

# ASCIT Runoff Election Today

Since last Thursday's ASCIT election for First Representative-at-Large turned out to be a close race, with no candidate receiving the required majority of the vote, a run-off election is being held today to decide the social chairman for the remainder of the two-term year. The two contestants for the office are Bud Mittenthal and Bill Smyth. Mittenthal garnered 151 votes to edge Smyth with 150,

while Bill Woods trailed them both with 117. The 418 votes meant that only about half the student body wished to exercise the franchise in filling this important post. Bud Mittenthal, in addition to serving as president of his class, is a member of the rally committee, and held the office of Secretary of his class last year. Bill Smyth is acting First Rep, and the forthcoming ASCIT dance on the 31st of October is largely his work. Bill also won an honor key in 1946 for his participation in extra-curricular activities.

For the election the polls will be open from 12:30 to 4:15, and will be located at the same places as last election, with the exception that there will be no booth outside the library. A list of polling booths appears elsewhere on this page. Remember that ASCIT student body cards must be shown when you vote.

**PAJAMARINO  
PARADE TONIGHT**

# CALIFORNIA TECH

**TAME  
TIGERS  
TOMORROW**

California Institute of Technology  
Thursday, October 23, 1947

Volume XLIX

No. 3

## Oxy Tigers Open Conference Against Beavers Friday

**Key Tiger Passing Combs May Not Go; Anderson To Shoot Works For Win**  
Caltech and Occidental, grid rivals since 1895, clash Friday night at the Rose Bowl in their annual "Big Game" with the Beavs in their customary role of underdog.  
The game will mark the 34th meeting of the two schools, the series standing 21 wins for Occidental to 10 wins for Caltech with two ties.

Anything can happen in this game and usually does. There will be plenty of aerial fireworks, for both teams boast flashy passes. Caltech will rely on Glenn Hughes, triple-threat southpaw passer and right-handed passer; Dick Park, Jerry Wozniak and Glenn Norman.

**Tigers Injured**  
Occidental's key passer, Don Anderson, was injured in the San Diego State game, and his best receiver, Bob Levin, end, also was hurt. But "Dusty" Rhodes, quarterback, and Joe Johnson, fullback, are ready to fill in for the injured players. Tassej also boots from a long and far and probably will match kicks with Tech's snappers.

Last year's game ended in a surprise 19-to-6 victory for Caltech, and many of the 1946 veterans are back on both clubs. This year, however, Oxy has more reserve strength — but Caltech boasts speed, a tricky running attack and a fine, hard-hitting line.

Coach Mason Anderson of the Engineers has been drilling his boys on pass defense. So has Coach Roy Dennis of the Tigers. But either team can break away  
(Continued on Page 2)

## Assembly Program For Year Outlined

The assembly program for this term is going to offer something of interest to each Caltech man, according to Jack Ottestad, Rally Commissioner.

Some of the future assemblies will be a possible Scripps exchange assembly, a "combo" band group, C.E.S., S.A.E., other professional assemblies, and a faculty assembly.

All freshmen will be required to attend these Friday assemblies, at least until the second term.

Friday assemblies will offer student entertainment, develop school spirit through rallies and give new students and freshmen a chance to get acquainted with school customs and traditions.

Monday assemblies will be educational and offer speakers or programs sponsored by the student professional societies and other groups. Mondays from 11 to 12 will also be used for class meetings and other special activities.

## Campus Calendar

- Thursday, October 23—Throop Club meeting, 12:20. Pajamarino, 7:00 p.m., Tournament Park.
- Friday, October 24—Student Rally, 11 a.m. Water Polo game, Caltech vs. Compton here, 4:30 p.m. Frosh football game with Oxy, 5:45 p.m. Caltech vs. Occidental at Rose Bowl, 8:00 p.m. Dabney-Haines Hall (Oxy) Exchange there after game.
- Saturday, October 25—Halloween Dance at the Athenaeum.
- Monday, October 27—First "Y" Forum in 119 Kerckhoff, 7:30. Dr. H. L. McMurray, Speaker.
- Tuesday, October 28—Band Rehearsal in Culbertson Hall, 7:30 p.m.
- Wednesday, October 29—Frosh Luncheon Club at the Training Table, 12:00. Orchestra Practice in Culbertson Hall, 7:30 p.m.
- Thursday, October 30—Upper Class Luncheon Club at the Training Table, 12:00. Throop Club Meeting, 12:20 p.m. Orchestra Practice in Culbertson Hall, 7:30 p.m. Glee Club, 8:30 p.m., in Dabney Lounge. Fleming-Clark Hall (Scripps) Exchange. Ricketts Stag. Ski Club Organization Meeting 7:30.

