

You mean
he actually
volunteered?

The CALIFORNIA Tech

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No, but I can
coerce him
into it.

Volume LXXI

Pasadena, California, Thursday, April 9, 1970

Number 23

News Briefs

Huttenback Rebates Also For Dates

Due to the "largess of the Dean's Office," Caltech undergrads and grad students will henceforth be entitled to rebates equal to half the price of TWO tickets. The same arrangements for obtaining culture without steamrolling the pocket-book will continue, with the aforementioned happy exception.

A Genial Dean's Open House will occur April 18. Dr. Huttenback advises that you bring your own mug and appetite. Free beer and free pizza will be available in their usual quantities. All shall be welcomed!

Admissions Final; Class Size Variable

The Admissions Committee sent out 325 acceptances for the Class of 1974, of which 39 went to females. Dr. Lyman Bonner expects "somewhere between 175 and 275" students to accept admission, thus leaving the housing situation in flux. Whether any measures will be taken or will need to be taken cannot be foreseen.

Concern Over Physics Curriculum Mounts

A Divisional Committee to inquire into possible revisions in the physics curriculum has been formed by the Division of Physics, Mathematics, and Astronomy. No drastic action seems likely in the near future; however, the action reflects growing concern among the faculty about physics as now taught.

The major complaint about the present curriculum seems to be that it is too exacting. This view has been expressed both publicly and privately by professors, teaching assistants, and some students. "Physics is just too hard," one person put it.

Suggestions made so far range from revision of laboratory requirements to provide for credit for participation in research projects to abolition of Physics 2 as a required course for all students.

Notices and Announcements

RTD student discount cards may be purchased for 50 cents either

Continued on Page Four



EVERYBODY SAY CHEESE! Members of the U. S. team managed to force a smile for our photographer even though they were anything but elated. Lead by their able captain, Tom Markert, the team managed to keep the country "out" of war, but not out of the action. They also managed to get Nixon reelected. —photo by Bean

But One Pint to Give . . .

Bloodmobile Coming on April 17

The annual Bloodmobile Drive will be held on Friday, April 17, from 11:00 a.m. to 3:30 p.m. in Dabney Lounge. Sign up slips will be distributed to all staff members and students.

The Bloodmobile makes giving more convenient than ever, and there are many advantages of participation in a group blood program such as the Caltech Blood Bank. One advantage is the added protection gained for you, whether or not you have donated previously. There is no limit to the number of pints of blood that can be received from the Caltech Blood Bank, should the need arise. When blood is needed by you or your family, the Red Cross replenishes the amount used by the hospital, saving you the cost of approximately \$25 per unit (pint). If a Caltech staff member or student leaves the Institute, he still retains protection for himself and his family up to the number of pints he has contributed, but is no longer eligible to draw against the group credit.

Red Cross conducts a program of blood research in laboratories located in New York City, Washington, D. C., and Los Angeles. Investigations and projects include long-time

preservation of whole blood by freezing, dissolving blood clots similar to those responsible for strokes and coronary thrombosis, a more effective blood derivative for the treatment of hemophilia, a search for yet-unknown blood factors, and compilation of a national rare-blood donor file.

If you have any questions concerning the Caltech Blood Bank Program, call Mrs. Barbara Kuhn of the Personnel Office, Ext. 2374.

Four Special Rooms?

Weekend at Santa Barbara Planned

by E. Gansner

The Caltech YMCA has announced final plans for the planned events coming up this term. These include a combined faculty-student skiing trip, a Spring Thing, and a series of Olive Walk Talks based on the crisis in the US legal system.

Set for April 17-19 is a weekend trip to Mammoth cabin for ten faculty and twenty students. Skiing or hiking, depending on the weather, will be the main activity, but it is also hoped that the environ-

Dr. Sturtevant Dies at 78 Pioneered Genetic Theory

Pasadena—Dr. Alfred H. Sturtevant, one of the founders of modern genetic theory and Thomas Hunt Morgan Professor Emeritus of Biology at Caltech, died Sunday night of cancer at the Huntington Memorial Hospital. He was 78.

Although he was named professor emeritus when he reached the retirement age of 70 in 1962, the geneticist continued working in his Caltech laboratory until very recently.

Dr. Sturtevant was the first scientist to map the locations on chromosomes of the genes associated with particular inherited characteristics and to demonstrate the simple linear ordering of genes on chromosomes.

Forty-two Years at Tech

Using the fruit fly—*Drosophila*—for this significant work, he was a member of the productive *Drosophila* genetics school started by Nobel laureate Thomas Hunt Morgan at Columbia University and continued by Morgan and Sturtevant at Caltech. Dr. Sturtevant has worked in genetics for nearly 60 years, 42 of them at Caltech.

