

The Apathy Syndrome

Well, it finally happened, or so the opponents of the nuclear power industry claimed last week. The ultimate disaster: safety systems at a nuclear plant failed to the point that a meltdown apparently began. Funny how that word seems to instill fear in the hearts of listeners. In the words of the screenwriter for *The China Syndrome*, it would render an area the size of Pennsylvania uninhabitable. So why is Pennsylvania still inhabited? Why isn't there a gigantic nuclear hot spot in that cradle of liberty? If this is "the ultimate disaster," what's so disastrous?

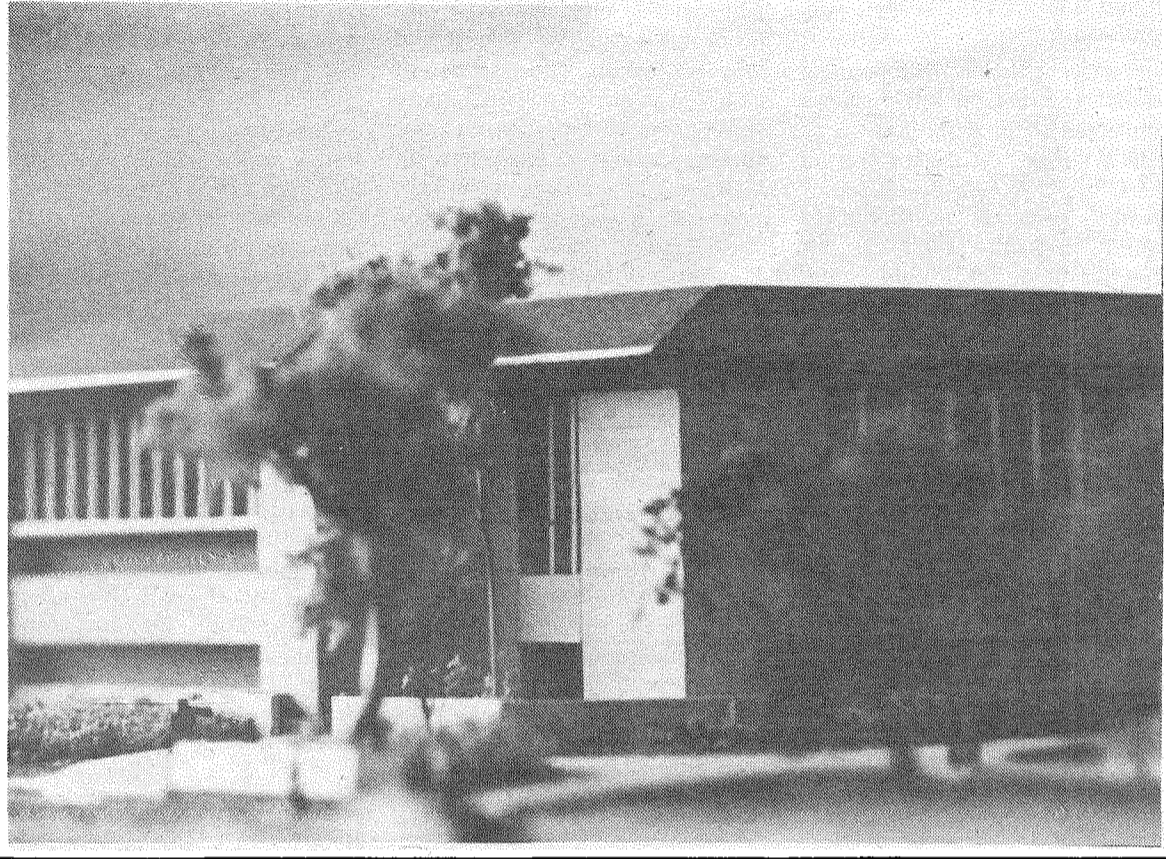
If it seems that anti-nuclear groups, in their eagerness to destroy the industry, drew their deadliest weapon without first checking to make sure that it was loaded. Why is it that this group wants to see the nuclear plants shut down so badly they are willing to try to build a major disaster from an accident that apparently caused less damage to life and limb than is caused by the coal industry every year? For some, the reason seems obvious; for example, the Congressmen from coal-producing states, or our own Governor Jerry Brown, who apparently saw the chance for a better chance at the Presidency (after all, if there really were a disaster in Pennsylvania, who's going to be the hero: the public spirited governor who saw an imminent danger to the public and closed down the nuclear plants in his state, or the Presidential incumbent with training in nuclear engineering who allowed the faulty plant to operate until it failed and took half of Pennsylvania with it?) Even if the California plants turn out not to have any of the defects that caused the problem with the Three Mile Island plant, Jerry can still plead overwhelming concern for the citizens of this state, despite the fact that those most likely to be affected by a failure have stated in public interviews that even with what happened in Pennsylvania, they will still intend to stay where they are, in the shadow of the Rancho Seco plant. But what of the well-intentioned protestors?

Perhaps the reason for them is best expressed by the attitude of the Middletown sheriff who declared that he was against anything he didn't understand, or by the residents of Middletown reported to be flocking to see *The China Syndrome*, some in order to "find out as much as they could about nuclear power." From a movie? From a film that admittedly took a composite of all failures which

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The Braun Lab Are Coming

Photos by Alan Loh



Pasadena BOD Vote Advised

by Bob Tajima

There will be a Pasadena City Board of Directors election this Tuesday, April 17. I encourage all Caltech people, and students too, to go out and vote. After all, Pasadena is your city.

I've had close contact with the four candidates in this coming election, because I interviewed them for *New Pasadena* magazine, a local "people's" monthly, and the *Chronicle*, a weekly published in Altadena. (For more information call the *Chronicle* at 798-8954 or *New Pasadena* at 794-9686.)

For the District 1 seat, John Crowley, mild-mannered, reserved, analytical businessman, faces Lois Richard, an exuberant, earthy, fluid-but-firm administrator. Both candidates have adopted moderate views. However, they have distinctly different personalities.

I feel that both candidates are well qualified, but after a lot of consideration, I'm going to vote for Lois Richard. She is the head administrator for the Northwest Pasadena branch of Project Head Start which is a federal program for disadvantaged youngsters. She has served on various city commissions and committees in Pasadena including the Resource Allocation Committee which acts as advisory to the usage of federal Community Development and Block Grant funds.

Crowley's experience has been mainly with the business end of city government. He was City Manager of Monterey Park and a professional consultant to Southern California cities. In Pasadena, he has served for various cultural organizations.

At this point in time, I think it is most important to move the people towards greater involvement in local governmental issues. The business establishment has been the controlling interest group in Pasadena. They have made some significant economic contributions, but since decisions have been made in the hands of only a few people, the net result has been a distancing of the people from the political process. According to Richard, "It's the same people who rotate through the various city commissions and

committees."

So in Pasadena, projects have been undertaken without regard to their full consequences.

I favor Lois Richard because I believe she has closer ties to the people, especially the poor, who have very little representation in city government.

In District 2, Attorney Stephen Acker, a young full-speed-ahead capitalist, faces Reverend Morris Fisher, a young-at-heart cheery-faced

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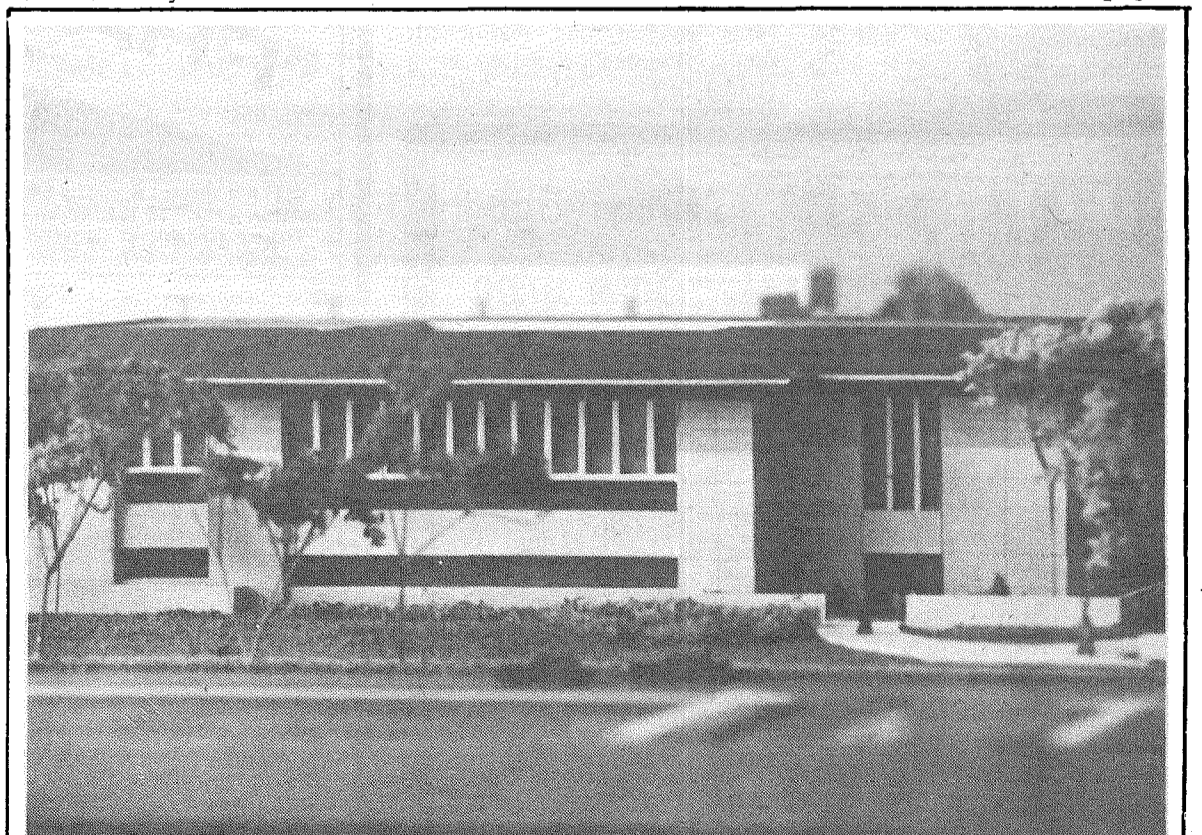
Caltech Libraries Get Help From Friends

