The California Tech California Institute of Technology

Pasadena, California, Thursday, December 11, 1958

Volume LX.

Revival Hoax Stuns Crowd In Hollywood

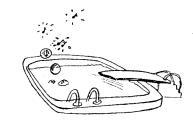
Last weekend radio stations and newspapers all over California carried news stories that began:

"Over 75 horrified onlookers watched as eight hoodlums attacked a crippled man playing Christmas Carols on a rickety piano in Hollywood last night."

Shortly after the world heard the first accounts of this incident, a student at Occidental College is reported to have said:

"Hey, you guys. There's a green piano floating in the swimming pool."

The California Tech has learned that the incidents were part of an ambitious hoax staged last Friday by a bunch of Techmen from Ricketts House.



A spokesman for the group stated. "Throop Club gave us their old piano, and we thought the hoax would be a clever way of getting rid of it. Cops didn't think so, though." He declined to give his name, saying he feared reprisals from his girl, who attends Oxy.

The hoaxters unloaded their piano, painted green from last year's Interhouse Dance, near the corner of Hollywood Blvd. and Las Palmas Ave. at about 9:40 p.m.

One of the group, feigning a crippled leg, began to pound out Christmas carols while the gathering crowd, generously salted with Techmen and their dates, sang along.

Another hoaxter ran about, shouting The Word of the Lord and leading the singing, while a third grizzed specimen handed mimeographed revival literature to passers-by and traffic-bound drivers. "We sure looked Holy, (Continued on page 3)

Carnoy Hits Big Time

Staff Shakeup Follows Expose

Marty Carnoy, pseudo-student leader, was named new California Tech Feature Editor in a recent shakeup in lower Dabney. Carnoy, '60, replaces Bill Bauer in the editor's chair, with the duty of getting a fresh angle on student life at Tech.

Already rather infamous for his half of the newly defunct "Boris and Griffen" column, Carnoy—beatnik, humorist, bon vivant-will stay on as Dabney co-social Vice President and contributor to his own section of the Tech.

Mike Milder will continue as Editor-in-Chief.

Breezy Beadle Sends Sermons

Dr. George Beadle, Nobel Prize winning Caltech biologist, who presently in Stockholm, is Sweden, to receive his award, has been carrying on correspondence with Institute personnel.

Recently some graduate students sent Beadle the following wire: "Pleased, proud, come home, bring money." Replied Beadle: "Thanks fellows. You too can win a Nobel Prize. Study diligently, Respect DNA. Don't smoke, don't drink, avoid women and politics. That's my formula.

Johnson Replaces 'Wilk' As Next Term's Veep

Pitzer, Gus **Honored** At **Sports Dinner**

Over 100 people attended the Caltech Fall Sports Banquet at the Brookside Country Club last Monday night. Highlighting the awards was the presentation of the Wheaton Football Trophy to Russ Pitzer for his contributions to sportsmanship, scholarship and good morals on the team. Dick Gustafson was named season's captain.

Marv Goux, USC frosh football coach and high school and junior college All-American, spoke informally on "Football-A Contact Sport." Bob Huttenback was Master of Ceremonies. Members of the 1928, 1938 and 1948 football teams attended the banquet.

Besides the awards to Pitzer and Gustafson, Fred Newman received his plaque for making all-conference end. Letters, numerals, and sweaters were presented to frosh and varsity members of the football, water polo and cross country teams.

Richter Tells Quake Danger

The likelihood of earthquakes damaging buildings in any part of the United States has been estimated by a Caltech earthquake authority after completing a survey in which insurance companies and engineers have expressed great interest.

Dr. Charles F. Richter, professor of seismology, emphasized this week that he has not attempted to predict when and where earthquakes will occur, but where damaging ones are most likely to occur-based on local geology, proximity to active faults and the history of tremblers in the area.

"The estimates do not represent the probability of averagesized 'quakes but the maximum shock that could be anticipated over long periods of time," Richter explained.

Dick Johnson was officially named ASCIT Vice President Wednesday night at the BOD meeting. Johnson, the only person to apply for the post, will assume official duties second term.

Jim Wilkinson, the present ASCIT Vice President, is leaving school at the end of this term. Johnson will replace Wilkinson until general student body elections at the end of second term.

Presently Johnson is both Senior Representative to the BOC and Vice President of Dabney House. While he will va-

House Dues Raised \$1.00

Student House dues will be raised \$1.00 next term as a result of action taken yesterday by the Interhouse Committee. Dues are presently \$6.00 per term.

The action came as a result of votes in the four houses. It was necessary for all four houses to approve the change.

Dabney has not yet officially approved the measure, but house members are in the process of amending their constitution.

The hike was necessary to offset increased house operating and social program expenses.

An attempt had been made earlier this term to raise the dues, but failed to get a twothirds majority in Ricketts.

Coriolan Quartet **Presents Recital**

The Coriolan String Quartet will present the school year's fourth chamber music recital January 4 at 8:15 p.m. in Dabney Lounge.

They will present the Quartet in C major, K. 465, by Mozart, Quartet, Op. 1, in C major, by Roy Travis, and Quartet in E flat major, Op. 127, by Beethoven.

cate his present office in the BOC, it is undecided whether or not he will retain his house office. According to Dabney President Dennis Kuli, there is no reason for Johnson to resign.

Number 11

Johnson's successor to the Senior Representative position will be appointed in the near future by the BOC. Anyone interested in the office should talk to a BOC member, according to Wilkinson.

The duties Johnson will assume are many and varied, the most important being his chairmanship of the BOC, which decides all policy concerning the honor system. Other responsibilities include membership on the BOD and Executive Committee.

Co-ed Confab **Next For Y**

"Can We Be One?" is the planned theme for the annual co-educational YMCA-YWCA Asilomar Conference December 27 to January 1.