Dr. Sturtevant discovered that the arrangements of blocks of genes may vary in different species of *Drosophila* and used this finding to trace the evolution of species. He

also discovered that the effect of a gene depends on its position in the chromosome.

President Harold Brown of Caltech said: "The entire Caltech community is saddened by the death of Dr. Alfred Sturtevant. He came to the California Institute of Technology as a co-worker with Professor Morgan in 1928, and served for many years as an active and beloved faculty member. He was the dean of American geneticists, an outstanding scholar and a wonderful person. He will be greatly missed by all."

Many Honors

The geneticist received many honors, including election to the National Academy of Sciences. He was awarded the academy's Kimber Genetics Award in 1957, its Carty medal in 1965, and the National Medal of Science by President Johnson in 1968. Honorary degrees from Princeton, Yale, and the University of Pennsylvania were received.

Dr. Sturtevant was author or co-author of some 140 scientific papers and several books. His books include *A History of Genetics*; *Genetics and Evolution* (selected papers of A. H. Sturtevant edited by Dr. E.



B. Lewis of Caltech); *An Introduction to Genetics* (in collaboration with Dr. George W. Beadle); and *The Mechanism of Mendelian Heredity* (with T. H. Morgan, C. B. Bridges, and H. J. Muller).

Born in 1891 in Jacksonville, Ill., Dr. Sturtevant received his AB (1912) and PhD (1914) from Columbia University. He joined the staff of the Carnegie Institution of Washington in 1915 and the Caltech faculty in 1928. He served as visiting professor at Harvard, Princeton, and at the universities of Washington, Texas, Wisconsin, Oregon, the University of California at Santa Cruz, and visiting Carnegie professor at the University of Durham, England.

He was a member of many professional societies, and served as president of the American Society of Zoologists and the Genetics Society of America.

Dr. Sturtevant leaves his wife, Phoebe, and three children, William C. of Washington, D. C. and Henry of Altadena, Calif., and Mrs. H. E. Shapiro of Washington, D. C., and eight grandchildren.

ASCIT Officers Begin New Column

See Page Two

Easy Way to Lose Your Shirt

Track System Expounded

by Alan Lederman

Only a few short minutes from Caltech lies the San Gabriel Valley's finest recreational facility, Santa Anita Race Track. The ambitious Caltech undergraduate may seek his fortune here.

The mathematics of this game of fortune are as follows: You may bet to win, place, or show. If you bet to win, you are paid only if your horse comes in first. If you bet to place, you are paid only if your horse comes in second or first. A show ticket will collect on a horse that finishes first, second, or third. The inequalities satisfied are: win price greater than place price greater than show price, and these inequalities are strict indeed. For example, a \$2 win ticket on a winning horse might pay \$8, while a \$2 place ticket on the same horse would return \$4, and a \$2 show ticket

returns \$2.50.

Several "systems" have been proposed, the most prominent of these being to choose the horse with the most appealing name. But by far the most universal system is to choose the horses whose numbers correspond to the numbers of a laundry ticket, a fixed number, birthday, street address, or grade point average (difficult if this latter statistic is 0.0). System players are easily spotted, for as their horses prepare to race their low faces droop or they inspect the porcine mares "the system" predicts. The coterie of system players are defeated by the laws of probability.

We of the racing coterie of Ricketts attended Saturday, flouting Probability, the evil whose efficacy proved the downfall of so many. We alone could exorcise this evil. The meretricious "system" was as fol-

lows: The numbers FEYNMAN give letters numbered consecutively 6, 5, 25, 13, 12, 1, 13, 6, 5, 2, 5, 1, 3, 1, 2, 1, 1 were bet. Never underestimate the value of a Techer?

Did this effrontery prove profitable? Those who scout this system find their arguments supported here.

Race No.	System Predicts	Actual Winner	Accum. Winnings
1	6	2	-\$2
2	5	4	-\$4
3	2	8	-\$6
4	5	2	-\$8
5	1	3	-\$10
6	3	6	-\$12
7	1	7	-\$14
8	2	1/3	-\$16

A perfect record! And so, we sadly conclude we must seek other sources for our tuition.

ment will encourage informal student-faculty discussion, both on problems of both sides at Tech and just friendly BSing. If you are interested in going, contact the Y.

Prefer Girls

And for those who prefer girls in place of professors, the Y has set its Spring Thing for the weekend of May 15-17 at UC Santa Barbara. Over this weekend, the sixty girls and Techers attending will be offered a mixer Friday night, a big party Saturday night and four special rooms, each with an alternating set of two programs. Planned are a theatre room, a game room, an art room, a dance room, a music room, an honesty (or verbal communication) room, and a non-verbal communication room. Anyone can participate in anything in any room depending on his or her fancy. It will cost Techers \$12.50 a person to help cover room, board and other expenses. Techers are encouraged to sign up soon.

