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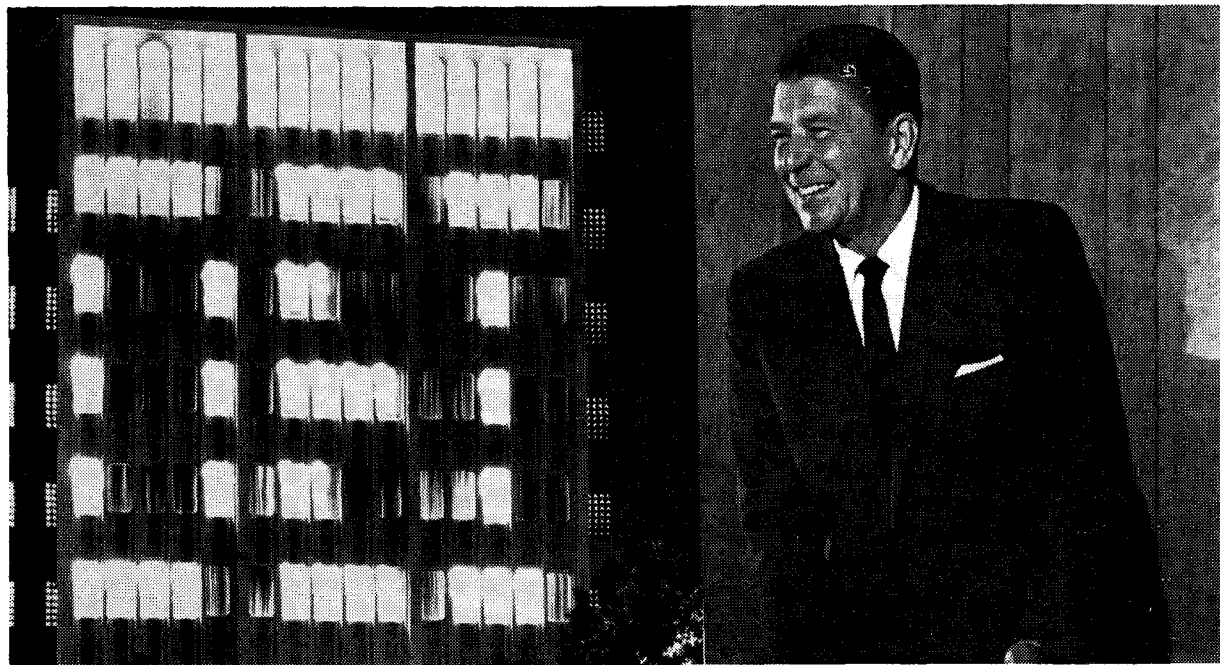
Associated Students of the California Institute of Technology

for bigger
DEI!

Volume LXIX

Pasadena, California, Thursday, May 2, 1968

Number 26



"Well, son-of-a-buck! Even as Governor, I've never had my name up in five-story letters. Who is this DEI fellow, anyway?"

Gov't to Fund ASCIT Research?

by Nancy Grana

Is ARP finally going to receive the funds it needs? Mr. S. Smith Griswold, Associate Director of the National Air Pollution Center of the Dept. of Health, Education, and Welfare (HEW) visited the campus on April 23 to discuss just this question.

Mr. Griswold expressed optimistic concern for the Project. "I think the money can be made available," he said, "if we can figure out a start for it (ARP). He expressed the funding possibilities of some research groups and gave a very brief summary of the work that has been done on each topic. He then offered to

send out two men from HEW for consultation: an economist and an expert on grants. These men will arrive late this week. When the Project gets going this summer, Mr. Griswold will send out experts in each field, at ARP requests, to let the researchers know what is going on in these fields.

Pilot study

Mr. Griswold said that most of the groups were good as long as they concentrated on the air pollution aspects of their topics, but that some required a lot of background reading, and many required a pilot study. From the reading and pilot study, the

groups could then focus on a feasible longer term research topic.

In the opinion of HEW, the cost-benefit analysis has the best chance of all the groups to get funded. Mr. Griswold said, "What we have been looking for for a long time is qualified people . . . for cost-benefit studies which is the only way we can justify more potent controls." This study embodies the interdisciplinary approach which is one of the Project's main aims.