The conference will feature seminars and student-led discussion groups on the problems of acheiving world brotherhood. Dr. John R. Weir, Caltech Professor of Psychology, will con-duct a seminar on "Scientific Achievements . . . Their Social Implications."

Asilomar Beach, near Monterey, is the traditional site for the conference. It is about 350 miles north of Los Angeles. Delegates from colleges in California, Arizona, Nevada and Hawaii will attend.

Interested Tech students should sign up in the Y office toda or tomorrow if they want to attend. Costs will be \$36.00 for board and room, \$14.50 for registration, and a small transportation fee. The Y will arrange transportation, and some scholarship assistance is available.



MONDAY 8-11 .M.—Ae 204, 202 Gu; AM 15, 206E; AM 115, 08, 202 G; AM 116, (Proudman)

Final Test Schedule

206E; AM 150, 310E; Bi 116,326K; Ch 144, 151 Cr; Ec 100, 101 D; EE15, 130 Ch; Ge 20, 152A; Ge 121, 253 A; PM 1, 106 Sp; Ph 1, 22G (A-E), 206 D (F-K); Ph 2, 201B; Ph 111, 155A; Ph 112, 119K.

MONDAY 1-4 P.M.-Ae 201, 202 Gu; AM 125, 101 K; AM 180, 201 E; Bi241, 234 K; Ch 21, 151 Cr; Ch 234, 8 G; En 1, 201 B; Ge 9, 354 A; Ge 108, 109M; Ge 109, 354 A; H 2, 119 K, 22G; H 5, 206 D; Hy 103,212E; Ma 108, 155A; ME 15, 206 E; Pl 101, 101 D; Ph 205, 264 B.

MONDAY 4:30 P.M.-L 50, 101 D; L 51, 101 D.

TUESDAY 8-11 A.M.-AM 1, (Bodeen) P 152 A, (Tracy) 051 A; AM 5, 206 D; AM 101, 301 E; AM 110, 08 E; Bi 114, 234 K; Ch 1, 201 B; Ch 24, 157 Cr; Ch 124, 157 Cr; Ch 125, 151 Cr; EE 102, 206 E; EE 132, 106 Sp; EE 160, 210 E; Ge 1, 155A; JP 121, 208 E; Ma 112, 130 Ch; ME 1, 300 T; Ph 107, 119 K; Ph 209, 2 2G.

151 Cr, (Miklowitz) 208 E; Ch 16, 157 Cr; Ch 41, 22G; Ch 225, 8 G; CE 10, 301F; EE 2, 101 D; EE 162, 206 E; EE 170, 106 Sp; En 7, 206 D; H 1, 201 B 155A; JP 130, 210 E; Ma 5, 101 Ch; ME 16. 08 E: Ph 129, 119 K.

TUESDAY 1-4 P.M.-Ae 101,

WEDNESDAY 8-11 A.M.-Ae 103. 202 Gu: AM 225. 206 E: Ch 13, 157 Cr; Ch 113, 157 Cr; EE 4, 206 D; EE1, 155 A; EE 103, 22 G; Gr 1, 301 T; Ge 4 ,152 A; Ge 211, 253 A; L 32, (Stern) 111 M; (Wayne) 101 D; Ma 1, 130 Ch; ME 115, 210 E; PM 105, 301 E; Ph 131, 101 K; Ph 201, 264 B. WEDNESDAY 1-4 P. M.-Ae 102, 202 G; AM 102, 210 E; Bi 106, 234 K; Ch 14, 22 G; Ch 63, 102 Sp; Ch 163, 102 Sp; EE 140, 106 Sp; Gr 1, 301 T; Ge 105, 101 K; Ge 126, 320 M; Hy 101, 301 E; Ma 1, 130 Ch; Ma 61, 101 Ch; Ph 108. 119 K; Ph 203, 264 B. THURSDAY 8-11 A.M.---Ae

107, 202 Gu; EE 180, 106 Sp; En 8, 310 D; H 15, 108 D; Pl 1, 101 D.

Richter has mapped the United States into regions showing the probable maximum intensity of earth shocks that can be expected in any region.

While California produces 80 to 90 per cent of the earthquakes in the United States, it has no. corner on the high risk areas," Richter said. "In fact California has some of the lowest risk areas in the nation."

There are some highest risk areas in California, he added. Richter also listed as high risk areas parts of northern New York State and New England, the central Mississippi Valley and a narrow north-south belt extending through parts of Montana, Idaho, Utah and Arizona.



THE GOLDEN TONES of Lex Golden's band boosted Techmen and their dates to the start of a swinging Yuletide season at the annual ASCIT Christmas dance held in Dabney Hall lounge last Saturday. About 200 toys were collected for the underprivileged children of Pasadena.

The California Tech EDITORIALS

War Of The Worlds

Every once in a while something happens to remind Techmen of the gulf in understanding between students and faculty that can exist at Caltech. Take just last week, for instance:

A faculty member introduced the opinion that Student House initiation (1) is a serious threat to the academic attitude of new freshmen and (2) represents undergraduates to the community as undignified and irresponsible, (3) therefore ought to be discontinued.

The question was kicked around by the Student-Faculty Relations Committee and it came out that a number of faculty, while not so positive in their opinions concerning initiation, were "uncomfortable" about the question.

The student members were anxious to explain that Student House initiation is carefully-planned fun designed to (1) let off steam after rotation, (2) integrate the freshmen into the Houses, and (3) acquaint them with student traditions.

The general faculty reaction was one of surprise at the apparent constructive spirit with which Caltech students approach initiation. They had no idea, they said, that the students took initiation so seriously, and the preceding discussion had been a real education for them.