The Y-sponsored Atheneum luncheon forum for third term differs from the other terms in that it has grown an appendage. Now, each Wednesday, that particular speaker will give an Olive Walk Talk at 11:45 in addition to his normal talk at the Atheneum. The general subject for this term's speakers is the US legal system in respect to the current crises in such areas as drugs, sex morals, sexual equality, the poor and other areas.

Vs. Uncle Max

The series started this past Wednesday with Wilson Riles, the ex-assistant superintendent of schools who is now running against

continued on Page Three

Choosing Space and All That Rot

Last week Fred Friendly, professor of journalism and ex-network vice-president provided a week of involvement in the broadcast journalists world to the Caltech campus. In part of his discussions he spoke of the television of the future. In the same breath he stated that the success of television advertising was detracting from the advertising market for other publications. Even *Life*, he said, was in grave financial difficulty.

The *California Tech*, being of somewhat lesser magnitude than the aforementioned publication, is getting the proverbial "shaft" to an even larger extent. We have predicted the situation in the past; let us state the situation and what measures have been taken.

Third Term advertising is running at less than 1/3 the quantity per issue of the first and second terms. This means, if each issue were to support itself alone on advertising and weekly subscriptions, we could not publish. Fortunately we have a net profit from first and second terms. This may enable us to print a four-page issue on a weekly basis.

To expand our coverage we have asked the ASCIT Board to furnish us with a small subsidy to enable us to print an eight page issue those weeks when finances are low. We would not ordinarily consider the action of a subsidy but we have a larger staff of writers and material to print. We anticipate no difficulties with this arrangement.

The *California Tech* does, however, wish to make the most of its money. We are going to be a lot more discriminating about our copy (first week of the term issues notwithstanding) than we have been. We would appreciate suggestions as to which articles you, the reader, would like to see printed.

We need more staff to do this properly, in the form of managing editors whom we will train. There are two such posts and the experience is invaluable. Just drop by the *Tech* office next Monday night.

—Ira D. Moskatel
Paul A. Levin

Throop Beat

There Are Thirty-nine of Them?!

by Etaoin Schroedlu

The final Admissions Committee numbers read 326 admits, and 39 girls. This number of admits is only 16 to 20 above the figure taken last year, and with the matriculation rate historically at about 68% the additional figure of students should not be terribly high. Of course, the possibility exists that this rate may change; if so, there could be trouble. Original plans called for a special summer program in the Institute for special admits and others deemed in need of the program, possibly with provisions that the charge be based on need. Lyman Bonner was enjoined to find funds to operate this program, and he reports that they will exist.

It's Camp

Deliberations on the fate of Frosh Camp continue. Latest reports indicate a good chance that the pre-registration Camp will be replaced by an Orientation session, possibly with a bull-session-type

camp sometime during the course of First Term, to "discuss things after the frosh have had a chance to find out something about the things themselves."

So They Tell Me Dept.

Our Genial Dean, Dr. Huttenback, wishes us to announce that the ticket refund policy now includes half back on the tickets of dates, too, "for as long as our money holds out." ... There will also be a Genial Dean's Open House the 19th of April for all you beer and pizza freaks. ... There will be a Fast for Peace in Viet Nam April 13-15. ... Last week's issue of the *Tech* was unquestionably one of the rottenest I've every seen. ... Among the upcoming events of interest this term are a conference on Technological Change and Population Growth, May 6-8, and several interesting Caltech Lecture Series talks. As usual, there are things to do, if you want to.

Fisher Proposes Social Program Advisory Committee

by Bob Fisher

During the campaign I was asked a number of times what plans I had to encourage dialogue between ASCIT and the Undergraduates. I wish I had a solid answer since I consider this area the BOD's first order of business. As a start Leonidas Guibas and I are going to put together a weekly column for the *Tech*. It will be a very informal hash of what is on our minds. Controversial, non-routine ideas will be aired for criticism.

This won't substitute for the Board's talking personally with individuals. But it should help to keep us from making any ivory-tower decisions. The column won't especial dwell on things that have already been done or topics that are straight-forward. It will not be complete. It may not even be serious. But we'll give it a try and see if it's worth anything.

The thing I'd like to talk about this week is our Social Program. It is apparent that the Houses are by far more important social organizations than ASCIT. They can run a variety of events while a student government on its own can best manage traditional sorts of affairs. This does not seem enough. I've said for a long time that a Teacher who can get a girl to fly across the country and spend a night with him on a boat to Catalina doesn't need a thousand buck's worth of social program.

