



Roving TECH photographer caught these two B&G men slaying away at their jobs one day last week.

## Snake, VR, and TBP Frosh Awards Given at Assembly

by Fishbone

Campus personalities presented honors and awards to House and individuals at last Thursday evening's Spring Awards Assembly at Tournament Park.

Lloyd led the Houses in honors on being presented with the Goldsworthy Interhouse "Snake" by Dr. Huttenback and with the Discobolus Trophy by IHC Chairman Eric Young. Coach Nerrie then presented Page with the coveted Interhouse Sports Trophy, while Dabney received the Varsity Rating Trophy from Mr. Musselman. Caltech's own Dr. Langmuir chaired the festivities.

Bob Tarjan received the first individual award when he was named Tau Beta Pi Frosh of the Year by the organization's president, John Tucker. Following this, the varsity and frosh coaches proceeded to honor the winter and spring athletes.

### Five-stripe general

As the evening drew to a close, three truly noteworthy awards were presented. Coach Emery presented the Caltech Outstanding Athlete award to Pete Cross

for his tremendous performances in cross country and track. Following this, Emery presented last year's soccer coach Lee Andrews with a five-stripe sweater for his years of successful service to the soccer team. Finally, the student body honored Mr. Musselman when Athletic Manager Craig McAllister presented him with an ASCIT honor key.

### Laureled jocks

Coach Preisler spoke about the basketball team, and then honored Terry Bruns with the Vesper Basketball Trophy, an award based equally upon sportsmanship, improvement, moral influence, and scholarship. Mr. Yandel then gave George Fox the Carl Shy Frosh Basketball Tro-

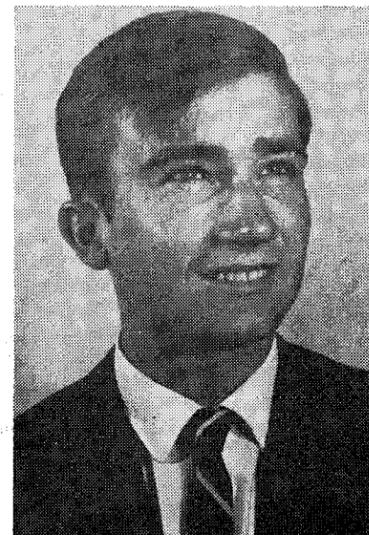
phy for his spirit, teamwork, improvement, and attitude. Coach Mehringer completed the winter honors with his presentation of the wrestling letter winners.

Lonnie Martin, an outstanding all-around frosh athlete, received the Alumni Baseball Trophy from Coach Preisler for his sportsmanship, moral influence, playing ability, and individual improvement. Preisler and Coach Bond also praised the remainder of the baseball team.

Coach Emery awarded the Campbell Swimming Trophy to Henry Dewitt. Members of the teams selected him for this honor because of his sportsmanship, ability, and improvement.

Coaches LaBrucherie and Barthel eulogized the track team's exploits of the year and then honored Pete Cross with the Goldsworthy Track Trophy. His fellow letter winners selected Cross because of his sportsmanship, team spirit and proficiency.

Coach Lamb announced the victory of Tom Buckholtz in the Scott Tennis Tournament, and Coach Cassriel gave a capsule history of the golf team's season.



Pete Cross, Athlete of the Year, looks up at his girlfriend and grins.

The absent-minded scientists who missed registering for the draft test still have a chance to make up their blunder. The fourth and final Selective Service Qualification exam will be held this June 24, and the deadline for application is June 1. Forms await you in the Registrar's Office.

## New Campus Buildings Considered For Future

by Firestone

The only acknowledged spot on campus where nude girls can be found at least once a year will soon be tumbling to the ground, to be replaced by an infinitely more valuable structure dedicated to the geophysical sciences. Yes, Culbertson Hall, scene of many a hot election contest, is to be torn down.

Culbertson will not be the only building to leave us, though. The machine shop behind Guggenheim and the receiving dock behind Kellogg will also fall. However, most of the equipment has already been moved to the newest structure on campus, the building of the Central Engineering Services located on Holliston, north of San Pasqual.

Central Engineering Services is scheduled to open next Wednesday, June 1. It is designed to be the new machine shop and a central warehouse for large pieces of equipment. There will be work done here for the synchrotron and a new telescope, the money having been donated by Oscar Meyer of hot dog fame.

In place of the old buildings on California a new hall of applied mathematics and a new physics building are planned.

The destruction of Culbertson has already brought out some

problems. There are offices located there now and before Culbertson can be torn down a new site must be found for them. It is almost certain that the new building will be located on the south side of California, and one of the suggested spots is presently occupied by two tennis courts. Some students have already objected to losing the two courts but it is not certain this will be the exact spot. Possibly two more courts would be added to the south if two of the present ones were lost.

### Pasadena is tipsy

When the new geophysical buildings completed it will concentrate on seismological work. This is partly due to the great emphasis now being placed on the structure of the lunar surface. One of the present labs now in the main seismological center will be moved down here. There

(Continued on page 4)

## Election Results

The Board of Control elections this year witnessed a rash of runoffs, as did the Frosh Class Officers Election. The eventual winners were:

### BOARD OF CONTROL

Blacker  
Dabney  
Fleming  
Lloyd  
Page  
Ricketts  
Ruddock

Jim McCulloch  
Stacy Langton  
Rich Saulney  
Bob Piccioni  
Dave Goodmanson  
Larry Dillehay  
Rob Dickenson

### FRESHMAN CLASS OFFICERS

President  
Vice-President  
Secretary  
Treasurer  
Athletic Manager

Lonnie Martin  
Gregg Wright  
Steve Harper  
Larry Shirley  
Greg Evans

### SOPHOMORE CLASS OFFICERS

President  
Vice-President  
Secretary  
Treasurer  
Athletic Manager

Len Erickson  
Craig McAllister  
Dave Shirley  
Greg Brewer  
Henry Dewitt

### JUNIOR CLASS OFFICERS

President  
Vice-President  
Secretary  
Treasurer  
Athletic Manager

George Sharman  
John O'Pray  
Luther Perry  
Bob Miller  
Don Blair

## Trophy Goes to Lloyd

Lloyd House scored a comeback victory in the Interhouse Bridge Tournament in Winnett Lounge last week. Each Student House entered a team of four into competition.

Every team consisted of a North-South pair and an East-West pair, and each team played ten hands against every other team. The first time the hand was played, one House was North-South, the other was East-West. Later the hand was re-played with opposite Houses sitting North-South and East-West.

### Points for consistency

The scoring was a modified I. M. P. standard that assigned points by the difference in the scores the two times that a hand was played between any two given Houses. The I.M.P.'s were modified slightly to victory points, which were to place an emphasis on consistent play and were the final basis to determine the winner.

The first evening half of the

hands were played and Ricketts took the lead with 38 IMP's. The Scurves had beaten every House except Lloyd, which was in second place with 26 IMP's. Most of the pack was centered at zero, Page slightly in the lead, while Dabney was at minus 70 or so.

### Second round different

The second evening saw some large swings, with Ricketts knocked out of the lead by Ruddock and Dabney, who never were in contention. The Lloyd team, consisting of Cary Eklof, Jesse Grodnik, Arunas Barkus, and Bob Wilson, clobbered Dabney, Blacker, and Ruddock. It tied Page and was negative against Ricketts and Fleming, but managed to win with 299 victory points. Ricketts could only muster 276 victory points, although they were positive against every other House. Page was third with 269 followed by Fleming, Blacker, Ruddock, and Dabney, in that order. Lloyd took the trophy from Fleming, last year's victor.

## Opinions on Coffeehouse Expose Students' Discord

by McCord

Student opinion strongly in favor of a Coffeehouse but also much disappointment among the students with the current situation at Roma's, was the mood of Caltech students determined by an informal California Tech opinion poll.

There is almost unanimous agreement that the service is lousy. Adjectives such as atrocious, pitiful, ridiculous, and abominable are frequently used to describe the agonizingly slow service. The general consensus is that it requires from 30 to 50 minutes for a Tecker to get any food. Alan Harris complains that upon taking a date to the

Coffeehouse, because of the delay in service, he did not get her home in time; "seems like the place is run by B&G."

Not only is the service apparently slow, but some Teckers take offense at the attitude of the waiters. For example, Doug Gage feels the "attitude of the people who run the place is utterly dis-

(Continued on page 5)

## Plans for "The Strip", Talent Show, Released

by Jeff Hecht

Richard Feynman playing bongo drums, Marshall Schor's hi-fi harpsichord, and Steve Clamage playing Ben Dembart's electric 2 x 4 will be among the highlights of "The Strip," or "I Didn't Know Caltech Had Any . . ." the first annual ASCIT talent show, to be presented tomorrow night at 8:30 in Beckman.

Feynman, Ricardo Gomez, Sue Werner, and Paul Richards will be among the faculty and grad student representatives in the cast. Steve Clamage and Eric Jones, seniors known profession-

ally as "steve 'n' eric," will sing the type of folk ballads that has earned them note. Rege Cordic, KNX radio personality, will be master of ceremonies. He helped publicize the talent show by having Clamage appear on his show at 7:30 Tuesday morning.

The production, directed by freshman Dan Nemzer, is designed to show a poor lost frosh's reaction to life at Caltech. Junior Dan Erickson, who wrote the script, is playing the role of the lost frosh. He is the beneficiary of some very untypical experiences—like a blind date with blond Helen Peters, of ASCIT play fame. Cordic will make some observations on Dan's progress and on Caltech life as it is portrayed.

### Cast of characters

Fred Lamb, ASCIT president, will introduce the show. Performers include John Bennett, playing his own compositions on the piano; the Evil Cousins Jug Band, led by Mike MacLeod; a Dixieland band headed by Walt

(Continued on page 3)

## Editorial

## R.W. Gang Is a Fine Man

In my last editorial "Barefaced And Greedy", which appeared in the previous issue of the **California Tech**, three general complaints were enumerated: first, late (or none at all) warnings on repairs; second, that preventing unnecessary repairs was mainly impossible; and third, that some repairs billed to the Houses, which should have been absorbed by the room and board, were not.

Unfortunately, to many individuals, it seemed as though these charges were leveled at Mr. R. W. Gang, the Manager of Residences and Dining Halls, and against the Housing Office in general. **THIS IS NOT TRUE!** Ever since Gang has taken over E. E. Taylor's job, he has done a fine job of treating the Houses fairly and accurately while checking the excesses spawned by B&G. The complaints were based entirely on B&G's mistakes and old bills which are left over from E. E. Taylor's administration and are **not in any way related to Gang's present good work in the Housing Office.**

In the first place, the notices of repairs on the Houses have no longer been neglected; notices of all repairs are sent to the treasurer, president, and Resident Associate of the Houses **one week** in advance of the actual repairs. The Houses have the entire week to consider the repairs and talk to Gang about them, and he has been more than willing to listen and noted for his fairness when dealing with these complaints. He is, perhaps, the first head of the Housing Office willing to do this.

