carol.
65. Japanese herb.
66. Clon.
68. German currency until 1948 (abbr.).
70. Toward.

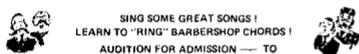


WANTED

100 MEN WHO LIKE TO SING

The Pasadena Chapter of the Society for Preservation and Encouragement of Barbershop Quartet Singing in America, Incorporated, invites you to come to Michillinda Presbyterian Church, Corner Rosemead and California Street, Pasadena.

FRIDAY, NOVEMBER 13, 1970 — 7:30 P.M.



SING SOME GREAT SONGS!
LEARN TO "RING" BARBERSHOP CHORDS!
AUDITION FOR ADMISSION — TO

PASADENA'S CLOSE HARMONY CHORUS

See Jim Campbell - Ext. 2561

PAUL MC FATRIDGE, DIRECTOR S.P.E.B.S.O.S.A. of Pasadena

IRRESISTIBLE

"SO FINE THAT IT SHOULD PROVE IRRESISTIBLE"—NEW YORK TIMES
vincent canby, new york times

DELIGHTFUL

"DELIGHTFUL, WITTY, MARVELOUSLY SOPHISTICATED—IT'S UNIQUE"
—judith crist, new york magazine

MATURE

"THE MOST THOROUGHLY MATURE FILM THAT HAS COME TO THE SCREEN IN YEARS"
—arthur knight, saturday review



my night at maud's

JEAN-LOUIS TRINTIGNANT

CO-FEATURE

HENRI-GEORGES CLOUZOT'S **LA PRISONNIERE**

COMING

NOV. 18 "DARLING LILI"
DEC. 25 "AIRPORT"



2670 E. COLORADO
MU 4-1774
SY 3-6149

ATTENTION

INTERNATIONAL STUDENTS

Call **MARTIN LEWIN**
TRANSCARGO, INC.

2240 N. Figueroa St.
Los Angeles Calif.
90065

Specializes in

Overseas baggage shipping
and Commercial shipping.

Air—Ocean—Truck

Serving students for over 10 years.

Tel. 225-2347.

Ira Moskatal: Clichy Has No Social Import

by Ira Moskatal

Horny TECH Editor

In recent years there has been much debate about the redeeming social value of the portrayal of "honest sex." The movie I am about to review has no redeeming social import: If you get a kick out of watching a guy and a gal balling go see "Quiet Days at Clichy." If your funny bone is titillated by the humor of incongruity without the prerequisite of compassion, then *Clichy* is your bag.

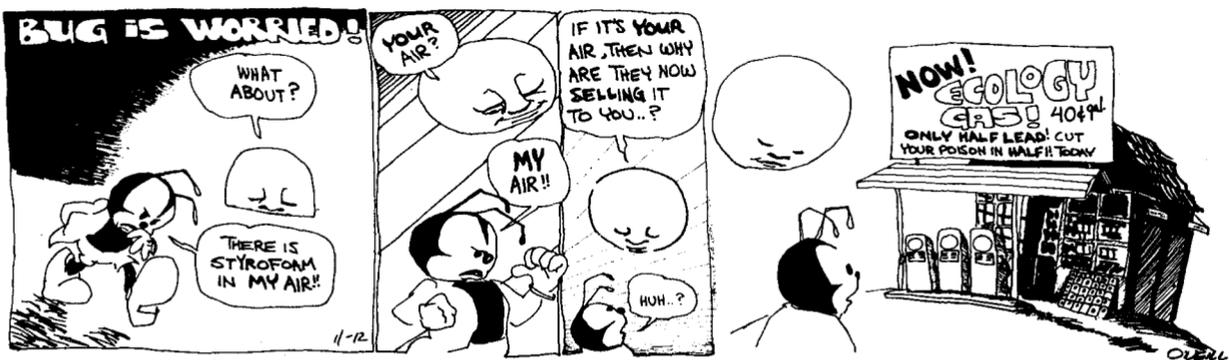
"Quiet Days at Clichy" is a semi-autobiographical novel by Henry Miller. In the original book he describes his life as a carefree American in Paris in the American slang of the back alley.

Country Joe sings and performs the accompaniment to the movie's various scores. "Let me tell you the story of Joey and Frankie who wanted to (fornicate)." There is something to be said for the humor implicit in the terse, singsong ballads describing the action on screen.

The protagonists of the film are an American and a Frenchman living the hedonistic life of men with no cause in life. No cause describes the film. "She's kind of dumb but she can (fornicate) like hell," they described a 15 year old who lived with them for a time.

The pseudo-literary style is exemplified in the sub-title that appears at the beginning of the film: "It was Springtime and there was cunt in the air." Following the subtitle were picture postcards of Paris with the anglo-saxon description of the female genitals written in grease pencil all over the sky (including in the arch of the Arch of Triumph).

B
O
D
D
K
I
N
S
by Dan O'Neil



Seita Salutes Synesthesia

by Alex Seita

When the lights go out in the Lloyd House dining room tonight, Caltech will be treated to an experience of the beauty of life defined in terms of photography,

At first bounce, this may seem amusing, and at first, it is. There are usually some random "adults" in attendance who make comments which keep up the laughter. Eventually the shock of seeing the flesh wears off and the film becomes dull and nauseating.

The most nauseating aspect of such films is that they represent an attempt to "culturize" raw sex. They attempt to cloak a well created titillation in the guise of meaning.

