



Photo by H. Schmus

Dabney men feverishly move senior Pete Abbey's furniture into the courtyard. L. to R.: A. Perga, G. Ives, L. Berry, S. di Picciotto, J. Kleiderer, G. Schmidt, L. Kamins, Life photographer.

## Annual Senior Ditch Day mixes original, trite

Snake it up!

### Committee revises residence rules

The faculty committee on student houses recently revised the rules governing eligibility for residents in the student houses. This revision was made in hopes that it would reduce the number of reinstatements applied for. The necessity of living off campus is intended to remove distractions and keep the student, aware of his precarious position.

The rules as revised are the following:

1. **Eligibility for residence**—Returning Seniors, Juniors, and Sophomores who have occupied rooms continuously since their admission to the student houses for no more than three years. (b) Entering freshmen, in order of geographical distance from their homes, up to 25% of the resident membership of each house. (c) Former residents returning from a leave of absence (finances, health, involuntary military service), as determined by the Master of Student Houses to maintain the balance of a house by classes.

2. **Eligibility for non-residence**—Non-resident members as determined by the Master of Student Houses to be necessary to maintain the balance of a house by classes. Non-resident membership will be 15% of the resident membership of a house. 5% will consist of freshmen drawn by lot. Non-resident members returning from a leave of absence (finances, health, involuntary military service), will revert to their non-resident status.

3. **Ineligibility for residence**—(a) Upperclassmen who receive a second reinstatement revert to non-resident status. Freshmen who receive a third reinstatement revert to non-resident status. (b) Those men now in residence who have received one or more reinstatements will lose their eligibility if they receive one reinstatement after the date on which this policy becomes effective. (c) This policy will take effect for those men who must seek reinstatement subsequent to June 7, 1957.

by Jim Coe  
Traditional Senior Ditch Day "festivities" were observed on Wednesday, April 3, in preparation for Seniors, due to arrive that evening, who had deserted the hallowed halls the night before for Huntington Beach.

Life Magazine photographers were on hand to take pictures and offer unneeded advice.

Pete Moretti was the joyful recipient of three tons of sand, John Parks got manure and garbage, and Walt Specht got newspapers, while Mike Bleicher's room was well filled with a horse complete with barn odor.

Bob Deffeyes' room was moved to the Tunnel Alley head, and while Joe Lingerfelt was moved to the courtyard all other unnamed seniors' furniture was moved to his room, with the exception of six beds which were placed on the trellis in Blacker's courtyard.

The best Blacker attempt to

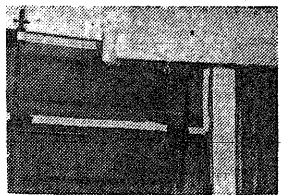


Photo by R. Schmus

Blacker senior Klaz's attempt to shut out the thundering horde.

keep out the thundering horde was Jerry Klaz; he put a 2x4 across his room against the door and half-inch pins behind the transom, but forgot to brace his medicine cabinet.

After several false attempts in Dabney, Pete Abbey's furniture was finally suspended above the court. All senior books were stacked in Attila Simanyi's room, a certain page number being used as an index for each senior. Truman Long was walled out with concrete blocks to round out the Darb activities.

Ex-president Pete Finley rigged up an electric motor to pull his door pin, and braced everything else. The Dabney men simply pulled the pin with a coat hanger and picked the lock.

Fleming showed a certain degree of originality in walling up

(Continued on page 2)

# Tech representatives leave for Model UN in Palo Alto

**Meyer, Bloomberg, Peterson, Talcott, Haismann to join delegates at Stanford**  
A five-man diplomatic mission left Caltech yesterday for Stanford University where they will represent Cuba in the Model United Nations.

Debaters to appear on 'Big Debate'

This Sunday night at 8:00 p.m. Tech debaters will appear for the third time on "The Big Debate" on KCOP, channel 13. Tech will defend the affirmative to the question, Resolved: that euthanasia should be legalized.

Two weeks ago, Andy Perga and Kem Scholtz defended Robin Hood again USC (Resolved: that Robin Hood is a villain), but lost due to a technicality in the definition of the term villain. On Tech's first appearance, Scholtz and Tom Morton debated the affirmative against Loyola on Resolved: that teachers in Los Angeles are overpaid.

Two more appearances are scheduled; one on April 28 and the other on May 19.

## English prize deadline set

Contestants in the annual Mary A. Earl McKinney Prize Contest in English must submit their essays to Prof. J. Kent Clark in 303 Dabney by Monday, April 22, in order for them to be considered, according to the Humanities Department.

The essays are to be 1200 words in length on the subject "Society and the Individual." Candidates are expected to read J. P. Marquand's "H. M. Pulham Esquire", Aldous Huxley's "Brave New World", and George Bernard Shaw's "Pygmalion."

First, second, third, and fourth prizes will be \$75, \$50, \$25, and \$15. In addition, each prize winner will be given an English reference book.

## Y to show controversial film, Jarrico's 'Salt of the Earth'

The film "Salt of the Earth" will be shown as a special program of the YMCA on this coming Wednesday, April 17, at 7:30 p.m. in Dabney Lounge, according to the Y office. Admission is free.

"Salt of the Earth" is a true account of the plight of miners in the American Southwest, miners who are for the most part Mexican-Americans. Most of the actors are the miners and their families, playing their own role. Several professionals were hired for lead roles.

## ASCIT elections

A special election for the offices of Big T Editor and California Tech Business Manager will take place today.

The present candidates are Reed Saunders running for the office of Big T Editor and Dave Leeson running for that of California Tech Business Manager. They were approved last Monday by the Board of Directors as required by the ASCIT by-laws.

## Gordon will go to UCLA

by Mike Milder

Caltech undergraduates were saddened recently by news that one of their favorite instructors is leaving the Institute at the end of this year. Basil Gordon, PhD '56, will take on the position of Assistant Professor of mathematics at UCLA next Fall.

Although he has been a faculty member less than a year, young, lanky, carrot-topped "Sandy" Gordon has managed to become a popular figure on the campus, earning the high regard of students and associates.

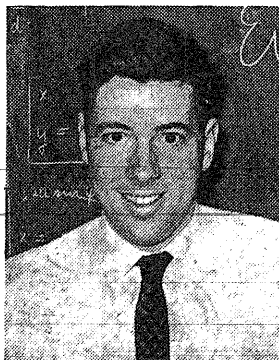


Photo by R. Schmus  
Dr. Basil Gordon

One prominent associate of Gordon's summed up the reasons for his friend's popularity: "Sandy" is a skillful teacher, and he has a rare aptitude and enthusiasm for his subject. He

(Continued on page 10)

Don Meyer, Howard Bloomberg, Ike Haismann, Walt Peterson, and Mike Talcott will join delegates from 66 other Pacific Coast universities to discuss questions ranging from problems of the Middle East to the controversy over the borders of Somalia.

The Model UN will include a General Assembly, a Security Council, and most of the committees and subgroups found in the United Nations.

**Haismann on Security Council**  
Caltech's major distinction this year is that one of its delegates, Ike Haismann, is on the 11-member Security Council. The Cuban delegates are on four other committees.

"An important part of this Model UN will be behind-the-scenes log-rolling and power politics," according to the delegation head, Don Meyer.

Cuba's primary foreign policy is backing the United States. Where something unusual might occur, it would concern their internal affairs.

### Batista dominates politics

The past 25 years of Cuban politics have been dominated by one man, General Batista. He has been in control much of this time, having served as president and senator, and having been head of the army during most of the period. At present, the country is a semi-dictatorship, for although it is technically "free," the government has a habit of suspending constitutional guarantees whenever a "crisis" arises.

On the other side, he has done much of a constructive nature for his country. He was responsible for Cuba's first honest election (his candidate lost), and he has encouraged construction of schools, highways and hospitals, improvement of labor standards, and industrial development.

Fidel Castro is the youthful leader who may overthrow Batista. He once said, "Why should the soldiers (of the Cuban army) die for \$72 a month. When we win, we will give them \$100 a month, and they will serve a free, democratic Cuba."