Due to Gang's diligence and concern for the Houses, all B&G bills concerning the Houses must now go through the Housing Office. In this manner, the randomness and mystery in the repairs billings have been completely eliminated.

Over the past years, the students have been assessed for room damages sometime after the end of third term. The first time they saw the bill was at the beginning of first term the next academic year, after all chance to check these charges had long passed.

Now, however, due to Gang's new policies, the assessments will now come before the end of this term, so that the students have ample time to check the room charges. Furthermore, the Housing Office has been more than reasonable with such charges.

To summarize, the students are no longer being billed for repairs they haven't heard about; they are no longer being shafted by fait accompli room changes; and no longer can B&G indiscriminately bill the Student Houses and get away with it. Gang deserves **all** the credit for these changes, and praise for his success at the near-impossible task of curtailing B&G bureaucracy.

—John Middleditch

## Caution on Coffeehouse

The experiment at Roma Gardens has revealed that there is a broad base of support for the establishment of an all-night retreat for Teckers weary of poring over symbol-ridden pages. An added feature of the Roma Gardens prototype, however, is a number of mistakes which we hope will not be repeated in the future.

Because Caltech students are accustomed to getting all they can eat for \$1.35 for dinner or \$.95 for lunch, the prices will have to be extremely economical. Not only will students complain that they are not getting their money's worth, but they'll take their business elsewhere, to more expensive places unless the Coffeehouse discount is a significant one.

Science students are also not particularly famed for having an excess of spare time on their hands, especially Caltech students. When a Tecker goes out to eat, he cannot tolerate waiting almost an hour to be served. His time is much too valuable, and would be better invested if he had studied during that time.

More space will also be required for next year's Coffeehouse to attain success. Thirty or forty male college students crowded into one room are bound to create a somewhat unpleasant atmosphere to eat in, and one which female college students in particular would not appreciate. Bigger tables, two or three rooms, and bigger chairs will be prerequisites to any serious attempt to institute a viable Caltech Coffeehouse next year.

—Meo  
Middleditch

## Huttenback Heads For London With Summer Research Grant

Dr. Robert A. Huttenback, the genial abbot of the Student Houses, has been awarded a grant for advanced research which will enable him to study for three summer months in London at Cambridge University on the study of the history of India's northern frontier between the years of 1846 and 1901.

The Grant, given by the Amer-

ican Council of Learned Societies and the Social Science Research Council, was also awarded to 22 other scholars this year. Huttenback's study will put an emphasis on the development of British policy toward that region. (Huttenback is already considered as the cat's pajamas in the realm of history of the

(Continued on page 3)

## Continued Controversy Over Caltech Coaching

## Editors:

Because I have many personal ties with the athletic department, I prefer to remain anonymous; and in doing so, probably forfeit any chance of having this letter published. But after reading this week's editorial, I cannot remain unheard-from.

The editors express the opinion that Caltech students are biologically inferior athletes and that the students here should accept this fact of nature that God has somehow revealed to these two persons. NONSENSE! One example suffices:

**A friend of mine, who played varsity for a high school team which lost to Jefferson in the semi-final round of the city championship, came to see one of our games. He was appalled! He told me after the game that man for man we had as much talent as the other team but that he had never seen such a shabby display of basketball. He was amazed at the lack of discipline and coaching. We showed so little teamwork, so little spirit, that he could not imagine wanting to play for such a "team."**

And it is no secret, especially among the players, that this situation is almost entirely the fault of the coach. The players know in advance that they have three strikes (or five fouls, if you will) against them to begin with. As a result, some fine players don't even bother to go out for the team. Others that do go out quickly lose their interest and desire. A good coach could have had a good season this year. If the players are willing to put in the time, they should be given a chance to win.

It is time we got rid of the present basketball "coach" and get a basketball coach.

Anonymous

We heartily recommend you read the following letter, Mr. Anonymous, and go see Prof. Langmuir. If you have no workable solution to the situation, don't complain. And sign your name the next time.

M & M

## Editors:

The undersigned, being one of the "powers that be" in athletics at Caltech, is available for discussion of any subject in connection with the athletic program with any student at any time. My office is Room 115, Steele Laboratory. My preferred method of communication is orally, face to face, rather than by letters to be published in the **California Tech**.

Although there seems to be some unrest among the troops, only one student, an editor of this paper, has seen fit to call on me. I believe that the methods of Saul Alinsky should be used after normal methods of communication have failed.

**Robert V. Langmuir**  
Chairman, Faculty  
Committee

On Physical Education  
and Athletics

The **California Tech** welcomes any letters on subjects of student interest. We reserve the right to make grammatical changes and to withhold unsigned letters from publication. The deadline for Thursday's paper is Monday night; deadplace, the **Tech** office in Winnett Student Center.

★ ★ ★

## Berman Slashes Tech Journalism

## Editors:

Your last article on the new Coffeehouse had to be an all-time low in journalistic endeavor. In essence it was an editorial, poorly disguised as an article by an obviously misguided reporter.

To place the blame for the abortive situation there—absurdly slow service, impolite, even rude waiters—primarily on the customer is inaccurate as well as inexcusably biased writing. If your reporter couldn't quite master the objectivity required of all newspapers, the least he could have done was to offer reasonable and constructive solutions to the problem.

Instead of suggesting that the Teckers refrain from amusing themselves by balancing the saltshakers on edge (a diversion probably resulting from the boredom of an hour's waiting) he should have advocated an increase in the waiting staff, a more civil manner from both Teckers and Roma Gardens' personnel, or possibly a complete change of the Coffeehouse location.

I am confident that your future articles involving subjects of student interest will be better—they couldn't possibly be worse.

Gary S. Berman

## Siegel Warns of LSD Dangers

## Editors:

The recent article (May 12, 1966) reporting Dr. Nicholas Berce's talk concerning hallucinogens in general and LSD in particular describes the "acid world" as a Nirvana and suggests that anyone who wants to "come alive" should "join the Peyote (LSD) generation." The article also quotes Dr. Berce as saying that he would "hate to see people going to jail for trying LSD—once," and implies that there is no harm in anyone and everyone trying this drug at least once.

**This is far from the truth and I am quite certain that Dr. Berce would agree for he knows better—or at least should know better.**

Every responsible investigator of LSD, and there are many, agrees that LSD is not an innocuous drug and that it needs further careful and thorough investigation. At present our knowledge of LSD is very sparse and there is much to be learned. They also agree and have emphatically stated that LSD should be administered only to **carefully selected subjects and only under carefully controlled and structured conditions.**

One of the peculiarities of LSD that has been noted is that the "basic personality" of the individual and the specific environment and conditions under which the drug is taken determines the effect the drug will have. Psychiatric hospitals throughout the country, and especially those associated with college and universities, have been reporting a progressively increasing admission rate of individuals suffering from serious mental and emotional derangements due to LSD ingestion. This increasing incidence is cause of much concern.

It is true that most so-called "normal" individuals who take LSD have a transient psychotic (hallucinative) experience of only several hours duration. (And don't be misled. It is a psychotic experience in the truest sense). Others may have a psychotic episode lasting from several more hours to days, weeks, months or even years.

Some may have delayed and recurrent psychotic episodes of varying duration.

I know of one individual who was still experiencing recurrent episodes of intense hallucinations five years after a single dose of LSD and in whom these episodes were unquestionably precipitated or triggered off by the LSD experience. Still others may recover from the immediate hallucinatory or LSD "ecstasy" to find that they are left with anxiety, depression and/or other mental and emotional symptoms of such a degree and intensity that it interferes with their life and may be incapacitating.

Some individuals may have a transient excursion into LSD "ecstasy" and returned to their premedicated state of psychological stability after their first dose of LSD, but after the second, third, fourth or etc. ingestion may have a serious undesirable reaction that may also be prolonged. Lots of unknowns, don't you agree?

This is an extremely potent drug, as the article correctly points out. It has its effects, presumably, on the central nervous system. To advocate or even permit indiscriminate use of LSD at this stage of very incomplete understanding and knowledge of the effects of this drug on the brain with its related organs and the total personality is not only foolhardy but irreparable.

Let me remind you that it was not too long ago that Cocaine was widely advocated and used as a safe topical anesthetic. Because of associated effects noted it was then widely prescribed as a perfectly safe analgesic and tranquilizer (euphoriogenic) and was widely heralded as a much sought for panacea, free from any harm, for many conditions. The rest is history.

Unfortunately, the individual who wishes to try LSD is the least qualified to judge whether or not he would be a suitable and safe subject for an excursion into "transcendence." I seriously doubt that the person who has taken LSD is qualified to attest to the harmlessness of LSD on

(Continued on page 3)

## California Tech

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## LSD Experiences Unreal

(Editor's note: The following open letter was received by your intrepid editors a couple of weeks ago, and is presented for your enjoyment at this most propitious moment. The authors have all attained their degrees at Harvard University in the last two years, in specialties closely related to hallucinatory drugs.)

### Editors:

The use of drugs—from marijuana and amphetamines to LSD, DMT and peyote—is now a major controversy. Psychedelic or "consciousness-expanding" drugs can provide experiences so impressive and profound that more and more people are looking to them as the most immediate and effective way to deepen personal insight and expand awareness. That these experiences are impressive is a well-established fact with us; we have actively followed drug research from its earliest roots and are thoroughly familiar with the enchantments of almost every facet of psychedelic indulgence. Searching for lasting positive value, however, we concluded that drugs constitute only a subtle escape from the conscious effort that eventually must be made.

Although drug enthusiasts frequently turn to Eastern philosophers and spiritual teachings for metaphors to describe and justify their psychedelic experiences, no authentic teachings or guides have ever sanctioned the use of drugs in the quest of increased awareness and enlightenment. Here the statements of Avatar Meher Baba are pertinent. Baba is a non-sectarian spiritual Master—living now in India—who is acknowledged East and West as the authority on higher states of consciousness. (For one, U.S. psychedelic spokesman Dr. Richard Alpert recognizes Baba's mastery in this field.)