There is no meaning in *Clichy*; its characters are sterile (no pun intended); the dialog only enough to pass the regulations. The animal sexual instinct is justified by the artistic experience. Sex is intrinsic. Enjoy it. Art is intrinsic. Enjoy it. Don't attempt to veil one with the other artificially.

In the overheard conversation in the movie theater:

"Ummm, Deep; and he fucks, too!"

music, and poetry. *Synesthesia*, a program of eleven diverse compositions, is the creation of Chick and Anne Hebert who possess skills in photography, electronics, acoustics, graphic art, and other technical and artistic areas.

The collage of media in *Synesthesia* will present photography concerning man's creations, the explosive and tranquil aspects of nature, and shadows—the music will encompass themes from Bach to Country Joe MacDonald—the poetry will echo T. S. Elliot and delve into haikus. Mixed in elegant fashion, these three components form a production of clear esthetics.

Sponsored by the ASCIT Activities Committee and Dr. David Smith, *Synesthesia* was chosen to be shown to the student body after two students, Anton Pietsch (Ru) and Robert McNamara (Li), had reviewed the program at UCLA. The use of Lloyd House for the site is part of the Activities Committee's hope to evoke greater campus participation in ASCIT events.

Synesthesia will be shown from 8 to 10 p.m. and refreshments will be served.

Jesus Christ Superstar-A Rock Opera Rice-Decca Records DXSA 7209.

INSTRUCTIONS FOR USE: BUY THIS ALBUM!! PUT IT ON YOUR TURNTABLE. LISTEN TO THE MUSIC AS YOU READ THE LIBRETTO. LET IT SIMMER IN YOUR BRAIN FOR THE FULL NINETY MINUTES WITHOUT INTERRUPTION. IF YOU DO NOT COME TO THE CONCLUSION THAT THIS IS ABSOLUTELY THE GREATEST ROCK ALBUM EVER RECORDED, YOUR MUSICAL SOUL IS COMPLETELY BEYOND SALVATION!

I am fully as enthusiastic about the future of this work as the above instructions imply. In terms of rock history, this album will be as much more significant than *Tommy* as *Tommy* is greater than the Archies. The reader should not mistake this album for another *Tommy*. Whereas *Tommy* was nothing more than a series of related songs forming a crude story, *Jesus Christ Superstar* is a complete opera. It is fully orchestrated and has a complete cast of singers (Jesus is portrayed by Ian Gillan, of Deep Purple). Although *JC* has not yet been staged (the authors have not yet decided who will back them) the

album makes it clear that this epic work is ready for the stage.

The opera is not strictly a rock work. The authors have made excellent use of musical forms ranging from the classic composers through present day rock. The work relies heavily on typical operatic devices, such as arias, grand choruses, and dialog set to music. Themes are repeated throughout the score, but this technique is used with great subtlety to the advantage of the work. The music is most definitely not conventional; the rhythm has a tendency to shift from 3/4 and 4/4 time to 5/8 and 7/8 without warning. Yet the transitions are made with such skill that they are almost unnoticed; they definitely enhance the work.

The story is that of the last week of Jesus' life. Judas and Jesus vie for the role of protagonist. The story is not portrayed in grandiose religious terms. There are no miracles performed on stage; it is only through the intimations of the players that we get the suggestion that Jesus may be the son of God. Whether or not he really is is a question left unanswered. Jesus is portrayed as a young leader who has risen to power, Judas as an idealistic friend and follower who feels that the son of God stories are sweeping away all the good that Jesus has accomplished. The apostles come off as mindless followers while on the other hand, Pilate actually comes off as a moderately sympathetic character, a man driven by public pressure to kill a harmless fanatic.

Continued on Page Seven

"FIVE EASY PIECES"

IS A SERIOUS UNCOMPROMISING FILM THAT STANDS EASILY ABOVE THE STANDARDIZED CRAP THAT HAS BEEN COMING FROM THE FILM STUDIOS LATELY!" *Rolling Stone*

NOW in Hollywood - Westwood - Van Nuys

"NO PREACHING, NO EULOGIZING, JUST AN UNDERSTANDING LOOK AT SOME CHARACTERS, WHO, THE MORE THEY LOVE THE MORE THEY HURT. AND WHEN IT'S OVER, YOU'RE LEFT WITH A STRANGELY GLORIOUS FEELING!"

—Stuart Applebaum, Phoenix



"ROTATE MACK!"
COLUMBIA PICTURES Presents • BBS Production
JACK NICHOLSON
"FIVE EASY PIECES"
KAREN BLACK and SUSAN ANSPACH
Screenplay by ADRIEN JOYCE Story by BOB RAFELSON and ADRIEN JOYCE
Produced by BOB RAFELSON and RICHARD WECHSLER
Executive Producer: BERT SCHNEIDER • Directed by BOB RAFELSON COLOR

"ABOVE AND BEYOND ANY FILM THAT I HAVE SEEN. I DO NOT THINK THAT YOU SHOULD MISS THIS ONE!"
— Steve Kohn, Bernard Baruch, C.U.N.Y.

