

**Beware of
Brewing Ferment!**

California Tech

Associated Students of the California Institute of Technology

**Said to be
Habit Forming**

Volume LXVIII

Pasadena, California, Thursday, April 13, 1967

Number 24

Teckers Wine And Dine at "Dry" Pub

by Villani

After several months of waiting, working, and moneygrubbing Teckers, beagles, and World War I flying aces have a haven where they can relax and unwind after a hard day slaving over a hot slide rule; the Coffeehouse is open!

Transfinite

On the north side of San Pasqual near the intersection with Wilson, the Coffeehouse provides a convenient place to go for a late-night snack or to take a date after the UCC chases you out of the house. At present, it offers hot sandwiches, ice cream, hot and cold drinks, and a semi-infinite amount of atmosphere, despite the best efforts of the local department of sanitation. Two rooms are furnished with suitably battered chairs and tables, one of them comfortably far away from the brightly-lit kitchen, and a third usually houses several hot chess games, being kibitzed by the Ghosts of Movies Past staring from posters on the walls.

A room behind the kitchen serves as the Totem office, and sometimes provides a guitar for the auto-entertainment of the patrons; eventually the coffeehouse hopes to get a permanent guitar.

Name game

Other plans for the future include an espresso machine, off-mainstream magazine subscriptions, more art donations from student artists (the paintings now hanging on the walls are generally by outside artists) and a name. A contest to provide the latter is in progress now, with suggestions including Heisen's Burg, The Flickit Inn, Maxwell House, Dragonwyck, and about 50 others.

Teckish life

The coffeehouse has taken shape fast, considering its tender age, and may well provide, in the near future, an excellent place for Teckers to talk their GPA's away over cups of strong, 110°C. coffee. Aside from the shock of
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Band Concert Set for Friday

by Tim Hendrickson

The Caltech Wind Ensemble, known in previous years as the Caltech Band, presents its spring concert tomorrow night at 8:30 p.m. in Beckman. The best deal you will ever get at Caltech, the concert is free for ASCIT members; admission is fifty cents for their dates, for children, and for other students, and one dollar for adults.

Eros

Disneyland Night Talent Manager John Deichman, who has been with the band since 1953, will be directing the thirty-five-man ensemble. The first part of the program includes Wagner's "Liebestod," "The Shepherd King" of Mozart, Holst's "Second Suite in F for Military Band," the "Chant and Jubilo" by Mc-
(Continued on page 3)



Barry Robinson, Ken Broll, Dave Hentchel, and Mark Boule (left to right) spend a fruitful hour studying in the darkened atmosphere of Caltech's new coffeehouse.

San Francisco March to Protest Vietnamese War Forty to Represent Caltech

"We, people from all walks of life, declare an end to our silence. We declare it particularly to the Government of the United States." With that slogan the National Mass Mobilization to End the War in Vietnam Now is coming to a climax on Saturday, April 15 with twin mass rallies in New York and San Francisco. Many western schools, including Caltech, are sending student participants to San Francisco under the auspices of the Student Mobilization Committee.

Springboard

This Spring Mobilization is the largest protest to date against the war in Vietnam; it includes anyone opposed to the war for any reason, whether pacifism, isolationism, or otherwise. The Spring Mobilization Committee was founded by A. J. Muste, a long-time pacifist, labor and civil-rights leader, who died in February in the middle of his work on the mobilization. His work is being carried on by many prominent people, of whom one of the best known is West Coast Chairman Edward Keating, editor of Ramparts magazine. Other famous people supporting and participating in the program include Stokely Carmichael, Linus Pauling, Louis Untermyer, and Robert Vaughn.

Oh rally?

The West Coast mobilization will start in San Francisco at 10 a.m. on Saturday as the demonstrators will gather and march down Market Street, the main thoroughfare. The march will end at Kezar Stadium, capacity 60,000, where a giant rally will take place at 1 p.m.

Round and round

Meanwhile preparations are being made during the week in Southern California, as in other parts of the country. The Student Mobilization Committee has declared April 8 to 15 Vietnam Week with the purpose of bringing "the issue of the war to as many students and faculty as possible and to unite a large segment of the academic community on the four major themes of the Mobilization: end the war now; bring the troops home; end the draft; and end university complicity in the war." To this end programs and speakers have made the rounds of colleges and

universities. Bettina Aptheker, one of the sponsors of the mobilization, appeared on the Caltech campus as she did on several others to promote student participation in Vietnam Week. As
(Continued on page 3)

Eells's Poll Reveals Student Drug Usage

Dr. Kenneth Eells's report on the use of marijuana and LSD at Caltech, now available to teachers and students, gives to those interested a unique and authoritative study of the drug habits of a college student body. The anonymous questionnaire directed to every graduate and undergraduate evoked an overall 90 percent response, excellent for a survey on an issue of this sensitivity. 1290 students replied, including 643 undergraduates and 647 grads.