by Chris Juten

Last Thursday, the new Friends of Caltech Libraries held its introduction banquet at the Athenaeum. The banquet was the first in a series of programs which will be held for the benefit of members of this new organization. This luncheon was highlighted by the witty remarks of Jack Smith. Future speakers will be Jesse Marlow, Channel 4 anchorman, who will speak about books and television; and Dr. Kevles, a Caltech prof, who will detail the writing of his recent book *Physicists in America*.

These attractive programs are intended to draw new members to the fledgling fund-raising organization. The organization is broadly based upon the Friends of Beckman, which has been highly successful in its fund-raising efforts. The group is operated by a faculty committee headed by Honorary Chairman Grant Dahlstrom. Johanna E. Tallman, Director of the Caltech Libraries, and Ned Munger, Professor of Geography, have both helped coordinate the project between the Library and the Humanities department. The other members of the organizing committee are Judith R. Goodstein, Institute archivist; Gerard Stumpf, of Hunter's Books; and Charlene Bladwin, a librarian at Tetra Tech, Inc.

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Artist's conception of what the new Braun lab will look like if it is built six inches tall.

LETTERS

Agent "36" Betrays Trust

To the Editors:

I read John Avery's editorial topics last issue with eager and reckless abandon early Friday morning, mellowing to the gentle strains of "Welcome Back My Friends," and in general, communing with the organic cosmos. Midway between Tarkus and First Impression, the most incredible beam of knowledge pierced the gathering cobwebs of my mind and smote my very essence of being with an incredible revelation. Whether he realized it or not, Mr. Avery has established the outline for the transformation of Caltech into an autonomous community answerable only to itself. I, what method is this marvelous feat of skill, legerdemain, and all-around derring-do to be brought about? Avery's subtle hint rears its head in editorial topic No. 12 (such an innocent, innocuous number!) having Caltech secede from the Union. Relieved of the burden of Federal rules, regulations, and other nasty grimy details, Caltech will be destined to assume the leading role in world politics.

This idea should appeal to every member of the Tech community with the possible exception of a cretinous troglodyte here and there. I mean, hasn't everyone at one time wanted to RF say, France? Who bothers with San Marino when you can steal every barber pole in Somalia, build bonfires in front of the Taj Mahal, and replace Soviet propaganda leaflets with 450,000 little cards that say "sin²θ is odious to me"? Being a resident of Georgia, CSA, I am somewhat familiar with the techniques of secession from any fascist repressive regime. Apparently John Avery is also, for he mentioned something which will greatly facilitate the maneuver—editorials 19 and 24, establishment of a nuclear munitions depot at Caltech. In

the event that it becomes necessary to dissolve the political bands (tan-ta-ra!) which have connected them with another, to coin a phrase, i.e. declare war on the U. S. of A., our possession of several megatons of firepower would probably serve as an effective deterrent. Would Nixon have bombed Hanoi if he knew that the moment he issued an order Yorba Linda would have been vaporized? A modest ICBM capability would also be nice to throw around, thus bringing the world grovelling before us, abasing themselves at our feet, licking the chicken droppings from our blackened boots... Power can be intoxicating!

Continuing in the general scheme of things, a list of the priorities of several targets is in order at this point.

1) NORAD—rather than wasting good bombs on the mountains covering it, perhaps some of the physics trolls could drop a small artificial black hole down a ventilation shaft and just spit the whole kit and kaboodle out of a quasar halfway across the universe.

2) Massachittic Institute of Technology—need there be any more explanation for the removal of this black hair on the eyeball of society?

3) (Yerkes Primate Institute was originally supposed to go here, but I detest guerilla warfare.) Toledo, Ohio (and so to the dogs...)

4) SAC.

I didn't include Washington DC in this list of primary targets because they'll probably do themselves in. Besides, if we sneak a 10-megaton device into the Kremlin and set it off, our fiends, er, friends in Russia will probably save us the trouble. (This is just one reason for taking Political Science as a Humanity.)

It is conceivable that our normal channels of food supply might get cut off for a period of time. The French have a saying—"Cette nourriture a la saveur du merd," which roughly translated, means "making do or do without." I had considered making California a satellite nation and letting the state provide us with food, but Mr. Avery has far outdone me with editorial 22, replacing Saga with Soyent Green. This is a superb way of making effective use of the aged, infirm, and incompetent. Of course, the turnover rate for frosh is a bit high, but then, how often have you sat in your room saying "gee, I could really use a frosh, hot apple turnover right now?" See what I mean? I doff my hat to your inventive genius, Mr. Avery.

This is just a parenthetical to the Tech staff, and probably shouldn't be in such a pragmatic article as this, but why not move the Tech offices to the steam tunnels? Not only would you have an excuse to air-condition the tunnels (editorial 34) but it would be in the finest tradition of underground newspapers.

Back to the subject (and back to the wall). Some of the advantages of this arrangement, especially if strengthened by the establishment of a police state, are not immediately apparent. One of the most obvious is that solutions to on-campus problems could be implemented quickly without endless boondoggling, especially if we set up a police state. I believe John Avery had this in mind when he provided the following possible faults with Caltech. Allow me to illustrate quick, painless solutions that could be brought into use.

Editorial 3—there is too much pressure for undergraduates to take leaves. Solution: defoliate the Olive Walk. With no leaves left to take, students may start branching out into other areas, but I am not going out on a limb

to say that some good old-fashioned oppression should chop out the problem at the roots. [what a sap—eds.]

Editorial 15—Moralize tobacco. How: simply have a mass sterilization program. Give all male tobacco plants immediate vasectomies. I shan't delve into the female plant problem for lack of space, but Ned Munger has written an excellent pamphlet on the African solution to the problem, and I strongly urge you to get it and read it.

Editorial 31—Ban nuclear testing in the infinite storerooms. With the old system, you'd have to go through Gang, Ray Owen and who-knows-who-else before you go to Murph, who would point out to you that Princeton (No. 5 on the list of targets) tests nuclear weapons in their steam tunnels, and then would send you on your way. With the new Dictatorship of Caltech, simply require instant decapitation for anyone detonating thermonuclear devices in the steam tunnels.

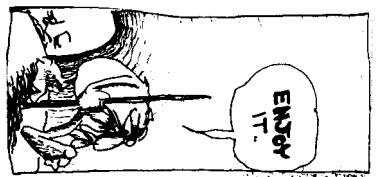
Editorial 39—Rename Millikan from the top down. Under the old regime, it would take B&G weeks (months, perhaps even years, since they haven't done it yet) to change all

the elevator buttons. How much simpler to simply invert the building.

Well, I hope y'all got the general shape of things. I must make it clear—I am not the one to talk to about this. As was clearly evident in the body of this article, John Avery is the creative genius behind this plan, and if you wish to add a detail here or there, or simply be among the elite class after the establishment of the police state, he is the one to see, not I. Unfortunately, I have been accused of putting Saga in Admiral Turner's belongings, and must fear for my life from the CIA. Thus I sign by that Gnome Da Ploom known only to my innermost associates.

—"36"

[If you think that this disgusting piece of public ass-kissing wins you a place among the "elite," guess again. But write again real soon, y'hear?—j.a.]