The episode had been a real education for the students, too. They found out that even among the faculty members who are considered the best friends of the student community and who show a sincere interest in the students, there is a widespread ignorance of student life and institutions.

The student will probably shrug and say that this is a normal state of affairs, so why fight it? Here's why: the faculty is shortly going to take a hand in making some decisions that will have a profound effect on student life for the future. They will help revise the Student House system when the new Houses are completed in a couple of years. And when the Institute educational policies come in for their long-overdue review, the faculty will be calling the tune for the changes that will be made in the curriculum.

It's time for faculty members to find out what goes on in the student half of this little campus. They must become aware that Caltech's four years of student life form a particularly intense experience for the student, an experience that is heavily influential in shaping his attitude and personality.

Part of the faculty's job is to help the students educate themselves, and ordinarily it would be reasonable to expect faculty members to inform themselves on student life and attitudes, just so they'd know what they're working with. Now, it is fast becoming imperative that they do so.

LETTERS TO THE EDITOR

Campus Needs Psychological Counseling

Editor, The California Tech:

Dr. Abraham Maslow was virtually unknown before he arrived on campus last week. Yet from nine in the morning until one the next morning he was besieged (as few have been before) by students desiring to discuss psychology in general and their psychological problems in particular.

Why? Perhaps it was his unusual ,warm personality, or his penetrating insight into the nature of the healthy human being. But I suggest that by far the most important factor was that students were curious about themselves and how their problems could be solved. Repeatedly, he was asked whether it is possible to psychoanalyze yourself (answer: only one per cent can).

To my mind, therefore, Dr. Maslow's visit underlined the widely felt need for a more adequate counseling program at Caltech. It seemed obvious to Dr. Maslow as to many students, that emotional disturbances account for a very large percentage of the one-third of each freshman class which never graduates. With one of the nation's most rigorous screening processes one might expect, as we have often been told, that nearly everyone has the intelligence to complete his course of study here.

Dr. Maslow himself made another point in this regard. People have been found to be more creative, he said, when they have a better understanding of themselves. This suggests that even "normal" students would benefit from psychological and emotional counseling, as, Dr. Maslow reported, is now taking place at Brandeis University. In fact, he stated that evidence now indicates that Caltech would make better use of the money and student time at its disposal for the purpose of educating more highly creative graduates if it instituted a counseling program for both psychologically "normal" and "abnormal" students.

Therefore, if the purpose of the Institute is to educate its students, it seems to follow that it would do a better job of this if it:

(1) Made available adequate professional psychiatric services to meet the needs of the emotionally unstable students and more adequately publicized them (when available).

(2) Institute a program to enable "normal" students to understand themselves better, probably through individual or possibly group psychoanalysis.

In addition, there is an apparent need for:

(3) Vocational guidance, especially for those students considering the possibility of leaving the physical sciences.

(4) Readily accessible "small problem" counseling by a professional counselor to keep minor problems minor, or, if they turned out to be manifestations of deeper psychological problems, then to refer them to the professional psychiatrist.

At the present time the sum total of such counseling available on this campus is the six hours which a local psychiatrist spends at the Health Center

(Continued on page 4)



Ever meet a pessimist?

The Student-Faculty Relations Committee, and Dr. Robert Huttenback's proposed system of faculty associates for the Student Houses are small steps in the right direction.

But what is needed is that enough faculty members learn in detail about student life. If the faculty continues to seem disinclined to do so, then it is up to the students to do all they can to bring a picture of student life to the faculty.

The problem is worth ExComm's time to set up a student committee for just this purpose. If the problem is ignored, then the next time the faculty makes a decision affecting the students, the students will have to content themselves with the fact that the decision was made with good intentions and bad information.



EDITOR: Mike Milder EDITORIAL BOARD: Marty Carnoy, Cleve Moler, John Todoroff, Howard Weisberg. STAFF Pete Bickel, Carl Gottschall, Gerhard Klose, Bob Koh, Sid Leibovich, Steve Langley, Roger Noll, Arny Perey, Stan Sajdera, Lance Taylor, Joel Tenebaum. BUSINESS MANAGER: Howard Weisberg

Circulation: Neil Sheeley Entered as second-class matter November 22, 1947, at the Post Office in Pasadena, California, under the act of March 3, 1879. He sees the world through dark glasses. He just knows that he'll wind up in a job he doesn't like, that he'll be underpaid, that he'll get lost in the crowd. But realistic men know these things depend largely on their own decision in choosing a career.

Realistic men look for companies that provide sound training, advancement opportunities, challenging work, stimulating associates and good pay. These are the fundamentals that insure success and progress in a career.

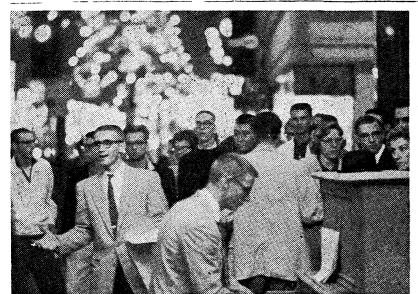
The Bell Telephone Companies offer these fundamentals to hard-working, ambitious realists majoring in the arts, the sciences, business or engineering. Get the whole story regarding telephone careers. Talk with the Bell interviewer when he visits your campus. Ask him about training, advancement opportunities, salary, job security. We think you'll like what you learn.

You can also get information about telephone careers by reading the Bell Telephone booklet on file in your Placement Office.



BELL TELEPHONE COMPANIES

Page Three



Photos by Andelin

STREET SCENE: Caltech's "evangelists" were leading a quiet revival meeting on Hollywood Blvd. Friday night. . .

Hoax Stuns Hollywood Crowd

(Continued from page 1) boy," one of the pair chimed. "We adapted parts of the Muslim Koran for our literature."