Bias Negligible

The possibility of deliberate or unconscious bias was taken into consideration in the assessment of data because of the unanswered portion of the sample and also because of rumors of falsification. Since the uncertainty involved in any falsification or other misrepresentation of data could alter the results only slightly, the missing questionnaires were assumed to have had about the same proportion of answers as the actual sample.

Subjects studied in the report start with use of marijuana or LSD and continue with frequency

of use, patterns of drug use, recency of use, plans for further use, plans for stopping use, judgment of the drugs' effects, personal experience with the drug, reasons for use or non-use, and attitudes toward legal controls. The report concludes with individual comments by students concerning particular points of the issue.

Juniors lead

The major statistic brought out in the report is the extent of the use of the drugs: for marijuana, 20 percent of the undergrads and 8 percent of the grads indulge; for LSD, 9 percent of the undergrads and 2 percent of the grads. A breakdown of the figures shows a greater incidence of use among off-campus students. Usage by different classes shows the juniors in the lead, followed by sophomores, seniors, and freshmen.

Nutmeg? Bananas?

Usage of other drugs is minimal, as tabulated in the survey, consisting mainly of taking "pep pills" or benzedrine. However, the pattern of usage displays a clear relation between use of LSD and marijuana (and other drugs). For instance, 97 percent of LSD users also use marijuana, while 39 percent of marijuana users have also taken LSD. Seventy-four percent of the students here have taken no drugs whatsoever.

Recency of use shows that marijuana usage is very current: 44 percent of the undergrad users had taken it in the week before the survey, and 81 percent in the previous two months. The LSD situation is similar; 79 percent of undergrad users had taken it in the previous two months.

Firm frosh

In regard to when drug usage was started, the facts are un-
(Continued on page 2)

Editorial

Ferment Is Brewing

Slowly but surely the words **voice** and **action** are taking on new meaning in the Caltech community. A strong undercurrent of dissatisfaction with everything that is Caltech is becoming evident, while less extreme yet still fundamental change is being advocated by a much larger number.

Witness three very different sets of circumstances. First, more people went to hear Miss Bettina Aptheker condemn United States policy in Vietnam than have attended any other Wednesday noon assembly this year. In response to her remarks and also to a general revulsion against the United States effort, a group of at least forty are going to San Francisco this week end to represent Caltech at the massive Spring Mobilization to End the War in South Vietnam.

Second, we find the Student Houses all having meetings to discuss that sacred cow, Caltech academic policies. Students are asking for a drastic overhaul of scholastic requirements. Humanities majors especially are indignant that the Institute on one hand decides to give degrees in the humanities and then still requires that these people take many science courses. The physics and humanities departments have both indicated that changes are in the offing, but the cry is for the total elimination of required subjects. And, in agreement, we say that it is the personal responsibility of anyone who desires to enter graduate school in a particular subject to fulfill the entrance requirements of that graduate school; there is no need for Caltech to play mother. Moreover, for anyone who is happy with the present system, he will be under absolutely no obligation to change his program of courses should requirements be dropped entirely.

Finally, in the Student Houses there exists almost complete disregard for the Student House rules. Upperclass Committees find it impossible to prosecute people for "offenses" they themselves condone. Consequently, they vote unanimously to overlook such "offenses" as long as they are committed discreetly. We support this policy as long as everyone is considerate of others.

We must applaud and encourage this student ferment. Any actions taken behind responsible leadership can only forebode good for the atmosphere here. Caltech should be a place where students are invited to partake freely in the food of intellectual curiosity, not a place where they must spit out fodder that is crammed down their throats.

—Les Fishbone
Kirk Benson

Gruening Says, 'No Draftees in South Vietnam'

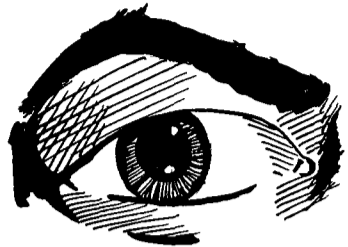
by Roger Goodman

U.S. Senator Ernest Gruening (D-Alaska) has sent out a letter explaining his views on the draft and the war in Vietnam. He will propose an amendment to the draft law, which expires in June, that draftees not be sent to southeast Asia without their consent. He hopes for a "thorough and meaningful debate" on his proposal and is trying to have all Americans informed of the issues so that they can make their views known to members of Congress.