If some large-scale expenses are cut back, more money will be around the Houses and individuals. Additional funding might come from outside sources. Guibas is working up a proposal asking for a few thousand dollars. But whether we end up with 2,000 or 10,000, one person will not be in a position to allocate it. So let's set up a representative group to be in charge and call it the Executive Social Committee.

It would have a very loose charter, perhaps under the IHC. Here are some of the things it might work on:

- Extended ticket refunds, perhaps expanding to movies (and dates)
- Travel allowances: car mileage rebates, group bus fares, maybe even individual trips if the individual is persuasive enough
- House subsidies for skiing, camping, boating, whatever. Hopefully the ESC would induce people to dream up good ideas that need money
- When invited, ESC could coordinate inter-House programs. There is now no easy way for the Dabney Social Chairman to find out if a day is free. ESC could keep track of both on and off-campus happenings.
- It could manage a weekend ride board for between-House doubling
- It could underwrite small improvements in the Houses
- It could advise ASCIT on our own events

I don't see why the Social Committee can't be off the ground this term. Any suggestions on who should be on it, how it should meet, or what it should consider are very welcome.

Athenaeum Seder
Contact Y Office
for Reservations



JUST THINK, PHIL! THANKS TO "FORMULA G-31" ALL THAT DIRTY OIL CAN BE TURNED INTO GOOD, CLEAN MILEAGE!

The Third Wing

Cambodian Roulette

by Nick Smith

In 1954, France lost a war and admitted that Asia is impossible to colonize. They proceeded to give independence to French Indochina. They broke it into four parts: the two Vietnams, Laos, and Cambodia. Laos and Vietnam became famous by being international problems. Cambodia basked in glorious obscurity, while those few who paid it any attention wondered which side of the cold war it was on.

Many people looked upon Prince Sihanouk as a pawn of the Communist Chinese, since the Viet Cong used Cambodia as a base of operation. This outlook ignores two basic facts: first, that since the French were pro-Western, it was hard to be anti-French without being anti-Western; second, that no one in Southeast Asia can afford to be hostile to Red China without a whole lot of support from the United States. There is also the fact that the Cambodian army might not be able to remove the Viet Cong if the latter decide to stay.

Last month, three things occurred so close together as to be cosmically simultaneous, and Cambodia hit the fan. Prince Sihanouk asked North Vietnam to remove all of its troops from Cambodian territory. A United States cargo vessel full of explosives was taken to Cambodia by mutineers. At that point, while Sihanouk was out of the country on a diplomatic visit, military officers took over Cambodia.

Somebody up there just has to be laughing at the timing of the whole thing, because the reason Sihanouk wanted to be rid of the Communist troops was that there was the threat of a right-wing military takeover to eliminate Communist influence. Sihanouk left the

continued on Page four

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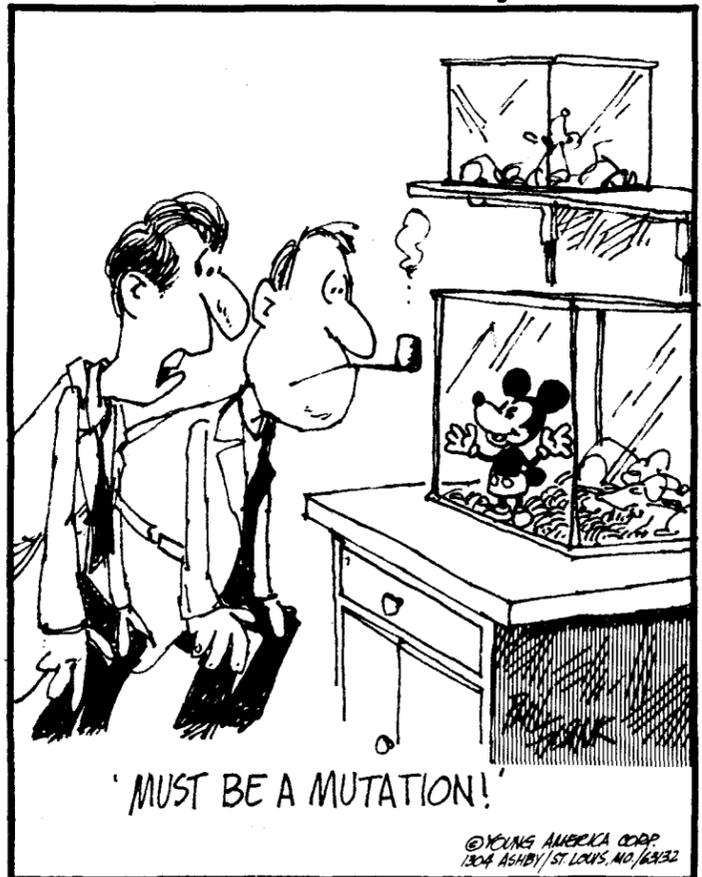
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FRANKLY SPEAKING

by Phil Frank



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THE MUSEUM is an international folk dance cafe in Pasadena that encourages the pleasures of ethnic dance and music. The most esoteric requests can be filled, while the more common joys are sensitively provided for: meeting friends, playing chess or backgammon in the patio, or simply mending frayed nerve ends over a cup of coffee. The mood is casual, the people are warm and enthusiastic.
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Y Program...

continued from Page One
Max Rafferty, and chairman of Nixon's Urban Education Task Force, who spoke on school desegregation.

