

Wave Of Madness Strikes Tech Campus

A wave of undergraduate madness hit the Caltech campus last weekend as reports of incidents reached the California Tech faster than they could be handled.

Item: Occidental's plaster tiger disappeared from a "virtually breakproof" room Sunday morning, showing up later the same day in Blacker House.

Item: A fresh grave appeared in the sod beside the Olive Walk, bearing a headstone with the inscription, "Occidental College, Founded 1887."

Item: "Bob's" drive-in of Arcadia reported the loss of a larger-than-life-size statue of the "Big Boy" on Sunday. A larger-than-life-size statue of the "Big Boy" was seen standing in Fleming courtyard soon after.

Item: A group of 150 citizens was panicked at a Pershing Square speech by "scientists from the Solar Research Institute of Toronto," who were later identified as undergrads from Ricketts.

Members of Blacker House displayed the plaster tiger, along with "Bengalina," (a costume tiger-head) and a large banner reading "Occidental." The booty was spirited from the storeroom through a trapdoor at 3 a.m., according to a Blacker spokesman. He said the loot would be kept in hiding at least until middle November.

Swan Song

Rumors that John Paden, Oxy's student body president, was buried in the Olive Walk

grave were vigorously denied by Dabney House officers. Members of Dabney admitted taking the cornerstone during a foray to recover a Tech Athletic Field sign



from the front of Swan Hall. The California Tech reporter who interviewed the raiders was

forced to doubt their claim that "two frenzied sophomores" lifted the stone, which weighs 500 pounds, into the getaway car by themselves.

Oh Boy, Big Boys

Fleming House members, who wished to remain anonymous, claimed that several of their number ran amok in the general hysteria after supper on Sunday. The men speeded the \$600 "Big Boy" statue from its Arcadia location in a truck, and left a ransom note demanding 20,000 Big Boy hamburgers in separate bags.

According to one source, "Bob's" officials have been notified and are nervously going along with the gag while nego-

tiating for the return of the statue.

F = ma

Participants in the "Pershing Square Putsch" pre-empted a religious revivalist from his crowd and began forecasting the end of the world by December 4. "Dr. Baugh" and his research assistant "Mr. Crissman" gravely related how investigations at the "Solar Research Institute" indicated that "friction from accumulated space warp effects will slow the earth's rotation 30% by December 4, and the resulting heat will destroy all life." Helpful onlookers who began circulating petitions and soliciting contributions were discouraged by the hoaxers, the California Tech learned.

The California Tech

California Institute of Technology

Volume LX.

Pasadena, California, Thursday, October 9, 1958

Number 3

Announcements

E.P.C. MEETS

An organizational meeting of the Educational Policies Committee will be held next Wednesday, October 15, at 7:30 p.m. in the Board room.

STUDENT SHOP

Applications for membership in the Student Shop are now being accepted. Blanks can be obtained from Bob Pailthorp and Bruce Allesina in Fleming or from members of the shop committee. They should be returned by Wednesday, October 15.

KRCA Series To Show Tech In Action

A series of television programs titled "The Next Hundred Years" will be presented by Caltech and station KRCA, Los Angeles, Channel 4, beginning November 1. The programs will present a comprehensive story of the research work now in progress at Caltech.

The series will run not only in the Southern California area but will also be shown in New York City and possibly in other major cities.

Subjects to be covered include geochemistry, immunology and allergies, astrophysics, aeronautics and theoretical physics. The first program will feature Dr. Harrison S. Brown, the co-author of the book from which the program gets its name.

The program will be conducted whenever possible on an informal basis accompanied by illustrative demonstrations. Many programs will originate from the research labs at Caltech itself.

Young Democrats To Meet Tonight

A group of politically minded students have organized to form a Caltech branch of the California Democratic Party.

Anyone interested in such an organization is urged to attend the first meeting at 8 p.m. in Dabney Hall tonight, by charter members Eli Chernow, Steve Luner and Pete Bickel. Membership is unlimited, undergraduates, graduates, faculty and staff all being welcomed.

Satchmo To Play At ASCIT Concert



"Ambassador" Satchmo Armstrong will be featured along with the Firehouse Five Plus Two and Jackie and Roy at the ASCIT Jazz Concert October 18.

Pep Rally Scheduled Tonight To Start League Grid Season

Caltech head cheerleader Marty Wolff has scheduled a pep rally to be held on the baseball field tonight at 8 p.m. The rally officially initiates the Conference football schedule which commences Saturday with the Redlands game.

Tech Teams Start Debate

Twenty Caltech men, mostly freshmen, attended a demonstration clinic in forensic activities last Saturday at Occidental College.

The purpose of the clinic, sponsored by the Southern California College Forensic Association, was to acquaint member students with the nature of speech activities in the area, especially this year's debate and discussion topics.

This year's debate question will be, "Resolved: That the further development of nuclear weapons should be prohibited by international agreement." The discussion topic will deal with American relations with Latin America.

Next on the Caltech Forensics calendar is an individual events tournament at Santa Barbara on October 16, which will include contests in discussion, impromptu, extempore and interpretation.

Present at the pep rally will be the football team and the girl cheerleaders, along with Marty Wolff and Joel Yellin, official hoarse-throats.

Freshmen are reminded that the listings of house memberships, the culmination of rotation, will not be announced until long after the pep rally is over, thus giving them plenty of time to attend. The whole student body is urged by Wolff to come "prepared to yell your heads off."

Dancing, Food Await Rooters

Tech football rooters and their female friends will find soul-soothing music and esophagus-soothing refreshments waiting for them in the Ricketts Lounge after Friday night's game with Redlands.

The dance, sponsored this week by the sophomore class, is the first of several such post-game activities planned by ASCIT and the classes.

Firehouse Five Plus Two, Jackie and Roy To Appear At Pasadena Civic Oct. 18

Louis Armstrong, fresh from a long date at the Crescendao in Hollywood, will headline a jazz show presented by ASCIT October 18 at the Pasadena Civic Auditorium. Along with Louis will be the Firehouse Five Plus Two and a new modern vocal group, Jackie and Roy.

