



# The California Tech

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## CALIFORNIA INSTITUTE OF TECHNOLOGY

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Len Herzog, Editor

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## EPHEMERAE

For the benefit of Frosh and other new subscribers, a little orientation . . . This is the column in the California Tech where the editor has his say . . . Topics, well, "we" reserve the right to sound off on just about anything, so don't let any sudden jumps surprise you . . .

### Today's Election

Upon the outcome of today's election rests, in large measure, the ASCIT social schedule for the year, already in an embryonic stage. For this reason, if no other, every ASCIT member—that is, all those who have paid their dues for the term—should be more than passingly interested in the outcome.

Study the statements of the three candidates in the adjoining column; decide on your choice; then vote. Polling places and times are given on Page One.

### Bigger?

Some of our clients have questioned the statement in last week's TECH to the effect that it was a "bigger, better paper" . . . on the latter count, a few more issues will tell . . . but on the issue of size, we've got the figures: Last year's four-page, five-column sheet held 320 column inches; the six pages had 480 inches. The new, six-column by 19-inch paper has 456 inches for four pages—almost as many as last year's six-pager. When we put out six pages of the new size, their 684 inches means 8½ pages of the old size . . .

So the TECH really is bigger.

### Coffin Corner

We got a chuckle out of that Whittier paper article (see Page 5) and their poor, underdog Poets . . . with Oxy, Pomona and Redlands all openly claiming their best evelens in history, Whittier was only made favorite to take the conference championship . . . you know where that left us!

That coffin corner kick of Glen Chaffee's, by the way, was a thing of real beauty, as are most of Glenn's boots. One could only wish that his ends would get down under 'em just a little quicker and prevent those long returns that nullify the best punts, although each game so far has shown a marked improvement in this department.

### Gals and Old Grads

How about those song leaders of ours? Really add something, don't they . . . Maybe they're a partial explanation of the somewhat surprising phenomenon of the beginning of real school spirit exhibited by the troops of late, which so mystifies "old grad" Etain Shrdlu in his letter to the editor (see "Squares' Circle" . . .)

We also wish to assure Old Grad Max Panzer (same column) that necessary steps will be taken to see that "it doesn't happen again" . . . even if it means missing an afternoon at the beach. We hope the Walrus and the Carpenter got off to a creditable start in spite of the combined obstacle course of editor, copy reader, proof reader, linotype operator and printer . . .

### Your Space

Just a reminder: That Squares' Circle column is your space. If you feel an urge to sound off on anything you might as well have a sizeable audience—and that's what the Squares' Circle pro-

# Campus Brewin's

It has been increasingly difficult to write this miserable column lately due to the sad lack of social activities on this campus. Some students have been driven to actually hitting the books while others with a little more imagination have conducted their social life off campus and hence, more undercover. My back aches from peeking through keyholes and looking under tables. It has been suggested that the pulchritude level of Techmen's dates has fallen so low that they are ashamed to bring them around, but the IHC's ruling against social events during rotation on the grounds of proselytizing, is a possible cause.

After the Whittier game there was an open house in each of the houses. The football players, mostly dateless, were around munching cookies. Part of our girl cheer leaders were present. Most of the couples enshrouded in darkness, were rolling around on couches in front of the fireplaces.

Last Saturday night I made the

## THE SQUARES' CIRCLE

### DACHSHUND

Dear Editor:

A friend of mine, who happens to be a Dachshund, was sitting under a certain Student House desk the other night and listening to a Walrus and a Carpenter sweating out the construction of what sounded to him as the makings of a fine, fine column . . .

This column was but newly emerged, and even more newly christened . . . it was but a fledgling, yet covered with down and rubbing the sleep from its eyes (Block that Metaphor!) It was to be introduced, introduced to the world; it was to have explained the reason for its existence—the hard-working authors, gathering inspiration from jabberwock juleps, were finally satisfied with their tour de force and proceeded to submit it to your publication for the purpose of getting it printed.

Well, apparently, it did get printed, although my friend, the Dachshund, had difficulty in recognizing it as his old acquaintance of three nights before—the beads had dropped from its eyelashes, its mascara had run, and its lipstick was on crooked; it had gotten a butch haircut, and the cream had been skimmed off.

Dear Editor, my friend, the Dachshund, complains about this kind of wanton mutilation, of the ruination of familiar features, about the unnecessary use of the blue pencil, and fervently hopes that such nonsense will cease; he threatens to die and come back and hant ya, if it does not.