As Mr. Griswold expressed it, "If done properly, it will require the expertise of all disciplines at Caltech . . . (and) close work and cooperation." The cost-benefit analysis can begin immediately since the idea is relatively unexplored, while the other studies require a lot more background reading due to the volume of work that has been done already on them.

Yearly grants

If funding is given to the Project, it will be given on a yearly basis, and the grant will be renewed each year if HEW thinks that the progress of the research justifies more funds. For this reason Mr. Griswold feels that it is not unreasonable to fund research groups during the summer while they complete their background reading.

Coffeehouse Killed: Lack of Business

by Roger Goodman

This is the second of two articles on the Caltech Coffeehouse.

The Coffeehouse officers, Jim Henry, Ed Schroeder and Kent Asmussen, gave a report to the BOD first term, including that the Coffeehouse was losing about \$5 a night. The BOD accepted that, first term, the three officers were too busy getting finances in order to spend much time on programs, publicity, or further furnishings.

In the January 18, *Tech*, Schroeder wrote an article telling of new progress. The mugs soon would be up on shelves, and weekly hootenannies were being held Fridays, as well as periodic discussions. The letter was optimistic so as not to discourage student interest and confidence.

Lack of volume

On March 4 Henry reported again to the BOD, saying that the problem still was lack of volume. The report told that since the fall the average \$25 nightly intake gave only a \$7 profit, which, when weighed against \$12.18 in salaries and breakage, left a \$5.18 loss.

The report concluded by suggesting that the Coffeehouse be moved as soon as possible, if such a move is possible without unnecessary financial loss. "Plans exist for converting a gameroom into a coffeehouse; we cannot overstate the necessity of such a move. With it, the Coffeehouse may stand by itself; with-

out it the Coffeehouse will either fold or require ASCIT subsidies. This date is not yet, but it will come. Attention will have to be given to the situation."

The great collapse

The unfortunate day did come April 17 when, after another drop in business, Henry sent a letter to the BOD announcing that he had closed the Coffeehouse, except for a special hootenanny on April 19. He asked that salaries be ceased and said he would stay on until relieved of his post. Net resources, including food, were about \$150, plus the sound system; the Coffeehouse could not meet its obligations within a few weeks; and any expenses like restocking soda would cause bankruptcy.

A unanimous BOD vote set up the Revitalization Committee, which, besides Chairman Garet, consists of Rhodes, "the current manager, someone from the business office, and one person from each house and two from off-campus, to be named by the chairman."

It appears, though, that the blame lies not with the BOD or Coffeehouse officers, but with *Teckers*. Caltech can have a coffeehouse only as long as students go to it; with the present set-up, sales must be doubled to break even. Henry and Rhodes agreed that a Caltech coffeehouse should stand by itself without ASCIT subsidy.

Y Sponsors Visit by Senatorial Candidate

by Alan Stein

"Hubert Humphrey is somewhat irrelevant to today's world; he seems to be living in the past." So said Senator Anthony Beilenson (D), 26th District, who is running for U.S. senator. Sen. Beilenson's Olive Walk speech last Wednesday, sponsored by the Y, covered every topic from abortion reforms to the Viet Nam war.

Sen. Beilenson has authored many successful measures to improve human and consumer rights. He is best known as author of the controversial new abortion law. Recently, he introduced a reform to this law to allow abortions in the case of deformity of the fetus. He is also quite concerned about the Reagan Administration, as he believes that it is at least indirectly responsible for the general lack of action by the Legislature. He feels that the Legislature is just too conservative to pass major bills.

Be a person

Sen. Beilenson finds the new social conscience very hopeful and exciting and believes that the nation will have to find a president among the new Democratic candidates. "Our first priority has got to start being people instead of things." Beilenson feels that our economics are somewhat inverted in that it is

the people in Peiping and Moscow who are determining how this nation uses its resources, rather than the American people. The decisions that must be made on internal problems, such as civil rights, are moral, not economic decisions and must be handled as such.

The Senator also stated that we have to negotiate with the National Liberation Front if we want to end the war. According to him, the Viet Nam war was originally an internal conflict, until we interfered. It was a civil war involving almost no North Vietnamese, until we entered the conflict.