Armstrong recently completed a two year tour of the world during which he played in Honolulu, Tokyo, Europe and Africa. His trip was highlighted by a long stay in the Gold Coast, where his family originally made their home.

Louis got his start by playing trumpet in funeral processions in New Orleans, his home town. He gradually climbed the ladder of success to become one of the most prominent jazz and dixieland musicians of his time. He is credited to be the originator of the traditional dixieland as we know it today.

Disney's Jazzmen

Also on the program will be The Firehouse Five Plus Two, considered an outstanding Dixieland group. The members of the group, professional cartoonists at the Walt Disney Studios, appear in public on very rare occasions, and then only on programs easily accessible from their Pasadena homes.

The group was organized in 1946 by Ward Kimball, the present leader, and made limited weekend appearances at the Santa Monica ballroom until they were offered a recording contract. Since then they have had notable success nationally.

Third in Poll

Jackie Cain and Roy Kral also met in 1946 when both were appearing with the Charlie Ventura band. After the band broke up in 1947, Jackie and Roy married and formed their own vocal and instrumental quartet. They soon cut a recording which sold well, and since then their popularity has been climbing steadily, as is evidenced by their placing third behind the Four Freshmen and the Hi Lo's in the Down Beat vocal group popularity poll.

Tickets to the concert, which can be purchased from representatives in all the student houses and from the news bureau, sell for \$1.50, \$2.00 and \$2.75, with student discount, and

(Continued on page 4)

"Y" Leaders Series Starts With Maslow

Dr. A. H. Maslow and Dr. James Conant are the first scheduled visitors to the Caltech campus in the YMCA-sponsored Leaders of America program, according to Bob Blandford, Y president. Maslow will be on campus December 3-5 and Conant will follow January 12-15.

Maslow is Professor of Psychology at Brandeis University and a well known lecturer on the subject. He is the author of



Dr. A. H. Maslow

several books, including "Motivation and Personality," and "Principles of Abnormal Psychology."

Conant is retired president of Harvard University, and a former U.S. High Commissioner in West Germany. He is now engaged in a study on methods to improve American high schools, about which he wrote a recent article in Life Magazine.

The leaders program has as its objectives: bringing men of international repute to the Caltech campus and allowing students direct informal contact with them.



"Tell you what, Akseled—let's flip for 'em and I'll throw in a sophomore to make it interesting."

LETTERS TO THE EDITOR

● Book Review

Editor, *The California Tech*

The review of Kent Clark's *King's Agent* in last week's *Tech* seemed to me so misinformed and in such poor taste that I cannot forbear comment. In the first place when your reviewer—joined by your headline writer—calls the book "lifeless," one feels that he has not read it carefully; when he says it is "unsullied with either flights of poetic fancy or searching illumination of the problems of the time and the people," he clearly fails to understand that an historical novel is primarily an adventure story; when he condemns the dialogue out of hand, he fails to catch the echoes of good Eighteenth Century wit in the conversation; and when he speaks of the "thin veneer of a weak plot," he misses the innovation of the flash-back in this genre.

But it is primarily the lack of good manners contained in the tone of the whole review that disturbs me as a member of the Caltech community. Reviews by persons outside that community have been favorable and good mannered; apparently it remains for someone within the Caltech community, for which Professor Clark has done so much, to describe his work in such terms as "blatantly superficial." This is hard to understand.

I hope the *Tech* will not repeat this transgression of the laws of responsibility and decency.

Beach Langston

● Reviewer's Reply

Editor, *The California Tech*.

I am sorry that my review of Dr. Clark's already successful book has been so disturbing. I am deeply sorry if I have personally offended him in any

way. I certainly had no intention of doing this.

In explanation of my position let me say that I feel that the main problem of any novelist, whether he writes historical novels, science fiction, or social criticism, is how to communicate. On this my criticism is based.

Dr. Langston contends that historical novels are essentially adventure stories. I reply that this can be their essential character only if the plot is strong and the characters interesting, since by definition these factors are necessary for an enjoyable adventure story. I claim these factors are not present and Dr. Langston replies that since the flashback technique is an "innovation in this genre" the plot is strong. I fail to see how the addition of a mere literary technique to any piece of writing automatically makes it good.

My criticism of the dialogue is not based on the contention that the "wit" was not accurate. I merely wondered at the seeming admixture of eighteenth century slang and somewhat formal twentieth century normal speech.

As for the tone, I will admit that the review was not written in the nicest possible tone, but I would also like to point out that neither was it the extreme height of sarcasm. I believe I have the right to use expressions such as "blatantly superficial", "thinly covered" and "weak".

It is too bad that Dr. Clark and I are in our relative positions in that I am a college sophomore and he a faculty member, but I do not think this necessitates a hands-off attitude for me in regard to his work. He has placed it in a public position and as such it receives the comments of the multitude, be they good, bad, or indifferent.

Joel Yellin

The California Tech

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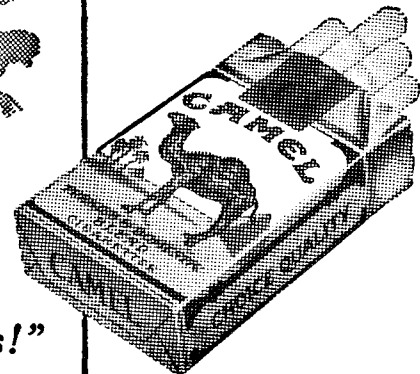