Yours sincerely,  
Max L. Panzer.

### APPALLED

To the Editor:

As an old Tech man of long standing, I regret to note an unfortunate trend apparent in these corrupt days in my old Alma Mater. I refer to the nauseating exhibitions of "school spirit" so flagrantly displayed this year by certain new and ignorant students. I would like to do my best to straighten them out and start them on the proper path toward becoming true Tech men.

I am informed (I didn't see this myself) that certain members of the student body have been seen to attend football games in which the Tech team participated. Not only that, but some of them were even heard to indulge in raucous noises known in other less-favored education . . .

(Continued on Page 3)

long trek out to Scripps along with the old diehards, Mitch Cotton (who by the way seems to have aced out Carl Price), Clay Englar, Bill Boutelle, Dick Alexander, Jim Thorpe, and Dabney's own Chuck Auerbach. The above mentioned were about the only upper classmen present; the frosh were present about 50 strong and under the expert guidance of Alexander and Carl Price. It seemed very strange to see so few Techmen there; the word is that we have been replaced by the boys from Mudd. The dance was very enjoyable to this reporter's roving eye. The girls were dressed in the latest fashions—two inches lower in skirt and bosom; the latter was most appealing but the former distasteful. The most exotic femme in attendance wore a dangerous, but well-filled, strapless red dress. I was unable to get an introduction but if any reader knows her, please drop her name and phone in the Tech office.

### Social Notes From All Over

Warren Marshall makes this column again with his Sunday night activities in San Marino. It seems he is keeping in training by regular workouts with a VERY attractive blonde.

Berne, Switz. Local "Redlight" district in uproar over Frank Wolfe's decision not to do graduate work there at the Univ of Berne. It seems that the Univ. of Minn. holds more attraction at this time—could it be that the co-eds from the latter that he met this summer caused the change in plans?

Chuck Forrester, Rickett's man-about-town, seems to have a habit of arriving late. First he condescended to start school a week later than you and me, something about being laid up in the hospital with a strange disease, and then frustrating a certain queen by arriving at the La Verne game five minutes from the end. She had been brought for him by someone else. We wonder what blonde he had trouble tearing away from.

Bruce Hedrick was seen squiring Mary at the Scripps formal.

Tom Stix has finally decided to come back to the fold and date women instead of little girls. Roger Chambers and Bud Mittenenthal really put on the dog last Sat. night including Sardi's for dinner, the Pasadena playhouse, a little late and a little tight, and then to the Stuft Shirt for a nightcap. One of their dates included a local campus "cutie." What I want to know is where they get the money?

Al Eschner has been giving a certain Hollywood gal named Ginger the big rush—relax, fellows. She's not the same one that made such a hit during last spring's selection campaign, although she is more curvacious.

The most promising social activity of the coming week-end is the party rumored to be held at the Ski hut by its members. What are they going to do without any snow?

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## Whether Pigs Have Wings . . .

By The Walrus and the Carpenter

As we were saying when our remarks were so peremptorily cut last week, we will continue, as long as there remains considerable doubt as to whether pigs have wings, to glean a glimpse of glittering glamour in the gloomy conglomerate—that is, to find the unusual in the usual. So . . .

### GENESIS: Ph-la

Freshman Peter Jernigan and his roommate walked through the Ricketts-Fleming portico and headed down the olive-walk. Peter was conscious of keeping up a casual conversation with his companion, but his mind was elsewhere. He looked at his watch. Quarter to eight. Get there early the first day. Mt. Wilson on his right stood out clear and firm. A fine, brisk morning. He shivered. Let's see . . . first week of college . . . study hard, fifty hours a week but no more, be alert in class, football in the afternoons, get enough sleep . . . don't be a "snake" though, get to know people. Sex? At least once a week. That blond at the tea dance . . . from San Marino . . . hmmm.

Nearing Throop he paused to check the blue card, Ph-la—M8—306B. "See ya, Bill," to his roommate as they parted company. Things should work out pretty well; all it takes is a little organization. He glanced up at Apollo and self-consciously averted his eyes. Those upperclassmen in his alley. Art Reardon across the hall, house vice-president. How had he put it? "Tech's a cinch if you read the book the night before the final." Different story from the soph next door, "Nobody can get the work done in fifty hours." And that strange fellow in Rm. 16 who never said anything. He turned in the door of Bridge and trudged up the stairs. 304, 305, 306, he walked in. First one there. The blue-green textbook crackled as he opened it and thumbed through the pages. Pictures of Faraday, Newton, Galileo. Always read the preface. "A textbook for the serious student . . ." He recalled his valedictory address to his

high school class three months ago . . .