All of a sudden, the spokesman continues, eight Caltech students dressed up like Hollywood-type hoods elbowed into the crowd and attacked the "evangelists." The piano player was knocked to the ground, groaning and holding his leg. The leaflets were scattered among the spectators and the piano lay splintered on the ground.

One evangelist played his part to the last, seated tearfully on the defunct piano, passing out the few remaining crumpled Words of God.

The police finally arrived, at 11:15. Nine of them, in three squad cars and a few motorcycles. They seemed pretty confused, according to one informant, who quoted some of their conversation:

"Should I fire my gun in the air? What should we do?"

"This is Jack's beat. Let's ask him."

One officer summed up the situation: "Looks like a major 415 to me."

"What's a 415, cop?" one of the spectators asked.

"Disturbing the peace." "Oh."

The spakesman went on to de-

scribe how the piano ended up in Occidental's swimming pool. "There we were on Hollywood Blvd. with this broken-up piano on our hands. Someone was bound to think of dumping it in Oxy's pool. It was practically preordained."



by Lloyd Kamins

Somethin' Else

Blue Note 1959 featuring: Julian "Cannonball" Alderly, alto; Miles Davis, trumpet; Hank Jones, piano; Sam Jones, bass; Art Blakely, drums.

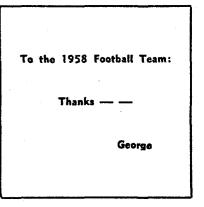
First of all, as one may surmise, Miles completely steals the spotlight. It isn't that the remainder af the group is bad; on the contrary, they are excellent. It is simply that Miles is in top form and connat be touched.

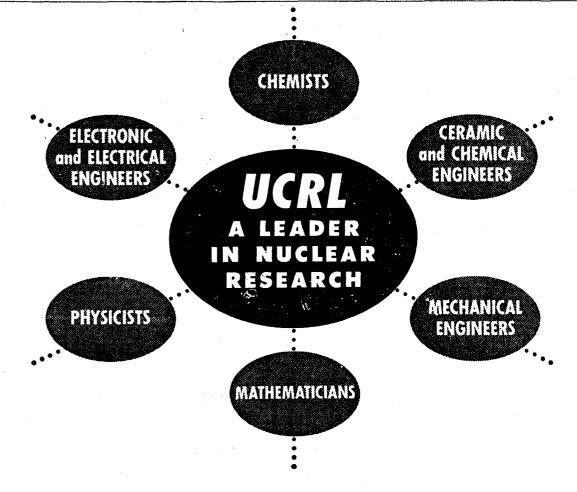
The mood of the entire album is dictated by Miles' prevailing mood—that of melancholy. No matter what the different songs start out like they always end up as exquisitely tender reminiscences in the language of blues. Perhaps the best example of this is the track which I consider the best, One For Dady-O. The theme is funky, and the first solo, that of Cannonball is consistant. After four bars of Miles, however, the mood is ethereal. Somewhere in the night, the sound of a lonely horn is heard over a large stretch of water, and so on.

Cannonball is interesting. This is the first I've heard of him since he joined the Davis sextet, and I was struck by the change in his style. Originally, Cannonball was simple, direct, and very, very funky. He specialized in blues, and other songs tended to come out bluesey. Care. Perhaps he had no individuality, no depth and no variety, but I liked him very much.

Now Cannonball's blowing is extremely complex, showing the influence, it may be, of Coltrane, who is now Cannonball's sideman. Adderly's tone is still brilliant as ever, and the sound is above reproach. Moreover, the solid foundation of blues is still in evidence even though it is pushed further back. Essentially, the embellishments have become more intricate. More notes, and different notes and intervals are used, resulting in a completely different effect.

The entire album is excellently done. The rhythm section is superb. All the tracks contain good solos and are characterized by some interplay between Miles and Cannonball. My favorites are the aforementioned **Daddy-O** and **Autumn** Leaves, which has the most beautiful introduction I've ever heard.



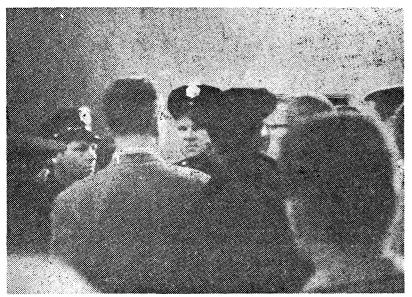


DECEMBER 12, 1958

a UCRL staff member will be on campus to answer your questions about employment opportunities at the Laboratory.



... when a gang of toughs violently broke up the scene...



... But the Law arrived and quickly restored order.

We Guarantee Excellence

Carl's Caltech Barbers

The Difference Between Mediocrity and Excellence is Only 25c

> CALIFORNIA AT LAKE JUST OFF THE CAMPUS

Our scientists and engineers, with outstanding achievements in the field of nuclear research, are currently at work on diversified projects such as:

- Nuclear devices
- Basic particle physics
- Nuclear powered ramjet propulsion systems
- Controlled thermonuclear reactions (now unclassified)
- Engineering and scientific application of nuclear explosives to mining, excavations, and power

The finest facilities, and encouragement to exercise creative thinking and imagination, are offered qualified graduates interested in research careers.

Call your placement office for an appointment.



UNIVERSITY OF CALIFORNIA EADIATION LABORATORY Berkeley and Livermore, California



Summer Place, by Sloan Wilson (Simon and Schuster, \$4.50) is an almost farcical construction of the sex life of two generations of fight-to-the-top American quasi-aristocracy. Wilson, author of the best-selling "Man in the Grey Flannel Suit," is interestingly erratic in his exposition, and usually wonderfully lifelike in his description of people and emotions. This eccentricity is due, I suppose, to the eternal pressure of finances.