"IT IS A FILM DEFINITELY WORTH SEEING. IT IS A FINE SKETCH OF MAN'S DESPERATE NEED FOR SOMETHING WORTH LOVING AND A LIFE WORTH LIVING!"
— Anne Shepard, Hunter College

HOLLYWOOD
LOEW'S HOLLY
Hollywood Blvd. near Wilcox
465-3491

WESTWOOD
U.A. WESTWOOD
Lindbrook at Westwood Blvd.
477-0575
Daily 2:15 • 4:15 • 6:15 • 8:15 • 10:15
Midnight Show Saturday

PACIFIC'S
VAN NUYS
SEPULVEDA Drive-In
Sepulveda at Victory Blvd.
786-6520

We cordially invite California Tech students and faculty members to bank with us.

Complete banking services including:

- Automobile Financing
- Bank-By-Mail
- Certificate of Deposit
- Checking Accounts (Bookkeeping by electronic automation)
- Collateral Loans
- Drive-In Banking
- Escrows
- Foreign Banking
- Letters of Credit
- Home Modernization Loans
- Life Insurance Loans
- Money Orders
- Night Depository
- Personal Loans
- Real Estate Loans
- Safe Deposit Boxes
- Savings Accounts
- Travelers Checks
- Trust Services
- U. S. Bonds

Auto Banking Center at Colorado and Catalina Office, 1010 East Colorado and Citizens Commercial Trust & Savings Bank of Pasadena, hours: 9 to 4:30 daily; 9 to 6 Fridays

PASADENA
Head Office: Colorado and Marengo
Colorado and Catalina Office: 1010 E. Colorado
LA CANADA
La Canada Office: Foothill and Beulah

Citizens Commercial Trust & Savings Bank of Pasadena

Appeals, Delaying Tactics

Continued from Page Three
to the state appeal board. This request must be made within 30 days after the notice that you are still 1A after the personal appearance. If you are still 1A after the state appeal, you can request classification as a conscientious objector. Such a request will give you a new right to a personal appearance and a new right to an appeal, together with the right to see the government appeal agent before each of those steps.

Full Rights

To fully use the review process, you should have 4 appointments with the government appeal agent, 2 personal appearances, and 2 appeals. It is very important that each stage of the review process is handled correctly, so you should see a draft counselor at all stages. The process should take from one to two years to complete. Also, if you have good reason to postpone an appointment with the government appeal agent once or twice, you may be able to extend the process even longer. Even if you now have no basis for deferment, the one to two year delay earned by using the review process should give you time to develop a deferment.

Also, if you do not care to receive a degree at the end of this school year, or if you do not intend to stay in school after you have

completed a two year program, you may be able to get a 1-S(C) deferment after you have completed the review process outlined above. Then after you had been reclassified 1A after having had the 1-S(C) deferment, you could again begin the review process. Thus, after this school year, you could be safe for 1 or 2 years while you were having your 1A reviewed, 1 year while you were 1-S(C), and 1 to 2 years for review of the 1A after you had lost your 1-S(C). You would be safe for from 2½ to 5 years after this school year. Remember, if you reach the age of 26 without having an induction order outstanding on your 26th birthday, you cannot be inducted unless everyone between the 19 and 26 is drafted first.

Professional Help

The methods described in this article have been treated briefly to show you that there are several things you can do to avoid the draft after this school year. It is essential that you get experienced help to meet the technical requirements involved in those methods of avoiding the draft. See a draft counselor.

If you have any questions which you would like answered in this paper by a draft lawyer, write:

Mark Peterson
19½ Horizon Avenue
Venice, California 90291

Caltech Awards High Schoolers' Writing Prowess

by John Tristano

In conjunction with a monthly series of lectures to be given at Beckman Auditorium for interested secondary school students, there is now a Caltech award for outstanding Essay Writing.

The awards, one each on the junior high and high school levels, are being given to the students that attend the most lectures and write the best essays. The essays are to be stimulated by the lectures but be creative in nature.

This month's lecturer was Dr. George Hammond, who told an interested group of high school students about intellectual models and how nearly all the scientific information available today is based on these models. These models are created and studied totally within the minds of the scientists.

He specifically detailed the growth of the molecular model from the times of the ancient philosophers, and the theories about matter being continuous or particled to the present day theories about how molecules bond.

The lecture series allows the brighter high school student a chance to be exposed to a science program that is stimulating on the individual and the group level.

ASCIT of Seita Financial Changes Announced

by Alex Seita

Demonstrating the munificence of ASCIT, the B.O.D. began last week's meeting by allocating financial aid to two organizations; Zero Population Growth and the Black Students Union. Zero Population Growth which includes 50 Caltech members received \$100 to be used towards programs and distribution of materials at Caltech and in the Pasadena Community. Meanwhile, the Board gave \$10 to the Black Students Union for the payment of letter heads. Emphasizing that the B.O.D. was one of many money sources in ASCIT, the Board stated that money is also available from the Executive Social Committee to fund exotic proposals that clubs, groups, or individuals may have.

Coffeehouse Success

ASCIT Treasurer Terry LaGrone reported that the Coffeehouse accommodated 3,070 customers and recorded a small loss due to capital improvements in October. However, because capital improvements (purchase of new equipment) will be less extensive in the following months, the Coffeehouse will probably reap profits of \$200 per month.

Academic Affairs

By a unanimous vote, the Board selected Marc Aaronson and Leonidas Guibas as its represent-

atives to the Faculty Board. Director of Academic Affairs Phil Morgan will soon extract and gather reports from student representatives to faculty committees so that the Board will be made aware of important events.