Users hurt only themselves

Discussing personal rights, Senator Beilenson said that although he was not sure that marijuana should be completely legalized, the present policies were absolutely outrageous. He was amazed at the vindictiveness of a society towards the users, who at worst are only hurting themselves. He also expressed the viewpoint that 18 year olds should have the right to vote, believing that it is unrealistic not to allow them to.

Senator Beilenson felt that the present draft laws were in need of revision. A national set of uniform standards is needed, as is a better definition of a conscientious objector. He felt that there probably was a need for some form of draft but was in favor of providing alternative services for the draftee to enter; i.e. the peace corp or some similar sort of effort.

Glee Club to Sing

by Roger Goodman

The Caltech Glee Club will present its annual Home Concerts in Beckman Auditorium tomorrow and Saturday evenings at 8:30. Director Olaf M. Frodsham, in his fifteenth year with the Club, will direct the 60-man ensemble, and Miss Marlene Silvers, a young soprano formerly with the New Christy Minstrels, will be the guest soloist. Now lead soprano with the Pacific Opera Theatre, she will sing "Glitter and Be Gay" from Leonard Bernstein's *Candide* and "O mio babbino caro" from Puccini's *Gianni Schicchi*.

ASCIT members may present their ASCIT cards for tickets at the door. Admission for all other students, including grad students, is \$1.00 and for adults is \$1.75. Tickets may be purchased at the Caltech Ticket Office or at the door.

Opera in Beckman

That gem of 19th century comic opera, "The Barber of Seville," will be performed in Beckman Auditorium, tonight, at 8:30 p.m.

Imaginative staging, elegant and vivacious music and superlative singing in this new English language adaptation by the Turnau Opera Players have drawn rave reviews from the critics in the company's cross country tour. It faithfully reproduces the vigor of the Italian libretto and suggests the flavor of the original comedy by Beaumarchais.

Tickets are going fast for this one-night-only performance. Call 793-7043 for ticket information.

Notices

VISIT A FRESHMAN THIS SUMMER

Sign up for the Summer Freshman Visitation Program on lists which all House presidents and Louise Hood have. Members of all classes are encouraged to participate.

SENIORS

and other students leaving next year if you want to receive your copy of this year's Big T we must have an address at which you can guarantee you will receive the book sometime next September, i.e. parents' address, etc. Sign the list on the Big T office door in Winnett.

PEACE & FREEDOM PARTY MEETING

Thursday, 2 May, Winnett Clubroom 1, 7:30 p.m., to discuss future existence of the club and campaign and other activity.

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More Notices

(Cont. from page 1, Col. 3)

ENVIRONMENTAL HEALTH SEMINAR

"The Effects of Large Disturbances on Ecosystems Under Stress," Dr. Wheeler J. North, Caltech; Tuesday, May 7, 4 p.m., 306 Firestone.

DROP DAY

is tomorrow. Get out while the getting's good.

NEXT ARP SEMINARS

"A Cost-Benefit Analysis of Air-Pollution" by Barry Lieberman; Thursday, May 2, 4 p.m., Clubroom 1.

MOVIE DISCOUNT TICKETS

Cards worth a 50c discount at Cinematheque 16 for any show and good for 6 months are available for \$1.00 from the Business Manager, *California Tech*, Winnett Center. Call ext. 2154 for information.

NOYES DEDICATION

Students are cordially invited to attend the seminars and ceremonies surrounding the dedication of the Noyes Laboratory of Physical Chemistry next Monday and Tuesday. Chemistry seminars will be held in Beckman Auditorium and the official dedication will be Tuesday afternoon at 2 p.m. For further information contact the Chemistry Office.

IHC FREE FILM EXCHANGE

Free film exchange this Friday at 7 p.m. in the Student Union Lounge of Immaculate Heart College, 2021 N. Western Avenue. Films will be *Torn Curtain* and *Raisin in the Sun*.

Editorial

Coffeehouse Must Have Reasonable Food

With the folding of the Caltech Coffeehouse, once again the cry has been raised by some of student apathy. Seemingly, the administrators and backers of the Coffeehouse feel that the failure was due simply to a lack of interest on the part of Teckers, and that the failure is to be blamed on the entire student body.