Next Wednesday Luke McKisack, an LA attorney who has defended the Black Panthers, will speak on the political demonstrator and his relation to the law. On April 22, J. B. Tietz, an ACLU lawyer will speak on the draft laws, and, following him on the 29th, Judge Lester Olson, from the domestic relations court will speak on the new divorce laws.

On May 6, 13, and 20, the speakers will be Terry Hatter, Riane Eisler and Mildred Klein, respectively. Hatter, the director of the Western Center of Law and Poverty, will concern himself with the poor and their relationship with the law. A mother, lawyer and director of the Women Center's Program of Education and Legal Referral, Eisler will speak on women's rights and the feminist movement. The drug offender and the law will be the topic of the final talk in the series, given by Klein, a consultant to the court on drug offense.

Kibitzers Welcome

IH Bridge Starts

The annual Interhouse Bridge Tournament is well on its way this year. The winners of the nine-week round-robin first round will play each other for the trophy. This year two graduate student teams are

entered; they are not eligible for the championship round.

Page and Fleming figure to have the strongest teams. Despite Fleming's resounding 100 IMP victory over the Lenz grad team, Page, with the California college bridge champs, Jim Haberly and Jay Siegel, is favored. Anybody who would like to make the Page-Fleming match more interesting, or who has another favorite, please see Bob Geller or Pericles Nicolaidis.

The results last week are: Page beat Ricketts by 55 IMPs, McDonnell beat Dabney by 26 IMP's, Ruddock beat Blacker by 102 IMP's, and Fleming beat Lenz by 100 IMP's. Next Sunday, the matches are: Fleming-McDonnell, Lenz-Ricketts, Page-Blacker, Ruddock-Lloyd. Kibitzers are welcome.

We're sorry, Dr. Jenijoy.

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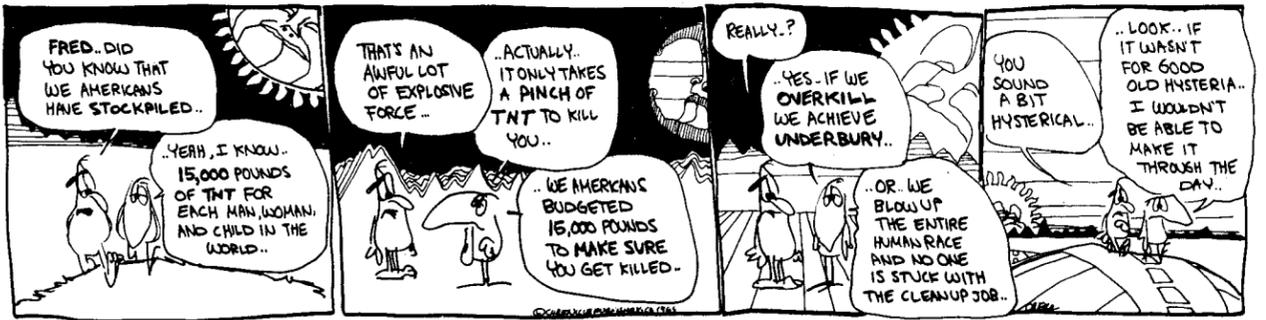
Students Invade Hawaii!

Join the student invasion of Hawaii on June 16 or August 25 for 2 weeks! Come fly with United Air Lines to Maui, Lanai, Hawaii, and Oahu. This trip has been designed for college students and emphasizes adventure, mobility and low cost. Every four students will have their own car and may follow their own whims.

A major highlight of the trip will be two days and nights sailing aboard the schooner Viajero where you will see beautiful waterfalls and obscure beaches along the coastline. There will be camp-outs on beautiful white sand beaches.

The trip includes round trip air fare San Francisco/Los Angeles to Hawaii and all Inter-Island air fare. The only additional cost is food. Numerous college students have signed up already at a total cost of only \$269.00.

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The Eyeball Ogles

Well, what do you say to a naked lady—one that you don't even know? Allen Funt has come up with the twentieth century's answer to Lady Godiva. Picture Candid Camera with an X rating; Allen Funt focusing flaccidly upon people focusing not so flaccidly upon people focusing not at all flaccidly upon a wide variety and assortment of sexual objects. Along with a tastefully chosen collection of nude models, male and female (bazoom), there are grapefruit, bananas, brass—well, you think of something.

