New Student Camp Found Unpopular in Fresh Polks

The results of a freshman survey revealed that the 1967 New Student Camp by the California Tech concerning the worth of the camp and the reasons why it was considered camp or to be of little value.

Approximately 75 percent of the freshmen responded that the camp's orientation could have been done in a better way. The other 25 percent were split evenly between those who liked camp and those that did not like it.

Most prevalent criticism of the camp was that speakers gave little on drums, and Stu Willy in New Student Camp tonight in Beckman Auditorium.

Jazz Quintet Performs Tonight
by Alan Stein

Tonight in Beckman Auditorium, music-loving Caltech students can attend a jazz concert featuring the Bud Shank Quintet. The concert, which starts at 8:00 p.m., is free to all Caltech students and personnel, but a ticket is needed for admission. Tickets may be obtained from ASCRT representative or the Beckman Ticket Office.

Bud Shank began studying the clarinet at the age of ten. Since then he has extended his talents to the alto, tenor, and baritone saxophones and the flute. He has played his professional career in 1946 with Alvino Ray and Charlie Barnet, and in 1946, he was named "New Star Alto" by Down Beat magazine. In the same year, Shank conducted a week after New Student Camp by the California Tech concerning the worth of the camp and the reasons why it was considered camp or to be of little value.

Future of Grid Squad

Will Caltech have a football team in the coming years? The question of whether or not to discontinue the intercollegiate football was seriously discussed at the last Tuesday's meeting of the Committee on Physical Education and Athletics. No definite action was taken, but a small number of the committee members favored chucking the team because of the complete lack of interest in it.

Dick Joke
One member of the committee stated that the football team is something of a "sick joke" among the students, and that there are more Caltech spectators on the bench than in the stands at most of the games. Another mentioned that football just drains away more money here at Caltech, while at most other colleges it is a source of money.

Also, the rest of the teams in the league are not particularly enthusiastic about playing football with Tech. A number of the teams lamented that any kind of football game is really being played. The 26 game losing streak was also broached. "The worth of any program is measured by its success, and any team that loses 26 games in a row with no prospect of getting better is not worth beams. While there might be some reasons for staying or leaving at this time, as the players themselves are concerned, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "*Extremely* football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "*Extremely* football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "*Extremely* football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "*Extremely* football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "*Extremely* football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "*Extremely* football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "**Extremely** football is a game that is not of the students' consciences, it is not really worth the trouble or effort of their studies." A member of the athletic department responded by saying that "**Extremely** football is a game that is not of the students' con-

Students Say

The Tech interviewed a few students concerning the football team. One student said "we should not give up as easily after the last two-loosing games." Another student, a freshman, did not even know that Tech had a football team in the first place, but added that since she did "we may as well keep it."
Ghetto Tutors Stultify Teckers

Should you drink beer straight from the bottle?

If you're on a blanket party or something, carrying along a glass is pretty clumsy. But when it's convenient, we think it's a shame not to use one. Keeping Budweiser inside the bottle or can is missing half the fun.

Those tiny bubbles getting organized at the top of your glass have a lot to do with taste and aroma. Most beers have carbonation pumped in mechanically. Not Budweiser. We go to a barrel of trouble and expense to let Budweiser create its own bubbles with the natural carbonation of Beechwood Ageing. So you really can't blame us for wanting you to get it at its best, can you?

Just for fun, pour your next four or five bottles of Bud into a glass. If you don't agree that the extra taste, clarity and aroma make a big difference, go back to the bottle. We won't say another word.

Budweiser®...best reason in the world to drink beer

Editorial
Priority Ratings of Scientists

In the current Tech series on “Scientific Advancements and Public Policy,” many of the contributions are avoiding a very critical issue which was mentioned to us by Dr. Daniel Kevel, Assistant Professor of History. This is the problem of priorities in science and technology.

The scientific community is one of the nation’s most influential interest groups. It has the power to influence officials at all levels of government, and it does. As scientific advancements proliferate, new areas of specialization open, and the demand for trained people and research funding develops. But even now the nation’s budget cannot sustain every demand for funding. With a war going on, belts must be tightened; some scientist will have to wait.

In many cases it is the scientists themselves who decide which research projects are worth funding. But they usually do this in the context that the National Science Foundation or the Atomic Energy Commission has already appropriated X million dollars for research.

What happens when a debate arises as to whether five billion dollars is better spent on the space program as opposed to the smog problem or rebuilding the nation’s cities? Should significant problems be used for the pursuit of scientific endeavors? The admissions office should provide freshman class needs, and the bookstore to purchase a textbook for a given course, and finding discrepancies with the preregistration figures, and check back if the preregistration figures are wrong. After preregistration, the registrar’s office should send each student’s order form to the bookstore, the number of books ordered is based on the number of books ordered, and it does. As scientific advancements proliferate, new areas of specialization open, and the demand for trained people and research funding develops. But even now the nation’s budget cannot sustain every demand for funding. With a war going on, belts must be tightened; some scientist will have to wait.