We certainly cannot deny that many Teckers do not chose to become involved in activities not directly related to academics. However, we feel that the real blame for the Coffeehouse's failure rests not on this apathy; but upon the ASCIT administrators for failing to fulfill the simple want of the student body which had prompted the demand for the Coffeehouse in the first place.

What the student body wanted — and still wants — was a place to go at odd hours which was convenient to the campus and offered reasonable food at reasonable prices. Over the past week, we have questioned many Teckers as to why they did not patronize the Coffeehouse. The response was overwhelmingly that the food at the Coffeehouse was crummy and that the prices charged for it were outrageous. This lack of quality was what we believe to have been the major reason for the Coffeehouse's failure.

Where their stomachs are concerned, Teckers are **NOT** apathetic. The fact that virtually every night one can find groups of Teckers having late meals or snacks at Bob's or Roma Gardens indicates that they are willing to inconvenience themselves to the extent of going five or more blocks from campus in search of reasonable food.

Thus, if the Coffeehouse is to **EVER** succeed, it must offer a great improvement in the quality of food over what it has been in the past. Further, the more convenient it is to the Student Houses, the better it could compete with the aforementioned restaurants, for compete it must.

The failure of the Coffeehouse should have made clear the fact that Teckers will not support an activity merely because it is being run and sponsored by fellow students. Perhaps this would be considered by some to be a lack of school spirit. We, however, consider it to be a perfectly justifiable value judgment on the part of Teckers as to the quality of goods received.

—Jim Cooper, Alan Stein, Dave Lewin

Harkness Pans Spencer's Pan of Tucker's Pan of the Draft

Editors:

George Tucker's letter (March 28) contains several examples of the errors, common in modern political discussion, which can result from using terms without ever carefully examining their meanings. I would like to consider two of them.

He says, "Human lives are not even qualitatively equivalent to money," in criticizing Craig Spencer's comparison of conscription and taxation. But money represents the values achieved by human effort, and these values are required to support life and make it enjoyable. If a man is denied part of the product of his effort, his enjoyment of life is reduced and his susceptibility to the literal dangers to life, such as disease (because he cannot afford a good doctor) or traffic accidents (because he cannot afford car repairs), is increased. Thus expropriating money from a man is taking part of his life as surely as enslaving him for a period, and taking all his savings and income would not differ significantly from shooting him.

Second, "society gives the money its value and can claim some of it in return," and later: "It seems reasonable that the community should be able to require an individual to make the choice between giving it a part of his life or losing some of the advantages of the community (primarily economic)." There is no single conscious, acting entity "society" or "the community." There are a large number of individual men, and the economic benefits one receives from the existence of a free, peaceful society are the gains one receive in engaging in trade with

other individuals. They make possible most of the value of one's work or money merely by seeking to gain, by production and trade, values of their own. But these individuals have no reason to demand back part of the value you received, in the form of money or conscript labor; they profited from the trade just as you did.

There is another problem to consider, of course. It is possible for forceful action to destroy values, so a government to prevent the initiation of force is itself a value of great importance. But a government is not society or the community; it is an institution within society which is valuable only because, and only if, it prevents the initiation of force. Since it is valuable, people would pay for its services, just as they pay for insurance. A government could justly withdraw its services from those who refused to pay for them, but it could not justly take away other values they had earned. When it does, it is inverting its purpose, by initiating force itself. A government with unlimited power to tax is a totalitarian one, and invites redistributors of wealth and special-interest groups to try to secure a special position. Similarly, in case of aggression from outside, if the government is of value to the citizens, they will

(Continued on page 3)

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Letters

Readers Critical of Rhodes' Myth

(In addition to the following two letters, the TECH office was swamped by a similar letter on the same subject from Mr. Mike Kellman, deleted here solely due to space limitations.)

Jackson

Editors:

Judging from last week's **Tech**, Joe Rhodes is embarking on a crusade to convince the student body that a Caltech education is not a good thing. Some people have believed this for a long time, and I for one have always wanted to see a lucid presentation of the arguments which brought them to this view. Unfortunately, Rhodes is going to have to unuddle his thinking a bit before his article will constitute a responsible call for action.