By-Laws Change

In the near future, there will be a corporation election on a By-Laws change eliminating the ASCIT subsidies (art. 13, sec. 1) to the Athletic Department. Ostensibly, \$5 of the \$5.50 that each student now pays to the PE department will be given to the Executive Social Committee with the remainder going to the corporation's general fund.

Speaking for the ASCIT Executive Committee, Alex Seita enumerated a number of recommendations to improve ASCIT By-Laws concerning corporation meetings, petitions and referendums. In response, the Board asked that the Excomm also enlarge its scope to review and revise all necessary parts in the By-Laws and Resolutions, especially the parts concerning elections. Later, before general elections in second term, the Excomm will produce a set of improvements for approval by the students. The members of the Excomm are D. Collier, P. Davis, G. Nicolaidis, B. Reznick, J. Schroeter, A. Seita, B. Tucker, and S. Whitcomb.

Tax Status Change

LaGrone stated that ASCIT will soon acquire a new tax status which will allow the corporation to receive money directly from non-profit foundations with a similar tax status (e.g., the Ford Foundation). The new tax status stipulates that the corporation will officially abstain from political activity (as is done now) and that ASCIT funds for clubs will be called payment for services rather than funds (change of name).

Announcements

Synesthesia, a program depicting beauty through photography, music, and poetry will be presented in the Lloyd House Dining Room tonight from 8 to 10 p.m. It's sponsored by the ASCIT Activities Committee and Dr. David Smith.

The annual Mudeo (test of skill) between frosh and sophs will be held at 3 p.m., on Friday, November 13, on the east side of the Noyes Chemistry Laboratory. This widely acclaimed cultural festival requires all the campus support possible.

Finally, the Board recognized the Integration Workshop as a club.

Army Atrophies Mental Processes

Continued from Page Two
Basic Combat Training, which everyone takes.) The Army is so sincere, it even signs a contract with you guaranteeing you that school. You're safe, right? Wrong. After six months, no matter what, the Army can change your MOS (school or occupation) to anything it likes, including infantrymen. Some guarantee. (This is even more nasty when you note that the Army made a big deal out of the "guaranteed" advantages of a 3-year hitch over a 2-year one, when the guarantee won't even last for one year, the difference between the two. The Army strategy worked too; in my platoon far less than half the volunteers were for 2 years.) There was one other thing which puzzled me: the 3-year men took the Army battery of tests before they enlisted, and if their scores were good enough for their school the school contract was signed when they enlisted; however, when we arrived at Fort Dix, the entire battery of about 15 tests were given to us all at once (and late at night, as it happened) after the encouraging announcement that anyone who failed these tests would lose their school. Beautiful. (All this is probably in the contract somewhere, but you know how it is with long contracts, when you've been "told" what's in them.)

In one respect, at least, things were different from last June, when I entered the Army: you can no longer volunteer for only two years.

(Come to think of it, I heard this from my recruiter, so it might not be true either.) This being the case, I would give a weak recommendation to Techers not to volunteer, even if the alternative is being drafted — the Army has to fill many of its non-infantry positions from the ranks of 2-year men, and it does fill these positions, more or less from the most-qualified of the 2-year men. Also, I venture to predict declining volunteer rates in the next year or so, although I may be wrong on this.

The Two Year Myth

I myself took the 2-year volunteer choice, hoping for a medical assignment; that was not offered me, but I was lucky, and was offered the Vietnamese language and culture school, which is 30 weeks long; and where I am now. Of course, not everyone would agree that I'm lucky. Still, this is better than what happened to two of the dozen college grads in my platoon — they're at Advanced Infantry Training school now. The others, to a man, are in ASA (Army Security Agency) or MI (Military Intelligence), and are in for three, or four years. Of my platoon, about one-third went on to Infantry, and

several to artillery, while others could be sent there later (including myself; I'm hoping that my training will be expensive enough that the Army will try not to waste me, but a home-town acquaintance of mine finished a 47-Albanian language course and was promptly shipped to Vietnam.)

While I was at Fort Dix, a Philadelphia newspaper carried the results of a study done by the Department of Defense on Army vocational placement techniques and results. One particular control group consisted of several thousand college graduates who were draftees and each of whom possessed, before entering service, enough training or knowledge of some Army vocation that they would not need to go through the standard advanced training programs for these vocations. Less than four percent of these individuals were placed in the fields for which they were so well qualified, and over half wound up in infantry.

Don't, Don't, Don't!

If you are so unfortunate as to be forced into needing to make a decision concerning service alternatives, I think it is obvious why I, personally recommend that you

actively choose none of them. There are people around who can take any case and get a deferment; use them, even if they are expensive. (I'm currently earning \$124.50 a month; how long would it take you to pay yourself back out of higher earnings?) It's worth it to save mental processes from being terminated, or atrophied.

Gardner

Continued from Page One

to vote. He replied that his organization had not, but that he had provided office space for a student organization.

The "Common Cause" is still looking for members and funds. It hopes to encompass 500,000 members eventually, and is seeking \$200,000 by April until enough memberships at \$15 come in.

Gardner is hesitant on the issue of recruiting youthful support: "We've failed so many times, if we pick something that may fail, we could lose all the youth support."

Bang! Kachunk! Rrrrip! Swish! Clunk! Squeek! Crack! CRASH!!!!