### Baba says . . .

When consulted about psychedelics, Baba replied: "The experiences which drugs induce are as far removed from Reality as is a mirage from water. No matter how much you pursue the mirage you will never quench your thirst, and the search for Truth through drugs must end in disillusionment. Many people in

India smoke hashish and gunja—they see colors, forms and lights and it makes them elated. But this elation is only temporary. It gives only experience of illusion, and serves to take one farther away from reality. The feeling of having had a glimpse of higher states of consciousness may only lull one into a false security. Although LSD is not a physically addicting drug, one can become attached to the experiences arising from its use, and one gets tempted to use it in increased doses, again and again, in the hope of deeper and deeper experiences. But this can only lead to madness."

**Our experience corroborates Baba's statement: drugs of any kind inevitably become a blind alley for self-fulfillment. To rely on external means is to ignore one's inherent capacity to realize his own greatest potential.**

Allan Y. Cohen, PhD

Robert Dreyfuss, BA

Frederick Chapman, AB

## While Meo and Middleditch Reply on Legislative Pitfalls

### More LSD Danger

(Continued from page 2)

the basis of his own experience. Anyone who has ever tried to convince a person with organic brain disease that he has organic brain disease knows the futility of his efforts.

I can confidently predict that if every student at Caltech or for that matter, any other college or university, were to take a single acceptable (?) dose of LSD, there would be such a large percentage of serious derangements and disturbances that the local psychiatrists would be kept very busy for a long, long time. I sincerely hope that no one will take my predication as a challenge.

Yes, as Dr. Bercel said, "LSD seems to be linked to schizophrenia." That's just the point. It is much too closely linked for comfort. Anyone for Russian Roulette?

**Daniel C. Siegel, M.D.**  
Consulting Psychiatrist  
California Institute of  
Technology

(Editor's note: Thank you very much, Dr. Siegel, for pointing out the dangers of the much-praised LSD. If the article accurately reflected Dr. Bercel's Freshman Dinner Forum address, then I think this newspaper has done its job.)

—Michael Meo

### Adios Huttenback

(Continued from page 2)  
British Empire).

The American Council of Learned Societies is a federation of 32 national scholarly associations devoted to the advancement of humanistic studies. The Social Science Research Council is a non-profit corporation advancing research in the social sciences.

## More Bongo And Snake Talents

(Continued from page 1)

Denekas; Rich Drews singing; the Ruddock House quartet; and Dave McKay on the piano. Overture and accompaniment is being provided by the Snake Pit Combo, 15 random snakes who hope to find room for their texts so they can troll away between numbers.

The sets, designed by Mike

# New Totem Even Better

by Stonum

This year's second issue of the *Totem* will soon be in your hands. This issue is larger than the first, and, on the whole, quite a bit better in quality. It is certainly much more diverse, both in content and authorship.

The featured piece in the issue is a pair of poems by Dave Sherlock from a set of four. The poems, "Wish" and "Dream" tell a very intensely emotional story of an unsuccessful love life. They give a dramatic effect of pathos in the cold rejection of the boy who has expressed such hope and joy. This effect is heightened by his looking towards the future, a future he quite expects to be as unsuccessful as the pres-

ent, but which he cannot reject, because of the slight promise of love it holds.

There are two long pieces of non-fiction, "The Learning of Science" by Gary Stonum and "Reflections of the New Deal in The Grapes of Wrath" by Michael Dole. The latter was quite obviously a term paper originally, but it is quite well-worked-out and contains some interest-

## Violence, Sadism and Mayhem Lend Beauty to "Kill" Games

by Dexter

People finding themselves shot at, bombed, gassed, or poisoned by wild-eyed fellow Teckers, be reassured—these apparent homicidal maniacs have nothing personal against you, they're merely mistaking you for their victims, in The Hunt.

### Points for elegance

The game is being run by "Al-luvial Fansome" of Fleming, referred to officially as Agent 0069. Interested participants, including four secretaries, are matched at the beginning of each round, each Hunter being given the name of a "victim" to "kill" in the most aesthetically satisfying way possible. Points are

awarded to hunters on the basis of elegance and originality, and to victims for avoiding getting "killed," "killing" their hunter, and so on. Points are subtracted for "killing" innocent bystanders, causing undue mayhem, or actually killing your victim, the latter being considered clumsy technique.

### Deadly bongos

This year's game has been more or less of a trial, to work out kinks and allow for a better game next year. Although no faculty members are participating this year, a certain fine man stated that he would join the hunt next year if other faculty members would; he was too busy to go around shooting students.

Present standings, with incomplete returns in, have Jim Stanley in the lead with five points; Nancee Fossum (one of the secretaries), Duke Sun, and Luther Perry with four each, and John Bennett with three.

## The Critical Ear

by McCord

Once again Bill Cosby, TV star and comedian, has come out with a hilariously funny comedy album, "Wonderfulness", a must for all of his fans.

Cosby fans may be somewhat disappointed that there is no further elaboration of his immensely popular Noah routines, perhaps the keynotes of his previous albums. Nonetheless, in "Wonderfulness" Crosby again illustrates the talent that has made him one of the most humorous comedians in the U.S. today.

The underlying theme of this new album is childhood. To many Cosby is sure to bring back nostalgic memories of tonsilectomies, go-carts, radio dramas, and school while he relates wildly comic stories of his childhood in a uniquely Cosby style.

Half the first side of the album is devoted to tonsils. Although he gets off to a slow start in this sketch, Cosby is sure to have you rolling with laughter at the mention of ice cream by the end. Bill then goes on to prove how parents are out to kill their children; accomplishing this in a manner that keeps you always laughing.

### Help!

The flip side of the album is as hilarious as the other. Talking about how he used to listen to radio dramas, notably Inner Sanctum, Cosby keeps you more than amused by his actions as a young boy becoming frightened with the idea that a monster chicken heart is coming. Equally humorous are Bill's adventures in school. The final sketch about Niagara Falls, although funny, does not compare to the other sketches and is a disappointing close to a truly hilarious

ing ideas.

Stonum's essay is inferior in organization and clarity, but contains some intriguing original ideas about scientific education. His basic thesis is that to produce greatness in a scientist or any creative person, his ego as well as his intellect must be educated. Stonum advocates a master-apprentice system of pedagogy as the most psychologically sound for both the teacher and the student.

### Darwin daunted

Steve Alfin has written a science fiction story called, "Why No, I Thought You Were Immortal." It is concerned with the first time traveler who travels to the future to find out if the human race will survive the Atomic Age. He finds a world quite unconcerned with his era and its petty squabbles. Insulted by everyone he meets, he resolves to return and try to annihilate the ancestors of this supercilious world.

### Horny Toads

There are several humorous pieces in the issue. Mike Heinrich's delightfully grisly poems are illustrated by Steve Alfin. The anonymous "Tragicomedy in Two Scenes and No Acts" presents a familiar theme, disgust for the cultural and social life at Caltech. It contains some devastating gibes at exchanges. Alan Dittich's short commentary on advertising in America is the funniest piece in the issue.

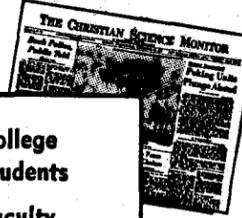
Barry Lieberman has written a political allegory veiled as a short story. Essentially it is an unexciting decial of United States foreign policy, especially foreign aid. However the form in which it is presented considerably heightens its appeal.

There are several minor poems in the issue, each with good

(Continued on page 8)

album.

The album was recorded live at Harrah's in Lake Tahoe and at times the background noises are a little disconcerting. Even so, the album is quite well done and well worth buying. A must for all comedy fans "Wonderfulness" is certain to be one of the top comedy albums of the coming year.



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# Excomm Clearing Radical Proposals

by Tim Hendrickson

A parking-lot work area for student automobiles, a more pertinent blue book, Caltech's 4000-acre farm, and the embarrassingly outdated ASCIT Resolutions have been topics of Executive Committee action this term.

**The new ASCIT Excomm considers itself a clearing-house for new and relevant ideas — your ideas — and a coordinating body for special requests. The eight-man body is out to accomplish something this year; what has been done thus far is only a good beginning.**

For example, much still must be done before the car work area is a reality. Located probably in Tournament Park north of the AFROTC installation, the work area has several important undetermined parameters: How many stalls should there be? How is construction to be financed — by ASCIT and the graduate houses, perhaps? How can we insure proper maintenance and cleanup by those who use the area?

### Finals can be fun!

As long as we are paying five cents apiece for our blue books, why not make them more relevant? When the current backlog of old bluebooks runs out during second term next year,

Excomm hopes to have a superior product available.

It is not very well known that Caltech does have a ranch, part of a trust. The ranch is located just south of Santa Paula on Highway 99. Students are said to be welcome, but arrangements from a recreational standpoint are not yet clear.

### Help wanted

Finally, the confirmation by the BOD of the Excomm's suggested changes to the Resolutions includes such clarifications as the loser of the Mudeo paying one-third expense of the Lost Weekend Prom, rather than paying for a non-existent Frosh-Soph Prom.

There remain significant issues to be tackled first term. Do we want an alternative to the abolished Election Rally, and if so, what? How can we overhaul the athletic award structure to eliminate extensive and expensive duplications? For what should we use the Winnett

### Inquire within

The members of Excomm — chairman Tim Hendrickson, Fred Lamb, Gary Christoph, John O'Pray, Rich Flammang, Ed Segunie, Greg Lutz, and Larry Shirley — welcome your opinions on these or any other issues.

## More Buildings to Squash Parking Lots

(Continued from page 1)

will be classrooms in the new building as well as labs, however, and the structure will be used by grads and undergrads. There will probably not be any seismographs located here because of Pasadena's lack of rigidity.

The future holds more expansive ventures for Caltech. Bids are due next week for a new building of chemical physics to be located north of San Pasqual and west of Campbell (the greenhouse). This should be completed a year from this summer.

In addition a new lab is slated for the Big Pines area for radio astronomy. There is even talk of putting one somewhere in South America.

Bouncing back to the tennis courts, a new cyclotron may well be put underneath the present courts. This would probably mean the business services offices of Culbertson would be located farther west of the courts.

In the meantime the baseball bleachers will be put to good use by being torn down. Two new buildings are to be built there, one for central heating and one for central cooling.

Future plans for expansion involve buying land all the way to Del Mar avenue. This will mean pushing back the Keck parking lot as the school develops. Park-

ing is not foreseen as a problem for the school. Right now there are facilities for 2000 cars and the most that have wanted to the most that have ever wanted to crowd in here is 1700.

And as always Millikan still climbs. The heralded day is still set for sometime in April of next year, when barring strong winds Caltech will at least have the tallest library around.



Ma 108 will bite.