## SCOREBOARD

**BASEBALL**  
Caltech 4, Pasadena Nazarene 0  
Occidental 8, Caltech 2  
Occidental 8, Caltech 4  
Occidental 12, Caltech 2

**SWIMMING**  
Santa Monica JC 65, Caltech 31  
UCLA 51, Caltech 40  
Occidental 45, Caltech 41  
Caltech 46, Occidental 30

**TRACK**  
Redlands 101½, Caltech 29½  
Redlands 79, Caltech 44

**GOLF**  
Loyola 34, Caltech 20  
Caltech 18, Whittier 18

# VOTE TODAY

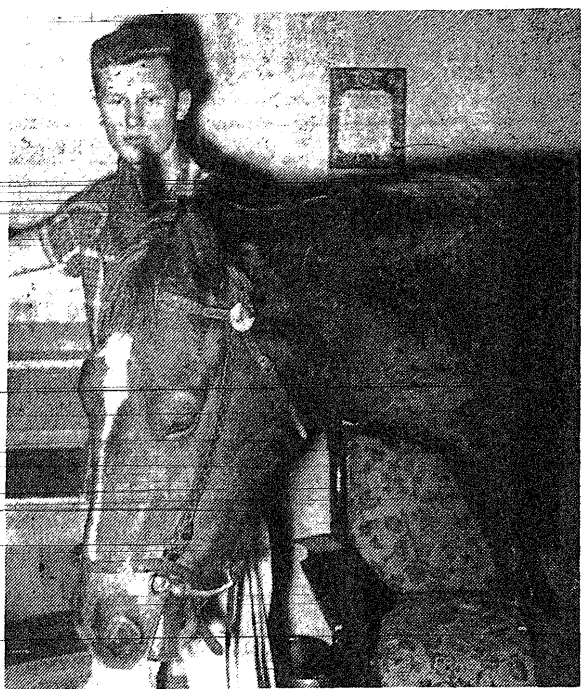


Photo by R. Schmus

Pat Burns and friend preparing to bed down for the night in Mike Bleicher's room, Blacker.

# Life magazine sparks troops as Ditch Day gets under way

by Brad Efron

It is Thursday morning in Pasadena. A tired looking freshman emerges from Ricketts lounge, meeting two well-dressed gentlemen, loaded with photographic equipment.

1st Gent: "Hello! My name is Bill Bridges, and this is Ralph Krane."

Freshman (unenthusiastically—he has an eight o'clock math test): "Yeah. Glad to meet you."

1st Gent: "When's the fun start?"

Freshman: "Huh?"

1st Gent (not so, sure of himself now): "This is the day you fix seniors' rooms, isn't it? We're from Life, and we were supposed to take picture and..."

(The freshman suddenly awakes to the outer world. Of course this is SENIOR DITCH DAY! Somebody mentioned it at breakfast. He hadn't planned to attack any rooms, but now that Life was here, well, it was his duty to stack rooms. This was his chance to prove to 50 million Americans that Tech men were just as normal and destructive as any undergraduates, if perhaps a bit cleverer.)

Freshman (bursting with fake enthusiasm): "Men, you guys sure came to the right place, all right! We've got some real stunts planned, all right! Boy, just wait till this afternoon, you'll really get some pictures, man!"

1st Gent (a bit surprised at the sudden ferocity of the natives: "Things don't get going till this afternoon, huh? Well, we'll be back later.")

(The two photographers leave rather hurriedly.)

Freshman: "Let's see. We can block off someone's door, and move a guy's whole room out in the courtyard, and fill someone's room with sawdust..."

Junior (with a sneer): "Those things are trite!" (Others sneer their agreement.) "Why I can remember..."

(Each upperclassman proceeds to tell his own favorite ditch-day story. The stories get more and more elaborate, while the freshman listens carefully. Next year he'll have ditch-day stories to tell the frosh.)

Soph: "Anyway, let's do something original."

(Everybody agrees enthusiastically.)

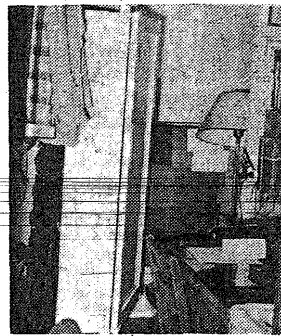


Photo by R. Schmus

Bob Defeyes' new residence in Blacker's Tunnel Alley head.

Second soph: "O.K., let's all think of something original and clever to do."

(There is a two-minute silence.)

Soph: "There must be something we could do to the Sen..."

Junior: "I've got it! Let's fill Kofsky's room with straw..."

Second junior: "And move Tangara's whole room out into the courtyard..."

Third junior: "And block off Hundley's door..."

Everybody: "Yeah, great, let's get going!"

(Much enthusiasm.)

## DITCH DAY

(Continued from page 1)

Charlie Anderson's room with ice. Larry Whitlow and "Gook" Furumoto had their rooms scenically decorated. Furumoto's with a Hawaiian scene and Whitlow's with an inch of sand and a skeleton with Larry's personal effects.

Bob Marshall found his room full of concrete, and Dick Kaufman found his refrigerator in similar condition. Cavour Yeh's room was filled with chicken wire and metal tubing. Baird Brandow and Dave Yount left a table with a bottle and a quotation "Eat, drink, and be merry...", the table was not disturbed, but nothing else was left and the quotation was changed to "Thou shalt not tempt..."

Ricketts senior Dick Hundley returned to find his room filled with furniture, and Frank Kofsky found four feet of sawdust in his, much to his disgust. Several seniors' rooms were moved, Jerry Swedlow's and Tom Dodge's to the courtyard, Jim Workman's to the tree in the courtyard, and Stu Richert's to the Snake Alley head.

Rube Moulton's bed was hung out the window, and Gary Breitbard found his medicine cabinet full of gelatin.

# Sticklers!



WHAT IS A LUCKY AT LUNCH TIME?  
(SEE PARAGRAPH AT RIGHT)

WHAT A MENU! A dank frank, an ol' roll, a pallid salad, and a dry pie. Let's face it, friend—your lunch-time fare needs brightening! Recipe: light up a Lucky! It won't make a filet out of that frank, but it's a *Noon Boon* nevertheless. A Lucky, you see, is all cigarette—all great smoking, all the way through. It's made of fine tobacco—mild, good-tasting tobacco that's TOASTED to taste even better. But why wait till noon to try one? Right now, you'll say Luckies are the best-tasting cigarette you ever smoked!

**COLORADO**

"RICHARD III"

---

**UPTOWN**

"FULL OF LIFE"

and

"WINGS OF THE EAGLE"

---

**UNITED ARTISTS**

"The Men Who Turned to Stone"

and

"Zombies From Moratan"

---

**STATE** SY. 2-7139 RY. 1-0385

"THE KING AND I"

and

"FRIENDLY PERSUASIAN"

WHAT'S A SHY HINDU SOLDIER?

ROBERT FRIEDMAN  
U. OF CALIFORNIA

Meek Sikh

WHAT IS A STOLEN BOAT?

DAVID ELIEN  
LOYOLA S. OF LOS ANGELES

Hot Yacht

WHAT IS A GREEDY ENGLISHMAN?

RICHARD BARRING  
PIT.

Mutton Glutton

WHAT IS A CLUMSY SAILOR?

JOHN SIMS  
AUBURN

Anchor Clanker

**STUDENTS! MAKE \$25**

Do you like to shirk work? Here's some easy money—sticklers! We'll pay \$25 for every stickler we print—and for hundreds more that never get used. Sticklers are simple riddles with two-word rhyming answers. Both words must have the same number of syllables. (Don't do drawings.) Send your Sticklers with your name, address, college and class to Happy-Joe-Lucky, Box 67A, Mount Vernon, N. Y.



# Luckies Taste Better

"IT'S TOASTED" TO TASTE BETTER... CLEANER, FRESHER, SMOOTHER!

Editorial

# Caltech freshmen are frequently confused

Last week's letter to the editor is an enlightening example of the effect that Caltech has on many freshmen.

"I dislike the way the Institute runs our lives. . . . Each professor attempts to work his students to their capacity. Coupled with this is a certain aloofness on the part of the faculty. The net result is that the academic program is pretty much of a grind. . . . There is nothing representing a final responsible authority in the fields of both curriculum and student relations. One consequence of this is the lack of integration among the various departments. Another consequence is the mess which is the housing situation."

The editors chose to delete the remainder of the letter, which referred to the sex lectures as an indication that the Institute is now trying to direct our sex lives.

It is obvious that this freshman is not aware of many of the activities on campus. But how many freshmen are?

His first and most valid complaint is that our academic program becomes a grind. Every freshman finds that his courses soon lose their flavor, and most students invariably try to explain the problem. Most of these explanations involve either inadequacies of the instructors, poor curriculum, or bad campus atmosphere.

But somehow, when he becomes an upperclassman, he will probably find the situation bearable, and will cease to complain quite so violently. Why? What is the big change?

For one thing, upperclass courses are definitely more interesting, and the student is better able to see the point toward which each study leads. Also, students begin to get the "feel" of the campus after their first few years. They develop friendships with faculty members and contacts with the multitude of Caltech activities. Life at Tech begins to show some signs of becoming a rewarding experience.

But this does not excuse the problem of our freshmen. The fault clearly lies in two areas—student orientation and underclass curricula. The responsibility for the first may well rest with the student; the second clearly rests with the faculty and student-faculty relations.

The present fall freshman orientation (student camp, rotation, initiation) is reasonably successful, but the program stops too suddenly and too completely. The whole process is crammed into three frenzied weeks, and then the dazed freshman is left standing spell-bound and alone, until some two terms later he realizes it is all over and starts the long hard road back to reality.