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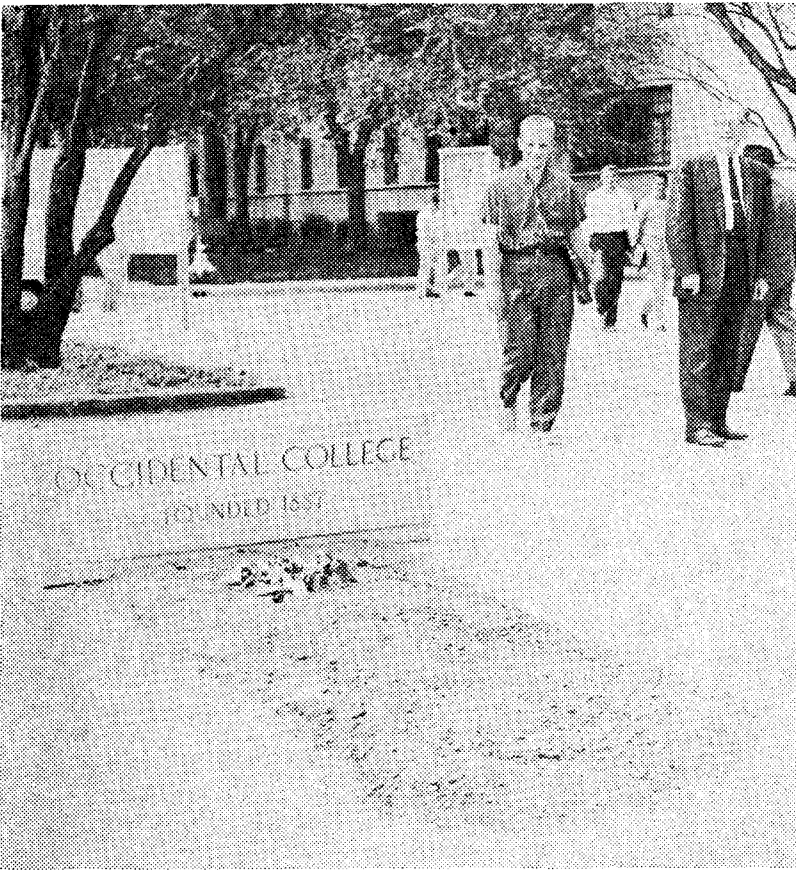


R. J. Reynolds Tob. Co., Winston-Salem, N.C.

Mad Sunday: Aftermath In Pictures



ASCIT photo

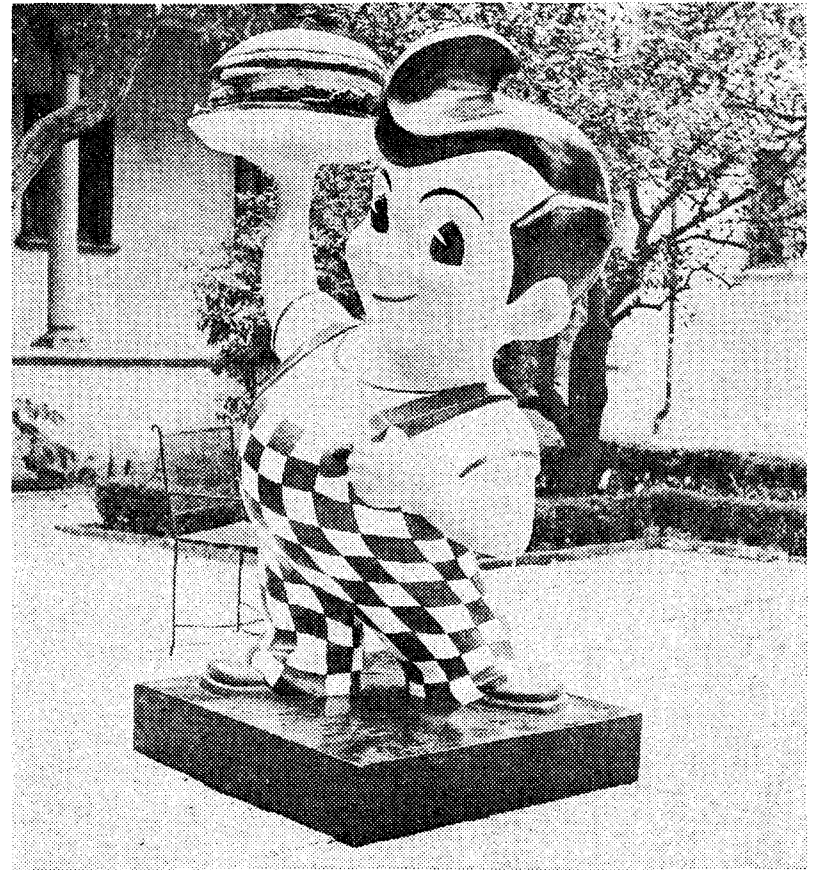


UPPER LEFT: The Oxy Tiger came to dinner Monday evening in Blacker House. It was on display for a day after it was removed from the Oxy campus in an interschool raid, then went into hiding.

UPPER RIGHT: Occidental's football banner came back to Tech with the tiger, was displayed in Blacker courtyard.

LOWER LEFT: A coincident raid netted Occidental's Cornerstone, which now marks a grave by the Olive Walk.

LOWER RIGHT: The Big Boy statue from "Bob's" drive in somehow got caught up in the kleptomaniac rush, spent a day in Fleming courtyard.



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Jazz

Armstrong Called 'Poet Laureate of Jazz'

By Joel Yellin

On Saturday, October 18, Louis Armstrong, variously known as "Satchmo", as the man with the bronze lips and the silver tone, comes to Pasadena under the sponsorship of ASCIT for a jazz concert. Armstrong rates as one of the great all time horn men; Marshall W. Stearns called him the "Poet Laureate of Jazz."

Born in New Orleans in 1900, Louis learned the trumpet at the age of fourteen. He had an amazing ear for music which allowed him to pick up almost anything he heard and play it immediately.

JAZZ CENTER

New Orleans in the twenties was a hotbed of jazzhounds. Men like Bunk Johnson, Dago

Tony, and Joe Cliver hit the honkeytonks with a ragging singing roaring jazz that Louis loved to hear. He couldn't stay away from it: night after night he and his friends would sneak out to Dago Tony's and hide somewhere so they could listen.

When Armstrong was thirteen he was placed in a Colored Waif's Home and he soon discovered the enchanting fact that the Home had a brass band. After a few months the regular trumpet player left the Home and to Louis' delight he became the regular horn man for the little band.