"Oh, hello, Tom." The room began to fill. He adjusted the sheets of clean white paper in his clipboard. A figure in a plaid sport coat was writing something in a corner of the blackboard. The sport coat turned around, revealing a face that was fair, clean-shaven and twentyish. The mental image of a bearded ancient professor receded reluctantly from Peter's mind. "My name is . . . , my office hours are . . . , etc., etc." Peter flipped the pages to Chapter I. **Linear Motion.** Couldn't be too bad. After all, got 98 on that high school physics final. He passed his white card forward. "The grading system in this course will be . . ." A stir of eagerness swept over the class and pencils scribbled in unison. For the first time Peter surveyed the men about him. Decent-looking bunch, but that look of radiant intellect on their faces made him slightly uneasy . . . still, the obvious newness of those yellow slide-rule cases throughout the class was a bit reassuring.

"I assume that most of you gentlemen are familiar with a fundamental principle of the differential calculus." There was a ripple of nervous laughter. What's all this? The instructor began writing equations on the blackboard and the clean white sheet of paper on the clipboard was soon filled. "From this it is obvious that the acceleration is equal to the second derivative of the displacement vector with respect to time." Peter recalled the simple statement in his high school physics book, "a equals v over t." No time to worry about that; more equations and little arrows were covering the board. Peter raised his hand to ask a question, but a fellow in the first row beat him to it. The class tittered insultingly and Peter was glad he had been spared. More notes. A bell rang. Assignment for tomorrow: eight problems. A second bell.

Gathering his books, freshman Peter Jernigan rose and walked out into the dark hall. As he lit his cigarette, a slow, quiet panic crept up within him . . . So this is Tech!

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## Pep Rally Primes Pre-Game Rooters

A pre-game pep-rally at last Friday's assembly put the polish on Caltech's cheering section. A rousing program, led by the Roehm Roustabouts, got everyone in the right spirits. Of course, five beautiful songleaders and our supreme band helped, too.

Between practice yells several speakers enlightened Techmen on how the cheering section was to contribute the most to the game. Jack Scantlin gave the details on the card stunts and tried vainly to explain them to the freshmen. Bud Mittenthal then outlined the half-time activities and stunts, mainly concerning a Model-T that spewed beer bottles all over the field.

In a more serious vein, Coach Anderson expressed his wish that the spirit of both the team and its rooters would be at a peak that night. It is well to notice that we did hold Whittier to a tie.

## Faculty Women's Club Announces New Officers

The Faculty Women's Club of the California Institute of Technology held its first fall meeting on Oct. 1 at the Athenaeum. Dr. L. A. DuBridge spoke to the group on "Caltech Today."

Announced as officers of the club for the coming year are Mrs. A. Perry Banta, president; Mrs. C. G. Niemann, vice-president; Mrs. Chester Stock, recording secretary; Mrs. Bruce Sage, corresponding secretary, and Mrs. Richard H. Jahns, treasurer. Mrs. F. C. Lindvall has been named hospitality chairman, Mrs. G. W. Beadle, program chairman; Mrs. Ernest E. Sechler, membership chairman, and Mrs. V. A. Vanoni, organization chairman.

## En Garde

Caltech fencers will hold their second meeting of the season Wednesday night.

Those interested are welcome to come down to Room 15 Dabney Hall at 7:30 to see some fighting. The club can take on a few new members and would like to do so immediately in order that a team may be formed to participate in outside competition this winter.

Mel Hickey, Room 4, Dabney, has full particulars if you want to hear more.

## CAMPUS PARKING

(Continued from Page 1) rules and avoid further notice and subsequent fines."

If this notice fails to get response, further notices may appear. These subsequent notifications include fines.

If you are assigned to one of the on-campus spaces and find an alien car in it, notify Capt. Chas. M. Sayers at the Guard House. He will dispatch an officer to your space to issue a warning or fine or remove the car at once, if possible.

**Space Applicants**  
The demand for campus parking spaces has been many times the supply. Consequently, the only members of the student body whose applications have been accepted at this time are seniors living in the student houses.

If you are a student and applied for a place and do not qualify under this regulation, you will not be able to obtain a place at this time. As spaces become available, notice will be given.