The possible reactions to the film are as diverse as the reactions of the

subjects of the film to sex. Raw, open, blatant, sex. (gulp). There is no mystery, no subtlety. Just as Candid Camera denied all privacy (on television), so on film, WDYSTANL denies all secrecy in sex. It sounds pretty bad. You may think that any apprehensions about the silliness and hypocrisy of the American public and about the silliness and tastelessness of Allen Funt are about to be realized. Fortunately you are wrong.

A man walks around the corner of his house carrying a tray. A nude woman holding a briefcase in a fortuitous, spot crashes into him, shakes him off, and strides on. Oblivious to the spilled tray, the

man stares, muses, licks his lips, shakes his head, licks his lips, and incredulously walks away.

This opening scene sets the mood for the movie. A sophisticated, liberal, Hollywood audience found it hilarious. They soon would have been bored if there had been two hours of such scenes. Many people are honest and forthright to themselves and to the audience. And Funt as always is gentle.

Various people are asked in the film about their reactions to some of the film clips in other parts of it. A shot of an old Jewish lady hissing "disgusting" is juxtaposed with a shot of an old codger defending the loose morals of college living. One

of the sets shows a pretty young lady in a very short miniskirt asking passersby to hold the bottom of a ladder so that she can climb up and retrieve a kite. Most of her erstwhile helpers do indeed look up her dress, but some think about it and refuse. One man pushes her out of the way and goes up the ladder to get it himself.

The problem with this movie is that sex, even tastefully done, is not in the public domain. It is not for Allen Funt or anybody else to intrude on the privacy of his subjects. If you disliked Candid Camera for these reasons you will hate this movie. If, however, the implications don't bother you, you will very much enjoy this movie. It is funny, titillating, interesting, tastefully done and very entertaining. Most people will like it more than I did.

—David N. Dobrin

Frets and Frails

Go See Juarez!!

The show at the Ice House is good this week, largely because of Juarez. First, however, I'm going to talk about the second and third features on the bill.

Stewart Clay opens the show, and he is basically a country-western singer and guitarist. His voice is not one of the rough, gravelly type, nor is it the high pitched Okie twang affected by so many country singers. His voice is just sort of natural, and this adds very much to his style. Stewart Clay does several humorous songs, including "A Boy Named Sue," but he seems best at more serious songs. He did such songs as "Early Morning Rain," "Long Black Veil," and "Love's Been Good to Me." This last song has also been done by Frank Sinatra and Glenn Yarbrough, and I would rank Stewart Clay's as second best.

Steve Martin is billed as "just another magic-banjo act." That

billing does not do him justice, because he is probably one of the BEST magic-banjo acts around. In addition, he is a comedian whose credits include the Steve Allen show, and being a writer for the Pat Paulsen show. It is easy to tell that Steve Martin's style has been influenced by both Allen and Paulsen. The difference is, neither of them could match Steve Martin's banjo playing. He uses it to clown around a lot, but he is quite good, and plays a couple of songs during his act. In addition to all this, one of his ideas became a song done by Juarez. Steve Martin is talented.

There is not too much more that I can say about Juarez after last week except GO AND SEE THEM. They are quality musicians who use several different styles at once. Also, Barbera is worth watching, as well as listening to.

—Nick Smith

The Kinetic Art

Series Ranges Over Many Styles, Times

by Dave Dobrin

On the three Fridays at the end of second term Beckman presented the West Coast Premier of Universal's Kinetic Art Series. This event, of enough magnitude that the Lincoln Center was sold out many times over for the East Coast Premier, was not sufficient to impress very many Techers. Camplin's gaga review sold out the first Friday Showing. The next two merely filled up most of Beckman. For those of you who saw the series, here are some of my impressions.

"The Wall" Jan Svankmajer brings his own interpretation of kafka to the screen. He departs from reality slowly and inevitably; the transition to the unreal is so smooth that thy viewer accepts the wall readily and is shocked only at the end when the hero's fate becomes intolerable. A brilliant, perfectly made film.

"Egypte, O Egypte," Jean Cocteau's last film was shown without the subtitles promised by the program. To the unenlightened (ignorant of French) viewer it was a study of Desert Brown, Sunset Red, and Aswan Blue, accompanied by a droning, hypnotic voice. Most members of the audience felt that the film was more appropriate to a paint-maker's convention, and expressed their lack of appreciation with yawns, shuffling, loud whispering, and ostentatious walking out. Personally, I found the melange of colors fascinating, and I became so wrapped up in the shifting images that when it ended, I was disappointed rather than relieved.