ON HIS OWN

A few years later, Louis, along with a friend, Joe Lindsey, formed his own band. It contained only six pieces, but they soon began to compete with the "professionals." During the day he hauled coal at fifteen cents a load. He was busy hauling one day when, driving past the railroad station, he saw Joe Oliver's old partner, Kid Ory. The Kid offered Louis Joe's old place on the band and, flabbergasted and astonished, Armstrong accepted.

At eighteen Louis met his first wife, Daisy Parker. The marriage lasted four years, during which they alternately loved and fought, sometimes both at the same time.

At twenty Louis met Fate Marable, a jazz pianist with a riverboat and an eye for great jazzmen. While playing for Fate, Louis met Jack Teagarden and broke into goose pimples at the smooth sound of big Jack's trombone.

BIG CITY JOB

When he was twenty-two Armstrong got a job offer with Joe Oliver, now playing Dixieland in Chicago. The group con-



Louis Armstrong

sisted of Honore Dutrey, trombone; Baby Dodds, drums; Lil Hardin, piano; Bill Johnson, banjo; Johnny Dodds, clarinet; Joe Oliver and Satchmo, trumpets.

With the Chicago job, Louis' reputation was established. He began a long and notable recording career. Also he met his second wife playing in Oliver's band, Lil Hardin, the piano player. His second marriage lasted eighteen years.

SATCHMO'S TECHNIQUE

Basically Louis Armstrong's technique is nothing short of fantabulous. He moves with a wonderful facility in the highest register with a perfect control of tone and pitch. His tremendous high note power prompted the nickname "brass

lips." His improvisations are incredibly dexterous and malleable.

He plays anything from blues to barrel-house with equal ease, being equally at home in the rocking New Orleans Dixieland he grew up with and the sophisticated swing of modern nightclub America. Thousands of jazz fans around the world have laughed with him, cried with him, sympathized with him, empathized with him, made him their idol, and loved him as a symbol.

Armstrong himself puts a tag line on his life when he says, "... I love life ... I've got a whole lot of music still to play. There are lots of high notes in me that haven't been blown yet."



Roy Kral and Jackie Cain

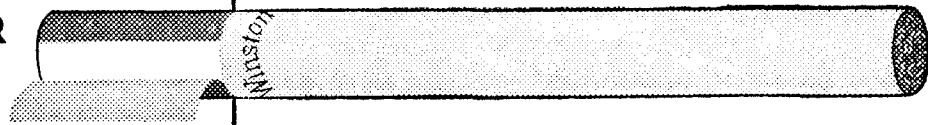
(Continued from page 1)

\$1.50, \$2.50 and \$3.25 without the discount.

Proceeds from the concert, expected to be around \$3,000 profit,

will go into the general student body fund to be used for clubs, social functions and incidentals in the new student houses and student union building.

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Jazz Beat

by Lloyd Kamins



Basie in London

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No recording can capture the fervor and excitement of the

great Basie band. This one comes closer than most.

I was fortunate enough to catch Basie in person this summer. The band played in a very small club in Milwaukee which was completely packed with 500 perspiring fans. I stood for two hours, a feat I would ordinarily never consider attempting, and being entirely consumed by the moving sounds, never noticed the discomfort.

Solid Soloists

Basie's is a blues orientated band. The harmonies and substitutions are simple and basic, the only complex chords serving as terminal punctuation. The arrangements are simple little riffs which serve as frameworks for the soloists. Oh, the soloists! Frank Wess, on tenor, would make any bank, and when he has a solid Basie base on which to blow, he just drives. But why waste space with euphemisms, all the soloists are great.

The most outstanding feature of the exciting Basie crew has not been mentioned. Joe Williams, the old blues shouter, is an absolute gas! Williams is the ideal to strive for, as far as blues singers go. He phrases as a horn does, and with his big gutty voice, he sounds as if he's blowing tenor.

This is a driving band. It swings harder than any big band of the last few decades, and has been doing so for about that long.

(Continued on page 8)

Heard From The Wings

"Visit To A Small Planet" Opens At Playhouse

by Joel Yellin

Currently on stage at the Pasadena Playhouse is Gore Vidal's "Visit to a Small Planet", starring Reginald Gardiner and also directed by him.

The pattern of the production closely follows the usual Playhouse technique. It is very similar to last spring's promotion of "Inherit the Wind", which featured a magnificent actor in Sidney Blackmer. Until Mr. Gardiner takes the stage the action is atrociously poor. Just as in "Inherit the Wind" the play moves from Gardiner to Gardiner, rather than from event to event. Curiously enough, this summer's Playhouse production of "Bus Stop" was notable for a very well-rounded cast, in contrast to the other shows mentioned.

GOOD SCRIPT

The script itself seems to have no fundamental flaws. The first act is a little weak, but the action soon picks up. Although the author seems at times to approach farcical extremes, his anti-war views are simply and directly represented.

Mr. Gardiner himself is not far short of perfect. Hal Thompson as the General is terrible in the first act but becomes adequate in his drunk scene with Gardiner. Gerald Blathner is slightly less than adequate as Roger Spelding, the T.V. news commentator. Parker Steele as the lover is not. This person may possibly be the worst actor—I use the term very loosely—ever to tread the main stage at the Playhouse. The finest supporting effort was that of Sylvia Chang III, a cat who moves

expressively in the correct places.

If you want a really enjoyable evening and feel like laughing your head off, see "Visit to a Small Planet."

* * *

As a rule, movie adaptations of Broadway plays, especially controversial ones, are never worth the price of admission. Book adaptations are similar; witness the current perversion of Norman Mailer's "The Naked and the Dead." At last, however, there is a current screenplay which seems to faithfully reproduce the author's dramatic intentions.

"Cat On a Hot Tin Roof" is to me an enigmatic play. It received the Pulitzer and New York Drama Critics' Circle awards. Many people said that it was pure slop, that it said the same old thing the same old way. The moral pressures against dramatic work of the Williams specie is tremendous. For an objective viewpoint one must go to a dramatist who thoroughly understands the problems of the modern author.

Writes Arthur Miller in the August Harper's: "Williams has

a long reach and a genuinely dramatic imagination... he possesses the restless inconsolabilities with his solutions which is inevitable in a genuine writer."