All right, IH Dance workers, looks like a time for a break.
Have a pizza at:

ROMA GARDENS

BEER & WINE
ITALIAN CUISINE
SPAGHETTI RAVIOLI
PIZZA

1120 E. Green
449-1948

OPEN 5 TO 12 SUNDAY THRU THURSDAY
5 TO 1 FRIDAY AND SATURDAY

EUROPE For Only \$795.

Round trip jet air fair
6 week tour of 8 countries
9 & 10 week tours available
For further information:
Box 726, Sierra Madre, CA

DANCING FOR YOUNG LOVERS HORACE HEIDT, Jr. and his Great Combo

NOW
in the Star Room at
the Top of the Beverly Hilton

Never a Cover — Two Drinks Minimum
Neckties Necessary — Wonderful —
for Sorority and Fraternity Groups

CALL FOR RESERVATIONS 274-7777

Critical Ear Continues

Continued from Page Five

The opera seems to be a play about men rather than God. I will not pass any religious judgement on this, but I personally found that to make for a very powerful and moving production. The main characters become pawns not so much of God but of the fickle mobs and their own passions. It may or may not be a strictly Biblical interpretation, but it is a very favorable rendition. Buy this album. Even if you are strongly religious, I feel certain that you will not be offended by the treatment. And if you are not, the album will move you on purely humanistic and musical grounds. It is simply the greatest album ever recorded.

Alan Stein

Beethoven: Violin Concerto in D Major - Columbia Symphony, Bruno Walter; Zino Francescatti, soloist (Y30042)

Records like this one are incredibly hard to review. Or depending on how you look at it, incredibly easy.

This is Beethoven's only concerto for violin and therefore, his best violin concerto. Incidentally, it is also regarded widely as the best violin concerto ever written. Therefore, anything I say about the concerto itself would be ridiculous.

Secondly, Francescatti, who recorded this work when he was about 60, first played the concerto at age 10, so he could hardly be called a novice to the piece. Nor has age, while giving him maturity and technical facility with the concerto, taken away his ability to play it with freshness and spirit. He interprets the piece excellently, keeping the treacherous solo part firmly under his control.

The orchestra is handled well by Walter. In backing up and augment-

ing Francescatti, he produces a concerto definitive in its expanded and intensified classical form, with the orchestra interwoven with the violin.

The recording seemed to have a noticeable amount of hiss (my ears?) and I haven't been able to listen to the original. So, in case you would like to compare, the original was released as MS 6263 by Columbia.

E. Gansner

Performance Sound track of the James Fox-Mick Jagger movie Warner Bros. No. 1554

I am reviewing the soundtrack, not the movie itself, and am thus less biased than I should be. *Performance* is a good album: talented, sophisticated in style without being obtrusive, varied. At worst, it is like what all rock sounds like to most "adults." Mediocrity surfaces in "Gone Dead Train," a Randy Newman disappointment; "Rolls Royce and Acid," mood music background only; "Poor White Hound Dog," and "Natural Magic" another filler. The peaks, however, are impressive.

The title cut is a totally spaced, electrically heavy head-hypnotic trance. "Get Away" and "Powis Square" feature the utterly incredible bottleneck guitar genius of Ry Cooder, and Buffy St. Marie wailing and mouth-bowing with eerie brilliance in "Dyed, Dead, Red" and raga-rolling with Ry Cooder (on dulcimer, yet!) on "The Hashishin" adds to the emotional rip-tide. "Harry Flowers" is a sadly beautiful, understated release. "Memo From Turner" is solid stones. "Wake Up, Niggers" vocal by the Last Poets, a powerful group whose street-idiom chants sometimes verge on cliché, but always pulse with gut-level core of Black explosion.

In general, *Performance* is a brilliantly presented amalgam of eclectic styles, fused by a barely restrained restless urge to an honest, flawlessly coordinated album well worth buying. I liked it, too.

Jon Post

SunflowerBeach Boys Reprise No. 6382

A poor album, unless you are sentimental about the Beach Boys, in which case you wouldn't want to listen with more than one ear anyway. The flavor of the album is indicated by the cover and inside art: blatant posing for natural, casual effect; a bit phony, and weak at that. Lyrics are naive and banal as ever, but the Beach Boys exuberant innocence sometimes carries the songs. *Sunflower* includes experimental derivations of Motown-raga ("This Whole World"), Blues-protorock ("Got to Know the Woman"), Guy Lombardo-Muzak ("Deirdre") and Nielsen ("Tears in the Morning") all of which are failures. While wandering aimlessly from monotone to sentimentality, several excellent cuts somehow emerge. "Add Some Music to Your Day" is a classic Beach Boy; "All I Wanna Do" is an unpretentious, well executed example of heavily electronicized back-ground. "At My Window" is a truly fine melody fused with genuinely good spirit. And the highpoint, "Cool, Cool Water" is in the best "Good Vibrations" tradition: risible lyrics ("in the ocean, or in a glass, cool water is such a gas!") and incredible, though slightly dated, contrapuntal effect.

In summary, an unsubstantial disk, occasionally smooth, but generally lacking initiative and originality.

More on ASCIT Finances

Continued from Page One

There are some organizations on campus with a substantial membership. These include the Glee Club, the Band, the ASCIT Musical, the *Totem*, and the darkrooms. In toto, \$2,750 is budgeted to these.

Clubs with lesser participation receive lesser support, though size is not the only factor in budgeting. Over a dozen clubs receive \$750, an average of \$62 each.