## Three New RA's Will Find Houses

Hans Mueller, Paul Richards, and John French have been chosen as the new Resident Associates. They will replace the RA's from Dabney, Ruddock, and Page.

Mueller is an aeronautics student hailing from Cologne, Germany, and is a soccer player. Richards is an Englishman in geoscience. He did his undergraduate work at Cambridge, and is presently donating his talents to the Glee Club. French is in engineering, from Connecticut via Harvard. He was on the crew team there (not beer), and won three Henley gold medals. He taught two years in Nigeria before coming here.

Ruddock's Peter Lingane and Dabney's Paul Rispin are leaving because they are getting their PhD's at the end of this year. Charlie David, of Page, has resigned after much consideration because "although I enjoyed the job very very much," he wants to concentrate on his research thesis. A second reason is his feeling that "new blood" is needed in the R.A.'s post after two or three years.

# Quasars Indicate Big Bang Theory Likeliest

"Calling quasar 3C273 . . . Where aaaaarre you?" That's a debatable question in the company of astronomers. Dr. Maarten Schmidt, Caltech's well-known professor of astronomy, presented an outline of quasars and their history to an audience of about thirty freshmen and twenty other Caltech students and faculty at last Friday's Freshman Dinner Forum.

Quasar 3C273 is the brightest of the known quasars (i.e., quasi-stellar radio sources) and was first discovered to have a sixteen percent Doppler red shift by Schmidt here in 1964. Since this discovery others have found quasars with over 200 percent Doppler red shift. Doppler red shift of a spectral line is considered a rough but sound indication of the distance of an object.

The controversial location of 3C273 has aroused discussion around the world, splitting astronomers into two factions. The first group consists of those, including Schmidt, who have applied Hubble's distance-away-versus-red-shift chart and have concluded that 3C273 is about one and a half billion light years away. Next there are the astronomers who interpret the results of the synchrotron mechanism to imply that 3C273, along with the other known quasars, are intergalactic radio sources.

Schmidt's lecture necessarily centered about 3C273 since it is the most thoroughly investigated of the quasars. Later he discussed the implications of the red shift in extragalactic clusters of stars. This shift is actually an increase in the observed wavelength of the signal, due to the speed at which the source is flying away from us. From this data two theories have arisen, both of which come under the title "big bang" theory.

This logical appellation is derived from the fact that both theories hypothesize that the universe began with a large

explosion: one theory assumes that we are at the center where the explosion took place, the other makes no specification of the location of our galaxy in the universe. In either case we should observe red shifts in all directions, which we do.

**An interesting question one might ask is how fast the rate of expansion is decreasing (we know that it is decreasing at some rate). If the rate of expansion is decreasing slowly it would imply that we live in an open universe which will continue to expand; if the rate of expansion is decreasing rapidly then ours is a closed or oscillating universe and at some future date it will begin to contract.**

After his prepared speech Dr. Schmidt remained to answer questions. Regarding the progress of the Russians in the field of quasars Schmidt told of two Russians who stated that their statistical information indicated that quasars are not randomly distributed about the universe as most astronomers had assumed. Instead, they said, there appear to be areas which enjoy disproportionate numbers of quasars.

Unfortunately, the Russians' data was invalidated by the inherent bias in only counting those quasars which are known at this time. Obviously, the number of known quasars in an area depends upon the thoroughness with which the area has been investigated, and this is not uniform over all of the heavens.

## Gripes Now Open For Next Week's Hot Rivet

Where did you first read that the Master of Student Houses had requested students to stop carving the slogan "Dabney Eats It" around campus because "after eating it for thirty years, it has turned into it"?

It could only have been in the world-famous Hot Throbbing Rivet, the one issue each year when the California Tech settles down to serious journalism. It was here that it was first revealed that the physics department would quit in protest over having to take undergraduate P. E.

Now your chance has come to write for a real newspaper; well . . . would you believe a reasonable facsimile of a newspaper? . . . would you believe the California Tech? The Rivet needs you.

The chance has come to let the venom of the accumulated year spill out into print; take advantage of the opportunity for libel to become legal just by changing a letter in some poor innocent prof's name. Where else could you call Dean Eats'm a bell-bottomed humanity's pansy and Dean Dong a senile old forty-year grad student?

The deadline for the throbbing is May 30 and stories will not be accepted unless they are

offensive. Get even with the world. Vent your overloaded spleen upon the Caltech faculty. Smear, libel, hate, fame, no fortune await you as part of the red-hot, pulsating Rivet.

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## Notices

### LAST FROSH DINNER FORUM

Tomorrow Dr. Robert P. Sharp, chairman of the geology division, will speak on "Geological Speculations" to the Frosh Dinner Forum in Chandler at 6 p.m. Sign up for a meal transfer or come over after you eat.

### JOIN THE BROWN-IS-OUT-TO-LUNCH-BUNCH

Help elect Ronald Reagan the next Governor of California. Youth for Reagan, Caltech Chapter, now organizing. Send name and address to Dave Close, Page. No dues.

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# VISTA Seeks Volunteers to Fight Compassionate War

"An organization that fights poverty with deeds, not dole, needs tough and compassionate people," according to Glenn Ferguson, director of Volunteers in Service to America.

"When our VISTA Volunteers land in a city slum or an Appalachian hollow, they immediately discover problems that weren't covered in the sociology textbooks. They're grim problems, for poverty is a grim business, and the Volunteers have to be strong enough to act, to endure, and smart enough to understand."

In describing the organization he heads, Ferguson said: "VISTA doesn't offer its Volunteers much money. It doesn't offer the glamor of foreign travel. I believe it's probably the most spartan and most dedicated arm of

the entire war on poverty. It offers the singular chance for a person to find out if he has enough courage to spend a year of his life in the often thankless task of helping others."

VISTA, he said, "is not a job for the squeamish or the theoreticians. It isn't easy to find volunteers. We've got to count on a special kind of people. People who care. People who mean what they say."

"The squeamish can't take the squalor and the heart-break and the theoreticians find their pet theories shot down five minutes after they confront a 17-year old dropout who thinks that a 47-cent bottle of wine and a 50-cent reefer are the only way to start the day."

A Volunteer's principal equipment, Ferguson said, "is determination, compassion and perseverance. It takes all three."

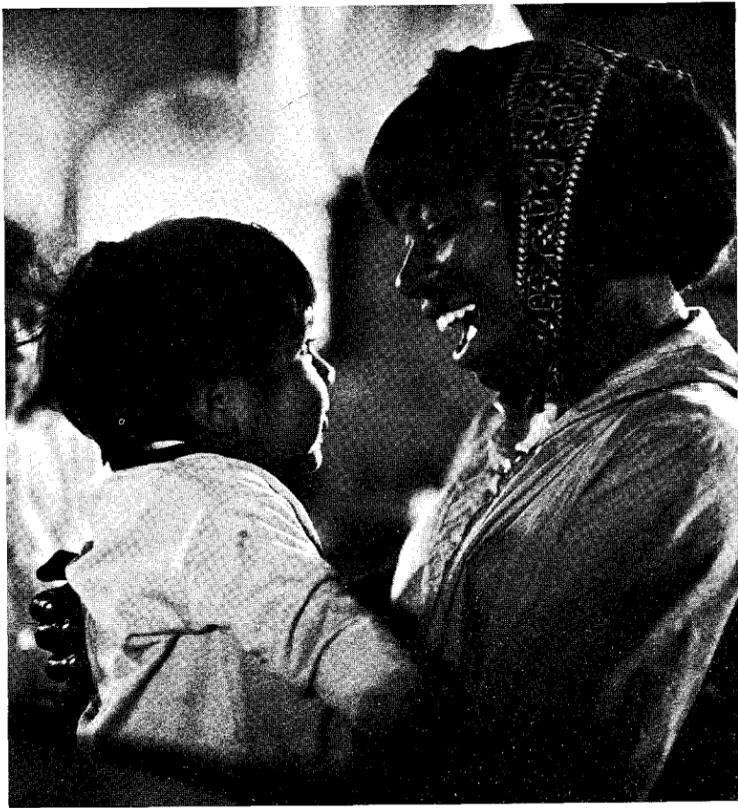
He said that VISTA "is calling the bluffs of people who claim to be concerned. Their year in VISTA will take them deep into the lives of others. I can think of nothing more fascinating than that."

The college-trained, he said, "have the background and the knowledge to make excellent Volunteers. If they have the necessary emotional and mental stamina, they move high up on our list of prospects."

"So far, college campuses have proved to be a most productive source of good Volunteers," he said.

## the **VISTA VOICE**

A publication of Volunteers In Service To America



**WILEASE FIELDS, 22, was so well received by the Pima-Maricopa Indians whom she trained among that the Tribal Council asked her to stay with them for the rest of her year of service. She is a graduate of Maryland State College.**

## VISTA Aids Indians In War Against Want

The 1960's could have gone down as the decade in which the American Indian fought his last battle against his oldest foe—poverty—and won.

But the odds still weigh too heavily against the reservation-bound Indian. He suffers from disease, malnutrition, polluted water, high infant mortality, and

a life expectancy of 42 years.

The average Indian per family income is \$1,500 a year—less than a quarter of the national average. Unemployment is around 40 percent—eight times the national average.

Nine out of 10 of the nation's 385,000 reservation Indians live

(Continued on Page 3)

### 261 Assigned to the Hollows

## Poverty-Stricken Appalachia Provides Daily Challenge to VISTA Volunteers

Although Congress has earmarked more than a billion dollars to help cure the economic ills of Appalachia, the first tangible sign of the new prosperity seen by the citizens of Davidson, Tennessee, is a 250-book library built and maintained by VISTA Volunteers.

The library in Davidson, a new day school in Kentucky, and a tutoring program in North Caro-

lina are some of the first results of the massive attack on poverty in the Appalachian region that stretches from New York to Alabama.

These programs are the work of more than 261 VISTA Volunteers who have been assigned the task of breaking through the apathy, hopelessness and resignation that grip the Appalachian communities where the coal has

played out, the young people have left, and tomorrow offers less hope than yesterday.

In Davidson, home of the 250-book library, five VISTA Volunteers attack poverty in this region where two surveys have estimated the per capita income to be approximately \$200 a year.

The Volunteers work for the LBJ and C Development Corpo-

(Continued on Page 3)

## VISTA's College-Trained Acceptance Rate Hits 75%

Seventy-five percent of all college trained persons who apply to spend a year of their lives in service to America as VISTA Volunteers are accepted, Glenn Ferguson,

director of VISTA, has announced.