"CAT" CONTROVERSIAL

"Cat" has been criticized, of course, for its use of homo-sexuality and its frank language. (A feeling preserved for the movie also, amazingly enough.) In essence Miller says that the hero, is seeming to feel a homo-sexual relationship with his dead friend, actually tenders his resignation of status in a civilization which has proved itself (to him and also to the playgoer and to Williams) unworthy of regeneration.

The screenplay preserves this theme, using a not awkward dialogue which slightly modifies the original and a well-tailored cast containing Burl Ives, the original Broadway "Big Daddy", an amazing Liz Taylor, and a stereotyped but excellent Paul Newman. See it at the Beverly Fox.



by Henry and McClure

Having recently become enamored with the beauty of a lissome Tahitian woman (photograph of), we set out to learn more of the South Seas and products thereof. The Trader's, a fine place to go at any time, seemed doubly attractive as we hid ourselves through its paneled portals.

Two hours later women had been replaced by the drinks for which the establishment is justly famed. Among them were these more or less gentle drinks: Babalu, TuTu Rum Punch, and the Samoan Fog Cutter. Fine for women, and grand on dates. One notch higher we found a Tiki Bowl, the notorious Zombie, Tahitian Rum Punch, and the Scorpion. At the upper end of the alcoholic spectrum, to be handled with care, were the Suffering Bastard, Shark's Tooth, Navy Grog, and the Queen's Park Swizzle.

All these are based on rum, with increases in the amount of dark rum and Demara giving increased potency and fuller west Indies flavor to the latter few beverages. Each retails at \$1.50, but the value received is more than adequate. The Tiki Bowl is served crowned with a gardenia, as is the Scorpion (when ordered for a group of four or more imbibants).

Excellent appetizers, a meal in themselves, are available for reasonable prices. Recommended—crab Rangoon. The price for one of the most exotic dates you will ever have—\$7.50 up. Includes two drinks each plus appetizers.

* * *

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Singing Grandpa Enters Tech After 20 Years As Mailman

by Martin Carnoy

The New Student Camp talent show was a tremendous success. One of the main reasons was an impressive tenor voice that caused Glee Club members' eyes to shine with a new light. The voice, Frank Weber a transfer junior from P.C.C., has already been made a grandfather twice by the oldest of his five children.

Weber went to Pasadena High in his younger days and then worked in a grocery store for "many many years." Before World War II, he worked for Lockheed Aircraft on the P-38 ("That's when we made the one on a time"), but the U.S. Army gave him a new job for the war years. After peace was declared, jobs were hard to find, so Weber first entered a Baptist seminary for two years and then became a jack-of-all-trades.

Things looked bleak, but he got work with the Post Office Department as a mailman and was on that job when, two years ago, he and his wife decided that he should return to school.

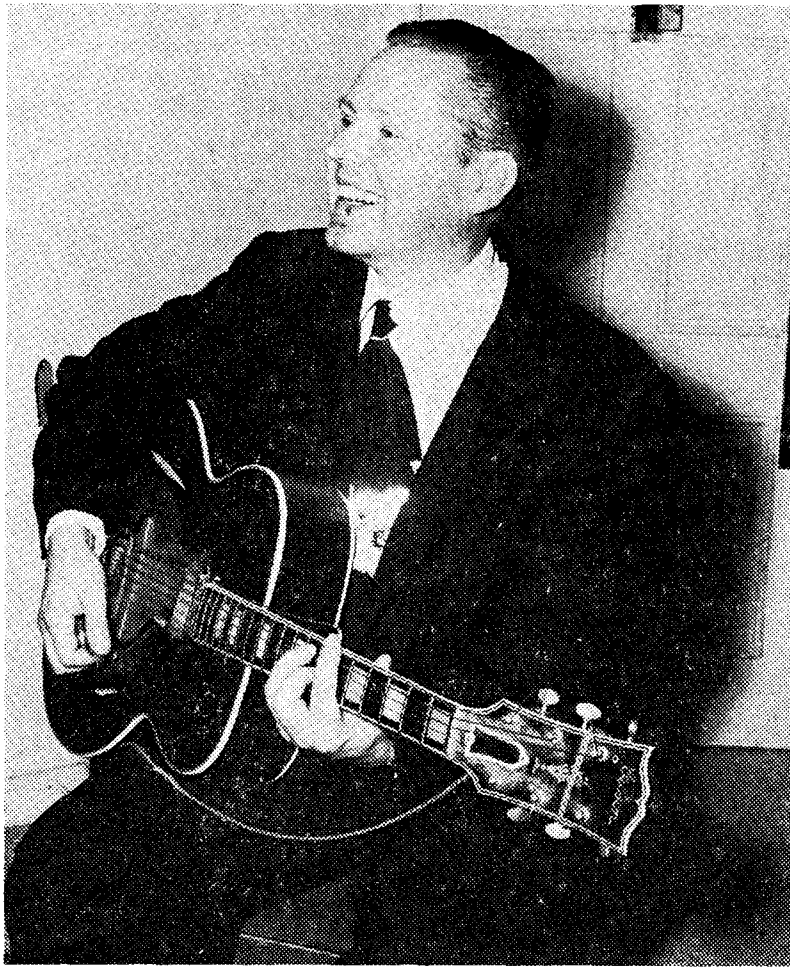
Why does a man like Frank Weber decide after so great a length of time that he wants to further his education? "It was just that anybody could do the work I was doing; in fact, the less brains you had, sometimes, the better." So Weber went to P.C.C. for two years and this year he came to Caltech as an EE major in order to do things that not "just anybody could do".

But Frank Weber can already do something special very well.

He sings. He has been singing as long as he can remember—first, as a young entertainer in bars singing popular songs and accompanying himself on the guitar, and later just for himself. And now comes the reward of it all—he's the starring attraction on the stage of the New Student Camp. He specializes in Italian and Hawaiian songs and plays both the Spanish and Hawaiian guitar.

It is hard to form any opinions about a place after only a week, but Caltech has already made impressions on Weber. He likes the informal attitude of the school and especially the feeling that "everyone wants to learn". This is in contrast with PCC where, Weber says, "It seems that most of the male students are just trying to use up their GI bill." He also feels that the work is a little harder here.