"The Room" and "Au Fou" These two animated films by Yoji Duri are just great. They are terribly funny and terribly cynical, a Techer's delight. Some of the other notable films are the film dealing with the powers of ten, "See Saw Seems" again celebrated imagination without resorting to high-powered techniques, and "Ego" which is indescribable.

Boy, you people who missed this series, nyaah, nyaah, nyaah.

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Hearts Dropped

Flawed Diamonds

by Tom Matoi

On Registration Day, the Caltech diamond workers dropped a pair of heartbreakers, 3-0 and 5-2, to Southern California College.

The opening contest was the continuation of a match that had been rained out in the 6th, on March 4, with a 0-0 tally. Bruce Wright received credit for 7 innings of shut-out baseball, but S.C. turned the trick with 3 runs in the bottom of the 9th off reliever Dave Turner.

The second game was also a credit to the Tech pitching staff as S.C.C. was allowed to score only in the 2nd, and all 5 runs were unearned and without a hit. S.C.C. threatened again in the 3rd as Silvertown led off with a triple, but a double play by catcher Jon Hall eliminated the danger. Turner absorbed the loss, and Tom Howell, who relieved in the 4th, hasn't allowed an earned run in his three appearances. Jerry Feely homered in the 3rd frame for the Beavers' runs, while Howell shared batting honors with 2 hits in 2 at bats.

April Fool

On April Fool's Day, Caltech was shocked by visiting Claremont-Harvey Mudd, 26-3, in the conference opener. The only bright spot was the hitting, as Wright went 1-for-2, and Turner and Ken Hanson each picked up a single in 3 trips to

the plate.

On Saturday, April 4, the Beavers dropped a pair to the CHM Stags, 10-0 and 11-4.

In the earlier contest, Caltech picked up 7 hits, but was unable to put together a scoring combination. Leading the hitters was Wright who gathered a pair of singles in three trips. Others going 1-for-3 were Howel, Turner, Feely, Arnie Richards, and Bill Delaney.

Twilight Fight

In the twilight encounter, Turner went all the way and relinquished only 5 earned runs. Howell picked up 2 RBI's as he was going 1-for-3. Hanson batted .500 in his four trips to the plate, and Jerry Kiuttu and Feely each picked up a double.

Caltech's only victory in the season so far has been a 12-3 blasting of L.I.F.E. on March 11.

A Tale of Two Tourneys

by Richard Short

Two tennis tournaments, one for novices and one for letter-winners in either high school or college, will be held here at Tech beginning next week. Anyone interested in competing must contact Coach Lamb by tomorrow, Friday, April 10. You should find him on the tennis courts any afternoon.

The Scott Tennis Tournament for singles only is open to all undergraduates who are members of the varsity or junior varsity tennis squads at Caltech and those who made a letter in high school or junior college. Others may enter if vouched for by one of the above men or the tennis coach. The winner of this tournament receives an individual plaque and has his name engraved on a perpetual trophy. The tournament last year was won by John P. Healy.

The Novice Tennis Tournament is open to all men who have not won a tennis letter or who have not played interhouse tennis.

Entries for both tournaments close Friday, and drawings for both will be posted on the tennis courts on Monday, April 13.

Adequate tennis balls must be furnished by the players, but if either player insists on new balls, the losing player must pay.

Tennis Anyone?

or...

The Caltech varsity tennis team lost two matches last week by the score of 7 to 2. The Beavers were defeated by Cal Lutheran College on Thursday and by UC San Diego Saturday afternoon. Both matches were played on the Tech courts.

In Tuesday's match Andy Chow was the only Tech victor in the singles competition, winning a 6-2, 8-6 decision at third singles. Techers Bill Almassy and George Lantos defeated their opponents in the second-ranked of the three doubles events.

Against UCSD Tech again won just one singles and one doubles contest. Bill Almassy whipped his opponent 6-1, 9-7 in the second singles match. Almassy and Lantos later teamed up to smash the UCSD second doubles duo by a score of 6-0, 6-2.

Not at All Brief Is the News in News Briefs

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from Marcy in the YMCA office or from Ned Hale in the Dean's office.

Seder Plans

Anyone who wishes to share the Seder with a family in the Pasadena area should contact the YMCA Office.

Seniors: Final Deadline

If you can get pictures or write-ups to Eric Jensen in the Big T office or care of Louise Hood by tomorrow, Friday, April 10, before 6:00 p.m., they will go in the yearbook. This is the final deadline.

I.D. Cards Flash

If you have not had your picture taken for your ID card yet, please go over to the Lobby of the Business Services Building on April 15th anytime from nine to four. "It'll serve you right."

Draft Counselor Training

Anyone (faculty, student, staff, whoever) who would be interested in learning enough about Selective Service law to be able to counsel registrants concerning their rights and duties should contact either Dick Wright or Bob Logan in Booth. It is hoped that anyone interested would be able to counsel for a few hours at least twice a month with the American Friends Service Committee, the Foothill Free Clinic, or some other reputable

group. Notes sent to Wright or Logan via campus mail will reach them.