The high rate of acceptance of college students and graduates by VISTA is attributed by Ferguson

to the "initiative, commitment, and adaptability of college students." These characteristics, considered highly important for the Volunteers, are "continually demonstrated by young college volunteers during training," he said.

"In fact," Ferguson said, "more than three-fourths of all VISTA Volunteers now serving in the nation's poverty areas are between 20 and 24. Of these, approximately half have completed from one to three years of college and another 16 percent are recent graduates."

Sargent Shriver, the War on Poverty director, said recently that the college trained "are bringing their gifts of education and encouragement to the tenement alleys and back country roads. They have received one of the truly great benefits of our society—an excellent education. In VISTA they will be able to share this benefit with others and confirm the humane values which our colleges and universities represent."

(Continued on Page 3)

## VISTA Tops Peace Corps Growth, Shriver States

After 11 months of operation, VISTA has done "better than the Peace Corps at a comparable stage of development," Sargent Shriver, the man who until recently ran the Peace Corps, told a Washington press conference.

At the 11-month mark, VISTA had 1,477 Volunteers in the field or in training in 39 states and Washington, D.C. That figure has now increased to more than 2,000 Volunteers.

During a comparable period, Shriver said, the Peace Corps had 820 Volunteers, either on overseas assignment or in training. According to Shriver, VISTA plans to have 3,500 Volunteers in the field by June of this year.

"The Volunteers are the heart of the war on poverty," he said. "In community after community they have shown that deprived and isolated people are willing and able to make a new, constructive effort with encouragement and skilled assistance."

He pointed out that VISTA is seeking Volunteers from the ranks of the poor as well as from college campuses. "People who have

grown up in poverty," he said, "have a special understanding to contribute."

Shriver said, "The War on Poverty takes money. But money alone cannot win the war. Dedicated, skilled people are needed to bridge the gulf between the poor and the rest of America and to start the process of regeneration in America."

Shriver also pointed out that the demand for VISTA Volunteers is outstripping the supply. He said that a total of 7,831 Volunteers have been requested to serve in 577 projects in the District of Columbia and every state but Hawaii and Iowa.



**EXPLAINING MEDICARE to older residents of rural Knox county, Kentucky, has become one of Volunteer Marilyn Berman's varied tasks. The 21-year-old graduate of Cornell University is working on community development in the Appalachian heartland.**



**BETSY REEVE**, a Volunteer at Hooper's Bay, Alaska, talks with some of her well-bundled pupils outside her home. A graduate of the University of Wisconsin, Miss Reeve chose to work in Alaska and is serving with more than 50 other Volunteers in the state's isolated villages.

# VISTA Volunteers Go North of Nome

Fifty VISTA Volunteers have fanned out of Anchorage by bush plane and boat to man their war on poverty outposts among Alaskan isolated Eskimo villages.

One of the Eskimo requests is for Volunteers who know something about improving the breed of Alaskan reindeer. If they can furnish some tips on preserving this season's catch of walrus meat, so much the better.

The 50 Volunteers are the first of 200 who are needed to help the state's indigenous population of approximately 60,000 Eskimos, Indians and Aleuts who rank as the poorest economic group in the nation. Many of these families live on less than \$1,000 a year. Half of the adults have had less than five years of school and nine out of every ten families live in substandard conditions.

The Alaska Volunteers took their training at the University of Alaska at Fairbanks, where they were introduced to village life and the customs of the people who are not only the poorest Americans, but also the most isolated.

• *The majority of the Volunteers now work among the Eskimos in western Alaska and north of the Arctic circle, but they are also found among the Indian communities and in urban centers such as Anchorage. Part of their*

training included special instruction in how to prepare for long periods of awesome weather and for days without sun.

Requests for Volunteers poured into VISTA's Washington headquarters from more than half of the state's towns and villages following a letter from Senator E. L. Bartlett explaining that the Volunteers could help make the settlements "better places to live." The letter was sent to all village headmen.

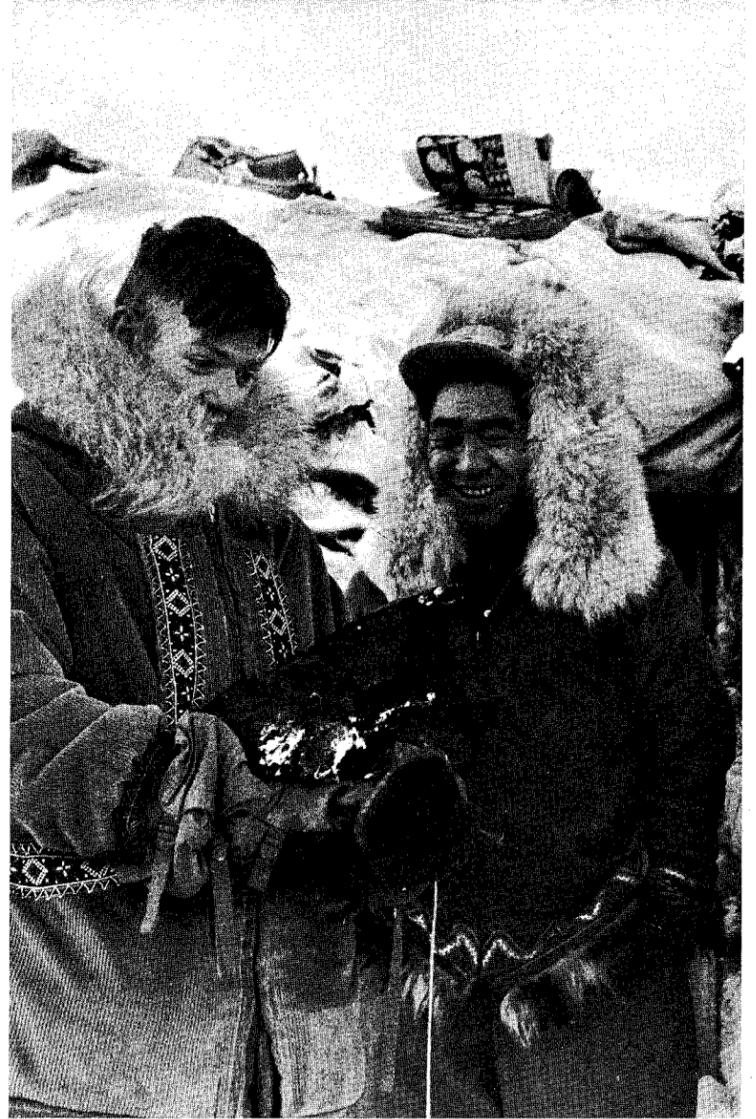
Eskimos are a tough people who excel at living close to nature. The Volunteers will assist them to participate in many of the state-wide service programs that operate under the direction of the Alaska Department of Economic Development and Planning.

Speaking to the second contingent of VISTA Volunteers to be sent to his state, Alaska Governor William A. Egan told them that "the VISTA Volunteers who have preceded you into rural Alaska are already playing a significant role in the effort to upgrade village life.

"Some villages never heard from are now part of the Alaskan community of the whole because of the efforts of VISTA Volunteers. For example, results of a recent election in one such village were brought to the attention

of interior Alaska residents through a letter written to a major newspaper by a Volunteer living there."

• *Pointing out that most of the Volunteers would be assigned to the western and northwestern areas of Alaska, Governor Egan said: "Here you will face a great challenge, perhaps the greatest of your life . . . if you did no more*



**DENNIS SCHMITT** examines a piece of coal brought down to Anaktuvik Pass, Alaska, by a tractor which he helped the village to obtain. Previously, the coal was packed in by dog sled. Before joining VISTA, Schmitt attended the University of California at Berkeley where he majored in philosophy.

than articulate the special, pressing needs of these villages, you would be performing a great service.

"In no other situation would you have such an opportunity to use your own judgment and implement ideas."

The Volunteers can be found performing a variety of wide-ranging jobs. They have built sawmills and taught music to Eskimo children. At Bethel, a Volunteer helped to construct a breakwater to prevent flooding of the village during spring thaws.

• *At nearby Hooper's Bay one of the Volunteers' main concerns is to explore the possibility of building a small "flash" freezing plant to help exploit the abundant fish resources in the area. The fish cannot be marketed now because there are no facilities to preserve them.*

Further to the north, at Anaktuvik Pass, a Volunteer has managed to get a tractor for the village to assist in hauling coal down from the mountains for winter fuel.

While doing all this the Volunteers must spend a certain amount of time fishing and hunting so they can eat. Although certain staples are provided, the principal items of their diet will be the same as their Alaskan neighbor—seal, fish, reindeer, caribou and game birds.

The Volunteers have learned to pack ice for water, to ride a dog sled, and to memorize the recipes for reindeer stew and bear steak.

In many villages, the outstanding form of recreation is to greet the arrival of the mail plane. To help fill this gap the Volunteers are developing recreation programs for children, youth and adults. They also encourage community efforts to provide facilities for meetings, libraries, health services, and social activities.

• *In addition they are conducting pre-school classes, tutoring students, and carrying on an adult education program. Other projects include health, education and community sanitation projects*

*(Continued on Page 4)*



**VISTA Volunteer John Shively**, University of North Carolina graduate, and **Gay White**, who attended the University of Colorado, stroll beside a frozen river at Bethel, Alaska. Shively helped to build the pilings at right which will prevent flooding and erosion during spring thaws. Miss White teaches school.

# VISTA Aids Indians In War Against Want

(Continued from Page 1)  
in housing without running water, sanitary facilities, safe heating, or electricity. The infant mortality rate is 70 percent higher than for the rest of the nation.

The outcome of the Indians' war against want depends in large measure upon how much help and encouragement they receive. Many of the Indians are undereducated, underskilled, and for the most part, underfed. Help to relieve these conditions is needed desperately.

• More than 200 Volunteers from VISTA are now working on half of the Indian reservations in the nation because they feel that the Oglala Sioux and the Mille Lac Chippewas need help now, not next year.

One of those who is helping is Patrick Krijaz, a recent graduate of the University of Minnesota, who is now known around Gallup, N. M., as the "alcoholic VISTA Volunteer." Krijaz got his title from the fact that he concentrates on working with al-

coholic Indians, helping them to get sober, stay sober, and assume a productive role in society.

Elsewhere in the state, a six-sided, dome-roofed hogan is home for Karen Murkett, Norwich, Conn., who is spending a year of her life among the Navajos on their reservation near Lukachukai, Arizona. A graduate of Wheelock College with a degree in pre-school education, Miss Murkett drives a school bus some 30 miles a day to pick up her 15 four-year-old Indian students.