Meanwhile, despite a tremendous initial impetus, his interest in his courses comes grinding to a dead stop. He finds he has very routine humanities courses; his instruction in basic sciences is handled by woefully inexperienced graduate students; his courses are poorly related to each other.

The off-campus man is in an even worse position. He has an even poorer orientation and much less chance to join student activities. He sees the campus at its worst—the day campus.

"It's all right," the disgruntled sophomore is told. "Things will seem better when you are older."

But it is not all right. Not when several hundred somber and disillusioned men are wandering around the campus, setting a forlorn stamp on the atmosphere of the school.

This situation has apparently existed from time immemorial, but that fact only makes the problem so much more grave. The causes of widespread sophomore doldrums should be the immediate concern of the whole Institute community.

# A Minority Report

Ditch day has come and gone. The ingenious pranks, recorded for posterity by Life (yet somehow reminiscent of previous years), are all completed and the rooms are all restored to their original conditions. Almost, that is.

What does it matter that here and there a senior silently smirks as underclassmen assure him that they will replace with money the treasured object that has been destroyed? What does it matter that smoldering resentments are smiled down, unnoticed by immature underclassmen, or that public criticism of individuals has been occasioned?

After all, tradition has been maintained. And, as the most active underclassmen frequently pointed out, you get to rack the guys you don't like. Of course, you have to rack the neat guys, too, to show that they are "in it," and then, of course, you have to rack everybody so no one will feel left out.

Sure, this means that there will not be near enough good ideas to go around, but it is the spirit of the thing that counts. Yes, it is the spirit of ditch day that must be maintained.

B. W.

# Secretary's Report

Due to the Mobilgas Economy Run ASCIT appointments will be postponed from this coming Monday to Monday, April 22. The offices to be filled are the following:

- Election Committee Chairman
- President of the Instituturs
- Editor of the Little T

Editor of magazine covering events of this term

All of these jobs are valuable and provide good experience in organization. The Editor of the Little T may easily show \$500 profit for his work over the summer. For more detailed information concerning each job see: Bill Hecht, Election Committee Chairman; Reed Saunders, President of the Instituturs; or Mike Godfrey, Editor of the Little T. All interested persons should, of course, present themselves to the Board on April 22.

## EDUCATIONAL POLICY

The ASCIT Board recommended to the Student-Faculty Relations Committee a subcommittee to consist of three to six students and any members of the Board who desire to serve, to work on educational policy. The Board members may work with the subcommittee or just sit in on the meetings in order to keep themselves informed. The subcommittee shall be a permanent organization with the purpose of representing student opinion, coordinating the ideas and problems of the students, and presenting these ideas and problems in a logical, constructive form to the Student-Faculty Relations Committee. The six members of the subcommittee are Swedlow, Kofsky, Perga, Carmichael, West, and Lang.

## BUDGETS

There were three major debates in the approval of the budget for the coming year. These were: should we spend \$400 for an addition to the Big T to cover third term's activities, should we pay for the Big T pictures out of the general fund, and should the Social Program budget be reduced. We will spend \$400 for the Big T addition since there are many events during third term which cannot be included in the Big T. This addition will be published over the summer. It will be mailed to seniors and handed out to underclassmen in the fall. We will spend \$600 of the general fund to pay for Big T pictures. However, the possibility of a constitutional amendment to have the cost put on each student's bill was not ruled out. In this way the students would, at least, know where their money was going. Since we have an unusually large income this year the Social Program was not reduced. The extra income came from the Big T surplus of \$600. The \$600 could have been applied to defray the cost of the Big T pictures but it was felt that this would impose an unduly expensive precedent on next year's Board.

The budget which appears in this paper was tentatively approved pending the outcome of the audit of this year's books.

Mike Godfrey  
ASCIT Secretary

# Proposed Budget

Tentative budget of ASCIT for fiscal year 1957-1958

	57-58	56-57
<b>Income</b>	<b>57-58</b>	<b>56-57</b>
Membership Dues	\$ 9,617	\$ 8,971
640 at \$5.50		
630 at \$4.75		
615 at \$5.25		
Bookstore Dividend	1,500	1,525
Big T Assessment	1,950	1,795
640 at \$3.00		
Profit "57" Big T	600	
Cap and Gown Rental	300	200
Profit from '57 Little T	100	
<b>Total Income</b>	<b>\$14,067</b>	<b>\$12,491</b>
<b>Expenses</b>		
Athletic Awards and Miscellaneous Awards	2,357	1,850
Rally Committee	800	550
Assemblies	\$300	
Homecoming	\$100	
All Rallies	\$250	
Clothing	\$150	
Office Expense	90	90
President's Expense	345	345
Pac. States Pres. Assoc.	\$ 75	
Model U.N.	\$100	
Vice President's Expense	35	25
Forensics		
Debate — \$525	525	475
Drama — 0		
Publicity Expense	50	20
Social Program	2,850	1,575
First Term Dance	\$ 250	
Frosh Tea Dance	50	
Winter Formal	1,000	
Lost Weekend	1,200	
After Game Dance	150	
Homecoming	150	
Picnic	50	
Directors' Banquet	100	100
Big T	2,635	2,300
by Litho Process, \$800 extra by Engraving		
California Tech	2,000	1,890
New Magazine	300	600
\$150 term, two terms		
Little T	0	0
Summer Supplement of Big T	400	
Equipment Expense	150	150
Cap and Gown Expense	300	300
Glee Club	300	100
<b>Total Expense</b>	<b>\$13,237</b>	<b>\$11,890</b>
Contingency Fund	830	600
<b>Total</b>	<b>\$14,067</b>	<b>\$12,490</b>

# California Tech

Editor-in-chief—Bob Walsh  
Managing Editor—Dave Leeson  
Night Editor—Jim Coe  
News Editor—Jim Wilkinson  
Feature Editor—Mike Milder  
Sports Editor—Steve Emanuel  
Audience Editor—John Lango  
Business Manager—Ed Park

Entered as second-class matter November 22, 1947, at the post office in Pasadena, California, under the act of March 3, 1879.

# Notice:

Here it is—the information you have been waiting for. Who is Maggie Harrington, noted writer of letters to the California Tech?

Miss Harrington last year participated in Caltech's biggest social function—Lost Weekend. But not only does she know Techmen, she knows science. Her specialty is the polarization of electromagnetic radiation.

She stands 5 ft. 4 in. and weighs 130 pounds. Her home is at 920 Humboldt St., Santa Rosa, California, and her phone number is 33501.

Maggie recently received congratulatory letters from 20 colleges after her essay on "Polarized Light" won honorable mention in the Westinghouse Science Talent Search. She was the only girl in California to win this honor.

She is 17 years old. She is Tim Harrington's (Blacker '58) sister.

Impressed?

# Audience

# Red forms jazz group

News that the reassembled trio of Hamp Hawes, fiery West Coast-based piano player, was operating sans Hamp's former bass player, Red Mitchell, caused us to wonder as to the jazz activities of the very talented redhead. Three enjoyable sets at The Haig, a small but pleasant nitery on I. A. 5s Wilshire boulevard, served to answer all our questions. At this writing, The Haig has an unlimited contract with the Angel City's newest jazz group—the Red Mitchell Quartet.

From Jack Milman's group Hawes has recruited tenorman James Clay and drummer Billy Higgins, both relative newcomers to the jazz scene. On piano Red secured Lorraine Geller, a local mainstay who has worked primarily with her husband, altoman Herb, in night clubs and recording. What with James and Billy being in their early twenties and Red and Lorraine being somewhat older, the Quartet represents a mixture of youth and maturity which is apparent in their work.

This mixture, in fact, is a fairly accurate summary of the quartet and their style—a combination of emotion and vitality expressed with restraint. A good portion of the restraint comes as one would guess, from the fact that the fairer sex is represented in the quartet. But don't get the idea that Lorraine's playing is effeminate. With your eyes closed—although it's doubtful that a large portion of the male audience will be curious enough to make this particular blindfold

test—Lorraine's playing cannot be distinguished from that of her somewhat less photogenic brothers. But with eyes—and ears—open, one notes that Lorraine possesses a distinct sense of humor which, in turn, gives the group a certain whimsical esprit de corp that it might otherwise lack. This "group spirit," as Red chooses to call it, is manifested in countless ways: in Lorraine's perpetual (and sincere) amazement that

(Continued on page 5)

by K. Sugahara

Last week the Barfly was invited to dinner and was surprised to find a full seven course meal served with all the trimmings. This brings us to the feature of this week's column. "All the trimmings" included the connoisseur's drink—wine. In the opinion of most people, all wines are practically the same and leave it to the discretion of the waiter as to which type they will have with their dinner. A true connoisseur will know exactly which type he prefers with each individual entree and will order it.

The wines found in most restaurants are of two general types, French or American. The American wines, or specifically the California wines, are made from grapes grown from cuttings of vines originally imported from Europe and are therefore very similar to imported wines with subtle differences.