Cycling Club?

Many people on campus have bicycles and probably have fun using them. A cycling club can help bring out the many joys of cycling. Regularly scheduled group rides and a repair shop are some of the things the club can probably have. Will anyone interested please contact Daniel Reichel in 121 Lloyd or send a note?

Desegregation Forum

The Caltech YMCA is sponsoring an Olive Walk Talk and forum on the Pasadena School Board recall attempts that are a result of the recent desegregation decisions. It will be this Monday from noon to 1 p.m. Lend a hand in stopping this dangerous recall.

Money Available

Any organization that would like funding from ASCIT to help their activities should submit budget requests to Terry LaGrone, ASCIT Treasurer, Winnett Center, before Friday, April 17, 1970.

Management Club

The Caltech Management Club will present a panel discussion on "Career Development with Caltech" on Tuesday, April 14, at 5 p.m. in Von Karman Auditorium at JPL.

Admission is free, and all Caltech and JPL employees are invited.

Coins Collect

The Caltech-JPL Numismatic Society will hold its regular monthly meeting Wednesday, April 15, in 168 Church at 7:30 p.m. A guest speaker, refreshments, and coin auction are included on the program.

Develop Talent

The Development Office is in the process of raising funds for operation and expansion. There is a good chance that students can help out while learning the occult art of money-raising. If interested, write, see, or call Jim Beck, extension 2465, Blacker.

People's Improvisational Theater Comes to Tech

Improvisational theater, as in "The Committee," is coming to Caltech, beginning Saturday, April 11, in 206 Dabney from 1 to 5 p.m., and each following Saturday following until June. The workshop is directed by Martin Marshall (author of "3 a.m. in the Tenderloin") who has worked with the Committee Production Workshop for the last eight months. It is open to everyone with a \$1 donation. There will be theater games, human machines, and 67 other techniques used by the Committee. Also, there will be girls from Pitzer, Scripps, Pomona, PCC, and seniors from Blair, Muir, and PHS. So come to the workshop, have fun, meet girls, and win an oscar.

The Third Wing

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country to convince the Communist nations to support the request for the Viet Cong to leave. A right-wing military coup then took place, exiling Sihanouk. This may have left the mutineers on that munitions ship up you-know-what creek, since one of the points of the mutiny was to divert the ship to a non-rightist country where they wouldn't get back to the United States to be tried for mutiny.

Cambodia may now become a Southeast-Asian Greece, since there is no indication that the rightists will be ousted for some time. Sihanouk called upon the people to start a popular revolution to restore him to the government, but so far very few are answering the call. Evidently, not all that many of the people really preferred Sihanouk to the rightists. This fact may force Sihanouk to the ultimate irony of asking the North Vietnamese to help him regain power with the troops he tried to order out of Cambodia. There is really no one

else upon whom Sihanouk can call for aid. It is unlikely that North Vietnam will respond with significant force, however, since they are already fighting two wars. Sihanouk suffered the fate of the neutralist who alienated both sides. Straddling the fence is fine so long as there aren't people shooting at you from both sides, and in this case there were. At least it would be hard for the United States to be involved in Cambodia (if one ignores the major problem of the ship, unless it has been returned by the time this has been printed).

Notes and Comments Department Department

PME ended with the USSR, India, Japan, Great Britain, and France taking a carving knife to the map of Red China. Also, the World Press received five bomb threats. Some have complained of the "lack of reality" in this year's PME.—We are pleased to report that no burning crosses were detected on Throop over Easter.—Senator Cranston announced last Friday that the 4000th Californian to die in Vietnam fell the previous week.—Goodbye and good luck.

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FOR SALE

Studio Scotch or Ampex 1800 feet low noise, reg \$7.35; now only \$1.94. 1800 feet standard output reg. \$6.20 now only \$1.50. DAK Sound Ent. 877-5884 984-1559.

57 green MGA. Good condition. \$400 or talk. Engine rebuilt in 1967. Call Jennie, Caltech Ext. 2340 or 449-8762 after 5 p.m.

Help! Taxes! Make offer. Scott stereo FM 120 watt receiver, large speakers, Garrard pro turntable, tape deck headphones. 837-9355.

STOCK LIQUIDATION. DEALERS WELCOME.
 Cassettes in lots of 10: each C30 (.59), C60 (.69), C90 (.99); cassette recorder \$26; Scotch tape 60% off; 50 to 60% off on speaker systems; 35 to 50% off on FM stereo receivers and tape recorders. After 1 p.m. 839-2216. 3378 Overland Ave., L.A. 90034.

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