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## New Appointments Increase Faculty

The California Institute of Technology will have the largest peacetime faculty in its history this year, Dr. Lee A. DuBridge, president, said recently, when he announced 75 new appointments for 1947-48.

"Among our new professors will be such outstanding men in their fields as Dr. H. P. Robertson, Theoretical Physics, who comes here from Princeton; Dr. J. G. Kirkwood, Theoretical Chemistry, from Cornell University; Dr. Max Delbruck, Biology, from Vanderbilt University; Dr. Hunter Mead, Philosophy, from San Diego State College, and Dr. R. P. Sharp, Geology, from the University of Minnesota, as well many others who will greatly strengthen our teaching and research staffs," he said.

New appointments are as follows:

**Professors:** Max Delbruck, Biology; John G. Kirkwood, Arthur Amos Noyes, Professor of Chemistry; Hunter Mead, Philosophy and Psychology; H. P. Robertson, Mathematical Physics; Robert P. Sharp, Geomorphology.

**Visiting Professors:** . . . . A. Erdelyi, Mathematics; Lloyd A. Jeffress, Psycho-biology; M. G. Mes, Biology.

**Research Associates:** . . . . . Walter S. Adams, Astronomy and Astrophysics; Charles E. Bradley, Biology; Donnel Foster Hewett, Geology; Albert E. Longley, Biology; Simon Ramo, Electrical Engineering.

**Lecturers:** . . . . Henry Dreyfuss, Industrial Design; James Alexander Noble, Metalliferous Geology; Hampton Smith, Petroleum Geology.

**Associate Professors:** . . . . . Pol Duwez, Mechanical Engineering; Paul Conant Eaton, English; Norman H. Horowitz, Biology; Ray D. Owen, Biology; Rodman W. Paul, History.

**Assistant Professors:** . . . . . William J. Bobisch, Civil Engineering; Paco Lagerstrom, Aeronautical Engineering; Beach Langston, English; Henry F. McCreery, History; W. Duncan Rannie, Mechanical Engineering; Charles H. Wilts, Applied Mechanics.

**Senior Research Fellows:** . . . . Arthur W. Galston, Biology; Theodore Thomas Puch, Biology;

## Blacker Schedules Three Parties

Blacker's social season will open officially this week-end with plans calling for an exchange, a stag, and a theater party.

Following close on the heels of the entertainment green light at the end of the freshman rotation, will be an exchange dinner with Dorsey Hall at Scripps on Thursday evening. These affairs have proved very popular in the past, and furnish an admirable opportunity for furtherance of the good-neighbor policy with our sister college.

The annual "get-acquainted" stag will occur Friday evening under the sponsorship of the sophomore members of the house. The usual refreshments and entertainment are promised and an evening of hilarious good cheer appears in order.

In a more dignified vein is the theatre party scheduled for Saturday evening. Featured attraction at the Pasadena Playhouse is "Joan of Lorraine." Dancing in the lounge will follow.

**Bernard B. Watson, Physics;** J. A. Whieldon, Physiology.

**Research Fellows: Biology**—Barbarin Arrequin, David R. Brown, Charles R. Burnham, E. E. Dale, Ellsworth C. Dougherty, Moises Kramer, Joseph Lein, Werner Karl Maas, George Laties, Benjamin Elazani Volcani, Carroll Wagner, Herschel L. Roman, Mildred Swann, Marko Zalokar. **Physics**—Raymond V. Adams, Robert B. Leighton, Joseph E. Perry. **Chemistry**—John R. Cann, Gene B. Carpenter, Clara Louise Deasy, Jerry Donohue, Paul A. Giguere, David R. Howton, Hartman Koechlin, Edward C. Kooymann, Abram Stavitsky, Kenneth N. Trueblood, Seymour Singer, Borge Wille. **Geology**—S. K. Chakrabarty, Antonio Due Rojo. **Astrophysics**—Guy C. Omer, Jr., Albert G. Wilson. **Mathematics**—Samuel Karlin.

**Instructors:** . . . Nicholas Begovich, Electrical Engineering; Melvin Brockie, Economics; John Scott Campbell, Engineering Drafting; J. Kent Clark, English; James H. Drake, Electrical Engineering; E. T. Preisler, Physical Education; Theodore B. Smith, Meteorology; Alfred Stern, Languages; George Tanham, History.

## Talkin' It Over

with The Goon

Well, men, here it is Tuesday night; the last Frosh has been told what a great guy he is, and now whips and Dyanshine bottles appear from every hiding place.