The next BOD is given \$1000 to hold it until 3rd term dues come in. One additional expense is an

\$800/year down payment on ASCIT's share of the Research Center debt.

Back to the Houses

So the majority of ASCIT's money is spent before it arrives. This year more of the dues is going back to the Houses than has been the case for any of the recent budgets. But I believe that the main things a Student Government does are independent of its funds. The Student Officers make a commitment, as do House Officers, to spend a large amount of time and effort representing their students. Getting seats on all Faculty Committees took no money. Our part in eliminating undesirable curricular and non-curricular requirements has cost nothing. Drafting and selling of the Independent Study Program, establishing a Parking Ticket Appeals Court, Teacher's Evaluations, lobbying for physical improvements in the Houses, revising the Honor System, starting a Caltech Intern Program in Business and Government, continually talking with Faculty and Administrators, and other such time sinks have all been free. But I think a structured Student Government is helpful in providing a framework in which to attach these kinds of things.

Mandatory?

ASCIT dues are automatic - at least on paper. This year at least one individual has refused to pay them. (He is not the first to do so.) The BOD has no intention of recommending he be denied graduation. Does this mean that dues are declared voluntary? No. It means that ASCIT won't screw someone for not paying. Though I can't speak for future Boards I imagine this will continue to be the case.

If individuals hold back their dues the *Big T*, *Little t*, *the Tech*, Athletic Awards, and the Social Program would have to be cancelled. The bulk of the clubs and organizations would be hurt or killed. But more important than this would be the dissolution of an effective student voice in running and changing Caltech.

The BOD is not ASCIT. "ASCIT" stands for the "Associated Students." Dues are not specifically funds for the BOD, but are contributed to a central pool for use by the entire student body. This year I think the budget (which is more than the dues because of outside support) is in the process of being spent fairly and well. We would love suggestions on how to allocate our money differently or not at all. Please bring them to us.



**Tomorrow
is
Drop Day**

KRLA PRESENTS FIRST L.A. APPEARANCE

DEREK and the DOMINOES

Featuring
**ERIC CLAPTON · CARL RADLE
JIM GORDON · BOBBI WHITLOCK**

SPECIAL GUEST STAR **TOE FAT**

2 SHOWS EACH NIGHT 7:30 p.m. and 11 p.m.

**SANTA MONICA CIVIC PASADENA CIVIC
FRI. NOV. 20 SAT. NOV. 21**

All seats reserved: \$6.50, 5.50, 4.50
Available at all Ticketron outlets, Wallich's Music City Stores,
Mutual Agencies, S.M. Box Office (393-9961), Pasadena Box Office (449-9473)

Produced by CONCERT ASSOCIATES A Filmways Company

WANT CONTRACEPTIVES PRIVATELY?

We believe you're entitled to your privacy when it comes to buying contraceptives. We're a nonprofit family planning agency and we offer you contraceptives through the privacy of the mails. We specialize in men's products (including two exclusive new European imports)—but we have nonprescription foam for women, too. And a wide assortment of books and pamphlets to answer your questions on birth control, family planning, the population problem and ecology. Want details? Write today:

POPULATION SERVICES, INC.
105 N. Columbia St., Dept. X2, Chapel Hill, N. C. 27514

Gentlemen: Please send me full details without obligation:

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

1/2 PRICE STEREO SYSTEMS

AT THE STUDENT CO-OP GARAGES

1/2 PRICE PACKAGE EXAMPLES

WHY?? BECAUSE: HOW COME???

- 1) WE BUY AS A GROUP DIRECT FROM MANUFACTURERS.
- 2) WE TOOK ADVANTAGE OF MANUFACTURERS' SUMMER-SLOW-SEASON SPECIALS.
- 3) WE DON'T HAVE EXPENSIVE FANCY STORES--WE HAVE GARAGES IN THE ALLEY.

<p>A. 75 watt Harmon Kardon FM stereo receiver, Garrard turntable, Pickering diamond cartridge, two acoustic suspension speakers, Harmon Kardon cassette recorder. REGULAR \$490.00 CO-OP 1/2 PRICE \$245.00</p> <p>B. Same as (A) but without Harmon Kardon stereo cassette recorder. REGULAR \$379.00 CO-OP 1/2 PRICE \$190.00</p> <p>C. 40 watt AM-FM stereo receiver, Garrard record changer, 2 walnut speaker systems. REGULAR \$271.00 CO-OP 1/2 PRICE \$135.00</p> <p>D. Garrard changer AM-FM stereo receiver, two bookshelf speakers. REGULAR \$180.00 CO-OP 1/2 PRICE \$ 90.00</p>	<p>REG. CO-OP PRICE</p> <p>Mitracord record changer complete \$140.00 \$76.00</p> <p>Garrard record changer complete \$ 53.00 \$30.00</p> <p>Koss stereo headphones \$ 25.00 \$13.00</p> <p>Pro stereo headphones \$ 50.00 \$25.00</p> <p>Concord 8 track stereo tape deck \$ 70.00 \$35.00</p> <p>12" 3 way speakers, walnut enclosure \$130.00 \$65.00</p>
--	--

70% OFF ON TAPE

Scotch lo-noise tape 2400' 10 for \$22; 1800' 10 for \$20; Scotch No. 150 tape 1800' for \$17.
Lifetime guarantee American cassettes: C60 10 for \$7, C90 10 for \$11.