Page Four

The novel concerns two people, a man and a woman, both with rather stereotyped psychological difficulties. In his treatment of these difficulties the author becomes the mediocre neo-Dostoyevskyite of the twentieth century. At least Faulkner is obtuse, Jones is direct, and Hemingway is good. Wilson introduces his psychological revue in the style of the standard text. Repressions, projections, and hostilities are all cleverly intruded (?) into the comments of the characters, usually as the last line in a paragraph.

Hero Inarticulate Achilles

Ken Jorgensen, the hero, in a classical sense too, enters the story as a young Achilles who works as a life-guard during the summer and spends the leftover time going to Harvard. Except for economics and French poetry he is completely inarticulate-especially with women namely the heroine, Sylvia.

Where Ken is the poor, oppressed member of the intelligentsia, Sylvia has definite problems. Wilson tells us her family moves upward on the social scale, never giving her a chance to make lasting friend-. ships, first teaching her to be a poverty-stricken street urchin and then to be a princess. Naturally she has a wonderful figure and an amazingly beautiful face.

Also ,perhaps naturally, she first marries out of a seeming dislike for Ken. Of course, he has semi-raped her in advance (i.e., she struggles first and then enjoys herself). She rejects him because she feels he has somehow misrepresented himself to her, that he is beneath her. The man she married turns out to be a rich drunkard, given to doing nothing except making up reasons for never getting a job. - B

The interesting thing about all this is that Wilson is consistent in all his psychological ideas. Ken, rejected, proceeds to marry the worst prude he can find. Naturally, once again, everyone is unhappy. Sylvia because she can't be satisfied with a man who loves his bottle more than his family and Ken because his wife never becomes disattached from his mother-inlaw.

In the meantime both couples have children and we begin to see just where Wilson is going. Ken's daughter, Molly, is a prototype of Sylvia while Sylvia's son John corresponds to Ken. Ken and Sylvia had their first love encounter at the beach during a moonlight gathering of unclothed bodies. John and Molly write letters to each other for ten years before finding themselves alone on a beach.

Confusion Reigns

Simultaneously with this auspicious event Ken and Sylvia are busily trying to get divorces so they can get married; (we think) they are in love. But all is not lost.

When the children, not yet beachly met, learn of the proected plans, they become hostile, and this gives Wilson the chance to introduce all maner of psycopaths. John's roommate, for instance, takes an old rusty revolver of his father's, complete with one bullet, to bed with him every night.

Not only is Wilson psychologically up, mut he is beat besides. As per expectations the happy group has a tearful reunion, but not before John makes Molly pregnant. (No one dies; this is a loss). The book is great, (in a Proofrockian sense) read it.

Campus Brewins

Blotter Beeboes

Slam Blotter boy buffalo, calls new female prospect to arrange date for near future. During conversation, subject arises of fire in Catholic school where many burn. Quoth Blotter, with great finesse: "Well, it's a good way to kill off a lot of Catholics!" Pause . . . punctuated by sharp click. Hmmm, thinks Blotter, must have been disconnected. Time to call back. Rinnng! "Hello! This is Slam Blotter . . . " Pause . . . click. Dial dial dial . . . rinnng . . . "But . . . " Click! At this point, Blotter decides next time better part of valor would be to make sure brain is engaged before putting mouth in gear.

Carnal Cintches

Amiin And The Arts Boom Hits Big

New York Nov. 17, 1958

My trip to New York was more than fine, being highlighted by interesting philosophical discussions with the stewardess and some Polish Communists. I had already decided what to do when I left: forget my troubles by drinking and writing, and maybe, with a little luck, the Army wouldn't be able to find me or would list me as dead.

It was the only way. I didn't want to study. For what?? To go to graduate school and then grind my way to oblivion in some tremendous company, lost among the desks and computers?

No, man, I didn't see it. So now I'm living as everybody should: purposelessly and reveling in every second of the gorgeous, unscientific world around me. The subways, Washington Square, Battery Park, Fifth Avenue, White Horse Tavern on Hudson Street-they're all mine, and I don't have to work to have them. Society owes me a hell of a debt and I'm going to collect.

Boom Meets Beatnik

I went to a party the other night down in the Village (Greenwich) where I met a beat, angry young man from San Francisco. It was difficult to hear over the din of a battery of six binaural speakers and to see through the dense cloud of smoke, but I understood most of the cohversation. As he talked to me, he was hungrily gazing at a blond behind me

or for

who was mixing a drink. She was my date.

"Like, man, I mean I'm here, and I'm going to sail, sail, sail forever, and I wanta know, man, cause I'm coming, coming back . . . Man," he went on, "What goes on with your days? I mean, like how do you eat?"

I explained that I had recently quit school because of a authorities. That is, the relative basic disagreement with the importance of grades to a wellrounded student in today's complicated. standard-preoccupied

Lance Bloom, '60, will be femembered as the Techman who seemed to find joy in everything, and profit from nothing. He definitely was not the clear, level-headed thinker that leaves his mark here at Caltech, but he had a good time, and so went the way of all flesh.

"Boom" is studying people on a Reinstatement Committee Fellowship to New York this year. He thought you'd all like to hear how he is making out.

world. The authorities, stuck to the ridiculous assumption that, the world does not play favorites.

"Man that's the worst," my angry young friend commiserated.

Boom Cools Village

I nodded in agreement and continued. I was now living in a small Village apartment, belonging to the little blond (whose name is, strangely enough, Tizzy Mamorsky), and

creating the great American tragic novel, Thomas Wolfe style, at night. "I light his cigarettes," Tizzy added demurely. Then I try to sleep days, I concluded, smiling pseudo-collegiately at the picture of depression that sat before me.

"But, man," my friend asked, "how about the bucks, the dough, the sheckels, the francs?"

"Rich father," blond friend interrupted succinctly, leaving depressed one open mouthed.