# Pajamarino Bonfire Burns Tonight



PARADERS—Pasadenans will view a scene similar to the one above, last year's Pajamamarch, when Beavers rally tonight.

## Traditional Pre-Oxy Game Rally To Displace Evening Snaking

**Roaring Fire, Moonlight Parade And Women To Warm Tech Spirit**

Tournament Park is the place to be at 6:30 tonight—decked out in your gaudiest pajamas, but wear enough clothing under your outfit to keep warm and bring your best sense of humor. Rally Commissioner Jack Ottestad has arranged a fine evening for all and the Pajamarino of 1947 should prove to be one of the best ever.

**Program Outlined**  
Dinner has been arranged for Tournament Park at 6:30 p.m. No meals will be served in the Student Houses tonight. Be sure bring your ticket, either green-blue or orange; it is the only way you can get into the park in order to eat dinner.  
After dinner, the Caltech Band will lead a few songs, and a few

## Lindvall, Millikan Pauling Will Act As Hosts Sunday

Hospitality is breaking out all over the campus in the next two weeks. On Sunday, October 26, the first "Y" Sunday Firesides will be held. Three faculty members will act as hosts to a group of students on Sunday evening between 7:30 and 9:30. Although anyone may attend, see the men listed if you wish to go, since the hosts can take care of only a certain number.

The hosts for next Sunday are:  
**Dr. R. A. Millikan**  
See Tom Tracy in Ricketts.  
**Dr. F. C. Lindvall**  
See Bill Muehlberger in Dabney.

**Dr. Linus Pauling**  
See Jim Luscombe in Fleming.

**Coming Attractions**  
On Sunday, November 2, another group of men will be entertained. The hosts for that week will be Dr. Donald Clark, Dr. Ray E. Untereiner, and Dr. Pauling again. If you wish to be a guest of Dr. Clark or Dr. Untereiner, see Tom Tracy in Ricketts. John C. Lewis in Fleming will take the names of those whose wish to visit Dr. Pauling for that week.



GALS—Back for a return engagement at tonight's Pajamarino are the PCC Highlighters, two of whom are shown above.

## Halloween Sport Dance To Feature Boyer Orchestra

On Friday, Oct. 31, the first student body dance will be held at the Glendale Civic Auditorium. For this Halloween dance LaVerne Boyer and his orchestra has been engaged to provide the music to which Techmen and their dates will frolic.

Sport clothes will be in order in keeping with the general informality of the Halloween season. From nine to twelve P.M. is the time set for the Techmen to extract the maximum amount of pleasure from the evening.

**No Fee**  
The admission is free to all members of the student body, since the admission was included in the student body dues. The only requirement for admission is your Student Body card, which is your pass to pleasant evening of dancing.

Acting First Representative William Smyth has prevailed on three members of the faculty and their wives to act as chaperones. The privileged faculty members and their wives are: Mr. and Mrs. Brockie, Mr. and Mrs. Tanhan and Mr. and Mrs. H. McCreery. A map showing the best routes to the Glendale Civic Auditorium will appear in next week's paper.

If you have not yet obtained your date for this event rush to the nearest phone and rectify your mistake before it is too late.

cheers will be followed by a preview of the big game tomorrow by Coach Anderson. The parade will follow the yells, starting at 9:00 o'clock at the gates at the west end of the Park.

**Route of Parade**  
The parade will proceed down Wilson Ave. to California Street; down California Street to Lake; up Lake Street to Colorado; down Colorado through the heart of Pasadena to Raymond Ave.; up Raymond Ave. to the Pasadena Armory, located just north of the Raymond Theater.

Five cars and two trucks will be in the parade. However, anyone desiring to put a car in the parade see Jack Ottestad beforehand, as all cars have to be decorated in a certain manner.

**Armory Program**  
Jack refuses to give out with much information about the program; however, he says that the P.C.C. Highlighters will help  
(Continued on Page 2)

## Qst Qst Qst

To all past, present and future hams, and anyone else interested in amateur radio: the Caltech Radio Club will hold a short meeting at 12:30 p.m. tomorrow, Friday, in the Fleming House fan room, located at the north end of the alley directly above the lounge. The subjects will be activities for the coming year, and membership in the club. Everyone interested in amateur radio cordially invited.