• Krijaz and Miss Murkett are typical of the first contingent of 218 VISTA Volunteers who have agreed to spend a minimum of a year on reservations throughout the country in an attempt to help the Indian achieve a measure of parity in American society.

The Volunteers now serve 49 tribes, which represent 50 percent of the total Indian population in 16 states. They work with the Seminole, the Crow, the Navajo, the Sioux, the Chippewa, and the Apache.



PATRICK KRIJAZ, University of Minnesota graduate, talks with the family of an alcoholic Navajo at their home near Gallup, N.M. Assisting the Navajo Tribal Council to fight the problem drinking among Indians, Krijaz helps patients treated for alcoholism to readjust to community life.



AS AN EXAMPLE to the rest of the neighborhood, VISTA Volunteers in west side Philadelphia cleaned up, repaired, and nearly rebuilt a dilapidated row house which will serve the girl volunteers as living quarters. Clearing debris are Mary Sullivan, University of Massachusetts graduate; Marean Brown, who attended San Jose State College, and Frank Rubright of Alma College.

## 75% of VISTA Applicants With College Skills Win Acceptance

(Continued from Page 1)

In selecting Volunteers, VISTA places emphasis on the quality of the individual rather than on specific skills. "We have projects for almost all skills," Ferguson said, "but the most crucial skill of all is the ability to listen, understand, and communicate with people. This holds true whether the volunteer is a liberal arts major or an engineer."

Liberal arts students who have become VISTA Volunteers set up libraries where none existed before, renovate rural schools, teach adult literacy, tutor dropouts, survey health needs, organize community meetings, lead pre-school classes, help mothers in day-care centers, direct recreation programs, conduct neighborhood clean-up campaigns, work with youth gangs and delinquents.

Vice-President Humphrey, speaking to students at the University of Minnesota, described the "special role for the college

students of today in VISTA." He called college training the key to service.

"Help clean up own own backyard," he urged. "We all owe something, everyone of us who is privileged to have an education. We owe something to the society that made it possible for us to have this education."

"The easiest thing for this rich country is to dole out cash," he continued. "What is more difficult is to be able to extend the hand of fellowship, the hand of assistance, the hand of education, the hand of training, to help people slowly but surely lift themselves."

The Vice-President said he believed that by spending a year in service to America, VISTA Volunteers will dramatically affect their own lives as well as the lives of the poor.

"You have the opportunity," he said, "to test your skills and principles in the service of your

fellow man under conditions which will give full scope to your abilities and imagination."

A year in VISTA offers unique practical experience to the students who plan to return to college, continue on to graduate school, or pursue their careers. Through work in widely varying fields, Volunteers often discover interest in careers which lead to the further study of medicine, education, social work, public welfare, law and public administration.

Living and working among the poor in such places as Eskimo villages, Appalachian hollows, Indian reservations, and city slums proves to be a powerful experience in learning and understanding for most Volunteers.

Although their primary task is to add a new dimension to the lives of the poor, most find that after their year is up, they have added a new dimension to their own.

## Appalachia

(Continued from Page 1)

ration, a private, non-profit organization formed to administer the area's Community Action Program. LBJ and C stands for Livingston, Byrdstown, Jamestown, and Cookeville, the county seats of the four counties included in the original organization.

• The five Volunteers will live in Davidson for a year, concentrating on juvenile delinquents and drop-outs. They will guide community development programs, conduct recreation, education, and health services.

The task is far from easy. Glenn Ferguson, Director of VISTA, said: "We tell our trainees it may take several months before they're accepted as part of the community." A major goal is to get local citizens to express their needs and then help evolve a program that will meet them.

A depressed rural area such as Davidson (population 119), has problems. Located halfway

between Nashville and Knoxville, deep in the mountains, it once was a flourishing mining town that boasted a movie theater, a telephone office, and a depot where the trains stopped twice a day to load coal.

• But the mines gave out more than ten years ago and most of the people have moved away. The railroad tracks are overgrown with weeds and the theater and telephone office have been razed. A schoolhouse still stands but it was abandoned two years ago when the supply of pupils dried up. Those children who remain rise before dawn to catch a bus to the school in Clark Range, 18 miles away. Few from Davidson finish high school.

This lack of purpose is one of the major problems facing the five VISTA Volunteers who have been assigned to the community. Gerry English, from Santa Rosa, California, and Barbara McCollum, of Tucumcari, N. M., have been working for nine months to give Davidson a "sense of com-

munity."

The main obstacle to their efforts is indifference. Miss English has observed: "They've lost so much. You insulate yourself against caring when caring doesn't count. That's what's happened here since the mines dried out."

• The 261 VISTA Volunteers are working in 34 projects in eight states of Appalachia: Alabama, Kentucky, Maryland, North Carolina, Pennsylvania, Tennessee, Virginia, and West Virginia.

Ninety VISTA Volunteers are living and working in rural Kentucky. They serve in 13 of the poorest counties of the state, which are among the 300 most impoverished counties in America.

Middlefork, Kentucky, is another Appalachian community. Once fairly prosperous, its major economic staples were coal and tobacco. But the coal ran out, and the big tobacco producers found better quality crops and cheaper transportation elsewhere.

Now Middlefork is left with 300 or so residents who support themselves by subsistence farming and by selling cucumbers at 11 cents per hundred pounds.

Middlefork might have continued indefinitely in this same fashion if it weren't for Jean Honrath, a young, energetic VISTA Volunteer assigned to that community by her VISTA project sponsor, the Council of Southern Mountains.

In something more than nine months in Middlefork, Miss Honrath has made only a start toward alleviating the material side of the community's plight. But in a less tangible sense she has made large-scale progress in reaffirming the self-respect of the community in its own eyes and in motivating them toward changing the conditions.

• A former student at Contra Costa Junior College in the San Francisco suburb of El Cerrito, California, Miss Honrath developed an early interest in work-

ing with younger people. She decided that her skills and temperament would best be suited in helping to break the vicious cycle of Appalachian poverty at the children's level.

She concentrated on Middlefork's children and not only helped to establish its first Boy Scout troop, but also ran a highly successful summer school program for more than two dozen local children aged 8 to 16.

Middlefork adults have received their share of help as well. Miss Honrath has organized a program so that unemployed fathers from the community can spend several days a week working to improve the Middlefork school.

• She is self-effacing when she speaks of her success in Middlefork. "I've only done what the community wants," she claims. "I'm far from overconfident, yet I'm optimistic at the same time. My guess is that what we've done will last and grow."

## A challenge to VISTA—and the nation

# Rigorous Training Gives Volunteers Skills to Fight Poverty's Seamy Side

VISTA's training program gives its volunteers a long, realistic look at the seamiest side of poverty while equipping them with the skills and techniques needed to combat it.

The tough, rigorous training schedule, lasting for several weeks—ten hours a day—is not counted as part of the Volunteer's year of service.

Training is conducted by non-profit organizations—universities, colleges, or social action agencies—which have the experience and facilities necessary to train adults with a variety of educational backgrounds.

- *Some of the training institutions concentrate on the problems of the mentally retarded. Others deal with the plight of Indian families and migrant laborers. But each training cycle makes sure that the volunteers fully understand VISTA's purpose—and the roles that trainees are expected to play after graduation.*

The Volunteers go directly from training to assignments in slums, migrant worker camps, Indian reservations, and Job Corps centers throughout the country.

- *Every effort is made to match the skills, abilities and in-*

terests of each Volunteer with requests and descriptions of assignments that are received from agencies and organizations sponsoring VISTA projects.

One of the primary objectives of VISTA training is to allow a Volunteer to relate his previous background and existing skills to the aims and requirements of the projects in which he will work. The majority of the training programs takes place right in the slums, migrant camps, Appalachian hollows and Indian reservations. It is as direct and practical as possible.

The field experience may take the form of working in community projects on the Maricopa and Gila River Indian reservations south of Phoenix, Arizona. There 26 VISTA Volunteers installed a new roof on the community center, helped clean yards, houses, and established two nursery schools—all in four weeks.

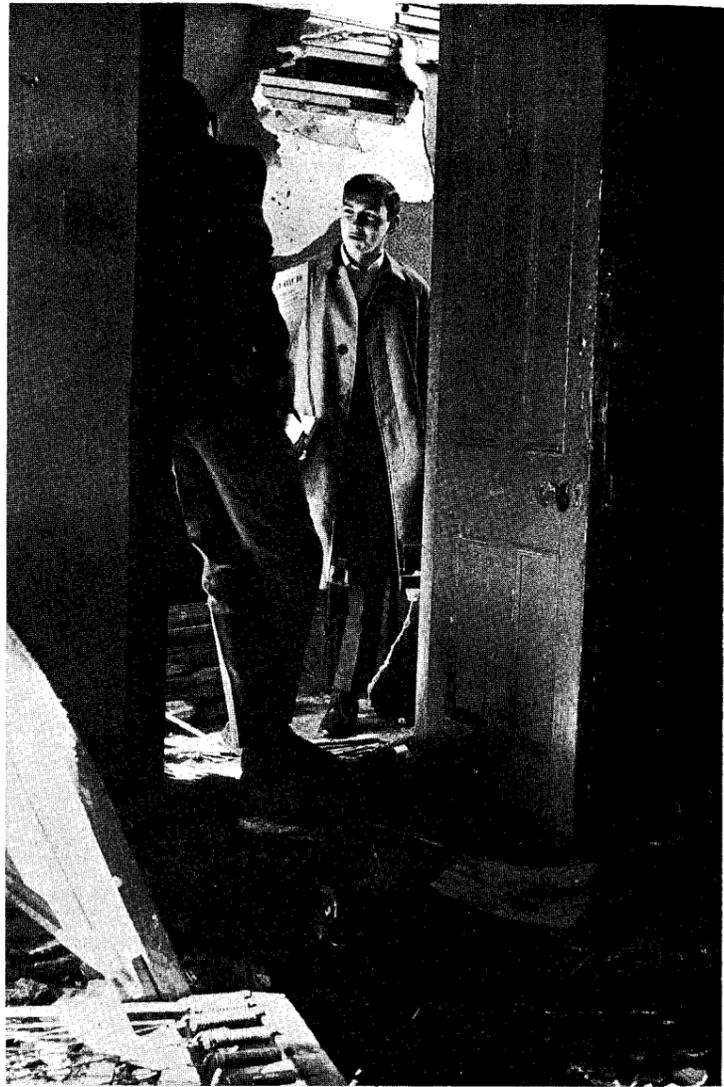
- *In an industrialized, urban area such as New York, the field placement activity may be composed of helping retarded persons between 17 and 35 to learn the New York City transportation system and how to use a cafeteria. Or it may be acquainting*

people with family planning clinics, helping to organize tenant councils, working with street gangs or finding jobs for youths whose teenage criminal records have blocked them from employment.