Cinematech
Saturday 7:30
Baxter
Techers \$1
Others \$2

Lawrence of ***
***** Arabia
* 3½ hour uncut version
Next week:
Gone with the Wind

CALTECH PRESENTS

Spectrum Production 18

Racine's
"PHAEDRA"
a savage tale of guilty passion
(performed in English)

FRIDAYS & SATURDAYS, 8 PM
APRIL 20—MAY 5
RAMO AUDITORIUM

CIT/JPL faculty & staff: \$4.95 Gen. Adm. CIT students \$4.40 or RUSH TICKETS (\$2.00) on day of performance, if tickets remain. Tickets available at Caltech Ticket Office (332-92) at Michigan & Lura St. Phone ext. 1652 for VISA/MC orders.

SPONSORED BY THE CALTECH FACULTY COMMITTEE ON PROGRAMS

The Caltech Y.....fly by

Friday, April 13, SIGN UP for a trip to Occidental College to see YAKSHAGANA on Saturday.

Saturday, April 14, TRIP TO YAKSHAGANA, a colorful, exciting South Indian ritual being performed at Herrick Chapel, Occidental College. Meet behind Winnett at 7:00 pm. Cost \$1.50

Saturday, April 14, DAY HIKE to Smith Mountain. Meet behind Winnett at 8:30 am.

Saturday, April 14, CINEMATECH presents LAWRENCE OF ARABIA in Baxter Lecture Hall at 7:30 pm. Donation: \$2.00 general; \$1.00 ASCIT members.

Wednesday, April 18, UPDATE NOON DISCUSSION SERIES with Dr. Sunny Chan, Professor of Chemistry, Physics, and Biophysical Chemistry, speaking on "Nature's Catalyst for the Reduction of Oxygen to Water." At noon in Clubroom 1. Bring a lunch.

Wednesday, April 18, CAREER COUNSELLING SEMINAR on Management in the Government and Private Sector with Mr. Robert Perpall '56 Chief of Heat Transfer Products, AiResearch, at 7:30 pm.

The California Tech

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ASCIT *** Friday Night
*** MOVIE 7:30 & 10:00

ASCIT Members 50¢ Others \$1.00
Baxter Lecture Hall

THE MAD ADVENTURES OF "RABBI" JACOB

Next Week SILVER STREAK

Library Friends

from page one

The group has already raised over \$3000 of its \$100,000 goal. The group accepts memberships of individuals (\$20, or \$50 sustaining member) and business organization members (\$100). Large corporations are encouraged to donate larger sums of money. And, all are invited to donate new or used books for the library's annual book sale. The new membership response has been phenomenal so far: more than twice the anticipated number of people responded to the initial membership solicitation.

The members obtain several benefits from membership in the Friends of the Caltech Libraries. As mentioned above, regular luncheons with special programs will be held for members. Members will receive a special preview of the merchandise at the annual book sale. Members also have the privilege of using the library during regular business hours. And, of course, members obtain the feeling of satisfaction at having helped the library.

The money which is raised by this program will be used for several rather unique projects. One proposal has been to install computer terminals in the student houses which would act as a remote author index of the libraries' holdings. Another important project will be to expand the oral history collection of the Caltech Archives. This will entail interviewing and recording noted Caltech personalities. This latter program has received very little funding in the past. In general, the funds will be used to benefit the entire Caltech community. Student membership and book donation is, of course, strongly encouraged.

CINEMA - TECH NEWS

by Sangtae Kim

After the absence of one term, Cinematech was temporarily revived last term. The problems that stalled Cinematech during the first quarter (lack of student support, half-hearted management) struck again, and the venture was short-lived.

Despite these setbacks, a second attempt to resurrect cinematech is on the way. Headed by Alan Loh, and including Pam Logan, Walter Coole, Steve Smith and Larry Zwick, all from Dabney, this group ends the Blacket dynasty.

The tentative schedule includes: *The Music Man*, *The Point*, *The Wizard of Oz*, *The Bridge on the River Kwai*, *On the Waterfront*, *High Noon*, *The Thin Man*, and *All About Eve*.

ASCIT Goes Cinematech

Alan Loh and Jim Meador finished off a glorious year by returning \$1200 of the +3000 allotted for ASCIT movies (translation: ASCIT subsidized to the tune of \$1800). Moving on to bigger things (see Cinematech article), they left John Zingman (actually he was elected) to keep things rolling.

Recovering from a frustrating year with Cinematech, Jon has relieved himself by Cinematechizing the ASCIT movie. His intentions seem noble: "...to bring culture to the Caltech campus," but are suspect: "...schedule will be much better next year...."

Fisher

from page one

populist. In this race I feel that the choice is clear: vote for Fisher.

Fisher has been a director for only 18 months and already he has built a reputation as being the board's activist. I've been to several City Board meetings and have seen him in action. He's impressive. He's very critical of the city government establishment and doesn't let monetary appropriations slip by without questioning. For example, he's currently investigating the city's use of consultants, who typically receive from \$65 to \$100 an hour; and the Pasadena Redevelopment Agency's use of HUD funds for condominium development.

I don't get the impression that Acker knows too much about the community, except for his business associates and his legal aid clients. He's pretty smart and energetic, but grossly inexperienced.

16th-century Hindu Epics

YAKSHAGANA

by Samin Mithani

On Saturday, April 14, 1979, the Caltech Y will be offering the community a unique opportunity to get acquainted with an age-old South Indian ritual. Yakshagana, or, "the song of supernatural beings," is an exciting, colorful and dynamic dance-drama portraying the traditional Hindu epics, such as the *Ramayana*, the *Mahabharata* and the *Bhagavata Purana*. The performance, to be held on Saturday evening at Herrick Chapel at Occidental college, is one in a series given by a professional dance troupe from India now on a tour of the United States and Canada.

Yakshagana is believed to have originated in or about the 16th century AD in the district of South Karana in South India to provide a lasting preservation of religious philosophy. Basically, it is built up along the line of righteousness and deep religious philosophy and involves a clash between the forces of virtue and evil in a mystical setting; mythical characters from the epics are depicted colorfully and the story progressed by songs and dances until the forces of virtue triumph after a long and bitter struggle. Exquisite footwork and incredible body shifts, spins, and turns, all in harmony with the beat of the drums, are an integral part of the whole performance. Although the drama as a whole is a homogeneous presentation there are frequent interruptions by other performers illustrating rustic humor and impromptu events.

What makes this particular

performance unique is a lecture/demonstration illustrating the actual make-up techniques employed by members of the group. To give an example, the tying of the *mundasu*—a sort of turban—on the head of the demoness *Surpanakhi* is a process worthy of awe. The performer's shoulder-length hair is tied in a bun on top of the head and both the bun and head are tightly bound in cloth. A tube of sorts is secured to the head and the bun by means of strings. Numerous tubes are tied in a similar manner until the structure rises to a height of two feet above the head. Various colored ribbons are then wrapped around these tubes and silver and gold ornaments are added to the hair is tied in a bun on top of the head and both the bun and head are tightly bound in cloth. A tube of sorts is secured to the head and the bun by means of strings. Numerous tubes are tied in a similar manner until the structure rises to a height of two feet above the head. Various colored ribbons are then wrapped around these tubes and silver and gold ornaments are added to adorn the structure. The performer then follows with plaster and paint on his face to finish the make-up.

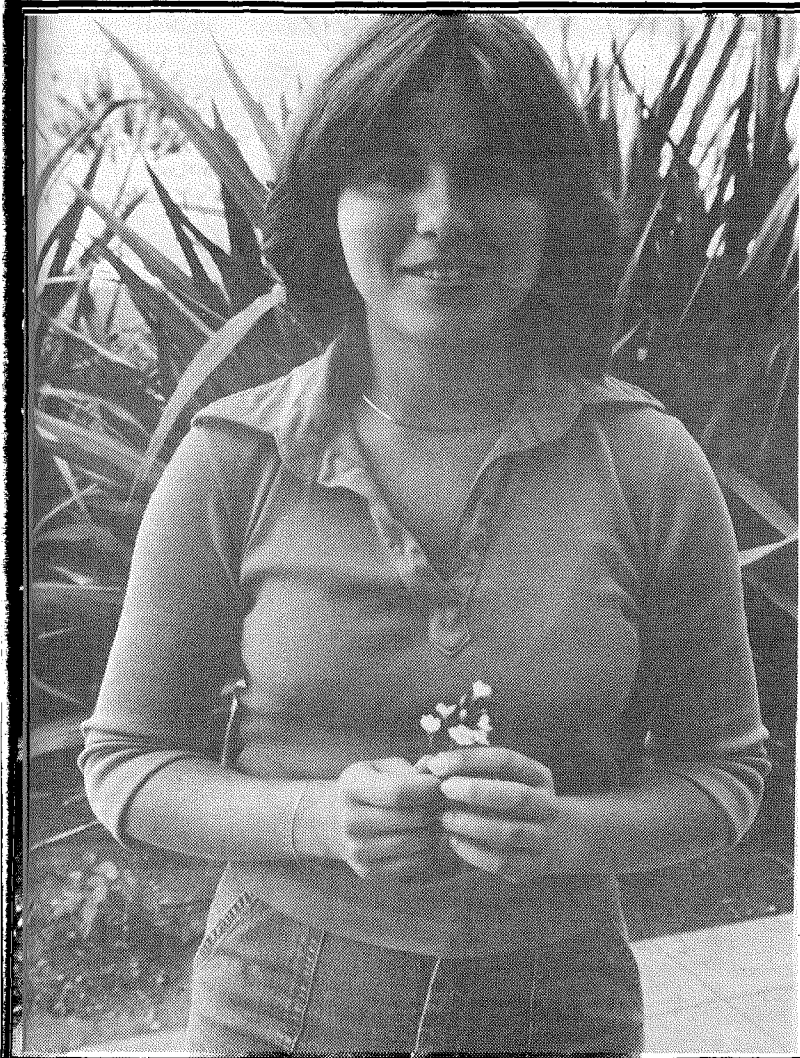
These and other magnificent sights await you. As usual, the Y will provide transportation and also pick up half the cost. The cost is only \$1.50. So sign up in the Y office by Friday NOON and meet near Winnett at 7:00pm on Saturday evening. Hope to see you there!