French wines, outside the products of Champagne, fall roughly into two groups—Bordeaux and Burgundy. The Bor-

deaux wines may be again divided into Clarets and Whites. The Clarets are dry, delicate and clear red in color. The Whites are both dry and naturally sweet and somewhat lemon-like in color. From Bordeaux we get the Medocs and the Graves, the red wines. The white Bordeaux include the Sauternes and the Barsacs.

Burgundy also gives us both red and white wines. The most famous of the red wines are the big, red Burgundies. They include Romanée, Romanée-Conti, Richebourg and Clos Vougeot. The red Burgundies are somewhat heavier than Clarets but are equally as delicate in fragrance and flavor. Also from this region comes Chablis, a white wine. Chablis is a light and lively wine, distinguished by a greenish tint. In between the red Burgundies and the Chablis, we find the Beaujolais.

They are mostly lighter than the red Burgundies but has their own particular charm.

Wines are rated according to where they were bottled and also by the year in which the grapes grew. As a whole the years 1947, 1949 and 1952 seem to be especially good. It must be remembered, however, that in any particular region good wine may be produced while the rest of the country is experiencing bad luck.

The well-known wines of other countries include Moselle and Rhine wines from Germany, Tokays from Hungary, Chiantis from Italy, Port from Portugal, and Sherry, Madeira, Malaga and Muscatel from Spain. In general, the Moselles, Rhines and Chablis are dry while the Tokays, Ports, Madeiras, Malagas and Muscatels are sweet. It is

(Continued on page 6)

### Audience

## 'Salt of the Earth' deals with miners

I've never seen "Salt of the Earth" but when I read the scenario over two years ago I read an interesting treatment of the social problems of Mexican-American miners in the Southwest United States. Interesting, yes, but not sensational; hundreds of novelists, notably John Steinbeck and Erskine Caldwell, have treated similar topics and many of them with much more iconoclasm.

Yet I learned that the movie was the subject of much controversy. All the big L. A. papers refused to advertise it, with the notable exception of the now-defunct Daily News. Representative Donald Jackson condemned it on the floor of Congress as a picture which is "deliberately designed to inflame

racial hatreds . . . (It) is a new weapon for Russia."

Here is a summary of the plot. Esperanza stands in the backyard of a ramshackle home. She says simply "My name is Esperanza, Esperanza Quintero. I am a miner's wife."

Ramon is her husband. He is an American born Mexican and works all day for a pittance at the mines of the Delaware Zinc Company. He is underpaid and discriminated against (the whites are made foremen) and he knows it as do the rest of the people in the mining town.

They organize in a union, try to negotiate their grievances with their bosses, and failing, strike. The strikers are threatened, cajoled, beaten, taken to jail. Still they maintain their picket lines. The days pass and the food runs low and is supplemented from donations of neighboring union locals.

Scabs are brought in in trucks and the man fail to stop them but the women marching on the dusty road keep them back.

The seeds of equality thus planted in the women's minds blossom as Esperanza stands up to Ramon.

And the movie ends with the strike unsettled and the grievances still existing but with a note of hope for the future.

### Jarrico to introduce

The Caltech YMCA is sponsoring a free showing of "Salt of the Earth" in Dabney Lounge at 7:30 p.m. this coming Wednesday. Paul Jarrico, one of the two producers of the movie, has been invited to introduce the movie and conduct a question-answer period.

Any discussion of the film would of necessity cover two areas. First would be the social problems considered by the film: discrimination against minority groups because of race, the organization of workers into unions to protest their working conditions, and the right of workers to strike, as well as a consideration of the "philosophical" problem of how to settle their grievances (this film was made in the 1950's, not in the 30's or the 19th Century; are labor's problems really "solved" as they are now supposed to be?)

Second would be a consideration of the nature of the attacks on the production and showing of the film and of censorship in general. To this end producers Jarrico and Herbert Biberman have written in the California Quarterly of Summer, 1953: "But to reach these judges, we must first get past the pre-judges . . . for whether the people are to praise this film or damn it, they must first have the right to see it. That is why we appeal to everyone who is morally concerned with free communication to help provide the atmosphere and the place in which "Salt of the Earth" can be shown and judged on its own merits."

John Lang

# The Barfly

## "What's it like to be

### A SYSTEMS ANALYST AT IBM?"

Two years ago, college senior Thomas Wheeler asked himself this question. Today, a Systems Analyst in IBM's Data Processing Division, Tom reviews his experience and gives some pointers that may be helpful to you in taking the first, most important step in your business career.



"What I probably like most about this job," says Tom, "is that you're never tied down to one desk and the same routine. There's always a new problem . . . a new approach needed . . . new people to meet and work with."

But first, what does a Systems Analyst do? "Briefly, we study a customer's present system—payroll, inventory control, billing or whatever—and convert it to a mechanized system using either conventional IBM business machines or IBM's high-speed electronic computers."

Tom works out of the IBM Baltimore Office with some of America's



Studying customer's present system

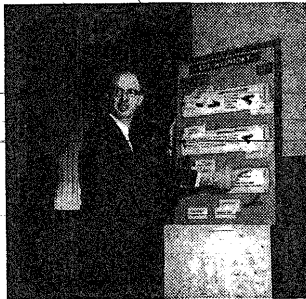
biggest companies as his customers. Graduated from Johns Hopkins in August, '55, with a B.S.I.E., he came immediately to IBM. During his training period, Tom studied IBM's Punched Card and Electronic Data Processing Machines. He learned their uses, their applications, and was instructed in the theories and methods of data processing.

### Diversified Assignments

A leading aircraft company was Tom's first major assignment. "My job there," he explains, "was to analyze the application of IBM's latest electronic computer—the 705—to regulate the flow of materials and machines used to fill Government contracts."

Then came a short, but highly satisfying assignment. At the Bellwood Quartermaster Corps, Tom set up a "SOAP" system (System for Optimum Automatic Programming) de-

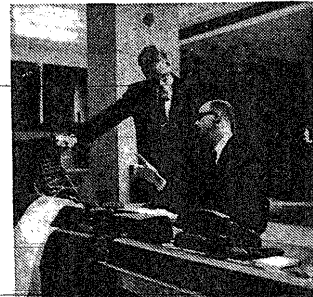
vised by Tom as "converting the flow of instructions and information into the most efficient operation for an IBM magnetic drum computer. Bellwood," Tom points out, "is the Inventory Control Center for all



A problem in inventory control

Quartermaster centers in the country. The new system will achieve balanced supply and demand of material throughout the entire U. S.—will save money for the Government—and relieve many men from the drudgery of details."

For the past six months, Tom has been working with the Statistical Services Division of Headquarters Air Research & Development Com-



Explaining IBM's 705 electronic computer

mand. "We are designing and implementing a system to link eleven reporting centers to Headquarters by wire transmission," Tom reports. "Data transmitted to Headquarters by this system will be coordinated and then processed by an IBM 650 electronic computer."

### Why Tom chose IBM

How does a senior like Tom, who was interviewed by at least twenty companies while in college, select his future employer? "In my case," Tom says, "the choice was easy. IBM offered the best opportunities. I knew IBM sales were about doubling every five years—and when I considered the tremendous growth potential of the electronic computer field—I had no trouble making up my mind.

"Besides, I was impressed by the caliber of IBM personnel. They had a broader outlook and an approach to



At the control panel of IBM's 650

business which I can best describe as professional.

"My future? It looks good—very good. I've already received two generous raises in less than two years, and at the rate IBM and the electronic computer field are expanding, my future is both assured—and rewarding!"

IBM hopes this message will help to give you some idea of what it's like to be a Systems Analyst in the Data Processing Division. There are equal opportunities for E.E.'s, I.E.'s, M.E.'s, physicists, mathematicians, Liberal Arts majors, and Business Administration graduates in IBM's many divisions—Research, Product Development, Manufacturing Engineering, Sales and Sales Assistance. Why not drop in and discuss IBM with your Placement Director? He can supply our brochure and tell you when IBM will next interview on your campus. Meanwhile, our Manager of College Relations, P. H. Bradley, will be happy to answer your questions. Just write him at IBM, Room 0000, 590 Madison Ave., New York 22, N. Y.



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# The Fair Sec's

by Brad Efron

This week's Fair Sec isn't. That is, she isn't a secretary; she is fair. As a matter of fact, much more than fair. Miss Mariann Geyer is a scanner!

Five days a week she sits in the basement of Bridge, busily scanning photographs for stray cosmic-ray tracks. A friendly, smiling girl (lovely smile), she was glad to stop scanning long enough to be interviewed. Here are the results of that exciting interview.

Mariann is a transplanted Kansan, who has preferred California for the past ten years. A PCC student, she is studying to be a bacteriologist, if she doesn't get married first. In her spare time she likes to dance and wear ivy-league clothes (her skirt had a real buckle-in-the-back).