Boom Philosophizes

I went on to further confuse him by claiming that although this was the worst of all possible words, I had to admit that I was presently enjoying myself. "Yeah, but man," he cried desperately, "what's with Eugene O'Neill and Thomas Wolfe and Kenneth Roxberry?"

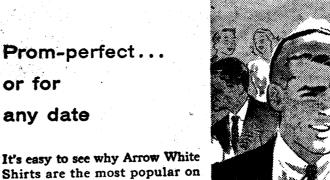
Cranks, I told him, passing them off as if they hadn't existed.

"But, man, Camus and Sartre and Bertrand Russell?"

False philosophers are quite common these days, I answered. I refer you to Donald Crump, I added, using a name that I was sure he wouldn't know, simply because he couldn't possibly exist (Crump??). I took Tizzy Mamorsky by the hand and left the broken young man from San Francisco to drink himself into a stupor.

I often reflect about the life that I have here and wonder if maybe I should have stuck it out in Pasadena. I often wonder, but not too much.

As ever, gloriously alive, Boom



Shirts are the most popular on campus. Authentic in every style detail, they're the best-fitting shirts in circulation today.

Our exclusive Mitoga[®]-tailoring makes them that way from collar to cuff to waist. "Sanforized" fabrics keep their fit and the wildest bop won't pop their anchored buttons. \$4.00 up.



(Continued from page 2)

each week. However, one reliable estimate places current needs for psychiatric counseling for "normal" students at more than 120 man-hours per week. In addition, one full-time man is needed for vocational and small problem counseling. I believe that such a program as I have outlined here falls directly within the responsibility of the Institute. The known techniques for educating creative engineers and scientists now include psychiatric and psychological counseling. The Institute's program should also include them. Besides this there is an all too obvious need to correct the emotional problems which often accompany high intelligence in general and Caltech students in particular. ALAN CARLIN

M. Carnal sitting on throne in solemn bliss peers into sparkling waters below. Behold! What should he see peering back out of his reflection but large round worm! Hungry?

Flash!

D. Mucker and Master Bate, well metabrogilized, totter into bar near closing time. "Straight shots only," says bartender. "Set 'em up!" garbles Master. Suddenly MBate turns from normal healthy purple to bilious green. Fwoosh! . . . Master sets drinks back on bar. After quick handkerchief work Mucker toddles out, joined after short pause by much reflushed Master. Both wander off into night, surrounded by heavy fog.

Water-babies' Lament K. Frown moans at mores chancret, "Now that Coach Emerold has gone and got himself married, we can't have fun with him anymore!" Aww.

shuckth, fellath.

Cluett, Peabody & Co., Inc.



first in fashion







*Du Pont polyester fiber



Open Monday Eves. Phone SY 3-5202

THE CALIFORNIA TECH



Wiberg, Tucker Star Among Inexperience

by the Sports Staff Coach Web Emery's varsity water polo men posted a threewin, ten-loss record for the '58 season, featuring two outstanding stars but a preponderance of inexperience.

Goalie Don Wiberg was a clear selection on the coaches all-conference first team. Wiberg played all 374 minutes of the Beaver's schedule, allowing 92 opposing goals out of 355 shots for a .742 saving percentage.

Lots of Work

Because of the team's weak attacking punch, he was faced with the ball in the CIT end of the pool a majority of the time this season, but Wiberg's fast reflexes rose to many an impossible situation.

Also outstanding in a losing cause was a veteran guard Dave Tucker. Besides doing a yeoman job sticking with the tricky shooters of the Hill-Barnett class, Tucker got around enough to lead the Beavers in scoring with a .294 shot average making ten of 34 attempts.

Need New Goalie

Tucker and sophomore guard Tom Tisch very promising in his first varsity competition, will be back with additional experience next year, along with Don Voet and Bob Ruby. All have seen action over three-fourths of the year's playing time and should form a strong nucleus for an improved record next fall. Chief problem will be replacement of Wiberg, and it is hoped that the successful frosh team will furnish a lot of help.

Also leaving the varsity through graduation will be captain Keith Brown and center-forward Bob Pailthorpe.

SUMMARY			
Confere	nce S	standing	gs
		W.	L.
Pomona		6	0
Occiental		4	2
Whittier		2	4
Caltech		0	6
Offense			
	Att.	Pts.	Pct.
Tucker	34	10	.294
Kane	27	6	.222
Pailthorpe	68	10	.147
Team	244	46	.134
Frosh:			
Russell	23	7	.305
Cantrell		13	.255
All-conference team:			
First string			
Forward—Larry Hill (P)			
		Barnett	
		Lawton	
Guard—	Crane	Charte	ers (P)
		White (
Tim Kahn (O)			
Goalie—DON WIBERG (C)			
Second Team			
Forward—Arnie Luters (0)			
		Carr ((
		lliams(
Guard—	DAVI	D TUC	
			(C)
		nt Judo	
		Iarper	
Goalie— A	Al Gai	rson (C))

more discouraging than it should because it followed the brilliant record posted last year by the most recent championship team at Caltech.

Nearly every game of this season was a close, thrilling one, with the Beavers just lacking that extra something needed to win. At one point of the season they tied three games in a row at the end of regulation time. By conference rules the games may end in ties, but custom decrees that, both teams willing, an overtime period be played.

Lose In Overtime

In all three cases the spirited team members decided to "put the goods on the line" and go for the win rather than a tie. We dropped two games in the ensuing overtimes and the third was finally declared a tie since neither team could break the tie.

Injuries also plagued the team throughout the season, with Gary Hachtel, Louis Biaz, Ron Forbess, and Lew Linson, all stalwarts of the team, being forced to miss games.

Freak Injuries

The ironic fact is that several of the injuries were not incurred in soccer but rather in everyday occurrences.