In case you've missed the posters, the schedule for this term is:

- April 13 *The Mad Adventures of 'Rabbi' Jacob*
- April 20 *Silver Streak*
- April 27 *The Outlaw Josie Wales*
- May 4* *Z*
- May 11* *A Wedding*
- May 18 *"Oh God!"*
- May 25* *Doc Savage, Barbarella*
- June 1 *Fillmore*

(*—Definitely Cinematechish)

The schedule could be much better next year, especially if ASCIT comes through with the \$6400 proposed budget.



"Hi. I used to have nothing at all to do with *The California Tech*. In the past, those people were the type that you never wanted to be seen with in public. You certainly never wanted to meet one of them late at night in a dark alley. But times have changed and *The Tech* has grown up. They are having a staffing problem right now and needed some way of attracting your attention so you could be coerced into giving up some of your spare time to work on *The Tech*. Unfortunately, the spokesman the paper used to have saw UASH once too often and is now making big bucks in Dallas. Out of sympathy, I decided to do my part for *The Tech* and take over as spokesman. So, I'm taking this opportunity to get all of you to hustle on over to Room 107, Winnett Center Center, and tell the kind, sweet people there that you want to work on *The Tech*."

Book Reviews

For Real Film Buffs

Every once in a while you see one of these books on a newsstand or bookstore shelf: a quiz or trivia book proclaiming itself to be *the* definitive quiz book on its own subject. Usually, said quiz is a cutesy rehash of things that either: a) anyone with half a brain and any casual experience in the subject area knows; or b) things that no one cares about anyway.

Halliwell's Movie Quiz (Penguin, \$2.95), by Leslie Halliwell, states in the forward that "the complaint of real film buffs is always that they (movie quizzes) are too easy. Well, here's one that isn't." I must admit that Mr. Halliwell is correct. This quiz is not easy. It consists of somewhere around 3500 questions of varying difficulty, supposedly ranging from "Easy" to "Difficult" by section. In practice, only a real film buff will be able to answer enough of the "Easy" questions not to be embarrassed.

Questions such as: Who was D. W. Griffith's chief

cameraman? are considered easy enough to be in the Opening Test Paper (Easy) quiz. I admit that some of the questions are legitimately easy, but not enough to matter.

Most of the quiz book consists of questions ranging from slightly to extremely difficult. This is good if you happen to be an *extreme* movie buff, because it presents something of a challenge. However, if you just happen to like to watch late shows, you will be hopelessly lost in this book.

Which brings us to the primary flaw of the book. You will *literally* get lost while attempting to find the answers unless you take all of the quizzes (yes, all 3500 questions) in order. Most of the quizzes are not numbered, there is no index or table of contents, and the answers are all in one section in the back, grouped by individual quiz. These quizzes are not numbered, but NAMED. I found it possible to find answers only

by counting forward or backward from quizzes based on movie posters. Finding the answers is only slightly easier than taking the quizzes.

If you're up to meeting these challenges, I highly recommend *Halliwell's Movie Quiz*. It's a great way to learn that you really don't know as much as you thought about movies, and a treasure-trove of movie trivia. I mean, how else are you ever going to find out just what Glenn Strange, Kiwi Kingstone, and Bela Lugosi had in common?

—Nick Smith
[That's easy—they all have an 'e' in their names except Kingstone—the eds.]

Wargamer's World I, II, III...

DAW Books (the initials stand for their editor, Donald A. Wollheim, by the way) has a history of publishing series of books rather than individual novels. I mean, they publish the annual *Gor* novel by John Norman, they publish the *Scorpio* novels by Alan Burt Akers, they publish the *Dumarest* of Terra books by E. C. Tubb,

ad nauseum. So I wasn't too worried when they announced yet another series, loosely called 'Magira'. I figured I would pick up the first book and see what this one looked like. On the off chance that it was good, I would read the rest as they came out, once or twice a year.

Wargamer's World proved to be a reasonable book, written by an author named Hugh Walker and apparently translated from German. The premise was that an inveterate wargamer got dragged into the world of a fantasy game he was playing. OK. That premise had been used before in this country, but apparently not before the German edition of this book came out. Anyway, the entire problem with *Wargamer's World* was that the entire book read like a 150-page prologue, and it was one.

Book II of *Magira*, *Armies of Darkness*, proved to be a quite readable fantasy that barely mentioned one of the main characters from the first book. Book II came out very soon after Book I.

Book III came out a mere two months later, and it finally dawned on me that *nowhere* did it state in these books just how many more were to come, and that the things were being printed as quickly as they were being translated from the

German. Book III, *Messengers of Darkness*, continues with the plotline to some extent, but introduces far more loose ends than it ties up. Hopelessness begins to set in. This isn't a fantasy series, it's a chain letter.

One very real problem with the *Magira* series is that someone is being unkind in the packaging of the books. The first book has a local map of the area in which the plot takes place. The second book has a map of the world in which the stories take place, also giving an idea of what the game board must have looked like. The *third* book does finally get around to giving a glossary of some of the more obscure swear words and other useful words previously unintelligible, unless you happen to have a *Wolsany/English* dictionary (I don't).

Anyway, the *Magira* series is largely straight sword and sorcery stuff, with a definite "we're trying to save the entire known universe" tinge to it, but Hugh Walker apparently never learned to get to the point. Any point. In the middle of one of the crises, one of the main characters gets into a 50-page subplot that apparently has *nothing* to do

continued
on page 5

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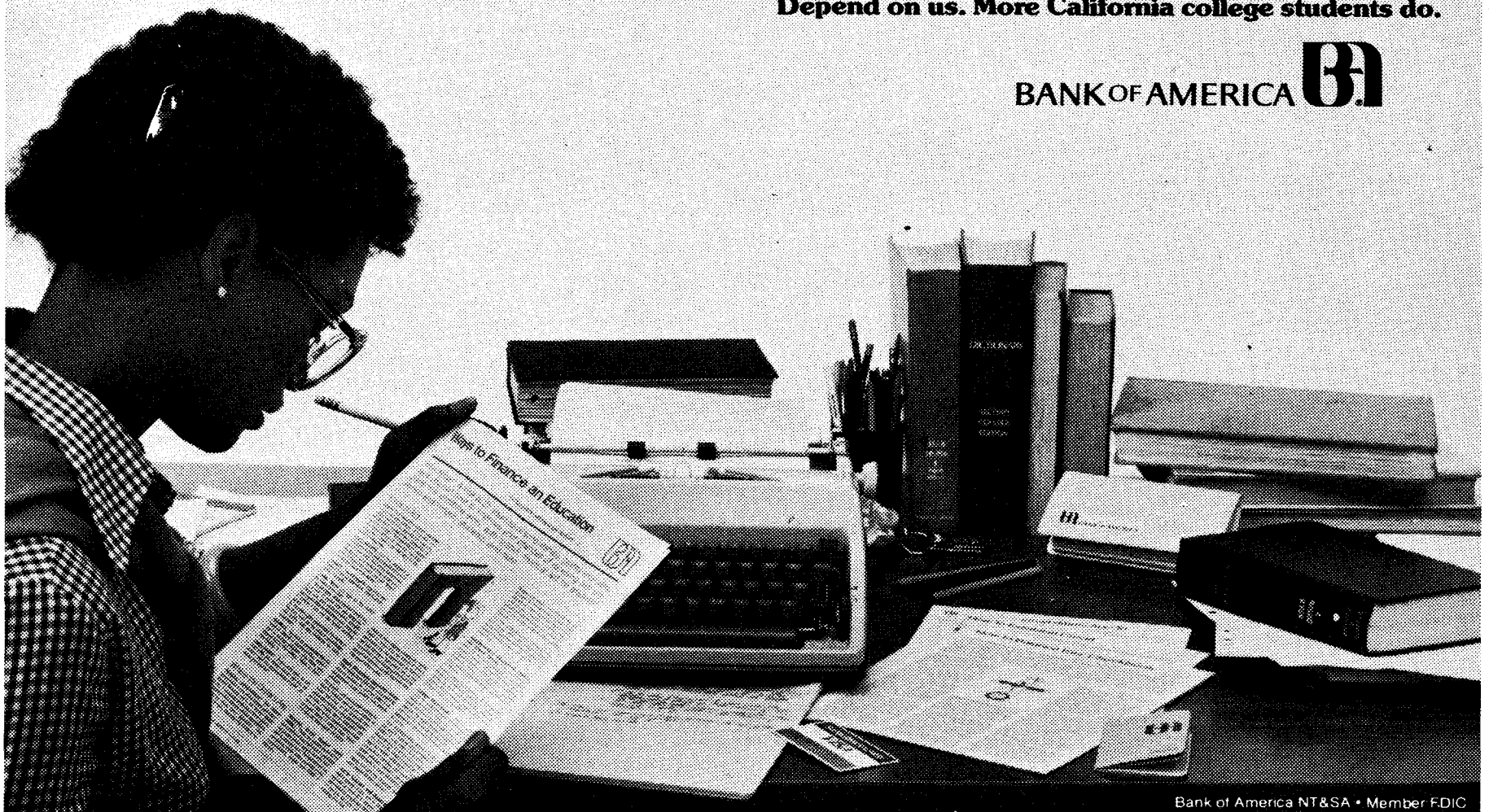
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Random Numbers