Gruening has denounced the war for over three years as being undeclared, illegal, and immoral. He included a reprint from the **Congressional Record** which contains a speech he made before the Senate on March 10, 1967, expressing his views. He claims that the United States is acting in Vietnam in disregard of its own Constitution, the United Nations Charter, its own commitments made in 1954, the SEATO
(Continued on page 3)

Towering Letters

“Facts”?



by Richard Tittle

It seems to be a trend these days for our generation at least to follow men who deprecate their own professions by pointing out the rigidity evidenced in their colleagues—which is partly caused by calling what they do a profession. These men stand out by making themselves useful—in exemplifying their philosophies by living them. The great teachers will give one a short preface to the mainstream of their thought in showing how their attitudes and precepts fit into the general stream of life and in explaining what the possibilities and limitations of their ideas are.

Old World of?

This year I read a book by Abraham Kaplan (currently a lecturer in philosophy at the University of Michigan) called *The New World of Philosophy*, a book purported to be a popular explication of the major philosophies of the modern world. It is derived from a series of nine lectures delivered at UCLA in 1959 and 1960. At the age of forty-nine, Kaplan is impressive in the quickness, thoroughness, and charm with which he answered questions at the end of his lectures. The art of teaching lies in pointing the way for the student to teach himself, without letting the words of the teacher get in the way of a true response; Abraham Kaplan is a master of this art; and therein lies his value.

Although I admire his presentation of the philosophies (all of which he studied firsthand—the Eastern ones on a Rockefeller Grant) I am more impressed by his attitude. He attempts to show what is common to the philosophies, to draw analogies among them, and thus to get to the root of knowledge and culture. I find particularly significant the analogy drawn between Existentialism and Zen—both of which call themselves patterns of life rather than philosophies. **Analytic psychoanalysis**

Of the different philosophies Kaplan discusses few are exactly parallel in scope. He starts with a peculiarly American philosophy, pragmatism, then he works his way east through Anglo-American analytic philosophy, European existentialism, Freudian psychoanalysis (though not a philosophy, it is fundamental to all else), communism (an excellent treatment), then Indian philosophy, Buddhism, Chinese philosophy, and Japanese philosophy. At the same time he respects the individuality of the different world views and argues for their co-existence on the basis of the different cultural needs they serve.

I would like to hear more of Kaplan's own formulated philosophy though it is possible to get a feeling of where he stands from his commentary. The book itself is particularly good reading and a fair tribute to Kaplan's teaching ability. It would be just as useful for those demanding to see the value of any formulated philosophy or methodology as for serious students.

Gentlemen:

The other day I happened to pick up the latest edition of the propaganda booklet *Facts About Caltech*, which many of you probably read before applying for admission here. This time I read it with the perspective of a Caltech junior instead of a high school senior, and I came to the conclusion that the booklet needs drastic revision. *Facts About Caltech* intends to give the incoming student an “accurate” description of the life he will lead at the Institute. It fails miserably, however, in its attempt. The booklet contains gross distortions if not just plain lies. Allow me to cite some examples and suggest revisions.

Meet Dr. DuBridge

Opposite the introduction (To the reader) is a picture of Dr. DuBridge in a meeting with students. A quote appears below the picture in which the President comments on the student body. The picture should be removed because contact between students and Dr. DuBridge occurs infrequently and does not typify undergraduate life. The quote supports this contention.

“What we want in our student body is, first and foremost, men of the highest intellectual caliber. But we also want these men to be well-rounded human beings—men with spirit, with imagination, with health, with character. Of course we want, and the world sorely needs, the occasional genius who may lack some social graces. But we also need the man whose intellectual power is combined with the spark of leadership and human understanding. Our present student body is great because it contains so many young men with just these qualities.”

As we read further, we get a clear idea of the booklet's message.

Motivated snakes

Essentially the message has two parts: 1) the incoming student will probably find Caltech very hard, so he should come only if he is sincerely motivated; and; 2) once the new student learns to budget his time (kiss off) he will find that there are many other aspects of the place other than snaking. I think both of these points are justifiably made.