• Cross Country

Prospects for next season look promising with the best frosh team in years coming up. The frosh unbeaten in five regular season meets have whipped PCC and Pomona varsity also in the competition this year.

Spearheaded by Dick Tuft, who set new two and two-anda-half mile records over the TP course, the frosh also include Bob Juola a consistent high placer, and Al Whittlesey, Art McGarr, and Bob Ross.

The varsity squad for next season will have Wes Shanks, captain of this year's squad, and Dave Loebaka returning for future service.

Sailors Predict

Darbs Edge Throop 6-5

Dabney added still another to a string of successful Discobolus defenses Monday by edging Throop in softball 6-5, coming from behind with a lastinning really.

The challengers led all the way, Buzz Merrill breaking a scoreless tie in the top of the second with a bases-empty homer. The Darbs came right back with the tying run, a great throw from right cutting down another at the plate.

Going into the last of the sixth, however, Throop had moved ahead by a 5-1 count behind freshman pitcher Ken Marcroft. The Darbs fought back with 3 runs in the sixth and two more in the seventh, Terry Taggen driving in John Bard with the winning run.

John Lohman was the winning pitcher for Dabney. A triple by Dennis Kuli was the Darbs' biggest hit.

Swimming

Paced by junior Doug McLane, Fleming dominated the swimming trials Tuesday and retains its favored role in the interhouse finals this afternoon. Dabney, currently leading the trophy race, appears a strong second.

The Flems placed three swimmers in the final field of eight in the 50-yard free style, as their

Ken Muraoka won in :26.9. Dabney also qualified three, led by Ollie Seeley in second at :27.6: Ricketts placed one and Kane of Throop beat Krueger of Blacker in a swim-off for the last berth.

In the 100 yard free style, Mc-Lane won in one minute even, almost three seconds better than Dave Mitchell of Dabney. Throop qualified three, Fleming and Dabney two each, and Blacker one.

Doug Dunham of Throop swept the 50-yard backstroke in :33.7. Dan Fahnline posted second time of :34.9 for Blacker. Fleming took third through fifth.

AC SPARK PLUG, THE ELECTRONICS DIVISION OF GENERAL MOTORS, has

IMMEDIATE openings for permanent positions in MILWAUKEE and FLINT for engineers and designers on Thor-Mace-Regulus missiles and other advanced projects. If you have a BS, MS or Ph.D. degree in EE, Physics, Math, or ME, you may qualify for one of the positions listed below.

You can exploit your talents to the fullest degree at AC. For every AC engineer has access to the finest equipment . . . at all AC facilities.

AC and GM gladly assist your career progress through financial assistance for graduate study at first class engineering schools in nearby locations. In addition, you will have the opportunity to take exclusive on-the-job course work on the advanced state of the art.

DIGITAL COMPUTER ENGINEERS—Logic design of special purpose computers ...

Pulse Circuit Design . . . Airborne Digital Computers . . . Memory Design . . . Analog-to-digital and digital-to-analog conversion. **Milwaukee**

TRANSISTOR APPLICATION ENGINEERS —Applied development in the field of transistor circuitry. **Flint and Milwaukee**

GYRO ENGINEERS—Work on floated, integrating gyroscopes and gyro-accelerometers for inertial guidance systems for missiles. Milwaukee

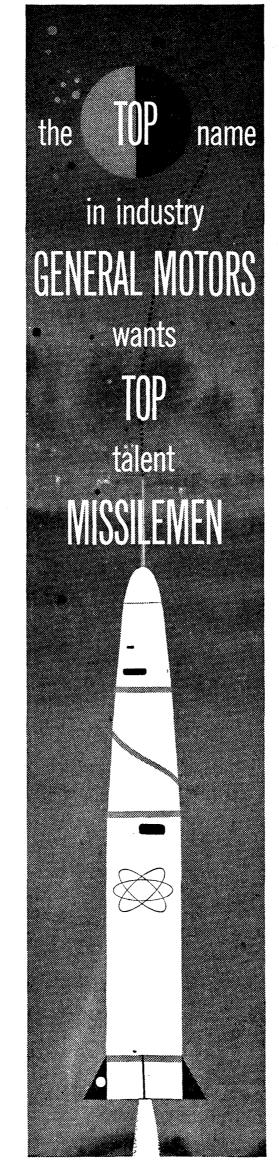
INFRA-RED DEVELOPMENT—Development of the theoretical concepts that will advance the state of the art of infra-red system applications. **Flint**

SYSTEMS ENGINEERS—Systems design, analysis and instrumentation of inertial guidance. Milwaukee

OPTICS—The development of optics and optical instrumentation. A general knowledge of military optical systems and commonly used optical and mechanical components is required. **Flint**

PRODUCT DESIGN ENGINEERS—Design, development and test of electronic components, servos and circuits. **Flint and Milwaukee**

TEST ENGINEERS—Design and development of production test equipment . . . environmental test instrumentation and data reduction . . . ground support equipment. **Flint and**



• Soccer

The 1958 varsity soccer team had a fair season which seemed

Strong Showing In Coastal Meet

With exceptionally high optimism, the Beaver sailing team will enter two days of extensive practice following finals in hopes of placing near the top of the 13-team field of the Pacific coast championships Dec. 20 and 21. The meet will be at Newport Harbor.

Defending champion Occidental will head the field, competing for two berths representing the western area in the National championships in Rhode Island next June. Other strong entries, two skippers and two crews each, are expected from Stanford, U of California, and U of Washington.

Doug Stewart is Tech's top hope to improve on last fall's seventh place finish. Either Doug McLane or Tom Bowman will be the other Beaver skipper.