No, I didn't write the editorial last week and Avery didn't write my column. I will say, though, that I wish I had written that editorial and, in a fit of creativity, I have decided to write an editorial reply and mention a few things that I feel should be included.

Nope, there ain't enough parking near the student houses. And while the Ath lot is always available, it can sometimes get very expensive to part there. too bad we need all our housing next year, otherwise . . . well, I'm sure you get my meaning.

Who is underusing Pass/Fail grading? I'm certainly not the only one using it to avoid flaming out.

Yes, there is too much pressure to take leaves; it's called academics.

Humanities? Aren't those a collection of small islands in the South Pacific?

If there were real books at Millikan, who would have time to read them?

Tech editors aren't paid real money because Monopoly money is worth more these days.

Selling ID numbers, well, I don't know. But I am curious, just who is 00001?

We could revamp the Tech/Oxy exchange but it probably wouldn't be worth the trouble considering what Oxy would give us in exchange for a few random Techers. Let's face it, what would you give for a few random Techers?

Why pick on Oxy? Just how long has it been since you've seen a woman?

Letting UASH faculty members be student-elected sounds perfectly reasonable. How come it doesn't work that way already?

Please, let's not replace Food

Service with a McDonald's; at least now we have a choice between rhino and horse and shoe leather. At McDonald's, you can only eat beef or fish.

Why secede from the Union? I'm not sure that we are even a part of it.

Why should just the TA's be allowed to use handicapped spaces? All Techers should be able to use them. The mentally debilitated deserve consideration, too.

Pensions are a nice idea. I mean, after all, B&G just doesn't have enough jobs for all the flamed Techers in the world.

Moralize tobacco. Huh? The student houses aren't air-conditioned because the people who buy such things work in air-conditioned offices and have air-conditioned cars and houses. They may not even be aware that summer has arrived until everyone leaves.

A sense of humor for the Annex is a fine idea. We can hang it right beside the rape button.

"Kiss a Flem" day; well, only if you find me a female Flem.

And just what made you think that Caltech isn't the eighth nuclear power already?

Relocating the student houses to San Marino; just why do you think that Caltech became the eighth nuclear power? Now we can relocate the student houses to San Marino, West LA, Altadena, Tucson, Las Vegas, and Novosibirsk, USSR as well.

don't think we should replace Saga with Soylent Green. I think we should stay away from food services that begin with S. Besides, the average Techer doesn't taste any better than the average rhinoceros.

If we are going to have a restaurant on top of Millikan, the food had better be good because

Pasadena has about three clear days each year and no one's going to go to the top of Millikan just to see a whole bunch of brown clouds. Besides, who wants to eat on top of a giant phallic symbol? Like I said, the food had better be good.

A n o n - c a m p u s grocery/hardware store, and an optometrist would be handy. Whatever gave you the idea that the munitions depot isn't here already?

Sever diplomatic ties with Liechtenstein. Why? After all, we are bigger than they are.

Nothing is wrong with a 24-hour flame-out hotline except that anyone who tried to set up and run such a thing would flame out.

More indoor sprinklers, especially if they sprinkle beer.

I don't know if I could survive any more social life, but I'm willing to try.

More pork in the beans? Do you mean that was pork?

I am in favor of establishing diplomatic relations with the Annex, especially if I get to be the Ambassador.

We won't be doing any more nuclear testing in the infinite storerooms anyway. We have the bomb already and even if it

doesn't work, who'll be around to care?

If we can't rent Millikan out to Bud, maybe we could rent it out to Trojan's. [ed. note—I suppose that would make it a condominium?]

When Voyager gets recalled, who gets the little card and who sends it in the first place?

In addition to being air-conditioned and dusted, the steam tunnel ceilings need to be raised so people don't hit their heads so often and all those pipes and wires need to be removed.

If we replace gravity with levity, all those physicists would just sit around and think up a whole bunch of new formulas and we'd all end up having to go through Physics I again. It's a great idea but it would cause more trouble than it would be worth.

Prayers? At a place where you swear with your left hand on Vols. 1,2, and 3?

Replace profs with TA's and who'd sign all the drop cards? There would also be a lot more insomnia around here.

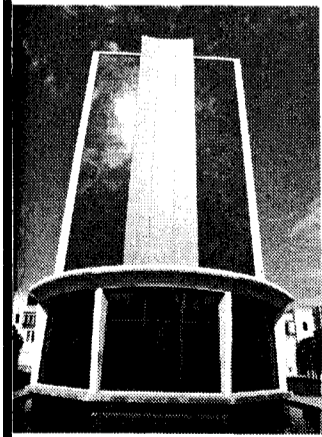
Don't renumber Millikan from the top down. I have enough trouble finding things in there already.

A Chem Lab/Student House shuttle? What? Are you trying to spoil my perfect record of being late for every one or something? Besides, I'd probably miss the shuttle anyway.

Well, it is somehow appropriate that a large screw appeared upon Caltech's largest phallic symbol last week. You may laugh but I haven't been able to walk past Millikan for a term and a half and still keep a straight face. It isn't the tallest thing on campus for twenty years for nothing. While the small trace of modesty that I still retain after being here for a while prevents me from continuing in such an explicit fashion, I will suggest that anyone who doubts my veracity take a good look at Millikan some day with my interpretation in mind. It's amazing what you can do with architecture, isn't it?

Well, that's about enough for this week and even though I've never before let having said too much stop me, there is a first time for everything. Besides, the Editors are getting bloodthirsty lately in their search for copy and this is due five minutes ago.

—Duncan G. Mahoney
[. . . sounds pretty random to me!—eds.]



Artist's conception of what the $\gamma\delta\beta\gamma$ screw would have looked like if the pranksters had forgotten to put it up.

Argames from page four


with the main goals of the good days. He just got sidetracked that 'he' refers both to the character and the author).

I may have a further report on these books if the series continues, but at present, I recommend these only to people who don't mind frustration in their reading, since readers of these books will want to strangle the author long before the series is completed, and I'm afraid one of them might succeed, and then we'll never know how it comes out.

—Nick Smith

C'est Si Beaux


The Beaux Arts Trio will be appearing at Beckman Auditorium next Tuesday evening, April 17, at 8 pm. The trio consists of pianist Menahem Pressler, violinist Isidore Cohen (formerly a member of the Juilliard Quartet), and cellist Bernard Greenhouse (a pupil of Pablo Casals). They will perform works by Mozart, Ravel, and Schubert in this Coleman Chamber Music Concert. Admission: \$8.00-7.00-6.00-4.00 (students \$2.00 off). Tech students should phone the Ticket Office for a special ticket price (x1652).