## McMurray Opens "Y" Forums Mon.

**Former Congressman From Wisconsin to Lead Discussion**

Dr. Howard J. McMurray, Professor of Political Science at Occidental and former Congressman from Wisconsin, opens the Y Monday Evening Forums with "What's Wrong with Congress Today," Monday, at 7:30 P.M. in Room 119, Kerckhoff.

**Well Qualified**  
He is eminently qualified to speak on this subject because while in Congress he was one of the outstanding younger Congressmen. Previous to that he was a member of the Political Science Department of the University of Wisconsin. He received his A.B. in 1936, his M.A. in 1936 and his Ph.D. in 1940, all from the University of Wisconsin.

**Series Continues**  
Carl Price, head of the Y Forum Committee, announced that two weeks later Dr. McKelvey, also Professor of Political Science at Occidental, will continue the series with a forum discussing the Marshal Plan. Dr. McKelvey was one of the most popular men appearing on the campus last year and with these two excellent speakers the Y is sure of a good start on an interesting series of forums. The third in the series will be November 17th and will be a panel discussion by four well-known economists.

## New "Y" Cabinet Members Named

This year the "Y" Cabinet is composed of 18 active members interested in promoting the "Y" activities on campus, it was announced by its president, Dick Alexander. The Cabinet meets every Wednesday evening to discuss the varied phases of the program for the coming year. Elected last spring to help Alex during the current school year are Bill Muehlberger, vice-president; Elroy Chinn, Secretary; Dave MacKenzie, Treasurer; and Burt Housman, National Representative.

**Committees**  
Bill Boutelle heads the very active Social Committee. All the Frosh remember the very successful Tea Dance held at the beginning of this term. Many more social functions are being rapidly lined up.  
Keith Kohlen is in charge of  
(Continued on Page 2)

## Want Key Men

All men who have master keys to any portion of the student houses in their possession must report to the Student House Business Office by Monday night, Oct. 27.

An individual having an undeclared master key in his possession after this date is subject to Board of Control action!

## Rhodes Application Deadline Near

Students interested in Rhodes Scholarships still have until November 1, 1947, to send their applications to the Secretary of the State Committee of Selections. By that date the applications must be in the hands of the State Secretary, Prof. J. W. Olmstead, of 405 Hilgard Ave., Los Angeles 24.

This year in addition to the 32 Regular Scholarships there are 16 War Service Scholarships; added because there were no scholarships offered during the war. The grant also includes 400 Pounds which may be supplemented by an additional 100 Pounds.

**Blanks**  
Professor C. K. Judy, Room 307, Dabney Hall, has complete details and application blanks.

Candidate requirements for a Regular Scholarship are:

- 1—Must be a single male citizen of the United States.
- 2—Must be between the ages of 19 and 25 on Oct. 1, 1948.
- 3—Must have completed the Sophomore year by the time of application.

Candidate requirements for War Service Scholarships are:

- 1—Must be a citizen of the United States.
- 2—Must be between the ages of 19 and 33.
- 3—Must have completed 1 year of War Service (Armed Forces or Civilian War Work for which deferment was granted by Draft Boards.)
- 4—Must have completed 1 year of work at college level.

The selected Scholars will start at the University of Oxford on Oct. 1, 1948.

## Hal Lomen To Play At Faculty Dance

The faculty and grad students of the Institute will drop their serious miens this Saturday and for a few short hours relax in the first gala social function of the Athenaeum fall season — the Halloween Semiformal.

Hal Lomen's orchestra will provide the music from 9 on for the professors and grads.

## SENIORS

The Pepsi-Cola Company is offering 26 fellowships to outstanding seniors throughout the country.

Selection is on a regional basis with six men chosen from each region.

The fellowships offer tuition and a subsistence allowance of \$750 per year, and the student may attend any accredited graduate school in the country. If you are interested in applying, see Dean Eaton soon. All applications must be in by Jan. 1.

## Occidental Delegation Visits Tech Campus

SPECIAL (WED. A.M.): A delegation of some thirty odd Occidental students visited the Caltech campus last night. Arriving unexpectedly, they nevertheless found that preparations were not wanting for their visit. In fact, Caltech hospitality was so pronounced that practically everybody in the student houses rushed over to Tournament Park to greet the delegation with open arms.