Usually, there is a variety of circumstances which contribute to such underestimates. At all levels of government, and it does. As scientific advancements proliferate, new areas of specialization open, and the demand for trained people and research funding develops. But even now the nation’s budget cannot sustain every demand for funding. With a war going on, belts must be tightened; some scientist will have to wait.

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Ghetto Tutor Program Dissatisfies

(Continued from page 2)

most sort of True Believer. As Eric Hoffer teaches us, the frustrated and those without opportunity often provide the best material for causes of any sort. These people offer themselves and their individuality for the security of righteousness and the common bond they hold with others in the movement. This cause may be the John Birch Society, a threat religious sect, the Communist Party, or US. These True Believers care for little but the furthering of their cause, never questioning its aims or methods, but carrying through its program until their initial frustrations cease or until the cause falters, at which time they change banners and still charge blindly onward crying "Rac- ism!"

This puts these ghetto tutors in a different light. I have been told that I was being "sensitized" by contact with Negroes, but as far as I am concerned, I might have listened to "der Fuhr er" in a Bavarian beer hall around 1930, and the racism would have been just as fast and thick. What I am trying to say is that these tutors were of far above-average intelligence and should have been most resistant to such an irrational surrender to a cause of dubious worth — the assertion of black culture through the destruction of the white culture. Their less intelligent brethren — the faceless mass that makes up the bulk of humanity — will be far more vulnerable to such a urge, as has been shown by Detroit, the rise of demagogues like Stokely Carmichael and Rap Brown, and the Careful Observer

rumbling of young Negroes ev- erywhere. So here is yet another strong reason for the need of Freedom Now! This slogan car- ries with it all the strength of the need for an end to these frustra- tions that are forcing more and more Negroes into this irrational surrender to a cause that seems to show a way to the freedom and equality that white America consistently withheld. In alert- ing Caltech to the urgency of the problem, in awaking it to the fact that this bloodbath Newswear and Time have been mentioning can, may, and will happen un- less everyone works together now to avert it, this visit, for all the unpleasantness it caused, has justified itself over and over.

For those Caltech students who have turned to race jokes and "Yeah I'm a white bior, haven't you heard?" I wish to add that US has not taken over the colored community yet, and that most Negroes, like people everywhere, are wrapped up in the mere business of living to worry too much about US. How­ ever, it would look like an un- run around unanswered, if all their predictions that the white man will never help the Negro continue to be fulfilled, then it is only a matter of time before the entire colored population will stand as one, and attempt to find their "identity" through the fire and flames.

(Continued on page 5)

Rusk's Containerism

(Continued from page 1)

were the United States not to aid the Republic of Red China to subvert her neighbors, no other country would. The inter- ests of democracy and the free world demand our involve- ment.

FULBRIGHT: But this war, Mr. Secretary, is not being fought by Chinese in order to conquer Vietnam. Indeed, if it were war you would find much less opposition to the extension of democracy to your own and my colleagues. This war is a civil war, a war between the north and south of Vietnam.

(Continued on page 5)

Into the Incubator

Good Ol' School Daze Again

by Jim Cooper

Frosh Edward B. Barrelmaker of the Mythological Institute of Theocracy gazed uncom­ prehendingly down at the blackboard. Professor Laser Prime was in his best form, and not only was Laser­ remaker in a fog thicker than any London had seen, but other Frosh men were also nourishing themselves on the copious quantities of pea soup.

The lecture in Basic Theocratic Relationships was continuing as Bar­ remaker slid down the Silly, comfortable road into unconsci­ onousness. The interjection of philosophy of virous labor as well as the homogenizing of the masses culminated exothermic in nature', as we will be­ come to see, as the long-expected mix thirty militant Negroes with thirty members of the John Birch Society. If we allow — no­ mumble, mumble, mumble, . . . we mumble — Bar­ remaker is contained.

The Dark Confuser turned from the blackboards in his chamber of metaphysical tor­ tures to his victims chained in the hot, humid atmosphere of the amphitheater. He marched with an evil grin and red cape carne crashing through the roof. A gasp of relief was heard from the victims as they realized that Super-Scientist had finally found them. With 95% of the speed of light, he landed beside the Dark Confuser and immediately proceeded to homage him with his Super Integrating Non-linear Homo­ geneous (SINH). With a wave of Super-Scientist's silk-butt, all visions were broken and the vic­ tims leaped up to their feet shouting "Freedom! Freedom!"

"Now," he cackled, "you all shall learn of the wrath of the Dark Confuser!"