### Unattached

Somehow, Mariann has never gone out with a Tech undergrad (poor girl!), despite the fact that she is yet unengaged and unsteady-dating. This is a real shame, considering her brown-eyed, pony-tailed vivaciousness. These she sits in the basement

of Bridge, just waiting to be spirited away from the clutches of the PCC boys. Semi-vital statistics: height, 5 ft. 6 in., brownette, 19 years old.

mentation which, to some degree, has characterized jazz from this area: "I feel experimentation should be a peripheral thing; it shouldn't be the essence of the conception of a jazz group."

We don't mean to imply that the approach of the quartet to jazz is a static one. Indeed, nothing could be less true. Their conception calls for evolution—within the jazz mainstream—an end they achieve in a variety of manners.

The quartet is combating the ever-present problem of monotony of sound in a small group, not by noticeably cerebral methods, but by diversification and simplicity. By and large, to listen to the Red Mitchell Quartet is a pleasant and exhilarating experience, and should you have the opportunity to do so, we strongly urge you not to forego it.

Frank Kofsky



Photo by R. Schmus  
Mariann Geyer, fair non-sec

# Campus Brewins

A sad, sad tale

Last week the Beak descended to the Tech office in a somewhat condition, due to the effects of certain liquids which had been administered internally. The result was a somewhat weakened edition of the "Brewins" to which the printer added the proper discomberative effect.

This week the Beak couldn't make it at all.

Nothing, absolutely nothing, happened in Fleming this week.

Pomona poesy

Contributed by a Pomona affiliate:

When Ricketts, Dabney, or Fleming has one:

Boys in one corner, girls in another, no one has fun. But in Blacker, home of good times for all,

Girls in one corner, boys in another, they still have a ball.

Run, run

One of Crad Ahey's presidents, vice-suitor to many, has finally been caught. Recently, Mr. Crawdads received a notice from a law firm that he was being sued for breach of promise. It seems that the damsel also thinks it slanderous that Gene called her "his."

O-oh, isn't that sweet?

You, too, may yet skill through department. Gerald L. K. Swedlow has announced that his Italian-fancying friend has become disengaged, and he is back in the market for 15-cent air mails. And also n-dollar phone calls, we presume.



Photo by R. Schmus  
5' 6"

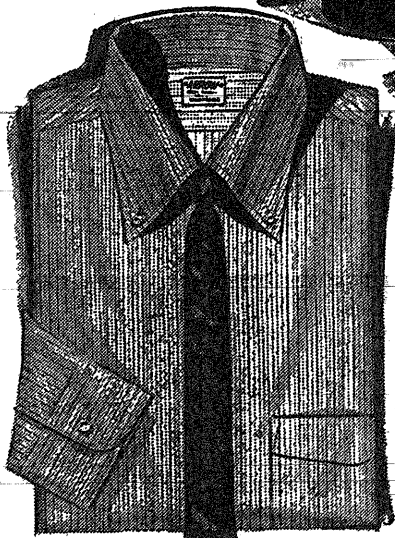
### JAZZ

(Continued from page 3)

the set has ended so soon, or in James Clay's statement, "Man, like this is the first time I don't look forward to the breaks." Even more significant, this spirit has been communicated to the audience, helping to overcome the barrier of apathy that, unfortunately, usually exists between audience and performers when jazz is played in night clubs.

This concern with intangibles such as "group spirit" gives indication that Red is a thinking jazzman as well as a feeling one, an indication that prolonged conversation with him does nothing to dispel. From the outset he makes it plain that the quartet is more than just another group and their work more than just another job: "We're really trying to do everything and we have the capabilities to do it." "Doing everything," as Red puts it, does not mean embarkation on a program of self-conscious experi-

Last season's  
hit  
is back—  
bigger  
than  
ever!



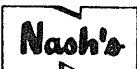
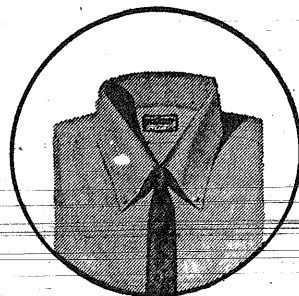
This Arrow University oxford shirt was such a smash hit last season, you asked for an encore. And for good reason! The collar is button-down—both front and center back. Full length box pleat in back. Pencil-line stripes on white backgrounds—plus white and five solid colors. Arrow University, \$5.00 up. Shantung stripe ties, \$2.50.

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IT'S FOR REAL!

by Chester Field



### STORM WARNING\*

Hurricanes are moody, temperamental;  
Hurricanes perform in fits and starts;  
Hurricanes have eyes serene and gentle;  
Hurricanes have predatory hearts.  
Hurricanes attack when least expected;  
Hurricanes delight in cutting whirls.  
Hurricanes can leave you broke, dejected . . .  
Funny we should name them after girls.

**MORAL:** Vive la femme! And vive le BIG, BIG pleasure of Chesterfield King! Majestic length—plus the smoothest natural tobacco filter. Chesterfield King is the smoothest tasting smoke today because it's packed more smoothly by ACCU-RAY.

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\*\$50 goes to Daniel J. Sullivan, Holy Cross College, for his Chester Field poem.  
\$50 for every philosophical verse accepted for publication. Chesterfield, P. O. Box 21, New York 66, N. Y.  
© Liggett & Myers Tobacco Co.

# DOUBLED AND REDOUBLED

by Gary Breithard

The three no-trump contract, proposed by South, was in for a sure one overtrick; but from North's viewpoint it looked fairly dangerous, and in addition there was the possibility of a slam in diamonds. So he carried the contract to five diamonds, a more exciting and certainly more precarious position in which to remain.

The problem facing the declarer is to avoid the loss of two heart tricks, since there is an inevitable spade loser. One could always hope that both heart honors reside in West's hand and lead toward the ace-jack on the board. Or, alternatively, the ten of hearts might be led from the hand in the hope that West would not cover with his king. However, the declarer in today's hand is much more resourceful and discovers a line of play whose success is independent of the defense.

South takes the opening lead in his hand with the ace of clubs. After pulling two rounds of trump he ruffs his two little clubs in the dummy, using the king of spades as a re-entry. He then cashes the ace of spades and leads a small spade from the dummy. Whether East decides to take this trick or leave it to West, they are faced with a similar predicament.

The North-South hands have been cleared of spades and clubs. A lead of either of these two suits allows South to slough a heart from his hand and ruff in the dummy. On the other hand, a heart lead from East into the dummy's ace-jack insures South of two heart tricks; and if West should gain the lead in spades

West  
S-J 7 4  
H-K 7 5 3  
D-A 3  
C-K Q J 4

North  
S-A 9 3  
H-A J 2  
D-K 10 9 7 5 2  
C-6

East  
S-Q 10 8 5  
H-Q 9 8  
D-6  
C-10 9 7 5 2

South  
S-K 6 2  
H-10 6 4  
D-A Q J 8  
C-A 8 3

Bidding:	South	West	North	East
	1 D	Pass	3 D	Pass
	3 NT	Pass	5 D	All pass
Opening lead —	king of clubs			

his resources are no greater. A heart lead from West would be ducked in the dummy leaving the king smothered.

The reader might be interested in working the situation out for all possible distributions of the king and queen of hearts. He will find, surprisingly, that the position of these two honors is not at all important to the success of the play. I might repeat for the benefit of those who memorize by cataloguing, that this is known as a strip and end play: the strip consists of eliminating all suits from the declarer's and dummy's hand but the trump suit and the critical one; the end play consists of throwing the defenders into the lead at the very end of this process, and in so doing force them to yield to you an extra trick or an uncertain one.

Next Wednesday, Tom Gunckel's bi-weekly duplicate bridge tournament will be held at 7:30 in Dabney's dining room. Last week's winners were: North-South (1) Wright-Jordan, (2) Stern-Saunders. East-West (1) Nissen-Singmaster, (2) Tie between Kamins-Pitzer and Ives-Sugahara.

## THE BARFLY

(Continued from page 4)

common to find both sweet and dry sherries.

By tradition and experience, certain wines are served with certain courses. Very dry Sherries and Vermouth go well with hors d'oeuvres. With fish, serve white Burgundy. Champagne or Sauterne is served with game and red Burgundy with roast. To go with dessert, Madeira is often offered. Sherry, Port and Burgundy should be served at room temperature while the rest are generally served slightly chilled.

Some good suggestions for the various types are the following:

Sauterne: Chateau de Rayne-Vigneau, a sweet imported wine; Chateau Masson, an excellent domestic wine highly recommended.

White Burgundy: Le Clos, a light, dry Chablis, Wente Brothers, another dry Chablis from California.

Red Burgundy: Dubois Beaujolais, a sweet, fruity burgundy; Cabernet Sauvignon (Paul Masson), a domestic burgundy of high caliber.