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NUKES

from page one

have occurred in nuclear plants in this country for the entire period in which they've been in operation, and still had to, in all honesty, have the movie end without any lost life or limb, and yet still remained alarmist? And what of those who are afraid that the NRC and the utility are afraid that they won't be able to understand the technical details enough to make a rational decision, and so conspire to withhold information? The NRC and utility who admitted to the possibility of a meltdown even when it was considered to be an extremely unlikely prospect only to see the possibility advertised in banner headlines and the estimates of likelihood buried somewhere after the third page jump? The "conspirators" who informed the press of a gas bubble containing significant amounts of hydrogen and oxygen only to see headlines declaring that there was now a "Potentially Explosive Hydrogen Bubble" in the reactor, often without even a mention of the fact that hydrogen and oxygen concentrations were well below the explosive levels, and the fact that the bubble was being reduced at a rate which would never permit these explosive levels to be released?

No, the reason for their panic seems to be a paranoia instilled by the press in their search for headlines that will sell papers or draw sponsors, combined with a seemingly instinctively exaggerated fear of anything that is both dangerous and invisible. As the level of technology visible to the common man has increased, so have the myths he invents to go along with it. You must remember back when the Apollo program was active how there were lunatics all over the place who claimed everytime anyplace had a fit of bad weather that it was the fault of a space launch, even if it had been months since any such launch had occurred. Perhaps you even remember, as I do, some of the really radical paranoiacs who predicted the end of weather as we knew it with the first landing

of an artifact of terrestrial origin on the moon. And don't forget another movie released recently which used as its hypothesis the notion that the anti hrist was somehow a computer. There you have it, a creation of man becomes the embodiment of a 2000-year-old myth.

By now, you may be wondering what the point of this article is. It is simply that, as the technological elite, we are faced with a choice: either we find some way to educate the masses and help them to live with the technology that we have created, or we wait for them to blindly tear it down. Have you ever asked yourself why a protestor at a nuclear plant is not content to picket outside the plant but must instead scale the fence? What can he possibly do inside the plant that he can't do outside it? The only thing I can see is that he can disrupt its operation. What difference does it make if he is actually successful and manages to cause a failure causing hundreds or perhaps thousands of premature deaths, as long as he has his chance to strike a blow against that mechanical monster that he is no more prepared to understand than to build?

So get off your ass! If you think a controversial bit of technology is unduly dangerous, make yourself known; if you think that the dangers are overrated, make yourself known. Silence invites disaster. If a technology is to be stopped safely, then it must be by those who understand it; if it is to be continued, then it must be with the consent of those who live with it, and that consent must be informed. Write your congressman; he doesn't know any more about any technology than you do, in all probability. To let him and the rest of your fellow citizens continue to be uninformed or misinformed is to allow them to make important decisions without even the least knowledge of what these decisions mean.

Would you let your next-door neighbor back home run a nuclear power with the training he has now? Then why will you let him decide whether or not it should be run at all with his knowledge of its benefits and dangers?