Two Volunteers assigned to serve with migrant workers in California were sent to Belgrade, Florida, to live for a week with migrant workers. Their experience included working in the lettuce fields as well as assisting in the operation of a pre-school program for children.

Some of the institutions which have participated in VISTA training include the University of Utah, National Federation of Settlements in Chicago, University of Alaska, Tuskegee Institute in Alabama, Community Services Foundation in St. Petersburg, Florida; the North Carolina Fund, Arizona State University, and the Columbia University Graduate School of Social Work.

- *In addition to these institutions which direct the training program, more than 100 public and private agencies engaged in work among the poor are cooperating with VISTA by providing practical field experience during training.*



**VOLUNTEER KENNETH VAN COMPTON, 19, talks with a man whose apartment has been hit by fire. Van Compton provides information and help for the man and his family to find a new place to live on the Lower East Side of New York where the former Tulsa University student is concentrating his efforts.**

## VISTA: Questions and Answers

### Q. What is VISTA?

A. VISTA (Volunteers In Service To America) is one of the major anti-poverty programs established by the Economic Opportunity Act of 1964. It offers an opportunity for men and women from all economic, geographic, social and age groups to join the nation's War On Poverty.

VISTA Volunteers work directly with those who are not sharing in this nation's promise. They offer their services and skills wherever poverty exists: in cities, small towns and rural areas, in tenements and shacks, on Indian reservations or in migrant worker camps, among the sick and disabled, the young and the old.

They serve for a year where they are requested and needed—in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and the Trust Territory of the Pacific Islands. Living and working with the people they help, VISTA Volunteers are *there*, prepared at all times to assist, advise, befriend. VISTA Volunteers serve for a minimum of a year, plus their training period.

### Q. What do VISTA Volunteers do?

A. In a wide variety of ways, Volunteers work to provide new hope, dignity and skills that can help lift people out of poverty. The specific fields in which they work include: education, health, vocational counseling, recreation, agriculture, conservation, sanitation, construction, community services—the list, like the problems that poverty itself creates, is practically inexhaustible.

### Q. Are VISTA Volunteers paid?

A. Volunteers receive a monthly living allowance that is enough to get by on in the areas to which they are assigned. The allowance covers housing, food, clothing, and transportation. In addition, they receive approximately \$75 a month for such personal incidentals as laundry, haircuts, and recreation. Medical and dental care are also provided.

For every month of service, \$50 is set aside for each Volunteer. The entire amount is paid to Volunteers upon completion of service.

### Q. What are the hours of work?

A. VISTA Volunteers have a full-time commitment to the people they serve. It is no 9-to-5 job. The Volunteer stands ready to offer assistance whenever he is needed.

### Q. What are the basic requirements for joining VISTA?

A. You must be at least 18 years old.  
You must be a United States citizen or a permanent resident of this country or one of its territories.  
You must have no dependents under 18 years of age.

### Q. How does VISTA service affect draft status?

A. VISTA Volunteers are not exempt from the draft. However, VISTA Volunteers are usually deferred. (1) The trainee sends a request to his local draft board for deferment for the period of his VISTA service with a copy to VISTA; (2) VISTA writes his draft board certifying that he is a VISTA trainee and keeps the draft board notified. While this almost always gets a deferment, the decision concerning draft status is entirely up to the local draft board.

### Q. How do I join VISTA?

A. Anyone who wishes to become a VISTA Volunteer must complete a preliminary application form. Immediately after VISTA receives the preliminary application, the individual is sent a detailed questionnaire which asks for background information and the names and addresses of at least five references.

There are no personal interviews and no tests or examinations.

### Q. If I submit an application to VISTA, am I obligated to join?

A. No, you are not obligated—but your application should be submitted with the understanding that you are sincerely interested in joining VISTA.

### Q. Do Volunteers have a choice about the location and type of work they do?

A. Yes. The VISTA questionnaire provides ample opportunity for listing your geographical and work assignment preferences. VISTA attempts to honor these preferences as far as it is practicable, but VISTA's concern also is to match a Volunteer's experience and abilities, demonstrated and developed during training, to a specific need in a specific project.

### Q. How quickly does VISTA respond to an application?

A. After you send in your detailed questionnaire and if your references respond immediately, you should have a response from VISTA within 30 days.

### Q. Are trainees paid?

A. Yes. Living, travel and medical expenses are paid. In addition, the \$50 a month stipend begins with the start of a Volunteer's training.

### Q. Are Volunteers assigned singly or in a team?

A. Very few Volunteers are assigned singly. VISTA prefers to assign Volunteers in teams. Where teams are not needed, at least two Volunteers are assigned to a given community or area.

## VISTA Volunteers Go North of Nome

(Continued from Page 2)

grams under the general direction of visiting doctors and public health nurses.

Another project which will give a boost to the lagging Eskimo economy is a plan whereby Volunteers will help the Alaskans to establish businesses to encourage the preservation of ancient arts and crafts.

- All skills are needed in Alaska. VISTA Volunteer couples are sought who know

building, homemaking, and social services. Needed, too, are persons with farm experience, cooperative backgrounds, range managers, weather observers, teachers at all levels and of all subjects, recreational experts, lawyers, linguists, economists, and planners.

There's a great deal of talk about the challenges that the War on Poverty presents.

Perhaps one of the greatest challenges of all lies north of Nome.

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## Arrivaderci Romas

(Continued from page 1)  
gusting." Others were not so kind in their remarks; however, this feeling is far from universal. Just as many feel the waiters are "neat" although they aren't as vehement about it.

Other than the service, the most complaints are about the food. Although some feel the food is good and cheaply priced, Joe Jeffrey exemplifies the majority opinion, saying, "The only thing worth the price is the pizza," and "\$.55 should include the options." If you buy more than one major item the prices are no longer cheap; instead they are comparable to Bob's and other local prices.

The size and quality of the food has been diminishing since the first day. "They fill up the glass with ice and spray it with their Coke atomizer," says Steve Boone. "The size of the pizzas has been diminishing exponentially" in the opinion of Jim Leininger. Almost no one has failed to notice the apparent shrinkage of the food.

Less numerous, but not less vehement, have been complaints that the Coffeehouse has closed early. Reportedly Roma Gardens have closed as early as 1:20, instead of the advertised 2:00.

There is one big complaint that is not a result of Roma Gardens and that is the disgust with the Teckers themselves. Mike Henerey is not alone in his feelings that "Teckers, such as they are, just aren't worth seeking out socially." This is a complaint the Coffeehouse will have to face no matter where it is located.

### Better than nothing

Even with all these complaints, most Teckers are glad the Coffeehouse exists. Like Dan Villani they "would rather have the Coffeehouse there and the service slow than not have the Coffeehouse at all." Still a significant number find the Coffeehouse "a big letdown" because they "thought it would be a place to congregate" like Ira Herskowitz; and it does not live up to their conceptions of what a Coffeehouse should be—the type of place where you can gather together and write on the walls if you want. Herskowitz even feels that now "it's not worth a quarter to walk over there."

### J. Alfred wins big

The size, location, and the management at Roma's have apparently stifled the Coffeehouse. As Meo says, "Unless the service can be improved the value of the Coffeehouse will remain at a minimum." Because of the service and other factors Roma's is really a poor indication of the type of enthusiasm that exists in favor of a uniquely Caltech Coffeehouse nearby, possibly in the Prufrock house. Every Tecker favors this.

# "King of Kings and I" a Big Success



Stu Galley, playing Jesus Christ, transubstantiates his body and blood despite annoying interruptions.

The men of Ruddock scored a smash hit Friday night with their production of "The King of Kings and I, or My Son, the Messiah."

Led by Stu Galley as Jesus and Diana McIntosh as Mary, the men in blue delighted the capacity audience in Dabney Lounge. The writer, director, and general all-around-guiding-influence, Bill Orr, showed fine skill in pacing his musical comedy with fresh humor, and at the same time letting the human drama emerge on its own.

### Good support

Especially good were the supporting performances by Steve Alfin and Terry Bruns (as the Pharisaical Laurel and Hardy) and Mike Henerey, Terry Bruns, and Bill Broste (as a Barbershop trio version of the Three Wise Men). Alfin, as Ben, a Pharisee, played his part coolly, and brought across to the audience

what a Jew should be like. Henerey, Bruns, and Broste clearly enjoyed their spoof of the three Kings, and their zest and harmony delighted the audience.

The story began with Walter Kronkike, played by Gary Stunum, and the live television coverage on Good Friday, 33 A.D., of the Crucifixion. Enter Diana McIntosh as Mary, who explains in the pained manner of a typically Jewish mother that her son has just been running with the wrong crowd. Kronkike then asked Mary, or Mrs. Christ as he put it, about the peculiar circumstances surrounding the birth of Jesus. Mary repeats the story of the birth from the Bible, and then quips, "You know at the time I was pretty innocent." In

response to another query, she capped the scene by describing herself as a "revised standard virgin."

### Good Christ

Galley made an intriguing Christ. Playing the role straight, he got not only his humorous lines, but when he quoted from the Bible, he gave the familiar lines a human reading. Galley's Christ ranged sensitively from a Jewish son to a simple man to a political leader. Galley's confrontation of Mary Magdalene, the harlot, much like a frosh meeting his first girl at an exchange, was humorous and yet warm.

The songs in the presentation were largely parodies of popular tunes. The play opened to a rendition of the Hallelujah Chorus with a swing beat. Mary complained to the crowd that "I'm a typically Jewish Mother of a typically Jewish son." Christ returns to his mother's arms in the second act with a parody on South Pacific, "Virgin

Mary is the Girl I Love." In the trial scene, Galley, Bruns, Alfin and Henerey team up to sing a clever version of "Gee, Officer Krupke" — "Gee, Pontius Pilate."

### Good job

The Ruddock men did a fine job in staging the show. They looked like they were having fun, and the audience quickly got into the swing of things. Behind it all, the story of the Crucifixion came through in a warm and demythologized form. Following the show, one member of the audience was heard to comment, "Why don't they stage it in churches in Pasadena?" Congratulations to the boys in blue all the way round.

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# TECH Sports

## Football Team Practices, Has Hopes for Next Year

A handful of brave and dedicated athletes are keeping Caltech's football hopes alive by working hard at spring practice. A daily turnout of about 15 players is not enough for scrimmages, but plenty of exercises are getting the players into shape. There is some contact, as plays are run with only the right side of the line plus the defense.