AND MANY OTHER DEALS WE CAN'T LIST BECAUSE OF FAIR TRADE LAWS: EVERYTHING GUARANTEED!! COME AND FLIP OUT!!

UNIVERSITY STEREO CO-OP

<p>W. LA CHAPTER Back door of pink garage at: 3378 S. Overland, LA 34 839-2216 3 bldgs. S. of S.M. Fwy., Overland exit</p>	<p>S.F. VALLEY CHAPTER Garage in alley at rear of: Ho-Toys Restaurant at: 4626 Van Nuys Blvd., Van Nuys 981-1731 1 blk. S. of Ventura Fwy., Van Nuys exit</p>
--	---

MON-FRI 1-9 P.M., SAT. 10-5, CLOSED SUNDAYS

PDP Can Draw Pictures Graphics Terminal Added

by Philip Massey

For the past month a graphics terminal has been alive, living and drawing very pretty pictures in 105 Steele.

The terminal is a Tektronix T-4002 CRT, on loan to the Institute from Tektronix in the hopes of stimulating sufficient interest for a terminal to exist here on a more permanent basis.

If you've logged onto the PDP-10 System recently you've already read a system's note about the terminal. What you don't know, what you can't know until you've actually seen it work, is the great beauty of the device performing.

It draws pictures. *Pretty pictures.*

ures. *Very pretty pictures.*

It only works from a Fortran or assembler language program. The results are sufficient reason to learn Fortran even if you don't already know it.

It seems doubtful that the Institute will be able to keep the terminal when the loan is over in a few months because of financial reasons. Still, there's a chance that if there is sufficient demand for such a terminal that it will be retained on a more permanent basis.

If you want to know more about the terminal, see Steve Paavola in Booth 215 F.

He might even show you the pretty pictures.

Hillel Club Announces Infinite Activities

Tonight, at 7:30 p.m. in Winnett Lounge, Al Melman, Director of the Commission on the Middle East of the Jewish Federation Council, will give a talk on the background of the Middle East situation. Hear the history of a timely topic of current events from an expert.

On Friday evening, November 20, Moshe Keren will speak at the Westwood YWCA. The talk will be followed by creative services and Israeli dancing.

On the weekend of November 20-22, there will be a meeting at Camp Ramah with several Israelis, including the former ambassador to the U.S., the former commander of Israeli forces in the Gaza Strip, and Golda Meir's advisor on Arab affairs. The weekend is sponsored by the Jewish Youth and Young Adult Council. Cost for the weekend is \$7.50 including transportation.

The Caltech Hillel will be having a dance-party (not an Israeli folk-dancing session) on Saturday evening, December 5, at 8:30 p.m. A live band and refreshments will be featured. Further details will follow.

And of course, there is weekly Israeli folk dancing on Sunday evenings at 7:30 p.m. at the roof-top penthouse of the Business Services Building, with one hour of instruction followed by two hours of free dancing. Non-members of Hillel \$.25. For the dancing fanatics, there is also Israeli folk-dancing at UCLA on Wednesday evenings with the same format. Non-members \$.75.

Cross Country Finishes Fifth

by Martin T. Smith

The Caltech cross country team finished fifth in the S.C.I.A.C. Conference Meet Saturday at Whittier. Martin Smith took fourteenth, Gary Pope seventeenth, and Ratch Higgins twentieth for Caltech, with Al Kleinsasser and Tim Tardiff completing the Caltech scoring.

Despite Redlands' Adrain Jones taking first in an excellent 23:01 for the 4.7 mile course, with teammates Dan Riggs second and Don Isaack fourth, Occidental won with its overpowering depth. Oxy, led by Al Rude in third, also took sixth through tenth places for the win.

Team Results: (1) Occidental 33; (2) Redlands 54; (3) Claremont-Harvy Mudd 94; (4) Whittier 102; (5) Caltech 117; (6) Pomona 120.



audience

at the ahmanson

by Phil Neches

What happens when a twenty-two year old gentleman chases a forty-year-old lady? What happens when a fifty-year-old business man chases her seventeen year old daughter? Add to this a permanently drunk ex-husband and a grandmother pushing too hard on both her daughter and granddaughter, and you have the situation in *Forty Carats*.