If the lads who have been snowing Dean Strong's boys can do as well with their wahinees there must be a lot of lipstick being wiped off numerous shirts. Old Stan and I were doing our bit for the Big Red Team the other evening and being just as hypocritical as the next used car dealer. This is a brief recap of the happy trip:

The first fish we were after lived in the famous alley mentioned above. As we walked up the stairs, we accidentally set off a burglar alarm which roused Dumbo and Bowen who form the "I'll hit hi mhigh, you hit him low" team. Picking ourselves up from the floor we explained to these zealots that we were only visiting a frosh to find out how to work a problem. "Why, we're more than happy to have you talk to our frosh,"

smiled Ted, as he led us to the room where the lad stayed. "Don't worry about the chains on his legs," Dumbo assured us. "He can go wherever he pleases."

Our next call was in Blacker. Marshall and McLean had studied child psychology this summer and had prepared a campaign that couldn't be beat. The doorman to the freshmen's room was a sophomore. The man doing their homework was a Tau Bate junior. And at the small bar that was set up in this tremendous corner double was none other than "Beer Bottle" Mitt.

We were quickly told that the children we had our eyes on were quite contended with their immediate surroundings, and since they were to keep them, they thought that they would remain. Stan and I got off our knees and moved to Dabney.

Outside of the door of a certain prominent wheel in the frosh class we were greeted by

a pretty blond secretary. "Would you men please put your names on this list? There are only fourteen people ahead of you and it will be about an hour before he will be able to see you." It was closer to three hours later when Auerbach, Hickey and Fullerton came back from the rounds of the local night spots, dragging the frosh behind. He was in no condition to talk terms.

There was only one place left—Fleming. As we walked into the court, we saw Stix selling road maps and room numbers to the various boys living under his Iron Curtain. He gave us the nod and we moved in on the kiddies. With Bass, Walquist and Long at our side we methodically made the rounds of the rooms. We outlined the compulsory athletic training program of the house and if they were not happy about it, Bass and the Torpedoes went to work.

Well, here it is Wednesday night. The lists have been made out. Now we're thru kissing them; we're ready to beat on 'em!

## Tau Beta Prexy To New York

Charles Murphy, Prexy of Tau Beta Phi, attended the National Convention at New York City at which he spoke. He left Tech Tuesday, Oct. 7, and returned Sunday, Oct. 12, staying at the Hotel New Yorker during the interim.

Future plans discussed at the convention include building a \$300,000 national headquarters at Nashville, Tennessee.

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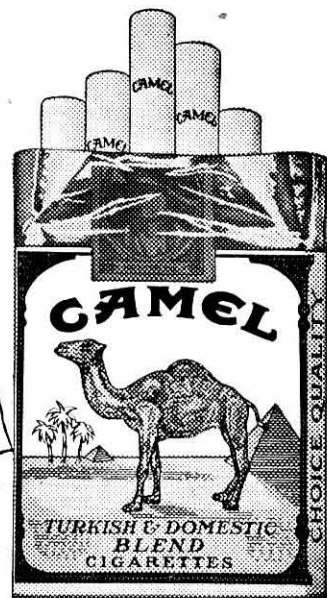
"Skitch" and some of his side-men looking over an arrangement of "Dancing With a Deb."



The platter that's causing plenty of chatter in juke circles is "Skitch" Henderson's latest instrumental—"Dancing With a Deb." Boy—what a record!

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# Beaver Sports

## Cross Country Team Prepares For Interhouse Meets

The press of ailing gridders around his little cell became too great for Coach Doc Hanes, and last Monday as a result he gathered his cross-country runners together and introduced them to their new coach, Bud Carroll. Bud is a CIT senior, former distance runner of renown, and his goal is to put Tech on top.

### Nucleus of Experienced Men

Returning from previous years on the long, hard gravel path are Jim Densmore, Jack Marshall, Mike Sellen, Larry Nobles, Don Peterson and Carl Anderson. Along with a fine showing of new men, Coach Carroll hopes for a conference threat.

His brightest hopes at present are Densmore and Marshall.

### Frosh Team Promising

The advent of a freshman team this year adds to the interest of the program, and an enthusiastic turnout has been made by the newcomers.

From the pre-season standpoint, it appears that Bob Cobb and Walt Edwards will be the

men to beat. A number of other men look mighty promising.