The new coach, Tom Gutman, is an excellent one, and he has been working the linemen under his charge extra hard. Those that have gone to practice regularly are in superb shape. Contrary to what some people have thought, the hard work has not discouraged people; rather it has made them that much more interested in the sport. If the team continues to work as hard next fall, they'll be in the best shape in years.

### Win for good old

As of now there is a shortage of linemen and also a lack of size. Coach Gutman is trying to alleviate this problem by making his players tougher and teaching them many techniques of blocking and tackling. Everyone hopes that the return of several of last year's players plus a few promising freshmen will help out the team in the fall.

### Caltech

With a few important exceptions, most of the backs and ends are back from the 1965 team. Leading them are quarterback Tom Burton and running backs Ray Kawal and Les Powers. They, along with the line, have been learning many of the plays to be used in the games. Some important changes have been made to cope with the ever-improving teams of the conference. The cadence of the quarterback's signals has been changed, and he will also be able to call audibles at the line of scrimmage.

Those that have come out for practice are very high-spirited; perhaps this spirit will spread to those that have elected to snake instead of play as they should. With some additional turnout and the continuation of this esprit de corps the team can win

some games next season. The first game will be on Saturday, October 1 at the Rose Bowl against Azusa-Pacific, one of the weaker teams Caltech plays. Also, for the first time since 1960 the Beavers will have a game against Redlands.

Anyone gung-ho for football but not too athletic is urged to go out for manager next year, as several are needed.

## Dabney Wins IH Tennis

Interhouse Tennis finished with about the results that everyone expected. There were no real upsets, and the general interest among the students was rather low. It is hard to muster enthusiasm for any sport at this time of year, especially an individual sport.

Dabney placed first, as advertised, with a very balanced team. Mark Satterthwaite was on top

### Cricket

# Caltech Annihilates UCLA

The Caltech Cricket Team showed off its muscle last Sunday by tromping UCLA 81-76. The game was not as close as the score might indicate, because Caltech surpassed the point total amassed by the Bruins with eight wickets yet to fall (eight outs left).

### Everyone showed up

Caltech managed to field its strongest team all year, as all the players showed up for this important game. There was an abundance of bowlers, quite in contrast to previous games where even Dr. Huttenback had to lob the ball. Tony Collings turned in the most impressive performance by getting four wickets for only seven runs. He finished up the first half of the innings by getting all his wickets in only two overs (which is a total of 16 bowls).

When UCLA went out for only 76 runs, things looked good for the home team. And the way the batting started, Caltech was assured of the victory. Mike O'Sullivan and Bob Pidgeon opened and soon got into the groove. It seemed as if they could go on scoring runs indefinitely, but Pidgeon chipped one off the side of his bat and it was caught. John Davies came in, but was also unfortunate enough to have one of his balls caught. He scored no runs, so at that point Tech was 18 runs for two wickets.

### Even better batting

Then up came Peter Dodds, and together with O'Sullivan easily scored enough points for the win. O'Sullivan constantly frustrated the opposition by just protecting the wicket and not trying to swing hard at the ball. This continued until the bowlers got fancy in their desperation and tried to lob the ball; then he really unloaded to score several "fours" (balls hit out of bounds on the ground) and a "six" (a ball hit out of bounds on the

fly). Dodds also scored at will; his last, game-clinching shot being a "six". He finished with 36 runs and not out, while O'Sullivan had 28 and also not out. Pidgeon got 14 runs before his unfortunate slice, and nobody else had to bat because of the slaughter.

### For an encore . . .

There will be no game this week, the team needing a rest to recuperate from this supreme effort to emerge victorious over its collegiate rival, but the schedule will resume on the following Sunday with a game against the Corinthians Cricket Club.

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# Page Sets Record In Interhouse Points

With the Interhouse sport season just over, Page House has begun to celebrate its impressive victory. Out of a total of 147 points possible, Page scored 135 by winning three sports outright, tying for first in two others, and also collecting a second and a third. The most impressive performances were three straight wins turned in during second term in football, track, and volleyball.

The year started on the right foot, as Page tied for first with Ricketts in softball. They originally had a 4-2 record, but an ineligible man played by Blacker negated the loss and made the tie possible. The team was powered by the fine pitching of Gary Schnuelle, fine fielding, and occasional spurts of excellent hitting.

In swimming, an outstanding performance by freshman John Healy in the breaststroke and the medley allowed Page to slip by Dabney for third place by a mere half-point.

Football was the most one-sided of all the sports; Page ran away from every one of its opponents. The quarterbacking of Larry Brown and the receiving of Tom Resney, Dave Goodmanson, and Dan Hammons resulted in 33 touchdowns for 208 points, 70 points more than any other team. The defense allowed the lowest percentage of pass completions among all the Houses.

The Page House track team took five firsts, including two by Dennis Schneringer, to win the Interhouse meet. Ruddock gave stiff competition, but in the end Page depth, with two men entered in nearly every event, won the day.

The combination of Herb Jubin and Craig Maxwell led to victories in volleyball and basketball. In both sports, the toughest opposition came from Lloyd,

and the games between the two Houses were both extremely exciting. In volleyball, Page had the best spiking team, while Lloyd had an outstanding defense. The match had to go three sets, but the spikers finally triumphed. In basketball Page's extra-careful offense took a large lead early in the game, but after Maxwell and Jubin both fouled out in the fourth quarter, Lloyd's rebounding made its comeback. They couldn't quite make it, however, as Page won 30-25.

# Book Store Now Selling Best Sellers

Passing everything? Caught up in your homework? Aced the last five tests in Randombarf 69? Don't despair! In a last-ditch effort to secure for more Teckers the honor and privilege of serving our country's armed forces, the Caltech Bookstore has a supply of books from the best-seller list of the **New York Times**, to make punting even pleasanter and easier.

The analysis of the books is based on reports from more than 125 bookstores in 64 U.S. communities. The present figures give the status of the book dur-

ing the weeks of April 24 and May 1, and the number of weeks it has been on the list.

Included in the fiction section fo the list are **The Source**, by James A. Michener (1,1,50); **Valley of the Dolls**, by Susann (2,2,9); and **The Double Image**, by MacInnes (3,3,15).

The General list includes **In Cold Blood**, by Truman Capote (1,1,6); **The Last Battle**, by Cornelius Ryan (2,2,7); and **A Thousand Days**, by Arthur Schlesinger, Jr. (6,7,23).

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## More Darb Netting

(Continued from page 6)

however, by poor finishes in first and third singles, so they only managed to nose out Lloyd by a point.

Lloyd finished a strong third with a first in the third singles by Steve Landy, seconds by Ralph Gajewski and the team of Ernie Ma and Norm Whiteley. Lloyd could have taken third in Interhouse overall, had they nosed out Page for second place.

Each year about this time a young man's fancy turns to all kinds of things young men's fancies shouldn't turn to. One of the things some young men's fancies should turn to is spring water polo practice. A few young men's fancies have been slipping this year. You Greg Lutz, you Maarten Kalisvaart, you Jim Soha, you Jon Haviland, you Greg Wright, you Henry DeWitt, you Rob Gerritsen, your fancies haven't been turning so too pretty darn good lately. Fie upon you! (And you know what fie spells for a PE grade.)

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# IBM

**More Totem Lyrics**  
(Continued from page 3)

points but each lacking in the final analysis. Edward Kort's "The City Is . . ." is an interesting portrait of the city at night, and how lonely and out of place man is amidst the buildings, the lights, and the streets. Gail Mirman's two poems contain some very amusing images and some very clever typographical arrangement, but say very little.

**Philosophy phails**

The untitled poem by W. Donald Dresser pursues some intriguing philosophical questions, but lacks intensity and conviction. Chris Dede's poem seems constricted and hampered by its form, and it is also somewhat trite in its theme, more of a poetic exercise than a poem.

Gary Stonum's "Darling" tells of a movie audience at intermission, who, unknowingly, are acting the same roles as those in the movie they have just seen. Sandra Winicur writes a very interesting introduction to her poems telling of the need for a poet of science, a bard of the test tube. However, despite some amusing lines, the author of "A Biominstrel, I" falls short of the excellent mark she has set for herself.

**Phlyng Phalanx**

There are several pieces of visual art in addition to the literary material. Besides the aforementioned illustration by Alfin of Heinrich's poems, there is a cartoon by John "Crash" McCord. Obviously an imitation of Saul Steinberg, it is nevertheless quite good. There is a very excellent photograph by Frank Ettin of a bird flying, which gives a sense of motion and rushing to the wings of the bird. The cover photograph is by Mike Dole.

On the whole the issue is quite good and seems to indicate as editor Stonum says in his introductory message, that Caltech has proved it can support a literary magazine.

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The scientific wizards of Caltech have been invited to build a "Wizard" machine for the Pasadena Playhouse production of **The Wizard of Oz**. A specially constructed machine with computer-like qualities, an ability to speak, and fanciful appearance is sought by Playhouse staff member Leslie Abbott.

Hoping to achieve a marriage of science and the arts, the Pasadena Playhouse expects this project to win press and magazine coverage for the Caltech students who construct the "Wizard" machine.

The Wizard of Oz, a celebrated

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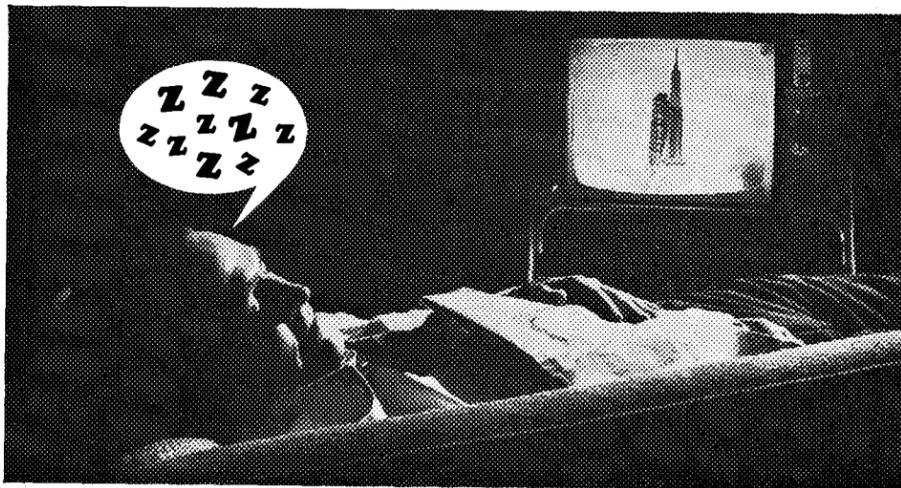
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