For general use as a table wine, we have found the Chateau d'Aqueria a good choice. It is a rose from the Cotes du Rhone and is sold at a reasonable price.

# The Bull Pen

by Ford Holtzman

Some courses are unpleasant, some are nauseous, some are apominations against the laws of God and man—and then there is EE 4b.

There are two kinds of courses. First there are those which are particularly pertinent to the field of endeavor you are pursuing. Then there are those which merit some attention from every scientist or engineer, indeed, from everybody in general (i.e. the culture courses). It is hard to see why EE 4b fits into either category for a physicist.

I doubt very much that knowledge of such things as T circuits, autotransformers, polyphase induction motors, and those confounded three-phase windings is of any value to physicists. I should think it would be sufficient to know that there are such things as motors and transformers, to know very roughly how they work and what can be done with them, and to be vaguely aware of the fact that there are more than one type. Why prospective physicists should be burdened with innumerable uninteresting details, I do not know.

Perhaps it is good to be made aware of what we do or do not like, but it did not take a whole term for me to discover that I do not like motors.

## Not a culture course

EE 4b can not be readily defended as a culture course either. Why on earth is it so important for an educated man to know much about motors beyond the fact of their existence? It would be nice if we had the time to study motors; it would be nice if we had time to study every subject. But it is impossible. We must concentrate on what we consider to be the most important. And I can not see that motors are so important as to warrant four hours a week for ten weeks as the catalogue would have it.

Then there are those little things that make a course more palatable—good instruction and a good text book. I can not say very much about the instruction. I fell asleep during the first class and did not go again for the rest of the term.

Getting up before eight o'clock did not make the class particularly enjoyable. Perhaps the instructor got the clue when the troops showed up one morning in bathrobes with cups of coffee in their hands. They did so not only in protest of eight o'clocks in general, but also in protest of the fact that the instructor saw fit to boost attendance by threatening to lower the grades of unexcused absentees. Actually I do not want to place much blame on the instructor. Considering the subject he had to work with, it is a wonder he survived at all.

## Ambiguous and difficult

The textbook can be summed up in a few words. The language is ambiguous and difficult to understand. The situation is made appreciably more difficult by the fact that there are frequent references to equations, illustrations, or paragraphs in other parts of the book which must be followed up if the material is to be understood at all.

To tell you the truth, all I got out of the course was an opportunity to rant and rave about something in the California Tech.



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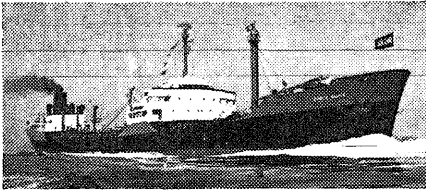
**Graduate - Then Fly... U. S. AIR FORCE AVIATION CADET PROGRAM**

# Sam Taber

—or why you don't pay more for gasoline

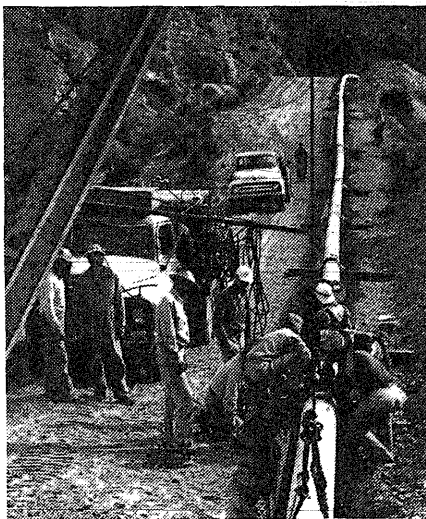
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# Tech mermen lose to Tigers conference chances look dim

Caltech's swimming hopes took a turn for the worse as the invading Occidental Tigers defeated the Beavers 45-41 last Friday at Alumni pool.

Occidental's depth proved the deciding factor; Rees was the only Tech swimmer who could match Oxy's freestylers and he could swim no more than the maximum three events. Although Caltech took the medley relay, 220 and 440 freestyle, the breast stroke and the freestyle relay, the Beavers could not take enough of the important second and third places to gain the victory. Oxy reached deep into their ranks to bring men into these seconds and thirds; the Tech lack of freestyle depth was emphasized as Oxy's champion diver Contreras took an important second place in the 50 free.

The week was not completely dark, however. Though Tech lost both ends of a double-dual meet to Santa Monica and UCLA, the medley relay team of Bob Smoak, Don Owings, Bob Blandford, and Keith Brown turned in a 4:17.4. At the same meet Clarke Rees set an unofficial school record of 5:10.6 in the 440 free. Against Oxy, Bob Smoak turned in his best time of the year in the 200 yard backstroke, placing second with a 2:36.9.

### Pomona next

The next conference meet for the team is Thursday, April 18, against Pomona-Claremont at the Tech pool. Pomona has a strong crew of sophomores and threatens to sweep the sprint events. Tech should be superior in the relays, distance, and individual events. All in all the

meet should be a close one, but Tech must win to keep in the running for the championship.

- 400 medley relay—Smoak, Owings, Blandford, Brown (C) 4:18.5
- 220 freestyle—Rees (C), Calderwood (O), Kahn (O), 2:23.1
- 50 freestyle—Pavey (O), Contreras (O), Asmus (C), 26.0
- 200 freestyle—Morner (O),

## Beavers beat Pas Naz 4-0

The Caltech Beavers downed the Pasadena Nazarene baseball team last Wednesday, 4-0.

Jim Snyder was the winner, with Tony Howell throwing three innings of relief. Snyder allowed only three hits, Howell two. Meanwhile the Beavers collected four hits and eight walks off Crusader pitcher Earls. Each team made three errors.

## Frosh baseball squad loses to Oxy, 12-2

In a game marked by Tech's inability to hit in the clutches, the Occidental frosh walked off their home field with a 12-2 league victory last Saturday.

The Beavers left 10 men stranded while the Oxy power hitters were combing the combined slants of John Walsh and Sam Trotter for 13 hits, including two triples and a double. The only extra-base blow for Tech was first baseman Lance Wallace's run-scoring double to left in the top of the eighth.

### Quick lead

Oxy jumped off to a 1-0 lead in the first inning on a hit batter, a single, and a daring steal of home. In the third, the gap widened to 5-0 on a pair of cheap Texas Leaguers, one solid single, and two costly Beaver errors, making three runs off Walsh, unearned. The Tigerkittens put the game in the bag in the fourth, with a triple, double, two singles and a pair of walks giving them a 9-0 lead.

The Beavers finally hit in the clutch in the eighth, when catcher Dave Blakemore singled, Bob Golden forced him, and Walsh got on by an error, setting the stage for Herm Hartung's run-scoring infield out and Wallace's fly-ball double.

For two league games to date,

## Frosh drown Oxy swimmers

East Friday the Occidental frosh swimmers lost a fairly close one to the Tech Webb-men.

Dave Tucker and a Cub were entering the last lap of the 440 freestyle when they reached the final rope, which is put in place a half lap before the finish. Normally both swimmers would have kept on going to the end of the pool and returned to the rope, but Dave stopped, having lost count of laps, and the Oxy man stopped too. Finally, after much screaming by both sides, the two men continued and Tucker won by a foot, which was the lead he had when he stopped.

Big guns of the afternoon were Wally Stolz who won the 200 backstroke and was in the winning medley relay and Don Vost, also in the medley relay and winner of the 200 breast-

Blakemore is the team's leading hitter, with four hits in eight trips for a .500 average. Walsh leads in the field, accepting seven chances for a 1,000 percentage.

Saturday the Beavers meet Redlands and Wednesday they meet Whittier in a return match, both on the Tech diamond.

CIT	0	0	0	0	0	0	0	2	0
	1	2	3	4	5	6	7	8	9
	R	H	E						
CIT	0	0	0	0	0	0	2	0	2
Oxy	1	0	4	4	3	0	0	0	x 12
									13
									6

## Interhouse Sports

Last Monday, the Interhouse race swung into the final lap as two of the leading contenders, Fleming and Blacker, opened the 1957 football season. Blacker, who is currently in the lead with 75½ points, lost to Fleming, 19-9. Fleming is holding down third spot with 72 points.

The Big Red team is undefeated so far, having also beaten second place Dabney, 19-0, in a Discobolus match.