As you will recall, the article listed a large number of "assumptions" under which the Institute purportedly operates. Some of these were indeed questionable beliefs which Caltech would do well to reexamine. However, many were either correct assumptions or misconceptions under which I do not believe the Institute labors. It is nevertheless the ASCIT president's stated position that these are all guiding tenets of Caltech, and that "all of these views are complete myths, lacking any foundation in fact" (emphasis mine). Intemperate words, Mr. Rhodes, and I am sure we all await your elucidation.

This was all, however, by way of introduction. The main point of last week's performance was that, first, a Caltech education does nothing but stuff facts down your throat; and, second, Caltech turns off the enthusiasm many students carry with them from high school.

The first point significantly overstates the case. Caltech endeavors to provide the basic facts and the tools required to work with more advance material. Obviously this requires a thorough exposure to a large amount of material. If the information-flow seems excessive at times, it is precisely because of the "massive information increase" Rhodes cites; the alternative is an increasing gap between what a Caltech graduate should know and what he does know. Nevertheless, the emphasis remains on analytic thinking.

The second argument is specious. Rhodes criticizes the fact that "Freshmen learn that science, once loved as a sparkling orb, light and exciting, becomes the daily routine drudgery of physics labs and math assignments." Well, there is a hell of a lot of unexciting troll work associated with even the most

(Continued on page 3)

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Notice

Due to the number of lengthy letters we have been receiving, the editors will have to assert their authority in the future and reserve the right to edit any letter over 250 words in length.

Towering Eyeful

by J. Weber and B. Flake

Last Friday night thirty-six amplifiers, piled on the Beckman Auditorium stage, gave sufficient warning that the volume would be at pain-level. This barrage of equipment belongs to The United States of America, the "electronic rock band." Their title may have a familiar ring, but their music illuminates previously unexplored combinations of sound, blending vocal and instrumental harmony, blues, jazz, and acid-rock.

The band consists of Joseph Byrd, organ, piano, harpsichord, electronic music, vocals (man of many talents); Dorothy Moskowitz, vocals; Craig Woodson, drums; and two new members: a bass and electric guitarist.

The USA tuned up, turned up the amplifiers, and then there was sound. Unlike many San Francisco groups such as Blue Cheer, who use volume just for volume's sake, USA uses its power effectively and with quality.

The first song was "You Can't Ever Come Down," acid-rock, with fine lyrics and some fascinating electronics produced by Durrett's electronic synthesizer. It built to a climax, then dropped off into gentle folk, a ballad, and then the audience fell for miles, but slowly, slowly.

Joe talked a little, and they were ready for one of the best songs of the night, "Garden of Earthly Delights." It has widely surrealistic lyrics and an exotic rhythm. Dorothy's voice is alive and evil and very loud — with a metallic sound achieved by use of a ring modulator (double side band with variable carrier

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CaliforniaTech

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Schroeder Discusses Coffeehouse

Editors:

Two weeks ago, by order of the Coffeehouse Managers, the Caltech Coffeehouse was closed. Suddenly the Coffeehouse was again the center of some interest on the campus. The ASCIT Board, who had been informed of the financial situation of the Coffeehouse as early as first term, acted in a way which has become a trademark of President Joe Rhodes: after the time for reasonable action had passed for this year, a Committee was formed to study the possibilities of reopening the Coffeehouse this year. This Committee is chaired by ASCIT Activities Chairman Mike Garet, who is under Rhodes' thumb, and who apparently knows nothing about the true situation of the Coffeehouse and, judging by his assistance rendered in the past, cares less.

Mr. Rhodes, in a typically high-handed act, called a meeting of this committee without bothering to tell Garet about it, last week. At this, and a subsequent meeting, the Committee which was formed of several Teckers and several non-Teckers, some with legitimate concern about the Coffeehouse and some with nothing but a lot of criticism, virtually none of whom had any knowledge whatsoever of the workings of the Coffeehouse, made the rather puzzling decision to open the Coffeehouse next week, between the hours of noon

and four in the afternoon, with whatsoever volunteer labor could be recruited, to serve as waiters and managers. Apparently it was felt that the true problems of the Coffeehouse would magically resolve themselves if only the Committee wished hard enough.