He turned back to the black­ boards and not only was the con­ siousness of the victims still ob­ vious, the wand was waved again and with a loud "Shammi!" the blackboards were cleaned again.

Suddenly, a form in blue tights and red cape came crashing through the roof. A gasp of relief came from the victims as they realized that Super-Scientist had finally found them. With 95% of the speed of light, he landed beside the Dark Confuser and immediately proceeded to homage him with his Super Integrating Non-linear Homo­ geneous (SINH). With a wave of Super-Scientist's silk-butt, all visions were broken and the vic­ tims leaped up to their feet shouting "Freedom! Freedom!"

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Provincialism

Dr. A. J. Haagen-Smit

Some years ago the American Association for the Advancement of Science decided to tackle the problem of the role of the scientist in our social and economic structure and especially his role in the forming and directing of public policies. Its task was an almost hopeless one: it seemed a rather simple straightforward problem: nobody is for it, it does affect everyone and it takes governmental action at all levels. The Commission appointed by the A.A.A.S. studied many long weekends discussing this problem, listened to experts in science, technology, socio-economic, and legal matters and produced in due time the inevitable report, which came to the inevitable conclusion that: "The final decision on public policy must rest with those who are affected, that decisions on what to do about the facts — the actual weighing of risks versus benefits — should be a responsibility of the entire community, including scientists.

A special task was assigned, however, to scientists who should play an active role in informing the public policy makers of the facts and their significance. Webster tells us that a scientist is someone versed in science and we find further that science is defined as knowledge gained and verified by exact observation and correct thinking. The world has millions of scientists or at least persons who received a training which trained them to instill degree of objectivity in observation and judgment. In reality they represent a whole spectrum ranging from the opinionated to those who can't make up their mind on anything. Instead of objectivity we find that most of them are irrevocably bound to preconceived notions, religious, philosophical and political ones.

This heterogeneous group faces a social system which...
United States Policy Resists Chinese Aggression

(Continued from page 3)

RUSK: The winners in the war, Mr. Senator, will be the Chinese Communists... FULBRIGHT: If the Communists are on one side, we're on the other, isn't that so?

RUSK: We cannot tolerate aggression on the part of the Communists against a defenseless, non-aggressor.

FULBRIGHT: Come on, Mr. Secretary.

RUSK: Would you please let me finish, Senator Fulfright?

FULBRIGHT: Yes. Thank you. The Chinese Communist cannot be allowed to expand any further, and it is in the interest of the United States that no Communist power at all be allowed to expand any further. A necessity of this policy is the defense of the anti-Communist nations which are invaded or threatened by invasion, as in Thailand and in Vietnam.

FULBRIGHT: Fine, but where is the objective? Do we wish China from the face of the earth?

RUSK: Our job would be considerably easier if we could, I must admit. No, we have to work with the day-to-day realities of the situation, Mr. Senator. We are more or less reacting to the stimulus of Red China, and we've got to make it clear to the men in power over there that we mean to stop them.

FULBRIGHT: How far will we go in order to, as you say, "stop them"?

RUSK: We are willing to do all that is required to stop aggression...

FULBRIGHT: In spite of the fact that that aggression, that word is undefined after twenty years of debate in the United nations.

RUSK: We will go as far as they require us.

From Los Angeles to Houston to Washington, from Space Systems to Ocean Systems to Information Systems, young people are making things happen at TRW.

TRW Campusb success by association

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Much Ado About... The Abolition of Football at Caltech
by Paul Patson
The proposal of the Committee on Physical Education and Athletics to abolish collegiate football at Caltech is an absurd suggestion I’ve heard forwarded in the several years I’ve been a student here. Obviously the members of that Committee never played football or any other sport of similar caliber. For if they had, they never would have considered such a suggestion, especially for the reasons which they use to provide justification.

The proposal is the admittedly poor work of those technicians who are at the institute to help support the program which they claim is in question, but counting frosh as part of the measure of the success of the football program. They claim in that financial assets supplied by the schools isn’t. And I think that active participation should be the measure of the contribution each athlete makes to the program. The Committee seems to have its values distorted. The emphasis of football and of all athletics here at Caltech, according to the Athletic Department as well as the President, is Caltech’s position on the hilltop.

About Caltech, “it is on participation.” I think that’s where the emphasis should be and it is. And I think that active participation should be the measure of the contribution each athlete makes to the program. The Committee seems to have its values distorted. The emphasis of football and of all athletics here at Caltech, according to the Athletic Department as well as the President, is Caltech’s position on the hilltop. Participation is or should be if it is the point of view, the money issue.