With two fruitful years at Caltech in front of him, there is a good chance that his fellow students will hear a lot more from the singing postman, Frank Weber.



Frank Weber

ASCIT Photos

Campus Brewins

Common complaint at the Frosh Tea Dance was, "What is that upperclassman doing here, I'm supposed to be meeting these girls." Then there was the girl who, when asked what her major was, replied, "Criminology." The next question, being "Why?", brought forth the original answer, "Oh, my little brother is a juvenile delinquent." Well anyway, there were all kinds there. Some people must have done well. One V. Hastroll came back, sighed, and fell asleep redoing the dance in his dreams.

Ah, yes and this week here at Caltech we have a wave of those clever deeds of daring. Those naughty Darbs sneaked over to Oxy and stole their cornerstone while at the same time those bad boys from Blacker took the kitty. The Flems made off with the Bob's Big Boy leaving a ransom note saying, "We have your son and if you want him back bring 20,000 Big Boys in small packages to..."

Then there was the famed Bogot, who spent three days in the B'field jail for doing 100 in his girl's Caddy. Oh, I'll bet her parents were impressed.

ENGLISH: highway for mules

THINKLISH: BURROFARE

ENGLISH: writing instrument for plagiarists

THINKLISH: SWIPEWRITER

ENGLISH: talking dog

THINKLISH: SPEKINGESE

PIT AND PADDOCK

by Bob Norton

This week news arrived that Stirling Moss would not be able to race at the United States Auto Club sponsored race at Riverside on October 12. The date for the Moroccan Grand Prix was moved from October 26 to October 19 recently and both the organizers of the Moroccan race and the Vanwall race team want Moss in Morocco so that he can practice for the race.

Shelby Switches Cars

However, the race should still be quite interesting. Carroll Shelby is not going to drive the 4:5 Maserati, as reported last week, but has switched to a Lister with a Maserati engine which has been bored to 5.8 liters and reputedly produces 528 brake horsepower. With the highest horsepower and probably the lowest frontal area of all the large displacement cars racing, Shelby should easily break the current top speed mark on the one mile straight of 169 mph, and in fact has a good chance of winning the race.

European Races

The United States has been very well represented in European road racing this season by Phil Hill. In sports cars, Hill won LeMans by his brilliant rain driving, but his first real drive in a Formula 1 Grand Prix Ferrari at the Grand Prix of Italy at Monza was also quite spectacular: Hiss was first off the mark and led for the first seven laps until a tread came off his tire, forcing him to make a pit stop. Hill reentered the race, made fastest lap time of the day and eventually finished third. Tony Brooks finished first in a Vanwall with Mike Hawthorne second in a Ferrari.

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Sports

Beavers To Face Redlands In Rough Test Friday Night

Water Polo, Soccer Teams Open Season

Tucker, Brown Return To Pace Emery's Men

Dave Tucker and Keith Brown from last year's starting seven will lead Caltech's water polo team, opening its season at Santa Barbara tomorrow afternoon.

The seasonal outlook is quite uncertain because five starters from last year must be replaced. Vying for the jobs will be lettermen Bob Pailthorp, Pete Rony, and Don Voet. Back from the year before are Don Wiberg, expected to start as goalie, and Don Owings.

Up from last year's freshman team are top prospects Tom Tisch, Bob Ruby, Roger Bland, John Erskine, and Milton Lindner.

Saturday at 2 p.m., the team will play the traditional Caltech alumni game in the Caltech pool and next Tuesday Tech hosts L.A. State at 4:15 p.m. in what promises to be a close and exciting match.

Practicing for the alumni group this week have been former CIT stars Bob Merrick, Clarke Rees, Brad Houser, Bill Barmore, Robert Wallquist, and Alan Haire.

Looking ahead, the varsity faces a home-and-home schedule with conference opponents Whittier, Pomona, and Occidental and also with L.A. State and Claremont-Harvey Mudd. Pomona and Oxy are rated the toughest competition.

The frosh team opens competition on Oct. 24 against Pomona, hopes being high because of a large turnout of boys.

Interhouse Schedule

SOFTBALL

- Oct. 13 Dabney vs. Ricketts
- 14 Blacker vs. Fleming
- 15 Throop vs. Dabney
- 16 Ricketts vs. Blacker
- 17 Fleming vs. Throop
- 20 Dabney vs. Blacker
- 21 Ricketts vs. Fleming
- 22 Blacker vs. Throop
- 23 Fleming vs. Dabney
- 24 Throop vs. Ricketts

CROSS COUNTRY

- Oct. 17 1½ mile distance
- 21 2 mile distance
- 24 2½ mile distance



by Robert Montgomery

A team not normally given much publicity but deserving of more is the soccer squad. Since last week, members of the Caltech team have been out faithfully practicing 'neath the icoplant and the smog, in hopes of again winning the Southern California Soccer Championship for noble CIT.

Some Stars Returning

This year's team looks strong, with many of last year's players returning to add their experience to the fresh material. Last year's all conference men, Larry Tenn and Luis Baez-Duarte, along with grads Bob Norton, Jim Weaver, and Glenn Converse, will furnish the team's solid foundation, while such experienced players as Dick Dietz, Lewis Linson, and Brant Banta will be trying to make their debut as stars.

The people who make the difference between a good team and an outstanding one are the graduate students and faculty who have had previous experience. There don't seem to be many of these men out yet, but Coach Lee Andrews has high

hopes that some of this talent will perchance read, somewhere amongst the piles of papers on their desks, of the team's need for them and come out of reclusion to help the team.

Freshmen Show Promise

The Junior Varsity is still without a coach, but with the talent in the freshman class, it looks as if they may be one of the league's strongest teams.

Many of the freshmen have already had valuable experience, but everyone who comes out is guaranteed to have a chance to play. Naturally anyone who is interested in learning to play soccer is always welcome also.

Opener Comes Saturday

There are several new teams in the league this year, and it looks as if the competition will be tough, but all the players have spirit and are anxious for the start of the first game.