I can no longer countenance this irresponsible trend among certain undergraduates at Caltech, notably Mr. Joseph Rhodes, of which this action of the Coffeehouse Committee is just the most recent example. These people simply refuse to accept setbacks and bad news, they do not believe that that is the way things are sometimes. They either do not listen to you or assume that you are incompetent, and have no more worry about bad things, only the good. There will be no **little t** next year because of this; there may well be no ASCIT Research Project, leaving someone with a lot of debts and broken promises rashly and unnecessarily committed without proper financial resources, there may be no Coffeehouse. Facts are foreign to these people, unless they are pleasing facts. The facts in the case of the Coffeehouse before drastic changes in the present format are **rationality** made, by knowledgeable people, would be an act of idiocy. Opening the Coffeehouse at a time when most Teckers are not able or not willing to patronize it,

with totally untrained staff, in defiance of all legal or rational considerations, for a few weeks, is an act of supreme idiocy.

I am not making a blanket condemnation of the Committee — I am sure that some of them are sincere, rational people, and we confess that we need their ideas, although we needed them more a few months ago. The managers have a plan, which we are discussing with the Administration now, which would enable the Coffeehouse to break even next year without any increase in business or any subsidy, but the majority of the Committee, and especially Mr. Rhodes and Mr. Garet, are not interested in being confused with the facts. The Coffeehouse is your Coffeehouse, do not let its hopes for the future be jettisoned by the unrealistic schemes of those among you who are ignorant of the situation and incapable of exerting true responsibility.

I will not have the act of supporting these people by not speaking out against them on my conscience — will you?

Ed Schroeder

Jackson Cont.

(Continued from page 2)

exciting projects. If a student isn't willing to work at this sort of thing, it's best he find out fast so he can cast about for another vocation. There is doubtless room for improvement in this field, but it is a positive service of a Caltech education to reveal to students that they are not going to be a vestpocket Einstein (or the anti-smog saviour of the world) without a lot of hard work.

In conclusion (unless, of course, another flagrancy is offered this Thursday), one should

Richstone Speaks On

(Continued from page 2)

most Universities. As Neil Wright ('68) points out, "He is immediately placed in an atmosphere of professionalism," as in graduate school. Consequently, for the less mature students the adjustment from the easier atmosphere of high school to the professional atmosphere of Tech is difficult, being made in a situation where one is constantly brought face to face with one's own shortcomings, and where one is under intense academic pressure. Moreover, for the student who does not love science,

there is a strong urge to give up during the undergraduate years. It is this sort of student who loses enthusiasm significantly. The reason is that he has acquired his enthusiasm without really understanding what sort of a profession he wants to go into. He would probably lose his enthusiasm at a State University, as soon as he found out that there is a great deal of difficult work involved in science.

For the sort of student that Caltech is intended, for the emotionally strong young man who is sure he's interested in science, Caltech offers unique advantages; for, if this student makes an effort, he can learn the basics, gain the reasoning ability, and retain the enthusiasm necessary to be a fine research scientist or professor.

Even the student who finds he is not committed to science can major in a non-science option. Here again, if he works hard, he may still be enthusiastic when he graduates. In any event, the administration is currently planning to expand the Humanities Division. It would, therefore, be true to say that Rhode's criticism on that part of the issue has already been observed and the problem is already being attacked.

Rhodes' last point is that the ability for scholarly self-direction is not developed here. The opportunity for honors work has been overlooked in his analysis.

In general, then, that problem area outlined by Mr. Rhodes is not significant and can be dealt with by small changes in the present educational system.

Douglas O. Richstone ('71)

Harkness Cont.

(Continued from page 2)

defend it. If it is so oppressive that it is of no value to them, or if the danger of aggression is not real, they will not volunteer and ought not to. The draft is an invitation to statist and militarists to use others for their own purposes.

One final point: Many people appear to think that because a government is directed by majority vote, it represents "the will of the people" and can do anything it chooses with any of them or their money, since it has their own sanction. But the people have many different wills, and some will disagree with the majority, even if a majority manages to agree on something. An injustice does not become just, by virtue of being committed by a majority against a minority.

Gregory Harkness

bear in mind that Caltech is widely respected as an educational institution. Is a blind student body, faculty, and administration, slavishly worshipping "complete myths" as guiding tenets, consonant with this fact?