## Coolish?

In the meantime, however, the Tigerovers, possibly not used to the coolish Pasadena climate, ill-advisedly had tried to get a fire going. These attempts were quickly discouraged, however, and in true courteous Tech tradition, the Eagle Rockians were escorted by the brethren to the  
(Continued on Page 6)

## POLLING PLACES

- Student House Courts
- Throop Club
- Front of Dabney Hall

# The California Tech

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### The Front Burner

"Our Hearts Were Young and Gay," a play adapted from the best-selling novel by Cornelia Otis Skinner and Emily Kimbrough by Jean Kerr, hits the Pasadena Playhouse boards Wednesday, Oct. 29, for a two-week run.

As is generally known, the play deals with the antics of two young girls who sail for Europe on vacation in the Roaring Twenties.

Louise Kane, who will be remembered for her excellent "Rosalind" in "As You Like It," plays Cornelia, while Motion-Picture Starlet Marian Carr (who needs to be seen to be appreciated) will be Emily. Marcella Cisney directs.

"Joan of Lorraine," current Playhouse attraction, closes its run this Sunday.

### Masque Offering

The Masque Theatre on Wilshire Boulevard is offering an interesting inducement to the college trade—half-price tickets (reserved or otherwise) upon presentation of student body cards.

Present offering at the Masque, where curtain time is 8:30, is 8:30, is Ferenc Molnar's "The Guardsman," billed as "sophisticated comedy."

### NEW "Y" CABINET

(Continued from Page 1) the "Y" Book Exchange. This service is the only agency through which Tech students can sell their used texts. Leigh Sheriffs is the Publicity Chairman of the "Y." This year the "Y" is publishing a news sheet called THE Y'S BEAVER, the primary function being to publicize the many "Y" activities which are of interest to Tech students.

Carl Price is the chairman of the Forum Committee and he is assisted by Dave Madden and Dave Baron. The Atomic Control Group, under the leadership of Jim Harder, is producing a radio program which is to be broadcast over KPPC every Wednesday night.

### Calendar

The calendar, to be located in the "Y" office, will list ALL activities pertaining to Techmen. Ollie Gardner, aided by Mike Sellen, 2nd Rep. of the ASCIT, and Rube Kachadoorian, Beaver vice-presy, will form a committee of three to keep the calendar complete and up to date.

One of the most active committees of the "Y" handles Faculty Firesides, which is now moving at a white heat under the able direction of Tom Tracy. Gene Shoemaker is in charge of the newly organized group of graduate students interested in the program of the "Y" and he heads the Graduate Relations Group. Bob Crichton is the Tech repre-

## Musical Baedeker

Last Tuesday saw the opening of the current Los Angeles Music Guild concert series in a recital of chamber music featuring the Budapest Quartet. Season tickets, including a special group at reduced prices to colleges and universities, were offered for sale early last month.

It was gratifying to see that quite a few Techmen took advantage of this unusual offer: the first concert saw many of the familiar eager faces of Tech music lovers clustered in one corner of the Wilshire-Ebell Theater, in addition to others scattered throughout the audience. They were in excellent form, too: the fact that many of them had obtained their tickets at a cheaper rate did not prevent them from—in fact, rather seemed to encourage them to—comment adversely on the indifferent playing of Josef Roiman, first violinist.

The series is unfortunately sold out. A few single tickets are sometimes offered for sale, however, by individuals, through the good offices of the campus Y.M.C.A.

—Charles Susskind.

### Musicales

The Caltech Musicales's series of informal concerts of recorded music will be continued on Sunday, October 26, 1947, in the lounge of Dabney Hall.

The program will include overtures to Freischutz and Tannhauser, Mahler's symphony "Das Lied von der Erde," and selections from Richard Strauss' opera, "Der Rosenkavalier." The concert is scheduled to begin at 7:30 p.m.

### TIGERS OPEN

(Continued from Page 1) at any time on the ground. So a lot depends on line play, rushing and the breaks of the game.

The Caltech and Oxy Frosh meet at 5:45 in a preliminary tussle.

representative to the Asilomar committee. Rumor has it that this year's Asilomar Conference will be the best ever. The World Peace Group, which is led by Dave Metzler, is working on a world correspondence program. Last, and one of the most important committees, is the World Student Service Fund, which is jointly headed by Burt Housman and Frank Wolf.