This first contest will be at Santa Ana Junior College at 7:30 p.m. this Saturday, October 11. The team will need your support if it is going to remain the winningest team at Caltech, so attendance is encouraged.

Breaks Take Toll, Tech Looses 39-18

LaVerne's Leopards topped the Beavers in their season gridiron opener by a 39-18 count Saturday, capitalizing on a slow and inexperienced Tech pass defense and a handful of CIT offensive errors. However, Tech made a far stronger appearance than the score indicates.

Three pass interceptions, a fumble, and a blocked kick set up five of the six LaVerne touchdowns with two other fumbles stalling key Beaver drives. The Tech single wing attack, directed the majority of the time by Mel Holland at tailback, proved able to move the ball consistently, rolling up 12 first downs to 8 for LaVerne and tallying twice as much yardage over the ground as the Leopards.

Led by Colbert

But LaVerne, sparked by the left-handed passing of quarterback Ken Colbert, had the big long play when needed, striking for 285 aerial yards, 88 on one play, and making it look easy by repeatedly filling the CIT backfield with wide-open receivers.

The game opened as the Leopards kicked to Tech, and after a nine-yard run by Holland set

(Continued on page 8)

Regatta Schedule Begins At Newport

Caltech's Sailors open their regatta schedule Sunday at the Newport Harbor Yacht Club, competing in the Claremont Fall Invitational.

Prospects are for great improvement over last year's weak season. Top man on the basis of intra-team competition last week-end should be Doug Stewart, who won four out of five races. Tom Bowman is rated second, Nelson Byrne third, and Doug McLane fourth out of the eight-man field.

The Sailing club will offer beginning lessons starting this Saturday and plans to organize classes later in the fall. All Techmen, both the experienced and those interested in learning, are invited to talk with any of the team members.

Have Potential To Pull Upset

Caltech's gridiron forces march against powerful Redlands Friday night in the Rose Bowl to open their three-game home schedule. The Beavers, who dropped their opener 39-18 to La Verne last week, go into tomorrow's tilt as decided underdogs. Kickoff time will be 8 p.m.

The Redlands eleven has compiled a 2-1 record with victories at the expense of Cal Western and LaVerne. The only blot on the visitors' slate is a 28-14 drubbing administered by Arizona State at Flagstaff last week.

Sport Fast Backfield

Redlands' offensive assets include a set of speedy backs ca-

AS I SEE IT

All-conference guard Russ Pitzer will resume this popular column full of facts and personal commentaries on the broad subject of sports next week.

pable of circling end at any time. The visitors line up in a straight T formation with a full-back flanker for passing plays.

The Beavers have been working to remedy the porous pass defense against short passes which hurt in the LaVerne game. Leopard quarterback Ken Colbert exploited this weakness to the tune of 14 completions in 22 attempts, good for 261 yards and four touchdowns.

Linemen Tough

On the other hand the sturdy forward wall of the Beavers led by Russ Pitzer held rock-firm in yielding only 40 yards rushing. Other bright spots included the sterling performance of tailback Mel Holland. Playing for the first time at the new position, the former T formation quarterback flipped 11 completions in 18 tries good for 121 yards and also led the Tech rushing attack. Dependable Fred Newman, stellar end toted for possible all-conference, snagged seven throws and played a good defensive game.

With first game jitters behind them, the Beavers of Coach Bert La Bucherie stand a fair chance of emerging victorious tomorrow.



LEFT: Lee Hood speeds around end with Segal, 34, and Conover, 51, preparing to lead the blocking. Fumbles and pass interceptions led to the Beavers' downfall, 39-18, although basically the teams appeared even.

ABOVE: Mel Holland, Tech tailback (extreme right), hurls pass to end Herm Hartung early in the LaVerne game as Beaver attack continues to roll.

Beavers Bow

(Continued from Page 7)

up a first down on the 35, a fumble and an incomplete pass stalled the move. A very bad center pass left Newman unable to get off the fourth-down punt. Three plays later, a Colbert to Lou Hoyos pass netted 26 yards for the opening score. The kick was wide.

Turn Fumble Into Score

Hood made a nice kick-off return to the CIT 33, and Newman caught his first of seven passes, good for a first on the Beaver 48. The ensuing series failed to gain, and the punt was returned fifteen yards to the LaVerne 25. On the first play, Ed Gehle recovered a fumble on the 20 and the Beavers marched to the tie in five plays, Holland turning right end from the seven. Holland was stopped short of the goal trying for two points.

Newman lost ten yards on an exchange of punts opening the second quarter, followed by the first LaVerne pass interception on the CIT 28. The Leopards regained the lead seven plays later, Doug Teter cracking in from the one. Teter made the kick for one more.

A Quick Score

Tech took the kick-off and marched from the 27 to the LaVerne 40 and Newman's kick rolled dead on the 10. Two unsuccessful ground plays later, Colbert flipped to Leroy Brubaker who galloped all the way for the score, outrunning the Beaver secondary. The conversion was good, the score standing LaVerne 20, Caltech 6 at the half.

The Leopards opened the second half with a fifty-yard drive to the Tech 15, spear-headed by two 15-yard Colbert passes. Then Newman threw Colbert for a 12-yard loss and Pitzer chased a fumble clear back to the Beaver 48. Two plays gave a first down on the 36, whereupon Holland threw to Hood for the touchdown. Holland's pass attempt for two points was incomplete.

Another Fumble Hurts

LaVerne moved fifteen yards after taking the kick-off, but then Holland grabbed a pass on his 40 and returned to the LaVerne 9. Here, needing eight points to tie, the tide turned as the Beavers first took too much time then fumbled the ball away.

The rugged defensive line held, however, and the kick came out to the 49. Holland hit Hood and the Beavers were back to the 20. Then the tide washed all the way, as the next pass was grabbed by Leopard back Tom Branchetti, who sped 83 yards for a score. Teter's attempted kick was wide.

Key Interception

Another interception broke a 15-yard drive that opened the fourth quarter, and four passes later Colbert had moved his team 55-yards to raise their total to 32 points. A pass interference call on the CIT 13 was the big key. Brooks kicked the point.