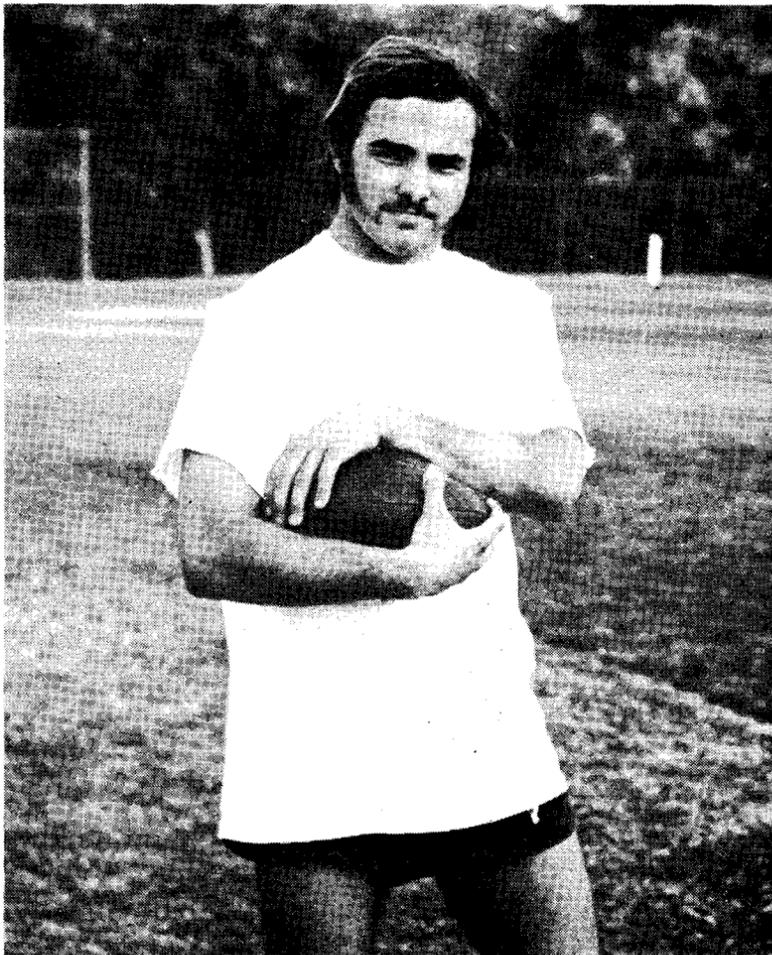
The play provides an evening of quite humorous entertainment. One cannot call the play great theater, however. The play presents no enduring themes, nor incisive commentary, but rather continuously funny dialogue and well-done farce.

The cast maintains a fairly high standard of acting. Barbara Rush (Ann Stanley, the forty-year-old pursuee) does quite well in her second appearance on the live stage after a long career with the celluloid media. Scott McKay plays the ex-husband with sufficient gusto to convey the notion that the character is a lush, without any allusion to this either in the action or the dialogue.

The program notes indicate that Stephen Collins (Peter Latham — also, he bears a marked resemblance to Robert Wagner) made his New York stage debut in *Twelfth Night*. *Forty Carats*, which has him as a 22-year-old millionaire in pursuit of a forty-year-old real estate broker, should be a natural after that.

Sylvia Grand (Trina) obviously is not the 17-year-old she is supposed to portray, but delightful anyhow. Audrey Christie (Maud, the grandmother) is excellent as an old maid who can never leave well enough alone.

Forty Carats does well at what it attempts to be: a pleasant farce about love across age barriers. An audience which expects more will probably be disappointed; an audience which seeks an evening's regalement will be well rewarded.



3-2-1 After an outstanding effort in last Saturday's game which resulted in his being named Player of the Week, sophomore Bob Bales faces his toughest test of the week. See him in action with his ball against USD this Saturday at 1:30 on our very own football field. —photo by Eaton

Classified Ads

FOR SALE

Lightweight motorcycle, ideal for student. 48 cc. Italian made, new. 100 miles/gallon, 39 miles/hour. \$150. 684-1365 or 466-5141.

HELP WANTED

TRANSLATORS with scientific training required. All languages and disciplines. Free-lance. Send resume to Box 5456, Santa Barbara, Cal. 93103.

SERVICES

Fowler Secretarial Service — 248-1492 — Specializing in: term papers and theses — IBM Selectric — math symbols available — rapid service — reasonable rates.

Crestline Cabins and Lodge for groups. Weekend and holiday reservations, call (213) CA 1-6849. Brookside Lodge.

TYPING, term papers, technical reports, correspondence and resumes typed in my home. IBM Executive Typewriter. Patricia Clabaugh, 792-1641.

You, too, can take out ads in the California Tech!!!! \$1.50 per inch plus 20¢ per extra line for Classifieds. Bring ad copy to the Tech office, or phone Caltech extension 2154. O.K.?

FRANK D. CLAY & SON



CAL-TECH STUDENTS AND EMPLOYEES!
For special consideration on your new Chevrolet Car or Truck ask for ERNIE HAYWARD, Fleet Manager, or JERRY SHEPHERD, general manager.

"SERVING PASADENA SINCE 1922"

2605 E. COLORADO BLVD.
PASADENA 796-2603



PRESENTS

Entertainment & Atmosphere

Designed for Caltech Clientele

WITH

Richard & Pepe on Stage

COCKTAILS — DANCING — & GAMES PEOPLE PLAY

953 E. COLORADO BLVD. PASADENA
RESERVATIONS 449-8391

POSTERS

Extremely Wide Selection
The Print Store, Inc.
1515 E. Colorado (Opposite PCC)
Open Evenings Till 10

DELIMEAT

KOSHER STYLE
Delicatessen
& Restaurant
LUNCHES DINNERS
CATERING
FOR ALL OCCASIONS
1770 E. COLORADO BLVD.
796-4373 Parking in rear
Nat Zatzkin



Scrumptious
STEAKS
Picayune
PRICES

"2 for 1"

The WESTWARD HO's Thickest Small Steak

Including soup or salad, oversized baked potato, and garlic toast.

Reg. 3.95

Present this ad and get

TWO DINNERS for the PRICE OF ONE!

Tax and tip not included

Good until Dec. 3

ENTERTAINMENT

DANCING

541 S. Arroyo Parkway — at California Blvd.

SY 5-5043

MU 1-8062

Second Class Postage paid at Pasadena, California. The California Tech is published weekly except during exams and vacation periods by the Associated Students of the California Institute of Technology, Inc., Winnett Center, 1201 E. California Blvd., Pasadena, CA 91109. \$4.00/year.