Guiding principles

The booklet then goes on to state the guiding principles of the Institute. Principle number one, “Teach Fundamentals First,” emphasizes the fact that students are required to gain a “broad knowledge of the fundamental sciences.” Eleven required courses accomplish this, including the freshman courses which everyone takes. But compare this with the last principle—“teach in an atmosphere of freedom.” Both faculty and students at the Institute are given a great deal more freedom than at many other colleges. Individual faculty members are free to select and pursue their own research projects. New methods of teaching are constantly being tested and, when approved, are adopted. The student at Caltech lives by an Honor System which takes the place of many rules and regulations.” It is true the Honor System is a unique freedom, certainly worthy of mention. But in reality it is about the only (academic) freedom the undergraduate does receive. For on the other hand, principle one tells us that fundamentals are shoved down our throats in eleven basic courses. I would maintain that eleven required courses is an unusually high number compared to other colleges. What's more, most of the courses are highly structured because the faculty finds it necessary to convey this central core of fundamental material. I would therefore revise these principles, pointing out more specifically in what areas undergraduate freedom really does lie, and that, in fact, it is not in selection of courses or what is studied within the courses.

Genuine enthusiasm

The section on the faculty begins with: “A good faculty must consist of men who are leaders in their fields and who are able to stimulate students and sharpen intellectual competition among them. They must have genuine enthusiasm and a continuing desire to move ahead toward the goals of effective training. The California Institute of Technology has such a faculty.” No one will deny that Caltech's faculty is competent. Whether or not it generally conveys enthusiasm in teaching is another story. Many in fact are unimaginative teachers. Some give the impression that teaching interferes with their research. I would suggest that the quoted generalization about the faculty as teachers be removed.

One, two, three, many

Now *Facts About Caltech* turns to student life. Here we may question if “many” is the right word to describe the quantity of assemblies held in Beckman, or whether the number of students who go skiing second term is significant enough to mention. Otherwise the facts are essentially accurate. What is flagrantly wrong is the emphasis. Caltech is made to look like a country club where midterm and final exams are occasionally interspersed with athletics, social events and student government. I don't know of any undergraduate who comes close to leading the day-to-day life implied in the booklet. Revising this part would be difficult. Caltech student life is hard to describe in words. One has to be here awhile before he can learn to love, hate, or grow apathetic to it. The personality of the place could still be conveyed much more accurately; incorporating parts of the *Little T* into *Facts About Caltech* would certainly be some improvement.

Now that I have reviewed what *Facts About Caltech* exaggerates and distorts, I would like to point out one thing it makes too little mention of—the new humanities options. The booklet has not really been rewritten since 1965 when humanities options were introduced. The only mention of this radical change for Caltech (besides the appendix where options are listed) is a tacked-on paragraph at the end of the section on student life. If Caltech really intends to build a strong Humanities and Social Science Department which is more than just a refuge for disillusioned scientists and engineers, it will have to attract high school students interested in majoring in the humanities. In its present form, *Facts About Caltech* is not written to do this.

One may defend the distortions in the booklet by arguing that Caltech has to use Madison Avenue techniques to attract new freshmen. Morally, however, it is not that simple. The percentage of students who either flunk out or transfer in four years is high enough to indicate that perhaps a significant number are deceived before they arrive. Perhaps some would have been prevented the agony of coming had they been provided with more honest information than *Facts About Caltech* now gives

them.

I have suggested revising the booklet to match the Institute. A more desirable solution, however, would be the opposite. Though no one wants to see Caltech turned into a country club, it would be wonderful if the booklet could honestly say that students are given freedom instead of academically being spoon-fed, and that the faculty is enthusiastic about teaching. Until these changes occur, however, I insist that the Institute, and more specifically the student body, has a moral obligation to see that *Facts About Caltech* is rewritten.

Barry Lieberman

More Pot

(Continued from page 1)

mistakably clear: 91 percent of undergrad LSD users started at Caltech, and 83 percent of undergrad marijuana users. When asked about future use, 50 percent of the undergrads and 73 percent of the grads stated that they have firmly decided not to use marijuana, with the corresponding LSD statistics 65 percent and 80 percent. Freshmen show more firmness in this decision than other undergrads. Those already taking the drugs have no marked inclination to stop their use.

Caution: May Be Hazardous . . .