### Interhouse Begins Next Week

The teams will have the first chance to show what they can do in the three interhouse meets. The 1½-mile will be held Oct. 21; the 2-mile on the 24th, and the 2½-mile on Oct. 31. In line with the recruiting of interested parties, the races were shortened from the 2, 3, and 4-mile grinds of former years. It is hoped by this means that each house will enter at least three men in the races and thus be eligible for points.

### Scratch Sheet

This dopester has been snooping around attempting to pick a favorite, but he came up with a blank. No torrid entries are on the list since lettermen are ineligible for house competition.

Dabney has a strong entry with Wayne Herzig, Herbie Simons and Dick Spellman, while Blacker has a promising nucleus of Larry Nobles and Dick Felbeck. An inexperienced Ricketts team is led by Peterson, while Fleming mutters mysteriously about dark horses. No groanings could be heard from the Throop camp and they remain unknown.

The intercollegiate season opens Nov. 7 with Compton J.C.



**McLEAN ROLLS**—Fullback Doug McLean carries the ball on an end around for a seven-yard gain against Whittier in the first quarter. The game ended in a 6-6 tie.

## Houses Open Ten Game Intramural Baseball Season

### Stiff Competition Expected In Fight To Displace Fleming

Interhouse baseball competition was resumed Monday in the first of a round-robin schedule among the four on-campus houses and Throop Club. Jim Nerrie, instructor in Physical Education, will supervise the two-and-a-half-week program.

All games will be played on the varsity diamond in Tournament Park, and will begin at 4:30 p.m., lasting until darkness.

### Fleming Favored

Fleming has a strong chance of retaining the title, although Chuck Norman, mainstay pitcher of last year's team, will be missing from the group. Replacing him will be Don Furth, who Fleming men feel is as good as Norman. Probable starting nine is Dick Bennett, c; Clay Engler, 1b; Bill Cox, 2b; George Bowen, ss; Elroy Chinn, 3b; Bernie Shore, lf; Jay Montgomery, cf, and Felix Bochanski, rf.

Hitting power in the form of fielders Bob Dalton, Rube Kachadorian and Pim Thorpe, will be the key to the success of Ricketts' pennant drive. The "Rowdies" take pride in their second

(Continued on Page 6)

## Fumbles And Interceptions Mark Sloppy Going vs. Poets

(Continued from Page 1)

### "Whittier Was A Pushover"...

Apparently all Coach Anderson's pre-game apprehensions regarding the Whittier Poets were unfounded—our staff has unearthed "reliable" reports from the free American press showing that, actually, it was Whittier, not the Tech eleven, which entered the fray as underdog, and fought valiantly, against impossible odds, to defeat a vastly superior Beaver eleven.

The following is from the local Whittier newsheet:

"The favored Engineers, the (Continued on Page 6)

After the Poets had made another first down on the 17, Jarnagan carried the mail around end to the Beaver 4-yard line and plunged over for the score three plays later. The stout Tech line held like a rock for two downs, but could not stop the third Poet try. The try for conversion was blocked by Warren Marshall.

Tech line play, which three times stopped threatened scores by the rival team, was tops. In the play almost every time were Schuster, Hibbard and Bass, who played heads-up ball all the way. More than once Hibbard, right end, crashed an interference of two or three men to make the tackle, and Right Guard Schuster made center plays rough for the opposition.

### Tech Shows Power

The fourth period showed a definite Caltech superiority, after the first three stanzas had been played on a toss-up basis. As the quarter got underway, Wozniak returned a Whittier punt to the Tech 32-yard line from the 14. Runs by Funk and Wozniak advanced the leather to the Tech 43 and another first. Two more plays took it one yard into Poet ground, but the Whittier line held and pushed the Techmen back.

Forced to punt, Chaffee made a direct hit into coffin corner four yards from the goal. Tech took the return punt on the Poet 37, gaining 14 yards on the exchange.

### Wozniak Tallies

McLean, fullback, took a reverse to the 26 for a first down, and Wozniak rolled up one more on the 16. On fourth down, Wozniak passed 12 yards to Milt Strauss for the first down on the four; McLean crashed over center to the one, and Wozniak went around right end from the 1-yard line to tally two plays later, with only four and a half minutes of playing time remaining. This time Norman's try for conversion was blocked.

### Last-Minute Threat

Whittier threw a last-minute scare into the Tech cheering section when they recovered a Beaver miscue on the Tech 16 with only a minute and a half to play. A strong Tech line had forced Whittier to punt when this break put them in threatening position once more. Alert Bevo backs broke up three pass plays, however, and a field-goal try was kicked wide as the Tech line rushed in. Taking over on the 20, the Engineers ran out the remaining time on the ground, unwilling to gamble with a last-minute pass interception.