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### Whether Pigs Have Wings . . .

by The Walrus and the Carpenter

Here behind the Looking-Glass we have many strange and wonderful things, one of the least peculiar being the "phenomenon" of talking oysters—in fact, most everything back here talks, even . . .

### My Name Is Ferdinand

When they first look through the glass window at me their expressions all seem to have the same degree of disbelief, even disdain—as though I didn't really belong, indeed as though I had done something wrong . . . it really hurts sometimes. Of course it was all very stupid from the very beginning . . . back there in Ames, Iowa . . . at the Collegiate Manufacturing Co. What I mean is that my creators, contrary to what you may think by looking at me, were completely unimaginative. Oh, the artist who dreamed me up was clever enough—a splendid job, don't you think, the proud curve of my horns, the majestic thrust of my chin, and the powerful breadth of my chest? But those pathetic peons on the assembly line! As they stuffed my body and sewed me up, all I could hear all day long was platitude after platitude: the union this, the government that . . . believe me, I learned a lot.

But for all they cared, I was just a toy . . . the epoch of my creation was to them nothing more than a few dollars in their pockets. And to make tragedy out of mere disconcertment—my christening! Around my sturdy neck they tied the card with my name: "Bull," it said. That's all, just "Bull." Now I ask you, could anything have been more trite? I got over it in time, naturally, and finally affixed upon myself a more distinctive title—it's Ferdinand, incidentally . . . oh, not so very original, I suppose, but you can have no conception of the job I feel when I watch them through the window and see their lips form the word "Ferdinand." It's quite surprising the number that seem to know my name right off, without having to peer inquisitively at the card hanging at my neck.

In spite of my rather miserable existence back there at the factory, I shall never forget the day I saw the packing crate marked **Book Store, Calif. Inst. of Technology**. My orange nostrils quivered and my back bristled in excitement—and when I was chosen! Well, my elation was unbounded; I was in rapture! The big orange letters **CIT** were sewn on my white chest and . . . well, here I am! You see, at that time I considered myself a child of science, so to speak, a precocious infant of the production line (I was always more philosophic than any of my com-

rades-of-synthesis.) This was my chance! A chance to get a close up squint at the more abstruse side of things—and in company with Millikan! DuBridge! Worcester! \* \* \*

I was plunked down in the window together with Stinky (the black and orange skunk,) there to survey the inspired young demi-gods of Humming Humanity. And what did I see? An interminable stream of scurrying young disciples, each intent upon something—something important it seemed. And I? I was rarely noticed, only occasionally pointed at—and even then condescendingly. I remember one night when a visiting coed and her escort stepped out of the shadows of Throop Alley and confronted me. She calmly recited: "It's a symbol of frustration. All stuffed animals are stupid things. To own one is simply to admit sexual frustration!" Well, comments such as that were distressing to say the very least. For a time I was deeply disenchanted.

However, after considerable mental turmoil I finally reached an equitable solution; I should have known from the first that I could be happy only in Wonderland. So once again I'm a child of fantasy rather than of science. It's much better this way, really . . . and I'm progressing very nicely with Stinky . . . she's pretty dumb, you know, but I'm what you might call her "Hero." Perhaps . . . well, perhaps I've found a home here after all.

### BEADLE, PAULING

(Continued from Page 1)

control developmental processes in plants and animals and for his "still more intensive attack on this problem by his studies on the pink bread mold, Neurospora, where by combining the techniques of genetics, radiobiology and biochemistry he has discovered the precise chemical step which is governed by each of a series of genes in the progress of development."

### PAJAMARINO BONFIRE

(Continued from Page 1)

Connie Boswell and a yet-undisclosed "big-name" quartet of male voices. The show will start at 10:00 p.m. and last for about an hour.

After the program, there will be a short rally at 11:15. Trucks will make three or four trips to haul the weary troops back to the snake pits, where they can fall asleep dreaming of beautiful women.

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## Campus Brewin's

Our tirade about the pulchritude of Techmen's frauiliens in last week's column had its desired effect; as all five houses burst forth with tremendous zeal providing me with plenty of whole newspaper. We will get down to the bare facts and examine each house scientifically.

### Milk Crew Cows Browning

The mighty men of Dabney traveled out to Browning and as a result of the day's activities showed their virility by beating the Scripps gals in a crew race with their favorite beverage—milk. Starting for the winning team were Fred Steiner, ex of Dabney, COW Robinson and Don "Cheater" Royce.