When questioned on whether they thought the effects of the drug harmful or beneficial, 58 percent of undergrads thought marijuana relatively harmless, while 67 percent labeled LSD as possibly or definitely harmful. Experiences with the drugs were often found to be beneficial or harmless; many users held that taking the drugs was a worthwhile experience. Reasons for not using the drugs are chiefly non-interest or the health risk.

The statements by students on why they take drugs, or why not, were very well expressed in general. These two comments sum up rather well the two sides of opinion:

Loving

For: “It's hard to see what my primary reason is; the first time, I guess just curiosity and for kicks. But both drugs have been very helpful in sorting out the tangles of a confused adolescent mind. Not that they have shown me any solutions, but

(Continued on page 3)

Notices

OFF-CAMPUS UNDERGRADS!!

There will be an important meeting tonight, at ten o'clock, in the coffeehouse, to give all undergraduates living off campus a chance to talk about academic life at Tech and what might be done to improve it.

BUDGET DEFENSE

All organizations which have submitted budget requests to ASCIT should make certain that a representative attends the BOD meeting next Monday night (April 17) at 7:15 p.m. in Winnett Clubroom 2.

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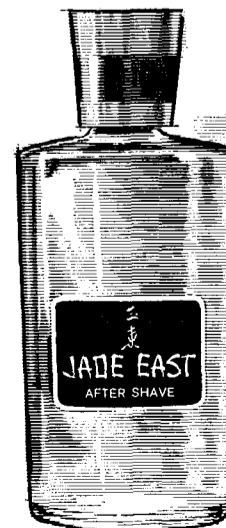
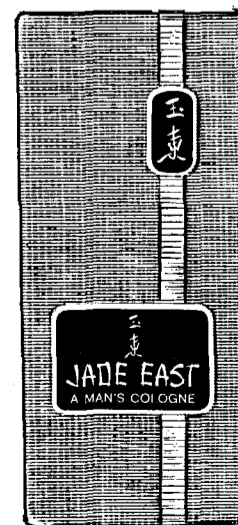
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Westside Study Center Helps Community

by Hecht

The Westside Study Center, in Pasadena, helps members of the local Negro community who are concerned about their lack of reading ability. This includes his songs "Fortran," "Blue many people, since this Negro community believes that some 85 percent of the Negro graduates of the Pasadena high schools read only at fifth grade level.

Caltech became involved through the efforts of Lester Lees, Professor of Aeronautics, who is active in local politics. The YMCA has been sponsoring tutoring for about a year and a half. People from Caltech participate in a series of meetings every other week, designed to give Negroes and whites the opportunity to have frank interaction.

The center was organized by Atron Gentry and two others. Gentry has gathered about himself a group of vigorous young Negro leaders. All of the work done at the center is voluntary; no one is paid.

Those involved in the project have found that working on job opportunities and interaction with the local police take as much time as does the tutoring. The job program, over the summer, kept enough youths off the streets to avoid obvious unrest. Tutors find their work difficult because of noise, inadequate facilities, and people failing to keep appointments due to the unofficial nature of the center.

The greatest difficulty experienced by the center as a whole is lack of money and poor facilities. The people involved are not experienced enough in soliciting funds to have much success. The Office for Economic Opportunity provided temporary support for the job opportunity program last summer, but no permanently reliable source of funds has been found. Burt Housman at the YMCA has more detailed information and is willing to answer questions.

More & More

(Continued from page 2)

they have helped me to increase my understanding of many things. I think they have made me much more aware of beauty both sensory and intellectual. They are both very loving experiences."

Crutch

Against: "I do not believe that it is necessary to use artificial means, such as alcohol, marijuana, opiates, LSD, or other drugs in order to comprehend or live life to its fullest degrees. I believe that a normal, healthy human being can appreciate life best in the full possession of his natural physical, mental and emotional faculties. To the extent that any artificial means are used for the purpose of altering these faculties, a person's ability to understand reality is decreased. In addition, if such artificial means are used as a psychological crutch, such as to forget one's problems or to be at ease socially, then a person's capability to cope with life is further decreased. The above represents my primary reason for not using drugs."

Teckers to Rally

(Continued from page 1)

a matter of fact, she caused trouble on several campuses between administration and students because of her open avowal of Communism.

Total commitment

To insure maximum participation in the San Francisco rally, plans have been made to convey a large number of students from Southern California via all forms of transportation and to provide accommodations for them during their stay. A bus and several cars are leaving from Pasadena to take students from PCC, Caltech, and high schools. The turnout from Caltech is expected to be between 40 and 50 students, which figure is surprising to most people as Caltech is regarded as a rather apathetic campus. But apparently there is more social conscience on campus than commonly thought.