---Carl J Lydick



Photos by Alan Loh

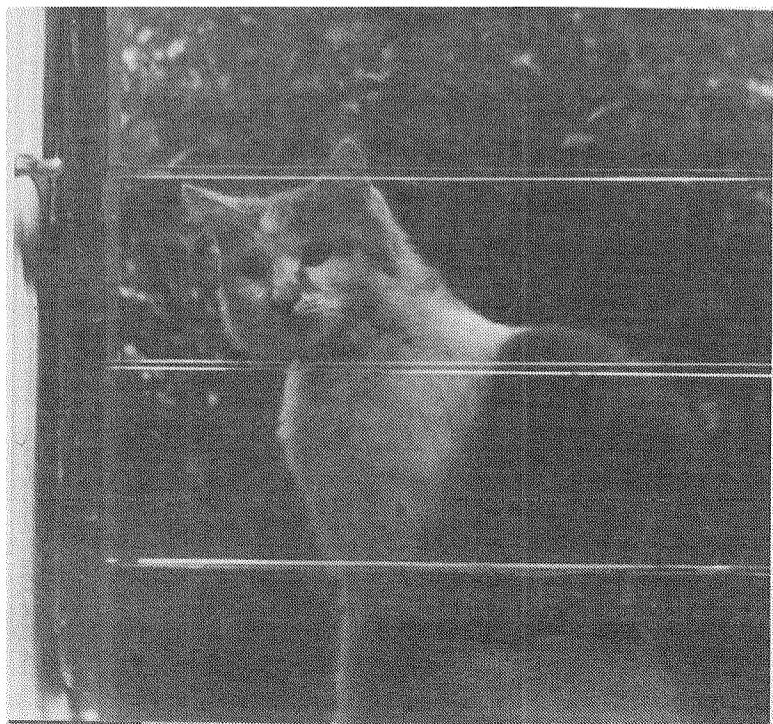
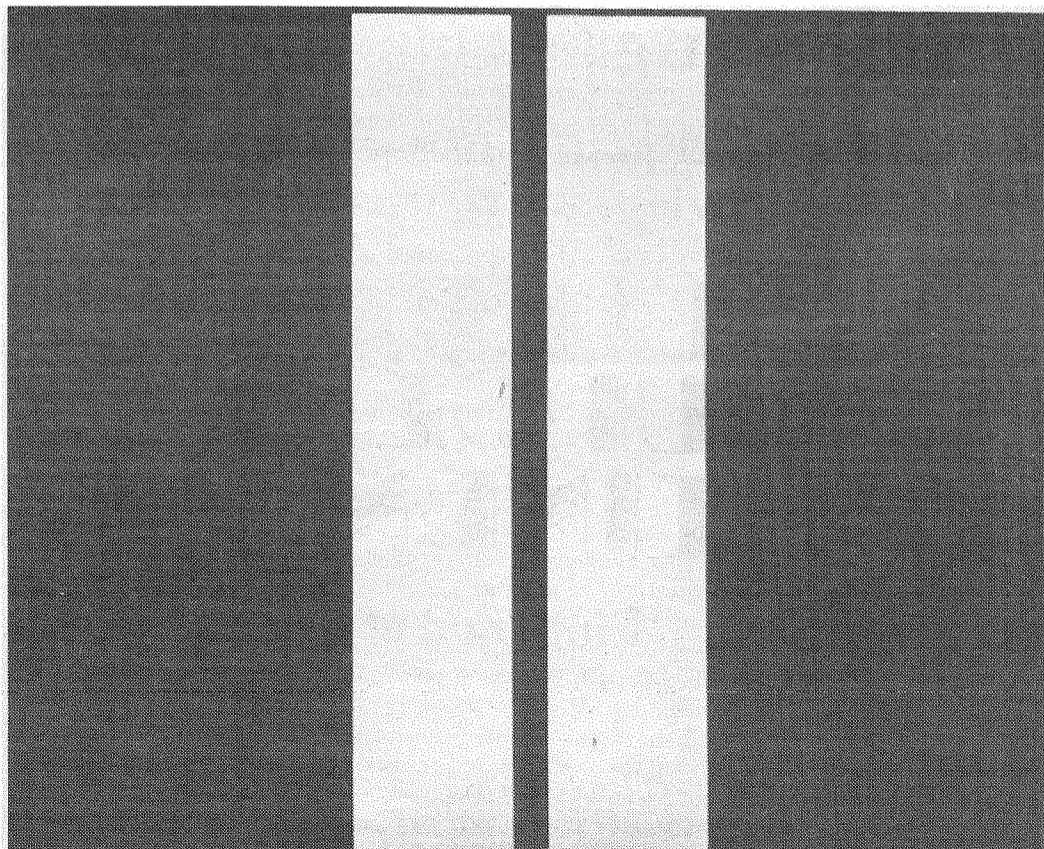
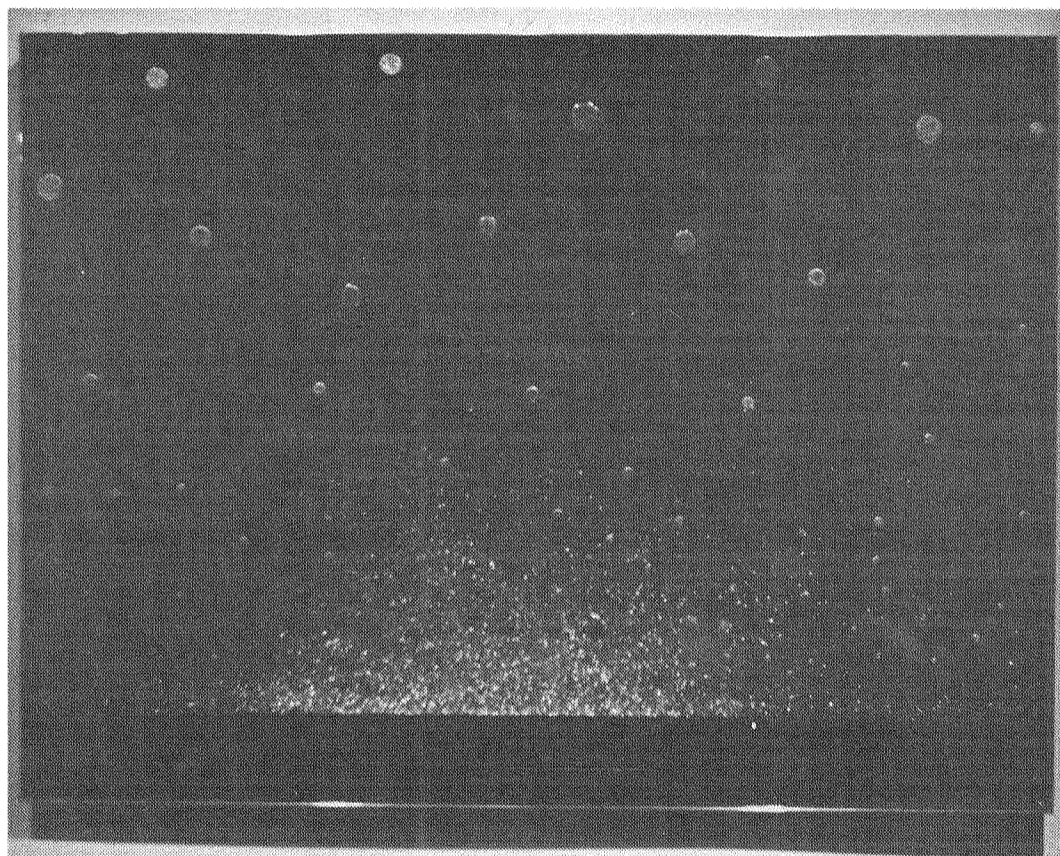
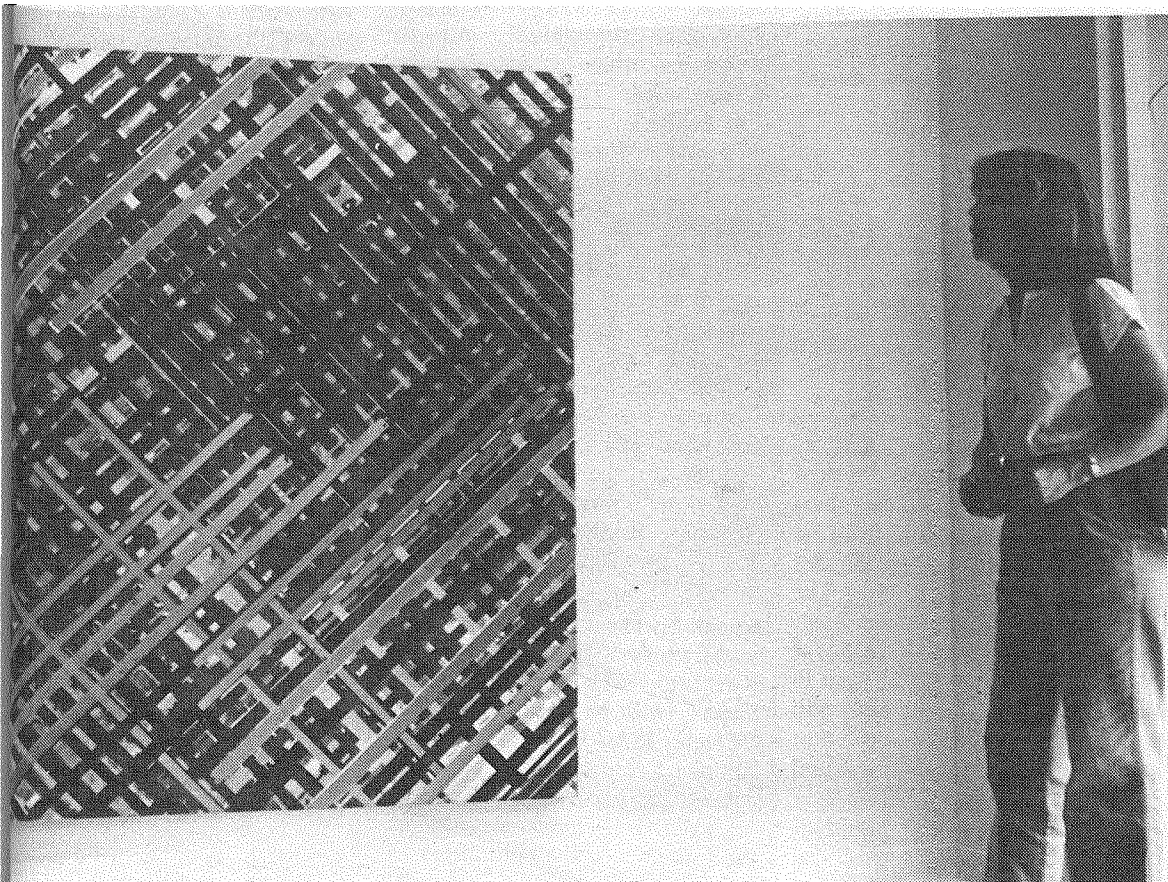
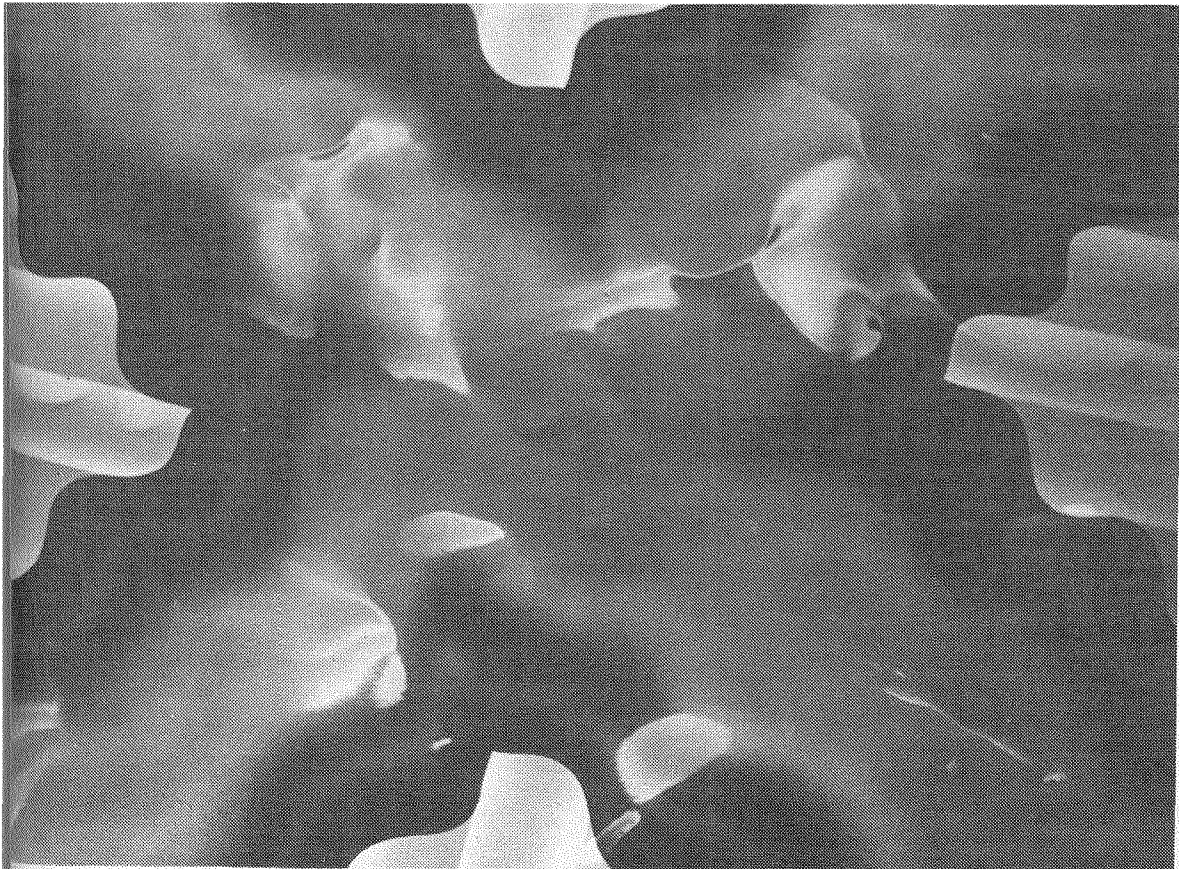


Photo by Alan Loh

This, folks, is a cat.



SHIRLEY YOU JEST!

Ok all you folks out there in theatre-land (and by that I mean anyone interested in theatre at Caltech, whether from the point of view of a consumer or that of a warm body, actor, or what have you), believe it or not Caltech will soon have someone actually employed here for the purpose of putting on those shows that seem to occur at random intervals throughout the year. Shirley Marneus will be, as of either June 1 or July 1 of this year (I thought it was June 1, but Izzy tells me that she heard from Roger Noll that it's July 1, either way it's sometime early this summer) the official director of an unofficial theatre subdepartment (? well, since something the size of the Humanities Department is a department here, and I couldn't think of anything smaller than a department that you find on standard organization charts except group, and in the theatre that has a connotation that I didn't want, so, in the spirit of Carroll's Humpty-dumpty...) here at Tech.