Dave MacKenzie was reported to have reclined to a dark corner for an intellectual conversation with some wench. Gene Cook did considerably better this week (once before he chose Miss Butterball of 1947.) This last one at least resembled the normal female structure. Dick Alexander spent very little time at Browning but wandered over to Clark to do the necessary leg work for future social intercourse between Dabney and Scripps.

Of a different vein is the obvious frustration of Chuck Moody who wanted to name every new freshman "Numutz." Fred Wood now has the dubious honor of being Moody's offspring.

### The Blacker Campus Tour

Blacker was also bitten by the Scripps disease, having an exchange dinner with Dorsey last Thursday night. Knowing the dubious character of Blacker men, Prexy Marshall instructed the men at lunch to keep the girls in the lounge until at least 9 p.m. His conduct that evening was a shining example. Sir Warren the PURE took off immediately with a comely Russo-Argentinian to show her, quote THE CAMPUS. She is reported to have the typical Continental attitude. All veterans take note. She also is quoted to have stated that all Scripps girls are frustrated (with which I agree) and that she doubted that Warren would remain faithful to his wife.

### Muscles for P.C.C.

Not to be outdone by the other houses, the Fleming musclemen ceased flexing long enough to take a look at what P.C.C. had to offer in the way of femmes. It was a heyday for the Frosh as all the girls were about that age. Dusty Gunther seemed to be about the only upperclassman who struck paydirt. He won out over such old hands as Bob

was found pounding on the Dorsey door at midnight demanding that Frank Evans, who was being forcibly held in some girl's room be released immediately. Mitch Cotton forsook the theatre party Saturday night at the Playhouse for more elemental pleasures and was last seen struggling with his date toward the summit of Mt. Baldy. An added thought on the Scripps exchange (and confirming last week's report) the Mudd men, easily noted by their poor physique, came flocking in after dinner like a bunch of vultures over a garbage heap.

### Toll House Meets the Menagerie

Last Friday night the Ricketts Toll exchange was aptly staged, i.e., a menagerie. There was a striking resemblance between the decorations and certain of the Rowdies. I need mention no names. Chuck Forrester still seems to have hayseeds in his hair after suffering from it all last year. Everybody sympathizes with you, Chuck. Speaking of this same "character," it seems that a certain campus sec. kept him pretty busy while Ricketts was having a very successful dance last Friday night.

This same affair is reported to have been the best in the memories of most of the Rowdies. The Pomona game is going to be well represented by couples that met for the first time at this cozy affair. Bob Dalton, after dancing with several five-footers, finally ended up with the tallest girl on the floor and seemed very interested with same anatomical specimen. Stu Butler was still wandering around in a daze Sat. morning, wondering whether his girl was using artificial additions to her natural assets. He couldn't believe they were real (such long curly eyelashes, that is).

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Your Campus

by John Whittlesey
This week "Your Campus" moves off-campus in an attempt to impart some much-needed and very useful information.

Since it is the policy of this column to cover ALL the labs and activities around campus, it is fitting that this "lab" subject—upon which probably more hours of earnest effort are devoted per week than any other course—be treated here.

Hence, the following: A list, probably partly incomplete, of pertinent phone numbers, from U.C.L.A., S.C., Scripps, Pomona, and Oxy:

- SOUTHERN CAL: RI. 4111
Sororities: Alpha Chi Omega PR. 79387
Alpha Delta Pi PR. 69205
Alpha Epsilon Phi PR. 69390
Alpha Gamma Delta PR. 79373
Alpha Omicron Pi PR. 79127
Alpha Phi PR. 79708
Chi Omega PR. 79037
Delta Delta Delta PR. 79415
Delta Gamma PR. 79898
Delta Zeta PR. 79376
Gamma Phi Beta PR. 79842
Kappa Alpha Theta PR. 79389
Kappa Delta PR. 79981
Kappa Kappa Gamma PR. 79382
Phi Mu PR. 79216
Phi Sigma Sigma PR. 5748
Pi Beta Phi PR. 69501
Zeta Tau Alpha PR. 79406
Other Houses: Harris Plaza PR. 69238
Elizabeth von KleinSchmid Hall PR. 79529
Sequoia Hall PR. 79913
Willard Hall PR. 69033
Graduate House PR. 79428
Moreland Co-op PR. 79730
Nicholls House PR. 79445