CaliforniaTech

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Four Juniors Win Trips to Europe

Four imaginative Caltech juniors have won a summer traveling and studying in Europe as a result of their efforts in the Junior Travel Prize competition. Marshall Schor, Earl Glen Whitehead, Jim McWilliams, and Sanford Pokras will tour the Old World while pursuing their special interests. The four winners were selected on the bases of scholastic excellence, a written proposal of travel and study, and personal interviews with members of the Travel Prize Committee.

The world beyond

The Travel Prizes, instituted in 1957, are designed to give the winners a first-hand acquaintance with foreign countries and people. The Travel Prize Committee, chaired by Dr. J. H. Rich-

ards, feels that trans-Atlantic contact and competition can do much to encourage interest and self-education in international affairs. In addition, the committee feels that the very act of competition is of great value and awakens in the competitors many latent and productive interests in the world beyond our shores.

Organic research

Each winner's proposal was convincingly prepared and well-researched. Competition will be the keynote of Pokras's project, which consists of sailing the waters of Europe and examining the features of European crew and yachting. Youth politics is Jim McWilliams's interest, and he will be conferring with students in Ireland, Holland, and Spain. A more scientific project interests Whitehead as he plans to study air pollution, meteorology, and tree-ring problems. The fourth proposal, by Marshall Schor, deals with the study of organs and organ music under a noted organist in Northern Germany. It looks as if Europe's sports, politics, science, and music are going to be thoroughly scrutinized by our travelling Teckers.

Gruening Groans

(Continued from page 1)

Treaty, and President Johnson's promises to the American people.

He quotes Johnson from October 21, 1964: "We are not going to send American boys nine or ten thousand miles away from home to do what Asian boys ought to be doing for themselves." He also quotes other similar promises made by the President.

He accuses the administration of double talk. Americans are told that dangers from the Soviet Union are decreasing daily, and that the consular treaty proves this. But the same administration claims that the dangers of Soviet aggression in Europe are great enough to warrant a troop commitment of 300,000 men. Gruening proposes that enlisted members of the Armed Forces be sent to Vietnam. They agree to follow orders as they entered voluntary service. But draftees are forced to obey orders. "The draftee has no choice. But he does know that he is being sent to fight in a war which the Congress did not declare. And he does know that under the Constitution—which he must swear to uphold and defend when he is inducted—only the Congress can declare war."

In 1966, 110,000 soldiers had deserted the South Vietnamese Army. The President proposes a draft of about 100,000 young men. Gruening strongly questions "drafting American youths to go to Vietnam to replace the South Vietnamese draft dodgers." He asks instead that draftees be sent to Europe, and that experienced military personnel in Europe, who volunteered for service, be sent to Vietnam.

Beagles, Etc.

(Continued from page 1)

seeing an occasional shaven face across the (so far) clean and unscarred counter, one can retreat almost effortlessly from the worries of Teckish life for a time limited only by one's drinking speed.

Redlands Students Flout Regime; Invite Aptheker

by Jon Haviland and John Ottensmann

Not realizing what we were getting ourselves into, we went out to the University of Redlands last Thursday to attend the final session of their three-day symposium on "The Student and the University." Along with over a thousand of Redlands' 1400 students (who are required to attend such convocations) we crowded into the Chapel for the first speaker. Prior to the introduction of the speaker Don Stillman, president of the student body, announced that Bettina Aptheker would debate the war in Vietnam at noon in the Student Union in defiance of a University policy banning Communist speakers from the campus.

After the morning's speech, Dr. George Armacost, president of the University, who was sitting up on the stage when Still-

man made his announcement, told the student body that there is no threat or decision made in advance as to what action will be taken in a disciplinary way for those who have issued the invitation to Miss Aptheker. He also found it necessary to state that no police force would be used to break up the debate.

Necking

At noon, over 700 Redlands students jammed their student union to watch the debate between Aptheker and Dave Kramer, a Redlands honor student. The debate was very similar to the one held at Tech the day before. After the debate, we talked to Don Stillman to see if we could be of any assistance. It was only after talking to Don that we realized the extent to which these students had stuck out their necks—to the extent of possible expulsion.

Despite a student body more apathetic than Tech's, over a thousand students signed a petition supporting the action of Stillman and the other student leaders. At the time we are writing this article, no definite action has been taken by the Board of Trustees, who are responsible for Redlands' closed-speaker policy.