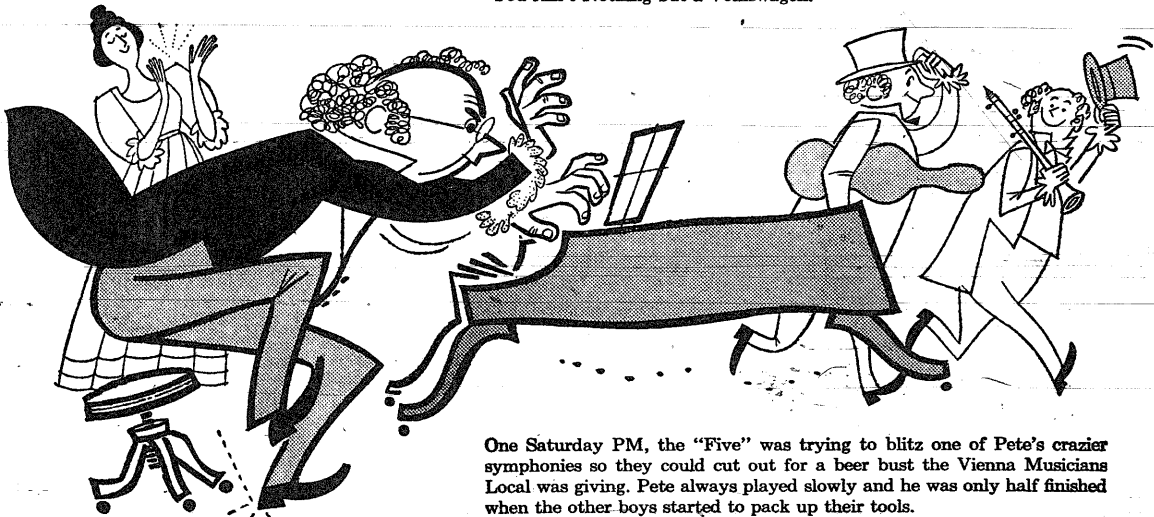
The first score came when Fleming tailback, Glenn Converse, completed a touchdown pass to end Bob Moore, who is built more like a wrestler than a football end. Later a swarm of Blacker men trapped Tom Gunckel in the end zone for a safety. There was no further scoring until the end of the half, and the score remained 6-2.

In the middle of the third quarter, Converse was on the receiving end of a touchdown pass thrown by Gunckel. Fleming scored once when, in the fourth period, Converse threw a short buttonhook to end Gordon Fullerton. The conversion was made on a Converse-to-Moore pass.

With less than a minute to go, Blacker's Don Stern managed to connect with one of his ends for Blacker's only touchdown. Roy Curran caught it, making the score 19-8. Stern threw once more, this time to Gordon Baird for the extra point.

# The Unfinished Symphony

(OR) FRANTIC FRANZ FAILS TO FINISH



Things were pretty rough for Franz (Pete) Schubert when he was teaching school in Vienna. All day long he ducked spitballs and flat notes, and at night, when the village began to jump, Pete was just too pooped to pop. He would go home, knock out an octet or two and hit the sack.

One night, though, the pianist in a snazzy little combo called the Blitzkrieg Five slipped a disc and Pete had a chance to sit in. The group was beating it out in a taxi-dance trap called the Vienna Opera House when Pete improvised for an encore.

"Cool! Cool!" the cats howled . . . and bought tickets by the yard. Naturally the management slapped a "Held-Over" sign on Pete, and he was made.

Night after night he played this make-it-up-as-you-go-along jazz, and the Vienna teenagers went into dislocations. His biggest hit, of course, was "You Ain't Nothing but a Volkswagen."

One Saturday PM, the "Five" was trying to blitz one of Pete's crazier symphonies so they could cut out for a beer bust the Vienna Musicians Local was giving. Pete always played slowly and he was only half finished when the other boys started to pack up their tools.

"Go, Man, Go," yelled the drummer. "The beer's getting warm and I'm only paid up till midnight." "But I'm not finished," cried Pete in anguish, beginning to burn up the keys. "So what!" cried the Blitzkrieg Four to the Fifth—"they're serving Budweiser." "Budweiser!" gurgled Pete, pushing the piano off his lap. "Why didn't you say so. Man, this is the unfinished symphony."

MORAL: No party will become "unfinished" with Budweiser. Order the King of Beers . . . and none of the cats will cut out!

# Budweiser

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# The Sports Beat

by Steve Emmanuel

There is one sport played in this school that is popular on an intramural level but not intercollegiate. I'm speaking of volleyball, the only one of the interhouse sports for which you cannot receive a letter (I'm classifying softball as similar enough to baseball to be considered as the same sport). One of the few times volleyball gets recognition outside of the average university is in the National Collegiate Volleyball Tournament, of which UCLA is the current champion.

Last Tuesday night, April 2, at UCLA, Caltech, along with six other schools in the vicinity, competed in the Southern California division of the NCVT. Comprised of Giles, Betz, Glenn Converse, Arne Kalm, Truman Long, Tom Plambeck, John Stevens, and Jim Welsh, the Beavers took fifth, with a 2-4 record. UCLA's first team came in first by winning eight games and losing none. The men from Tech played purely for the sake of the game. They also learned a great deal about the sport as the referees were prominent members of the National Volleyball Association.

The Tech team got very little recognition for their efforts except for PE credit. It's too bad the sport isn't more organized since volleyball is one of the more exciting sports played at Tech, for both players and spectators.

\* \* \* \*

If there is any one factor common to all sports at Tech, it is lack of depth. This is especially evident in frosh sports, where in some cases, such as cross-country, they cannot even field a team. But even in the varsity sports, it is a serious problem. The baseball team has lost two double-headers in a row mainly because of the lack of pitching depth. The swimming team could have very well lost the championship because Web Emery had to spread his men too thinly. And so on down the line. I doubt whether this situation will ever be remedied, since the Institute does not plan on increasing the enrollment. It is just one of those things that the coaches must perennially contend with. It is also one of those things that makes victory so much sweeter.

\* \* \* \*

Last Saturday, on Alumni Day, the co-champions of the 1956 SCIAC baseball season played a double-header in Tournament Park. Oxy won both, 8-2 and 8-4. The attendance at the game was six students, seven alumni, three females, and Mr. H. Z. Musselman. This does not include the Oxy rooters, who outnumbered us. Nice going.

## Redlands beats CALENDAR frosh, 79-44

Caltech's frosh track team scored 44 points to lose by 79-44, in a dual meet with Redlands last Saturday.

Al Laderman scored 10 points by himself, taking seconds in the pole vault, shot put, 220 low hurdles, and a third in the broad jump. Magie scored 8 points with a first in the shot and a second in the discus. Purnell, competing unopposed, won first in the javelin. Holland took three thirds, in the 100, the 880, second in the 440 and a third in the 220. A newcomer on the team, Tom Brown, took first in the 120 high and a third in the 220 low hurdles. Shanks took first in the two mile and second in the mile.

## Linksters lose to Loyola, tie Poets

by Ed Schuster

This week's golf results look more encouraging. Friday's match with Loyola was a great improvement over the first meeting. Even though the team lost, the score was a more respectable 34-20. Monday, the team returned to its old ways and was lucky to get an 18-18 tie with Whittier, who is not one of the powerhouses in the conference. Tomorrow's match pits the Beavers against the Oxy Tigers in a meet that is a must if the team hopes to go any where in the conference this year. From now on they have to win all their league matches.

- Thursday, April 11**  
TENNIS Pasadena Nazarene at Caltech (Frosh), 2:30  
SWIMMING Flintridge at Caltech (Frosh), 4:20
- Friday, April 12**  
GOLF Occidental at Caltech, 1:30
- Saturday, April 13**  
BASEBALL (2) Caltech at Redlands, 12:30  
TRACK Westmont and Pasadena Nazarene at Caltech, 1:30  
BASEBALL Redlands at Caltech (Frosh)
- Tuesday, April 16**  
TENNIS Cal Poly (SD) at Caltech (Frosh), 3:00p  
BASEBALL Cal Poly (SD) at Caltech, 4:15
- Thursday, April 18**  
TENNIS Caltech at USC  
SWIMMING Pomona at Caltech, (V. & Fr.)
- Friday, April 19**  
GOLF Pomona at Caltech
- Saturday, April 20**  
BASEBALL (2) Caltech at Whittier  
TRACK Santa Barbara Relays  
TENNIS Pomona at Caltech  
TENNIS Caltech at Pomona (Frosh)  
BASEBALL Caltech at Pomona (Frosh)

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# Tigers smash varsity twice

The Tigers of Occidental College handed the Tech nine two defeats on the Tournament Park diamond last Saturday to give the Beavers a 0-4 record in conference play to date.

In the first game Oxy right-hander Dallas allowed only four Tech hits as his team won 8-2. Ed Nelson was the loser, giving up seven safeties. There were four Tech errors.

In the second game the Beavers' hitting improved as they took pitcher McKenna for ten hits, but were able to score only four runs. Tony Howell also gave up ten hits, but Oxy capitalized on them to the extent of eight runs. However, there were two Tech errors and a passed ball while the Tigers made no slips.

Both games were marked by Oxy fielding excellence, their infield turning in some really fine plays. The Beavers' fielding also showed improvement over past games, while hitting lapsed. The absence of Ed Berry undoubtedly hurt Tech both defensively and offensively. This Saturday sees the third of four conference double headers to be played by Tech, this time at Redlands. The first game will start at 12:30.