Men Lose Pair
Wrestling coach Tom Gutman announced that official wrestling practices start Monday, October 30. All Caltech undergraduates interested in wrestling are invited to report to Coach Gutman’s office before that date in the gymnasium. It is absolutely necessary that all who participate attend the required practice, make the practice discipline for some (not those participating in concurrent sports) will be accepted after that date.

Engineers to Host LaVerne Tomorrow
Caltech’s new addition to the sailboat fleet has finally arrived. The Athletic Department has generously provided the finances for the 15-foot Flying Dutchman Junior. This small sailboat, two or three sailors and handles a very colorful balloon sailmaker. It can be used to train the sailors in the art of sailing and lift the boat in and it was designed for high performance planning.

With the addition of this boat, the Sailing Club hopes that sail- ing interests will mushroom on campus to the point of obtaining more of the Flying Juniors. With the increased dues this year, the Club is optimistic about securing a second new boat by Christmas.

The Sailing Club’s activities are not being limited to the new Flying Junior. Besides the continued use of Caltech’s four re- crational sailboats, the Club is encouraging racing and big boat cruising. Already more than a half dozen members are racing on 30-footers and longer.

The Club has plans to organize an experienced crew list for large boats and help provide opportun- ities for those with less experience to gain new. Los Angeles area yacht clubs welcome a source of experienced crew, and the club hopes to locate owners willing to develop those without experience.

Caltech Distance Men Lose Pair
The Crossmen cross country team lost its second meet of the season, against Oxy on Friday, October 13. The meet proved that Oxy again outclassed the conference. Oxy won the meet with a perfect score, 15-0, as freem runner Taruff finished first for Tuck, followed by Schneiringer and Ledford. Smith and Meo completed the scoring for the Beavers.

Coach Mack’s runners lost again at the three-mile Caltech course on October 20. A meager number of supporters watched as Pomona won, 26-31. Ledford again at the three-mile Caltech course on October 20. A meager number of supporters watched as Pomona won, 26-31. Ledford and Smith taking fifth course on October 20. A meager number of supporters watched as Pomona won, 26-31. Ledford and Smith taking fifth.
Think you’re as clever as a big advertising agency? Then enter Security Bank’s “creative contest.”

1ST PRIZE: A two-month summer job in the Creative Department of Young & Rubicam, Inc., Los Angeles.

2ND PRIZE: A Security Bank savings account with $100 in it.

3 CONSOLATION PRIZES: $50 Security Bank savings accounts.

The ads must be about Security Bank or any of its services. The five winners will be selected on the basis of advertising submitted and personal interviews. All contestants must be college students. Our decision is final and all ads become our property. The winning ad will be published with the writer’s by-line.

So be creative!

These three ads were done by said big agency. The one below is all yours:

Cut out and complete this ad.
Send as many entries as you wish... postmarked no later than midnight, November 10, 1967, to:
College Contest
Young & Rubicam, Inc.
615 S. Flower Street
Los Angeles, California 90017

The ads must be about Security Bank or any of its services. The five winners will be selected on the basis of advertising submitted and personal interviews. All contestants must be college students. Our decision is final and all ads become our property. The winning ad will be published with the writer’s by-line, So be creative!

Make your financial partner

Security First National Bank

"Lending a Hand" by Emilie Renoir. Another enduring study from Security Bank’s “Famous Painters” series. We’d like you to think of Security Bank as being enduring, too. Start a permanent banking relationship today.

*Image credit: Courtesy of Security First National Bank*
"What does IBM offer a Ph.D? I'd say diversity. But judge for yourself when they're here November 9th."

"I think IBM's worth listening to because the advantages that attracted me are even stronger today. (This is Gary Kozak, Ph.D. in Analytical-Physical Chemistry, an IBM Development Chemist and Project Manager.)

"At IBM you’re constantly working with people doing advanced work in many different fields. That's a great asset to any scientist because today's problems are often interdisciplinary. You can't solve them with one kind of background. You need inputs from three or four different kinds of people.

"A good example is the solid logic technology used in building the IBM System/360. The EE tells you how many conductors you'll have, where they go, and what should be at the terminals. An ME designs fixturing and automatic processes. A Polymer Chemist formulates insulators and says how they should be used. The Metallurgist specifies alloy compositions. The Physicist decides how to optimize a process for producing transistors and diodes. And all these people have to talk with each other and help each other.

"It's a stimulating environment, and it keeps you technologically sharp. Of course, to do all this interfacing with other disciplines, you need a free and informal atmosphere, and IBM has it. It's a good place for a scientist to work."

There's more to the IBM story than Gary has mentioned. You can get all the facts when we interview Ph.D.'s on campus. Make an appointment at your placement office, even if you're headed for military service.

Or if you can't make a campus interview, send an outline of your interests and educational background to Mr. L. H. Covert, IBM, Armonk, N.Y. 10504. We're an equal opportunity employer.