- Women's Residence Hall PR. 79019
U.C.L.A.: Sororities: Alpha Chi Omega AR. 99145
Alpha Delta Pi AR. 99077
Alpha Epsilon Phi AR. 99152
Alpha Gamma Delta AR. 99067
Alpha Omicron Pi AR. 99179
Alpha Phi AR. 99124
Alpha Xi Delta AR. 99310
Chi Omega AR. 99205
Delta Gamma AR. 99109
Delta Delta Delta AR. 99292
Delta Zeta AR. 99346
Gamma Phi Beta AR. 99123
Kappa Alpha Theta AR. 99250
Kappa Delta AR. 99083
Kappa Kappa Gamma AR. 99024
Phi Mu AR. 99133
Phi Sigma Sigma AR. 99048
Pi Beta Phi AR. 99035
Sigma Kappa AR. 99147
Theta Phi Alpha AR. 99301
Theta Upsilon AR. 99060
Zeta Tau Alpha AR. 99186
Other Houses: Mira Hershey Hall AR. 99516
Hilgard Club (Co-op) AR. 99219
Mathewson Club (Co-op) AR. 99132
Twin Pines (Co-op) AR. 96517
Bannister Hall AR. 99177
Douglas Hall AR. 99031
POMONA COLLEGE—Office Claremont 7111
Harwood Hall Claremont 7611
Mudd Blaiszell Claremont 7711
SCRIPPS COLLEGE—Office Claremont 6161
Dorsey Hall Claremont 7501
Toll Hall Claremont 7511
Clark Hall Claremont 7521
Browning Hall Claremont 7531
Columbia House Claremont 7921
Office ALbany 1151
Orr Hall CLEVELAND 69524
Erdman Hall CL 69252
Haines CL 69422
La Casa CL 69166
Alpha Sorority CL 63334
Beta Phi Delta ALbany 4362
Delta Omicron Tau CL 76970
Gamma Kappa Theta CL 71329
Beta Tau Zeta CL 64221

College Training Offered By Navy

November 10th and December 13th are red-letter days for those who are interested in the Navy's new COLLEGE TRAINING PROGRAM.

December 13th is the date of the nation-wide competitive examination the Navy is holding to choose several thousand young men for this program. Nov. 10th is the deadline for all applications to be in the hands of the examining board.

To get an application in on time it should be mailed before that date to the Naval Examining Section in Princeton, N.J.

Commission

To each man selected, the Navy is offering a college education and commission as an officer in the U.S. Navy or U.S. Marine Corps. He may choose the field in which he would like a bachelor's degree and may also be able to go to the college or university of his choice.

Eligibility is limited to unmarried male citizens of the United States; but if you are interested (or know someone who would be interested) don't delay! Remember that the competitive examination will be given on December 13, 1947, but your application to take the examination must be received by the Naval Examining Section, Princeton, New Jersey, by November 10th.

POMONA COLLEGE

Office Claremont 7111
Harwood Hall Claremont 7611
Mudd Blaiszell Claremont 7711

SCRIPPS COLLEGE

Office Claremont 6161
Dorsey Hall Claremont 7501
Toll Hall Claremont 7511
Clark Hall Claremont 7521
Browning Hall Claremont 7531
Columbia House Claremont 7921



Harris and Hoganburger

Harris Happily Hauls Home Huge Hoganburger

Staid Fleming house had an unexpected visitation Saturday night. Among the accumulated multitude, some persons opined that the strange object most resembled one of familiar sedentary use; others reasoned that it was a new Frosh who had perhaps just registered.

Uncertainty was dispelled by the apparent possessor of the object, beaming Bill Harris. "You gaze," he explained, "with evident awe, upon the first Hoganburger ever taken into captivity."

Bill's Got It

And so it was. Harris had done the improbable—he had won the Hoganburger weight-guessing contest; his guess was the closest of the multitude of Hawthorne fans, but the general literacy of this audience should not detract too greatly from the victory.

"You really had to have it," proud Bill continued, "in order to guess the weight of this Hoganburger."

All agreed: Harris had it—now, what to do with it?

Frosh Interned

All day Sunday, calls of Frosh! Frosh! resounded through the house as ministering freshmen in medical regalia attended prostrate overlings with buckets and other containers.

As for the remainder of the Hoganburger, no one seems to know what happened to it.

It is rumored that the Pasadena Sanitation Commission is now tracking it down, however.