Shirley has for the past several years directed both the Spectrum productions and the Caltech Musicals (and no, I won't apologize to those of you who think that it should be ASCIT musical. ASCIT musicals were, from what I here, poorly-staged productions, sometimes even with the script and score created by students here, as opposed to the Caltech musicals which are entirely different animals), in addition to being the librarian for the Judy Library and the Public Affairs room in Baxter. However, as of whenever this summer, her duties in the capacity of librarian will be reduced to half-time, so that she may devote more of her time to the theatre here at Tech.

Currently, she is in the process of directing the Spectrum for this spring, Racine's *Phaedra* a play about Phaedra, Theseus,

Hippolytus, and a number of other "nighfalutin' Greeks." Among the principals in this production are Marshall Gluskin, who has appeared in numerous other productions here, as well as others who have been seen here before (my apologies to the actors and actresses; as I write this I am unable to recall any last names other than Marsh's, and it being about three hours after the *Tech's printers* deadline, I've got a couple of irate editors and even a few random spectators breathing down my neck, waiting for me to finish, so I can't go check on that now). The play opens next Friday, and plays on Friday and Saturday evening for three weeks.

As to the summer, it looks as though we will have for the first time I can remember, anyway, a play performed during the summer. Right now, from talking with Shirley, I get the impression that it will probably be *The Romancers* or *The Fantastics*. If I am correct in my recollection of the titles, these two plays should have roughly the same plot (anyway, the one's Shirley wants to do have essentially the same plot) but markedly different styles. Also, as it turns out it, it need not be an either/or thing; we may actually succeed in doing both plays, wither sequentially, or better still, in repertory some time this summer. Whichever we do, the event will probably take place in Dabney Garden (an unusual, but very nice place to stage a play, especially one that doesn't have the several dozen costume changes, scores of actors, and complicated lighting like you saw in the last several musicals).

Anyway, next time you're in Baxter, stop by in the Public Affairs room and let Shirley know any ideas *you* have for the theatre here, especially ideas for next year's musical.

—Carl J Lydick

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money

For Those Who Want Money

REMINDER: The Financial Aid Application deadline for the 1979-80 academic year is April 16! Applications are available in the Financial Aid Office, room 208 Dabney Hall. If you have any questions or cannot meet the deadline for some reason, come in as soon as possible and discuss your situation with either Ursula or Sandra.

Let's Get it Right This Week!

The Caltech Y is once again accepting applications for the Paul Studenski Memorial Award.

Paul graduated in 1972 after five years at Caltech with both a BS and an MS in electrical engineering. But Paul was uncertain about his future. He had developed an interest in biophysics and a young woman. He questioned how he could use his abilities to help people. He needed a new perspective. He needed to get away from the academic community for a while to get a fresh view of his life, his future, himself. After graduation he travelled about Europe and the U.S. with his girlfriend, Jean, looking, listening, and learning. By mid-summer 1973 he had reached the end of his intrapersonal journey. He was going to marry Jean. In August on a lonely two-lane road in Kansas their Volkswagen was struck by a truck, and both Paul and Jean were killed.

The Paul Studenski Memorial Fund was endowed with his inheritance in order to give others the same opportunity for reflection that Paul enjoyed.

If you have had thoughts of travel, reflections, and personal reevaluation, you could do worse than write a brief description of your plans and drop them by the Y office. The deadline for applications is today.

Big Bad Bucks!

Applications are now being received for 1979-80 upperclass merit awards. Approximately forty scholarships of \$1500 will

be awarded. Funding for these awards will come from the Carnation Scholarship Fund and the Caltech Prize Scholarship Fund.

Applicants must be Caltech students in good standing who expect to continue at Caltech as juniors or seniors during the 1979-80 academic year. Awards will be determined on the basis of past and expected future academic achievement as evidenced by letters of recommendation, participation in academically related activities, and research achievements as well as course grades. Financial need will not be considered and efforts will be made to resolve conflicts with need-based financial aid so that all award winners can potentially realize the full benefit of the award.

Application forms may be obtained from Carolyn Merkel in the Officers of the Faculty office, 114 E. Bridge, between 10:00am and 3:00pm, Monday thru Friday. Completed applications should be returned to Ms. Merkel and must be received by Friday, April 20 to be considered.

Award winners will be selected by the faculty committee on Scholarship and Financial Aid. The chairman of that committee, Dr. Forrest Nelson, will supply additional information on request. His extension is 1064.

public service

Career Counselling

Once again, the Caltech Y and the Gnome Club are offering Career Counselling Seminars. The two scheduled so far are to be held on April 18 and on May 2, in the Y Lounge at 7:30pm; the former concerns itself with "Management in Government and Private Industry", while the latter deals with "Careers in Academia". All interested undergraduates are welcome.

Sub-Orbital Shuttle

The Caltech Y Oxy-Tech shuttle has started. Students taking courses at Occidental from 2 to 4 on Tuesday and Thursday afternoon can catch a ride in back of Winnett Center at 1:30 pm. We should be back by 4:30 pm. For more information contact the Caltech Y or Mike Nelson.

events

ASCIT Socials

ASCIT social events for this term have been decided on and will include:

Seven-house party—April 21
Campus-wide road rally—May 6

Athanaeum Formal—May 18
Sign-up lists should be up in each house for the road rally and the Ath formal, or you can drop a note to Sue Fuhs (1-57). Suggestions for first and second term next year are also welcome. After all, it's your money!!

Swiss Navy?

On Friday, April 20 at 8 pm, Chris Borden will narrate "Switzerland by Sail," a filmed travel documentary in the Armchair Adventure series. Admission is \$3.25. For information call x1652.

Don't Miss Him

Professor Spiro Kostof, described by Dr. Aimée Price, a former student, as "the best lecturer I've ever heard," will be speaking on Architectural History on Wednesday, April 25th. The free lecture, "Do Buildings Lie?: Architecture as Cultural Expression," will begin at 4pm in Baxter Lecture Hall, and will rebut the popular theory that architecture is a form of cultural expression.

Dr. Kostof is a past president of the Society of Architectural Historians, a former professor at Yale, and is now teaching at UC Berkeley and working on a book about architectural history. He is a vivacious, fascinating lecturer, and will no doubt give an excellent talk.

Eh?

"Inside the Ear" will be the topic of an Earnest C. Watson Caltech Lecture by James Hudspeth, M.D., at 8 pm on Wednesday, April 25, in Beckman Auditorium. Hudspeth is associate professor of biology here at Caltech. The slide-illustrated lecture is open free to the public.

Deafness and vertigo are usually caused by pathological processes that affect the receptor cells of the inner ear, Hudspeth will explain. These cells that detect sound-creating stimuli are endowed with clusters of tiny-exquisitely sensitive hairs. Hudspeth will describe the normal operation and pathology of the inner ear and talk about techniques he is using to study the way individual hair cells respond to microscopically controlled stimulation and to drugs and other damaging agents.

I Won't Quit 'Til I'm A Star . . .

George Benson, responsible for the biggest-selling jazz album of all time, *Breezin'*, and whose newest album, *Living Inside Your Love*, has just been released, will appear in two performances only at Bridges Auditorium on the campus of the Claremont Colleges on Sunday, May 13 at 6:30pm and 9:45pm. The band Sea Wind will open the concert. Tickets for the May 13 concert are now available at Mutual Agencies, Bridges Box Office at 4th & College in Claremont, and by phone at (714) 621-8032.

Slepek Speaks

Alexander Slepek, son of Russian dissident Vladimir Slepek, will be speaking to the Caltech JSAC (Jewish Student Action Coalition) on Monday, April 16th at 4:15 in Clubroom 2. Vladimir Slepek was one of the founders of the committee to monitor the Helsinki accords, and last summer he and his wife were exiled to Siberia. Alexander's brother is currently living underground.

private

Well Carrie, it's as good as any other space-filler, huh?

The Ad Dept.

CORRECTION:

In last week's *Tech*, an article on Admiral Stansfield Turner's visit to Caltech neglected to mention the Caltech Y's sponsorship of the event as part of their *American Leadership* series. The *Tech* regrets the oversight and apologizes to the Y.

music

You Can Dance!

Really Hit The Floor . . .

Foxtrot and swing lessons will be featured at The Ballroom Dance Club this Friday night at 8 pm in Winnett Center. For more information call Larry White at x1840.

Get Down(stairs)!

A new music practice room for undergraduates with their own equipment (guitar amps, etc.) is now open. For information on membership and fees contact either Rock Howard or Bill Farr in Dabney House.

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