Milwaukee

FIELD ENGINEERS FOR FOREIGN AND DOMESTIC ASSIGNMENTS—Electronics technicians or recent technical graduates may qualify for top training on inertial guidance, bombing navigational systems, gyro computers, etc.

TECHNICAL WRITERS—Electro-mechanical or electronic writing experience. Must be able to work with engineers in the writing of service manuals. **Flint and Milwaukee**

> SEE YOUR PLACEMENT OFFICER TO SCHEDULE GENERAL MOTORS INTERVIEW

JAN. 13, 1959



Spark Plug the Electronics Division of General Motors Milwaukee 1, Wisconsin Flint 2, Michigan

LA State, UCR Overpower Cagers

L. A. State hosted the Caltech cagers Friday night and proved poor hosts by easily defeating the Beavers 78 to 40.

L. A. State's coach, renowned for his innovations and experiments in the game of basketball, gave the Techmen evidence of his odd techniques by putting ten pound weight belts on his players early in the game. The L. A. State players carried their extra burdens until Len Maley became involved in a scramble for the ball with two of them and hurt his head on one of the belts.

Caltech substituted their first two units freely, reflecting the fact that starting berths are still not finally decided. Bill McClure showed a lot of improvement over last year, especially in rebounding.

The next evening, Tech lost to UC Riverside 70-52. The first half found the Beavers missing most of their shots and letting Riverside's fast break score repeatedly.

The second half was more encouraging for the local partisans. The Beavers seemingly warmed up and started to improve on their shooting percentages. Tech also managed to successfully stop UC Riverside's fast break in this half, and at times they pulled up to within a respectable distance.

The Caltech frosh won both of their contests by identical margins, defeating L.A. Trade 60-56 and UC Riverside's frosh 57-53. Clough was high scorer for the little Beavers with 21 points against L.A. Trade, and 16 against UCR. Gerber tallied 20 points in the UCR game, and Noll cleared the boards effectively in both games.

OxyCaptures Harrier Title

Once again, defending titlist Occidental easily copped the ALL-SCIAC varsity cross-country meet at Whittier last Saturday with the Techmen placing in fourth position.

Bill Peck of Oxy, being boomed for regional honors by the Tigers, breezed in far ahead of the pack to lead his teammates to a 32-point bulge over secondplace Whittier. Oxy placed three runners in the top five with Whittier and Redlands each placing one.

The frosh, undefeated in five previous meets, finished second behind the Oxy frosh with 47 points.

Injuries and sickness played



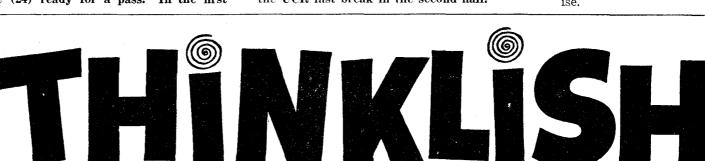
The Beaver cagers take to the offense, with Larry Shampine (28) moving the ball and Dave Blakemore (24) ready for a pass. In the first home game of the season, the Tech five lost to UC Riverside 70-52. CIT managed to contain the UCR fast break in the second half.

Soccer Men Host UCLA Tomorrow

Friday afternoon at 3 p.m. the varsity soccer team plays U.C.L.A. in the final game of the season. The U.C.L.A. contingent, called the colorful U.N. on cleats, will be out to repeat their former victory over the Beavers.

Caltech, however, hopes to be near their full strength, with most of the players who have been ill or injured at inopportune times throughout the season ready to play and stage an upset. Since U.C.L.A.'s team is probably the best in the area, the team will undoubtedly need and appreciate all the moral support the student bodycan muster.

Last Saturday Pomona upset Caltech's kickers 2-1. Ian Jones, a late addition to the Tech team, scored the only Beaver goal. Brent Banta was outstanding at goalie and freshman Dick Chang showed great promise.



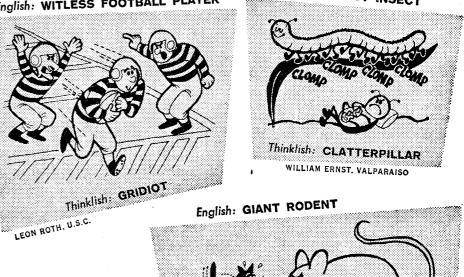


Thinklish translation: In three-ring circles, this fellow's known as "Mr. Funnyman" (largely because his name is Horace P. Funnyman). When he does his smoke-ring act, the tent's in stitches. Naturally, this world-famous puffoon chooses Lucky Strike. "I like the honest taste," he says. A canvass (or tent poll) of the Big Top shows that this is no freak sentiment.

English: WITLESS FOOTBALL PLAYER

English: NOISY INSECT





havoc with the little Beavers who were rated as strong contenders for the crown. Captain Dick Tuft crossed the line in fifth place with Bob Juola in the seventh slot.

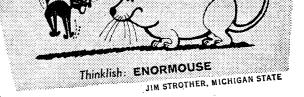
Drugs Sundries Cosmetics Tobaccos CALIFORNIA REXALL PHARMACY 555 S. Lake SY 2-3156 Breakfast Lunch Dinner

Welcome to

THE CAMPUS BARBER SHOP (In the Old Dorm)

ALL HAIRCUTS \$1.50

Two Barbers to Serve You



SPEAK THINKLISH! MAKE \$25

Just put two words together to form a new one. Thinklish is so easy you'll think of dozens of new words in seconds! We'll pay \$25 each for the hundreds of Thinklish words judged best-and we'll feature many in our college ads. Send your Thinklish words (with English translations) to Lucky Strike, Box 67A, Mt. Vernon, N. Y. Enclose your name, address, college or university and class.

Get the honest taste of a LUCKY STRIKE

Product of The American Tobacco Company -" Tobacco is our middle name