Mark Jackson '69

Eyeful Cont.

(Continued from page 2)

injection). Joe talked about politics and the draft, and the audience — feeling the pressure of the Caltech Y — clapped a little and settled back into lethargy, as a soft organ melody began. "Love Song for the Dead Che" is more than Dorothy's voice or great lyrics. It speaks in haunting tones, leaving one alone, recalling a past or present love.

Next was "Hard Coming Love." It was good, but the timing was off in places. The guitarist, however, was excellent; and Dorothy — sensual, driving — kept it moving.

The performance culminated in a final, fantastic epic, "The Electric God," which had some rough parts, but overall, was excellent. It started with Dorothy singing Hare Krishna to a raga beat, then went into a funky hard rock song, mocking America and its electric gods. Craig did a jazz drum solo; and the group suddenly broke into a gospel song, which climaxed in a fantastic electronic barrage, then silence.

Their encore, "Perry Pier," paired Dorothy's voice with the tones of a harpschord — the essence of beauty and simplicity.

The population of the USA is unique and inventive. They lack perfect timing and tight coordination, but that will come.

A word on lights: **Ver-ry Inter-esting** . . . The redhaired mastermind, Jim Henry, and co. skillfully superimposed JPL Failures on liquid projections. Unfortunately, we didn't get to see all of **Flash Gordon** . . .

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Beavers Lose Close Ones

The Beavers' track team, even though putting forth their best efforts of the season, could only manage to win one track meet last week. They downed Pasadena College, 76-68, but lost a close meet to Chapman, 77-68, in a double dual meet on Apr. 24. On Saturday, they were downed by Whittier in an exciting meet whose outcome was not decided until the final relay.

Against Chapman, the deciding factor was a pulled Beaver muscle in the 440 relay which forced the team to pull out of the race. In the double dual meet, Martin won the javelin against Chapman with a fine throw over 180'. Led by Ruth, the Beavers swept the shot put against Pasadena. McDonald won the discus with his best lifetime throw of 135'.

Tarjan had an outstanding day as he won the 440 in 50.4 and the 220 in 22.6, both his top times of the year. Stanley was second in both events. Butterworth ran a fine 100 in 10.2 and won this event against Pasadena. The mile relay team of Antaki, Butterworth, Tarjan, and Stanley won in a time of 3:24.2, their best time of the year.

Against Whittier, the Teckers put forth their best effort of the season. Tarjan and Stanley were outstanding for the Beavers.

Tarjan won the 440 in an excellent 50.0 while Stanley was second in 50.2, both top times of the year. Tarjan was nosed out of first and second in the 220 as he ran a 22.7. They then ran on the fastest Caltech mile relay team in 20 years only to lose by 6 inches after running a 3:22.7. Antaki and Butterworth ran 51.3 and 51.1 440's and Tarjan ran a 50.9 quarter. Stanley anchored the relay in the fantastic time of 49.4. They also ran on the winning 440 relay team with Schultz and Butterworth.

Turning in fine performances were Pilachowski who won the high jumping 5'8", the Beaver best for the year and Fox who won the triple jump in 41'1", his lifetime best. Tyler vaulted to a lifetime high of 11'3" to take third place. Levinson threw the discus 135' to win that event and also took second in the shotput. Burton and Petrie were one-two in the javelin.

In other running events, Schultz captured the high hurdles in 15.6. In the 440 intermediate hurdles, Cummings ran his best time of the year, 57.4, in winning. Gagliani took third in the highs and second in the intermediates. Martin Smith ran the 2 mile run in 10:17.7, his lifetime best, to take third.



Henry DeWitt, Beaver All-American, swims the butterfly as he wins the 200 IM at the SCIAAC conference meet.

Beavers Take 3 in SCIAAC

The Caltech swimming team ended its season last Friday with a third place finish in the SCIAAC All-conference swimming meet. The Beavers were paced to this finish by senior Henry DeWitt and junior Gregg Wright.

Henry, who is All-American, had an outstanding day in his final meet as a Caltech swimmer. He won 3 events and set 3 meet records and 2 conference records. He set two records in winning the 50 yd. freestyle in 21.8, beating the nearest competitor by 4 seconds. He also won the 100 yd. freestyle in a meet record time of 48.9. Finally, in the 200 yd. individual medley, he set two new records by winning it in 2:06.2.