Intestine discord

We admired the intestinal fortitude of Don Stillman and the other students who invited Aptheker to speak at Redlands. They were willing to take drastic action to bring about a necessary change after previous attempts at getting the closed-speaker policy changed had failed.

Band in Concert

(Continued from page 1)

Beth, and Franck's symphonic poem "Psyche and Eros."

Genes

The well-known voice of Dr. J. Kent Clark, professor of English, will be featured in the second half of the concert, when the band will accompany him in his songs "Fortran," "Blue Genes," and "Down at the Burbank." The ensemble will also play selections from Alpert's Tijuana Brass, Lope's "Gallito—Paso Doble," themes from Italian movies, and Osterling's march "The Nutmeggers."

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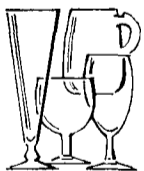
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With some beers maybe the glass doesn't matter. But when the beer is Budweiser, our brewmaster holds strong views.

"I like a glass with plenty of room," he says. "Size is more important than shape. A big glass, say one that'll hold a full bottle, is best."

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Budweiser

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Cross to Run in Boston Marathon

Peter Newell Cross, Caltech's tireless distance runner, will be competing in twenty-six-mile-plus Boston Marathon, April 19. This will be the first time in history that a Tech athlete has made the trip to Boston to compete. The **California Tech** is in a large part responsible for Pete's participation as it was an editorial in the **Tech** that first strongly urged that he be sent.

At first it was not at all clear that Mr. Cross would have this chance to compete at all. The Athletic Department could not authorize necessary \$200 for the trip. Thanks to vigorous campus support, however, the necessary funds were raised and Pete's trip was approved.

Cross Country

Pete, a senior in the Division of Biology, is the holder of Caltech records in the 1-mile run (4:22.0) and the 2-mile run (9:41.5). Both records were set last year. Cross was also Tech's number one cross country runner for two seasons. His only previous experience in a marathon race, however, was last December when he participated in the Culver City Marathon. He completed that course in 2:45:21.0—good for 17th place.

Extrapolation promises Pete a reputable finish in the Boston race. He will have the added incentive of running in his home state as he is from the Cape Cod town of East Sandwich, Massachusetts.

Bridge for Teams

There will be an I.M.P.-scored team game at the Caltech Bridge Club Monday night. All Houses are encouraged to send their I.H. team to practice for the Interhouse Tournament. Pairs without teams will be assigned teammates.

TECH Sports

Fleming Favored in IH Basketball

Interhouse competition was resumed last week. The sport in season now for Caltech's gung-ho undergraduate intramural athletes is basketball. Except for football, which comes later this term, this is the last in a series of seven sports in which Interhouse athletes compete this school year. Through the competition so far completed, the seven Houses stand as follows: Page, 247 trophy points; Fleming, 211; Lloyd, 156; Ruddock, 144; Dabney, 123½; Blacker, 121½; Ricketts, 117. Page was last year's Interhouse Champion and threatens to repeat this year. Fleming, however, promises to be a strong challenger, and Lloyd is the only other House with a chance to win.

Cellar

So far in the basketball competition, Page is out front (not counting yesterday's games) with a record of 2-0. She is followed in order by Lloyd (1-0), Ricketts (1-0), Dabney (1-1), Blacker (0-2), and Ruddock (0-2). Fleming has not played yet. Fleming and Page are favored to be the leading contenders for the basketball crown, with the game between those two Houses the portable determining factor. They meet next Wednesday. Fighting for the cellar should be Blacker and Ruddock, with the game between them deciding that. The other

three Houses—Lloyd, Ricketts, and Dabney—will fight it out for the middle positions.

Here is our predictions: Fleming, 6-0; Page, 5-1; Lloyd, 4-2; Ricketts, 3-3; Dabney, 2-4; Ruddock, 1-5; and Blacker, 0-6. It is not unlikely that a given team will lose to each team listed before it.

CIT Scott Tennis Tournament Set

Caltech's annual Scott Tennis Tournament is scheduled for later this month on the CIT tennis courts. This tournament is open to all Tech undergraduates who are varsity tennis players or high school lettermen in tennis or who have special permission from Coach John Lamb. Individuals interested in participating should see Coach Lamb on or before April 14. Drawings will be posted on April 18.

Great Scott!