Again the Beavers began a drive, this time getting 40 yards to the LaVerne 35, but again one big play hurt, as Holland was thrown for a 10-yard loss attempting to pass, and then a blocked punt gave the Leopards possession on the Tech 45. In three aerial plays, Colbert found Hoyos in the end zone to complete the LaVerne scoring.

Unable to move after the kick-off, John Walsh, now in at tail-back, quick-kicked to the LaVerne 40. Gustafson intercepted a pass on the next play, going 18 yards for a touchdown. Final: LaVerne 39, Caltech 18.

DOUBLED AND REDOUBLED

by Dave Singemaster

Because of lack of time at the start of classes, I have only one short but odd hand to describe this week.

S AK109653

H 4

C QJ987

D —

North (Price)

S Q

H QJ1072

C 102

D AKQ76

S J42

H AK96

C K3

D J1032

South (Myself)

S 87

H 853

C A654

D 9854

The bidding on this hand was rather odd, to say the least.

North	East	South	West
1 S	pass	pass	2 H
5 C	pass	6 C	—

East could have bid first round but muffed by saying one heart and then passing when he found out John Price had bid. South had one of the rockiest passes ever seen and West bid two hearts on the strength of East's half bid. At this point John figured that East-West had game and probably slam between them since he had 10 high card points and I had less than six.

Bids High

But since he wanted to play the hand and although he later maintained that it was simply

a shut-out bid, he jumped to five clubs—a real sacrifice bid, he thought, figuring to go down several. East passed—faster. I immediately bid six, thinking John had a real rock of some sort and if he could bid five without the Ace of trump, I could bid six and almost seven. I didn't, luckily. It was rather amazing that it was passed around undoubled.

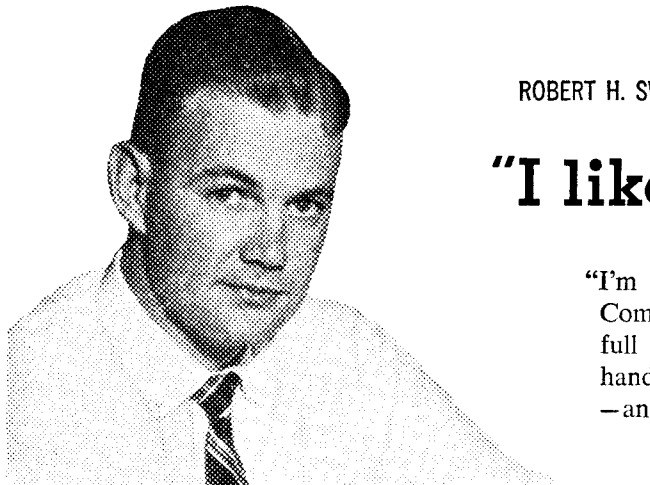
As I put down my hand, John and I quickly counted and found we had 14 high card points between us. After a fast look at East's hand, John laid down the hand for making six. The trump finesse won and Spades came home after trumping out the third round on the board. We lost only the Ace of hearts.

Jazz Beat

(Continued from page 5)

Best of Basie

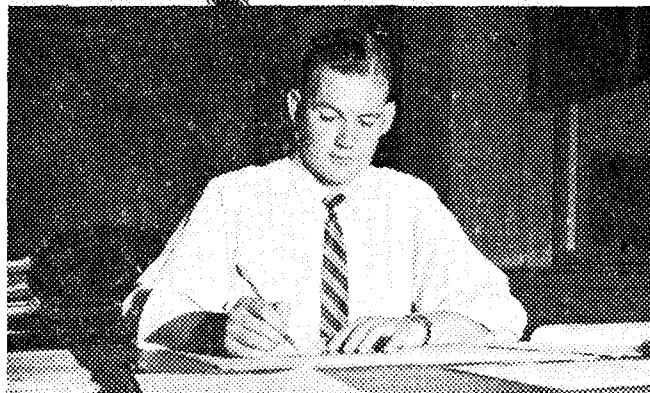
The album in question features Basie's best tunes, with three tracks of Joe Williams and many nice things by Wess. Nothing, however, can replace hearing Basie in person. It is the only way for you to feel the rhythm grasp your innards, and to become enveloped by the rolling swell of sound. If such is impossible, then I suggest this record as the best canned presentation of Basie's work. It seems to me, though, that a recent article of Downbeat said that Basie was moving West again, and would be here sometime this month. I won't miss him.



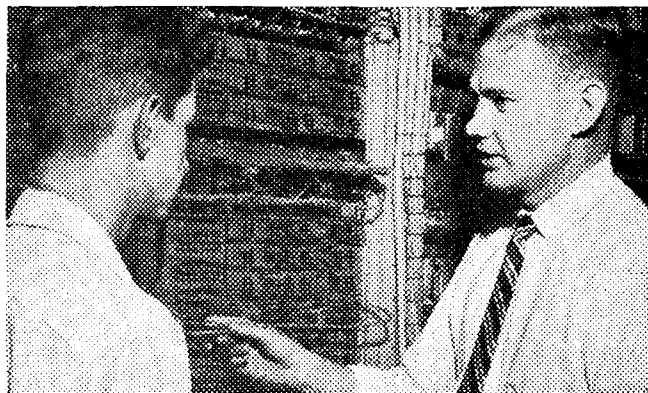
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"8:30 a.m. I'm at my desk applying a new method for overcoming interference on Pittsburgh's mobile radio channels. It involves operating inactive channels on reduced power."



"10:45 a.m. Before any modifications can be made, it's important that I check apparatus and wiring options. That's what I'm doing here at the Remote Control Terminal equipment."



"1:30 p.m. After lunch, I take a company car out to the transmitter tower site. Here I check wiring and explain our plan to one of our mobile radio maintenance men."



"3:15 p.m. I review my proposed modifications of auxiliary control circuits with Supervisor Sid Graul. Now I'll prepare work orders, and next week we'll make operational tests."



"Final phase. The operational test is made from an actual mobile radio unit. I'll make test calls and monitor the channels from various points within the Pittsburgh area."

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