Gregg won the 200 yd. backstroke in the time of 2:10.0, beating his nearest competitor by 2 seconds. He also took a third in the 200 IM and helped the team of Stefanko, all, and Rude to a close second place finish in the 400 yd. medley relay.

Other Beavers also turned in fine performances. Mike Stefanko finished third in the 200 yd. breaststroke after leading most of the way. He swam six seconds faster than he had done previously and bettered the existing meet record. Maarten Kalisvaart took sixth in the 200 yd. freestyle. He swam in the 400 yd. relay team of Watkins, Rude and Tyson, which finished third.

In consolation events which also count in the scoring, the Beavers were led by Mabry

Tyson. He finished second in the 200 IM after qualifying fifth. He tied for first in the 200 yd. backstroke. Larry Hunt gained a second in the 200 yd. breaststroke and a fifth in the 1000 yd. freestyle. He also took a third in the 100 yd. freestyle. Tom Davis was third in the 1000 yd. free style and fourth in the 500 yd. freestyle. He gained a third in the 200 yd. butterfly. In other freestyle events, Rude took a fourth in the 50 and Reynolds

was fifth in the 100. Miller took a fourth in the 200 yd. butterfly. In the diving events, Steve Johnson led the Teckers with a third in the 1-meter event and a sixth in the 3-meter competition. Jim DePauw gained two eighths while Richards took a tenth in the 3-meter and 11th in the 1-meter.

In overall competition Harvey Mudd was first and Redlands was second. Occidental was fourth and Pomona was fifth.

Diamond Men Split

Last Saturday the CIT baseball squad split a doubleheader with the visiting Pomona Sageshens. Pomona won the seven-inning first game 13-7, and the Beavers took the second contest 6-5 in ten innings. The split brought Caltech's conference record this season to 2-10.

Jay Chapyak pitched the entire first game for Tech. The Sagehens collected their thirteen runs on only eight hits and seven big CIT errors. The Beavers' seven came on seven hits and no Pomona errors. Caltech led the game through four innings but blew the lead in the top of the fifth, when Pomona scored two runs to take a 6-5 lead. The Sagehens' six-run sixth inning was just icing on the cake.

In the second game Pomona's Wright and CIT's John Frazzini had a tremendous pitching battle going for five innings. Then Caltech erupted in a four-run sixth inning rally to take a 4-1 lead.

Lonnie Martin and Chapyak each drove in two of the four runs. The Beavers added another run in the bottom of the seventh.

But Pomona fought back in the top of the eighth to score three runs on two hits and cut the Beavers' lead to 5-4. Tech failed to score in the bottom of the eighth, and the Sagehens tied the ball game at 5-5 with a run in the top of the ninth.

Only one extra inning was required as Frazzini got three Sagehens in a row after an opening triple to right by Bill Joost. Lonnie Martin was the hero for the Beavers, as he boomed a tremendous triple over the center-fielder's head and scored on a wild pitch.

Beaver Olympian

Dave Schramm, Caltech graduate student, has qualified himself to compete in the finals of the Olympic Wrestling qualifying tournament at Omaha, Nebraska. The top three wrestlers from this tournament will go to Alamosa, Colorado, this summer to train for the Olympics, which will be held in Mexico City. Dave has an excellent chance for he has beaten most of the wrestlers he will meet in Omaha. Schramm, wrestling at the 213.5 weight class, has given much of his time and talents helping the Caltech wrestling squad this past season.

Gutman Talks

by Coach Gutman

The challenge is here and the Caltech football team is determined to meet that challenge head on. In the past few weeks there have been strong and encouraging indications that the Caltech community is sincerely interested in teaming up with the football squad in making it a common effort. This support will be of great importance in helping Caltech football arrive at a level more closely related to its potential. This potential, as many of us see it, is competitive with the football teams we compete against.

The preseason spirit of the football team is at an all time high. Every returning football athlete is either participating in a spring sport or is engaged in the athletic weight training program. During the summer months the football players will improve their physical effectiveness by following a conditioning program designed to meet the needs of football action. With this type of preseason conditioning, the Caltech football player will be physically prepared and ready to meet the challenge.

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