STATISTICS		
Caltech		Whittier
16	First Downs	10
14	By rushing	7
2	By passing	2
0	By penalties	1
179	Net yds. rushing	156
28	Yards lost	11
68	Net yds. forwards	27
14	Forwards attempted	13
5	Forwards completed	4
247	Net yds. gained	183
2	Intercepted by	4
13	Yds. interceptions return	28
6	Punts, number	8
4	Returned by	3
35.67	Punts, average	39
45	Kickoffs, average	45
45	Yds. kicks returned	50
11	Punts	26
34	Kickoffs	24
7	Fumbles	4
5	Yds. lost on penalties	30
6	FINAL SCORE	6

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# Frosh Settling In Their Future Homes This Week

## Houses Preparing to Initiate Frosh; New Men to Spend Rough Two Weeks

After two weeks of rotation through the four student houses, Freshmen listed Tuesday night, in order of preference, the houses they hope to live in.

After trekking counterclockwise from house to house for three days of food, propoganda and entertainment (?) at each house, the freshmen were supposed to have learned from the upperclassmen the general characteristics of each house.

## Pauling Awarded Oxford's Eastman Professorship

Professor Linus Pauling, California Institute of Technology Chemistry and Chemical Engineering Division chairman, who has just returned from England where he received honorary doctor of science degrees from Cambridge University and the University of London, will go back to England next December as Eastman Professor at Oxford University, Dr. Lee A. DuBridge, Caltech president, announces.

The Eastman professorship is awarded periodically to outstanding American scholars and scientists and has previously been held by such men as Supreme Court Justice Felix Frankfurter and the late Simon Flexner, then director of the Rockefeller Institute for Medical Research.

Dr. Pauling will lecture in the field of chemistry at Oxford from January to June, covering the second and third terms at that school, and will return to Caltech upon completion of his work in England, Dr. DuBridge said.

In addition to receiving the two honorary degrees on his recent visit to England, he was inducted as an honorary member of the Chemical Society of London and gave an address at the International Congress of Pure and Applied Chemistry, of which he was president of the section on physical chemistry. He was also made an honorary member of the Royal Institution of Great Britain and of the London Athenaeum.

Dr. Pauling also visited Stockholm, Sweden, where he attended the International Congress of Experimental Cytology, and visited Swedish universities and research laboratories.

## Dreyfuss To Give Lectures To I.D.

Industrial Design students will reap the benefits of the experience of a nationally known leader in that field this year when Henry Dreyfuss, who heads the New York industrial design firm bearing his name, enters the field of higher education as a visiting lecturer at the Institute.

**Fly Swatters, Trains**  
Known for his original as well as revised design of a vast assortment of industrial products, ranging from fly swatters to the interior of huge aircraft transports and magazine covers to sleek, streamlined trains, his work at Caltech will be his first in the field of higher education.

The graduate Caltech School of Industrial Design is recognized as one of the most outstanding of its kind. Students are carefully selected and only those who have obtained a bachelor's degree in science, mechanical or architectural engineering are accepted.

**Professional Degree**  
After successfully completing two years of work designed to provide sound, down-to-earth training in the study of function and appearance of products consistent with current engineering practice, students are awarded a professional degree in Industrial Design. New as well as existing materials and manufacturing methods are utilized in study.

Dreyfuss is author of two books on Industrial Design. He received the Lord and Taylor Design Award for 1939 and 1943 received the American Designers' Institute Award for outstanding contributions to American design. During World War II he designed the elaborate strategy rooms used by the joint Chiefs of Staff in Washington, D.C.

The houses also drew up a list of the freshmen whom they would like to have as members. The four resident-associates then met Tuesday night, and, after a stormy session that might have taught the U.N. a few things about veto, got each frosh settled in a house.

Of course, as one House president, Paul Fullerton of Dabney, said, "It was very hard to get to know everybody in just a few days." But by means of the dinners, lunches and general bull sessions, Freshmen and upper-class members got acquainted, and the freshmen managed to remain fairly impartial even through a series of sometimes slanderous innuendos and libelous charges against the other houses.

After the freshmen are settled in the houses of their choice (if they are in luck) they will go through the little indoctrination courses known as initiation.