A Novice Tournament will also be held for non-lettermen and for men who have never participated in Interhouse tennis. Interested individuals may sign up with Coach Lamb on or before today, April 13

Winners of the Scott Tournament get their names inscribed on a permanent trophy. Last year's winner was Tom Buckholtz. Information about both tournaments may be obtained from Coach Lamb.

Caltech Clobbers Listless LaVerne

The cindermen of Caltech came through in fine form last Wednesday when they humiliated the intercollegiate track squad from LaVerne College by the score of 109-36. The Beavers were quite impressive in the seventeen-event meet as they racked up twelve first places, thirteen seconds, and nine third place finishes. The meet was held at Caltech's track.

Forty-three of CIT's points were earned in the seven field events. Teck swept the discuss one-two-three as junior S. Rock Levinson won the contest with a toss of 133'6". Completing the Beavers' sweep were senior Craig Carlyle and freshman Mike "Baby" Ruth. Teckers John Barnard, Jim Marable, and Leo Lomeli, respectively, pulled off another one-two-three sweep in the pole vault. Barnard sailed over the bar at 12' for the victory. All three vaulters are freshmen.

Elsewhere in the field, sophomore George Fox and junior Greg Brewer finished first and second in the long jump with efforts of 20'6¼" and 19'1¼", respectively. Levinson and Ruth heaved the sixteen pound shot 45'2" and 41'3", respectively, for another one-two finish. Sophomores Lonnie Martin and Tom Burton managed second and third in the javelin, respectively. Fox was second in the triple jump; he hopped, skipped and jumped 41'¾". Finally, Ron Peterson cleared the high jump bar at 5'8"—good for third place.

Clean sweep

Caltech won both the 440-yard and 1-mile relays in :44.0 and 3:34.3. In addition, the Beavers swept the mile run (Dave Kolb, 4:49.6; Jackson; Pete Cross), the 440-yard dash (Jim Stanley, :51.2; Fred Lamb; Jim Andrew), and the 440-yard intermediate hurdles (John Cummings, :58.4; Lee Schultz; Eric Jensen).

Tecker Robert Tarjan won the 220-yard dash in :23.2; Lamb was third. The Engineers finished first and second in the 120-yard high hurdles (Schultz, :15.6; Burton), and the 2-mile run (Cross,

9:44.6; Kolb). Mike Meo and Brewer were second and third in the 880, respectively. Tarjan hustled to second place in the century.

Century-100 yards

All and all, Caltech spikers had their best afternoon of the season in routing LaVerne. Their victory last Wednesday brought their season's record in dual meets to 3-3. Their next meet is set for Saturday at Caltech against Pasadena College.

Netters Net None

The varsity and freshman tennis squads each lost two dual meets last week. The Pomona varsity and frosh easily disposed of the CIT squads by scores of 9-0 and 6½-2½, respectively, in matches played last Thursday. The varsity teams clashed on the Beavers' courts; the frosh met at Pomona. Nobody on the Caltech varsity came close to winning as Pomona completed a clean sweep. At Pomona, the Caltech frosh fared much better than their varsity counterparts. Glenn Prestwich and Mike Sperry came through with fine wins of 6-3, 6-3, and 8-6, 6-2, respectively. The ½ point came when the team of Sperry and Guy Duesdieker split sets with the Pomona team before darkness set in.

The Caltech squads lost again to Occidental College last Saturday. The varsity lost 8-1 as Jim Leininger won his match 6-1, 6-0. The frosh were defeated 9-0 by the Oxy freshmen.

Baseballers Lose Sixth in a Row

The Caltech nine dropped three games last week in a very unimpressive series against Harvey Mudd College. The Stags from Claremont trampled the Beavers in a single game at Claremont last Thursday 7-4 and in a doubleheader at Caltech last Saturday 11-0 and 10-4.

Plague upon both houses

Errors plagued CIT in all three games as all seven runs scored in the single game were unearned, and the Teckers committed five errors in Saturday's doubleheader. In addition to fielding, another major weakness from which Coach Ed Preisler's squad suffered was an unfortunate inability to hit the baseball well. However, sophomore Craig Helberg was an outstanding exception as he collected three hits in the doubleheader.

Beavers gnaw

All three Caltech losses last week were conference contests. That brought the Beavers' SCIAAC record to 0-4 and their overall record to 2-10. Caltech plays again today as she hosts Biola College in a non-conference game at 3:00 p.m. There is also a doubleheader at the Caltech campus this Saturday when LIFE College challenges the Engineers. Conference action resumes next Wednesday when Tech hosts a very strong Occidental team.

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