# Bulldogs bulldoze Beavers to first conference loss

Led by Ray Manion in the distance races and Denny White in the sprints, the University of Redlands track team ran away from the Caltech squad 101 1/2 to 29 1/2 in a conference meet last Saturday at the winner's field.

Bob Emmerling, Chuck Luke, and Larry Kraus have the distinction of being the only Beavers to take a first place. Emmerling won the half in a creditable 1:58.6, his best time of the year. Luke kept the javelin tradition at Tech still burning strong by winning the event at 179 ft. 8 in. Kraus tied Johnson of the Bulldogs at 6 ft. 1 1/2 in. for first in the high jump.

### 4:26.2 mile

Some of the more notable winning marks were posted by Manion, who won the mile in 4:26.2 and the two mile in 9:55.0. Tony Leonard ran the mile for the first time this year and came in a strong second. He stuck close to Manion for three and one-half laps, finishing with a 4:39 fit. Ron Forbess ran his best quarter of the year in 51.4, but managed to take only third against Scribner and Young of Redlands. Scribner won the event in 50.6.

This Saturday, Tech meets Westmont and Pasadena Nazarene in a three-way meet. Both teams lost to Whittier, and Tech has beaten the Poets. Also the Caltech frosh will enter as number two team.

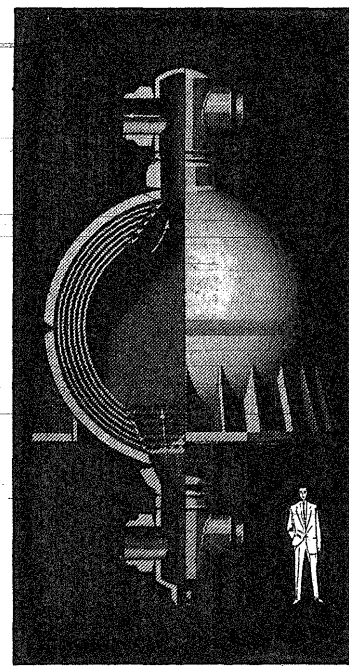
- 100—White (R) :10.4, Lovenberg (R), Cleveland (C).
- 220—White (R) :22.4, Lovenberg (R), Krehbiel (C).
- 440—Scribner (R) :50.6, Young (R), Forbess (C).
- 880—Emmerling (C) 1:58.6, Rusch (C), Scribner (R).
- Mile—Manion (R) 4:25.2, Leonard (C), Hall (C).
- Two mile—Manion (R) 9:55.0, Chaffee (R), Wulf (C).
- 120 high hurdles—Winter (R) :15.2, Roberti (R), Lewis (R).
- 220 low hurdles—Lewis (R) :26.0, Van Kirk (C), tie between Winter (R), and Roberti (R).
- Javelin—Luke (C) 179 ft. 8 in., Brooks (R), Lewyn (C).
- Broad jump—Smothers (R) 22 ft. 6 1/2 in., Backus (R), Klesler (R).
- Shot put—Schargus (R) 45 ft. 3 1/4 in., Lewis (R), Dew (R).
- High jump—Tie between Kraus (C) and Johnson (R) 6 ft. 1 1/2 in.
- Pole vault—Janewicz (R) 13 ft. 0 in., Brooks (R), tie between Norton (C) and Backus (R).
- Discus—Echargus (R) 146 ft. 4 1/4 in., Houser (R), Dew (R).
- Relay—Redlands (Brooks, White, Young, Scribner) 3:26. Blandford (C), Norman (C), 2:37.0

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# Westinghouse

**Announcements**

**OFFICES OPEN**

Candidates for the offices of Little T Editor, Election Committee Chairman, and Instructors President should leave a note in the K box in Dabney stating their intended office and be present at the Board of Directors meeting on April 22.

Candidates for the office of editor of a pictorial representation of third term activities to be published this year should also be present at the April 22 meeting of the Board.

**BAXTER CHEM PRIZE**

Contestants for the undergraduate chemical research prizes should submit their reports of their work by Monday, May 20, in order to be considered.

The report is to be prepared by the student without faculty assistance and should describe concisely the research done and its significance.

Competition is open to any student in the chemistry or applied chemistry option. The prizes of \$150 and \$100 are provided by a grant from Don Baxter, Inc.

**FROSH OPTION MEETINGS**

Two option meetings will be held for freshmen during the coming week.

Freshmen are reminded that options must be decided upon by preregistration week, May 13-17.

Frosh interested in mechanical engineering should attend a discussion of its aspects in 206 Engineering, Monday, April 15, at 4 p.m.

Those considering physics should meet in 22 Gates with Prof. Lauritsen at 4 p.m., Tuesday, April 15.

**GORDON**

(Continued from page 1)

is a nice guy, and he takes a personal interest in his students."

Gordon somehow acquired a reputation of being a "boy wonder" taking four years to earn his Master's degree in mathematics at John Hopkins University, then storming down on Caltech to receive his doctorate and instructor's status in another three. Anxious to dispel this notion, Gordon yet remains reluctant to talk about himself. But he has been persuaded to relate a few facts about himself.

He lived most of his early years on Gibbon Island in Chesapeake Bay, doing a normal amount of sailing and fishing and an abnormal amount of insect collecting. His success with the hobby of entomology is all he can muster to support any claim to his being a prodigy.

For a time Gordon seemed determined on a career in music. He studied piano for several years, and attended the Peabody Conservatory in Baltimore on a scholarship. He became interested in math while attending high school. Nowadays, Gordon confines his music to occasional chamber-music jam-sessions with Mrs. Tom Apostol on violin.

Gordon explains that he is taking a teaching position elsewhere to gain experience and broaden his contacts in his field. He adds the heartening note that he would like very much to return here to teach.

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**Mobilgas sets Sun Valley as destination**

Sun Valley, Idaho, is the destination of this year's annual Mobilgas Economy Run which will start at midnight Sunday, April 14, from the General Petroleum garage at Eighth and Flower Streets in Los Angeles.

Observers are to be at Tournament Park with their baggage at 7:45 a.m. Sunday. A bus will take them from there to the G. P. garage. The route includes overnight stops at San Francisco, Winnemucca, Nevada, Ogden, Utah, and Sun Valley. Each day's departure time (12 midnight or 1:30 a.m.) is scheduled so that arrival time will be immediately before deadline time of the eastern papers.

After arriving at Sun Valley about 9:30 Thursday morning, 38 of the observers will leave at 1:30 p.m. They will be taken to Twin Falls, Idaho, where they will catch a United Airlines flight that arrives here about 9:30 that evening.

Chief observer this year is Dr. Peter Kyropoulos and deputy observer is Bob Gelber.

**Fate of magazine determined tonight**

What's in a name? This is but one of many problems to be threshed out tonight at 7:30 in the California Tech office, as an all-new literary publication attempts to rise from Farrago's ashes.

**ROTC team in drill meet**

This coming Friday, April 12, the Caltech AFROTC drill team will journey to San Diego to take part in the annual Area drill competition.

They will compete against drill teams from UCLA, Loyola, Occidental, San Diego State, and USC. The winner will travel to Stanford to compete against other sub-area winners for the Western Area championship.

For the third year in a row, the drill team is commanded by Cadet Major Craig T. Elliott. This year Cadet Elliott is assisted by Cadet Captain Barry E. Feinberg, the deputy drill squadron commander, and by Cadet Second Lieutenant Curtis C. Bell, who, as drill squadron commander, will take command during the actual drill competition.

**Around The Quad**

**BEADLE**

Dr. George W. Beadle, chairman of the division of biology at the California Institute of Technology, will leave tomorrow (April 3) for Geneva, Switzerland, to attend the Third Session of the United Nations Scientific Committee on the Effects of Atomic Radiation. The conference will be held April 8-18 inclusive.

Dr. Beadle, one of the two advisors to the delegate from the Atomic Energy Commission, will return to Caltech on April 24. The second advisor to the AEC is Dr. Sterling Emerson, Caltech geneticist.

**DABNEY EXHIBIT**

An exhibit of more than forty photographs of drawings and paintings of The Crucifixion, done by the noted artist, Rico Lebrun, will be on display at the California Institute of Technology April 9 to 22 in the lounge of Dabney Hall of Humanities.

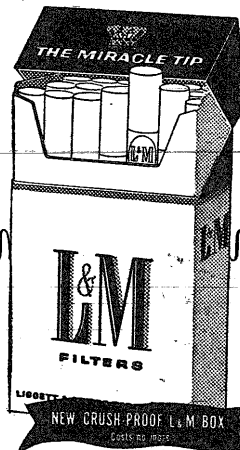
The exhibit is open to the general public Monday through Friday from 9 to 5 and Saturday morning from 9 to 12.

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3. Contest restricted to college students. Entries must be postmarked no later than midnight, April 30, 1957.
4. Entries will be judged on literary expression, originality, sincerity and aptness of thought. Decision of our judges is final. Winners will be notified by mail.

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