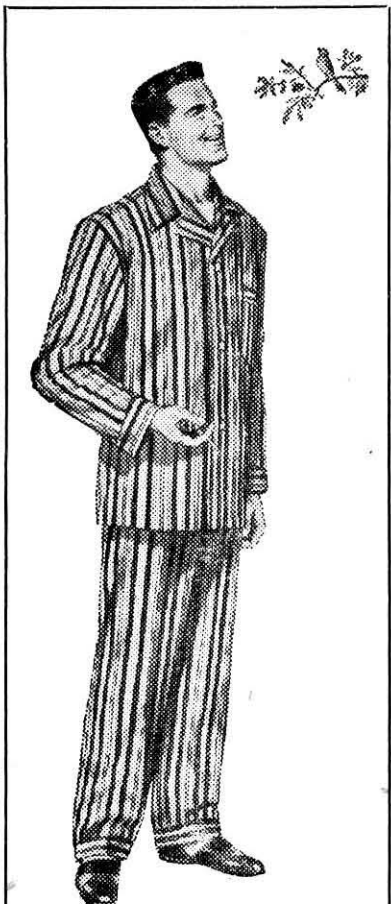
## WHITTIER WAS

(Continued from Page 5)

greatest Tech team in many years . . . (tied) the underdog Poets . . ."

Later on we are surprised to learn that "Hard . . . Whittier tackling . . . caused five Tech fumbles." That's a better excuse than we could figure out just from watching the game.

The article in question, containing other similar gems, is on display in lower Throop.



## ALL SET FOR THE PAJAMARINO

Don't tell us those old P.J.'s you've been wearing in the dorm can stand the bright lights of Colorado Boulevard! Better dash down to Nash's and get Textron's striped broadcloth. Neat enough to make you look like a man of distinction, they're Sanforized to keep their ample fullness as long as they last.

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## Standard Oil Lists Opportunities

### Geologists, Engineers Sought for Overseas Positions

The Placement Office has received information concerning opportunities of employment in Venezuela, Arabia, Colombia, Peru and the Far East, from the Overseas Personnel Office of the Standard Oil Company, New Jersey.

A special notice will be found on the bulletin board of the Placement Office in Throop Hall.

Any seniors or graduate students in Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering and Geology, who may be interested, should contact the

## HOUSES OPEN

(Continued from Page 5)

and third-base combination of Bruce Worcester and Bob Winchester. Other first-string men are Howard Lewis, ss; Carl Fox, cf; Tom Fay, 1b, and Harvey Robinson, rf.

Throop Club boasts a smooth infield combination plus Louis Stallkamp, whose pitching arm will determine whether the off-campus men grab the championship from Fleming. Team mem-

bers likely to play regularly are Duane Neverman, 2b; Jack White, 1b; Hayden Sanders, ss; Roland Johnson, rf; Bob Benton, cf; Tom Moore, lf; Ray Maurus, 3b, and Bill Gothard, team captain and catcher.

Placement Office immediately. It is probable that some time in the future a representative of the Overseas Personnel Office will visit the Institute for the purpose of interviewing any students who are interested in these opportunities.

Blacker and Dabney team captains John McGrane and Bruce Hedrick bemoan their respective team's lack of experience, and cannot judge their team's strength on the basis of the short practice. Blacker's nine will probably be: Ralph Lovberg, c; Warren Krum, 1b; Dick Pollack, ss; Art Bruington, 2b; H. Kamei, 3b, and Larry Nobles or McGrane, pitcher. The outfield consists of Frank Evans, Byron Youtz and Bill Karzas.

Dabney's hopefuls are Malcolm Hickey, c; Phil Lamson, 6; Bob Brayford, 1b; Bill Jarmie,

2b; Dick King, ss; Sage Burrows, 3b; Joe Burkholder, lf; Dave MacKenzie, cf, and Bill Pyle, rf.

Schedule:  
Oct. 13, Monday — Dabney vs. Throop.  
Oct. 14, Tuesday — Blacker vs. Fleming.  
Oct. 15, Wednesday — Ricketts vs. Dabney.  
Oct. 16, Thursday — Throop vs. Fleming.  
Oct. 20, Monday — Blacker vs. Ricketts.  
Oct. 21, Tuesday — Fleming vs. Dabney.  
Oct. 22, Wednesday — Throop vs. Blacker.  
Oct. 23, Thursday — Fleming vs. Ricketts.  
Oct. 27, Monday — Dabney vs. Blacker.  
Oct. 28, Tuesday — Ricketts vs. Throop.

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