Kirkwood To Noyes Chemistry Professorship

The appointment of Dr. John G. Kirkwood, professor of chemistry at Cornell University, to the Arthur Amos Noyes Professorship of Chemistry at the California Institute of Technology was announced by Dr. Lee A. DuBridge, Caltech president.

Dr. Kirkwood is the first to be appointed to this professorship which was recently created by the Board of Trustees in honor of Dr. Noyes, first chairman of the Caltech division of chemistry.

An outstanding theoretical chemist, Dr. Kirkwood obtained his Bachelor of Science degree from Chicago University in 1926 and his doctorate from Massachusetts Institute of Technology in 1929.

Although figures on veteran enrollment are not yet available, it is expected that the percentage of G.I.'s will be somewhat lower than last year when more than 70 per cent of all students had been in the armed forces.

Hold Gathering
The Inter-Nations Association, comprising Caltech students from all 40 foreign lands and this country, held a get-acquainted party Oct. 4 at the Athenaeum.

Competition...
The California Tech views with alarm the birth of two rival sheets here on campus—the four-page "Biology News" and the "Y's Beaver."

Publication dates on these new entries are apparently largely indeterminate; weren't not worried.

47-48 Enrollment Slightly Lower Than Last Year

Pasadena, Oct. 5. — Students from 40 foreign lands are among the 1320 students who have completed registration at the California Institute of Technology for the 1947-48 school year.

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Countries in addition to the United States which were represented at the party by students included Cuba, India, Malaya, Iraq, Brazil, Turkey, Egypt, Palestine, Puerto Rico, France, Chi-

Hunter To Discuss European Aid Mon.

The Caltech YMCA World Peace Group will sponsor an informal discussion by Dr. Allan A. Hunter, author and well-known minister of the Mt. Hollywood Congregational Church.

The problem of immediate European Aid will be one of the topics which Dr. Hunter will discuss. The group will meet in the YMCA Lounge in Lower Dabney at 11 A.M., Monday, Oct. 27. All interested students are welcome.

Dr. Hunter will remain for further discussion during the noon hour and off-campus men are invited to bring their lunches and eat in the "Y" lounge.

This is the first of a series of meetings sponsored by the World Peace Group designed to promote international understanding and co-operation.

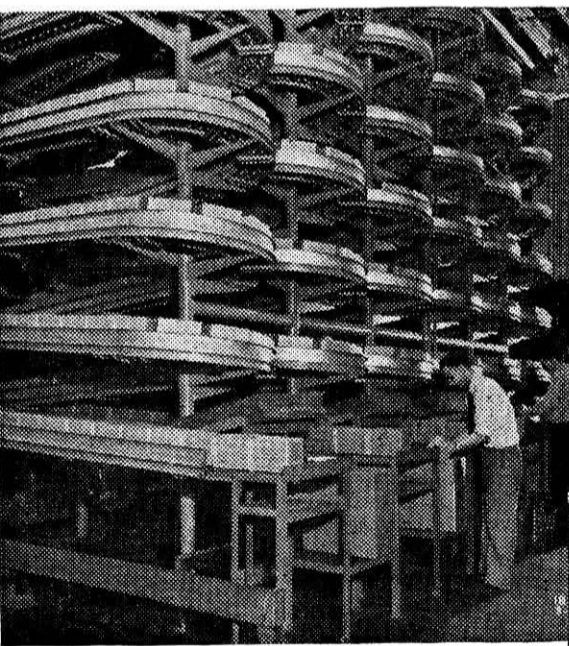
na, Canada, Austria, Norway, Belgium, Switzerland, Colombia, Lebanon, Hungary, Holland, England, Mexico, Italy, Australia, Sweden, Honduras, Wales, Argentina, Iran, Germany, Burma, Peru, Ireland, El Salvador, Siam, South Africa, Uruguay, Czechoslovakia and Yugoslavia.

WHEN YOU ARE HUNGRY WHEN YOU ARE THIRSTY OR WHEN YOU JUST NEED RELAXATION IT'S THE SKIP INN Beer - Plate Lunches 1352 E. WALNUT Open Till 2 A.M.

REMEMBER CAMPUS BARBER SHOP in Coffee Shop Building

CALTECH SPECIAL LAUNDRY AND DRY CLEANING Left at the CAMPUS BARBER SHOP IN THE COFFEE SHOP BLDG ON MONDAY WILL BE RETURNED ON FRIDAY REMEMBER Campus Barber Shop

News-worthy Notes for Engineers

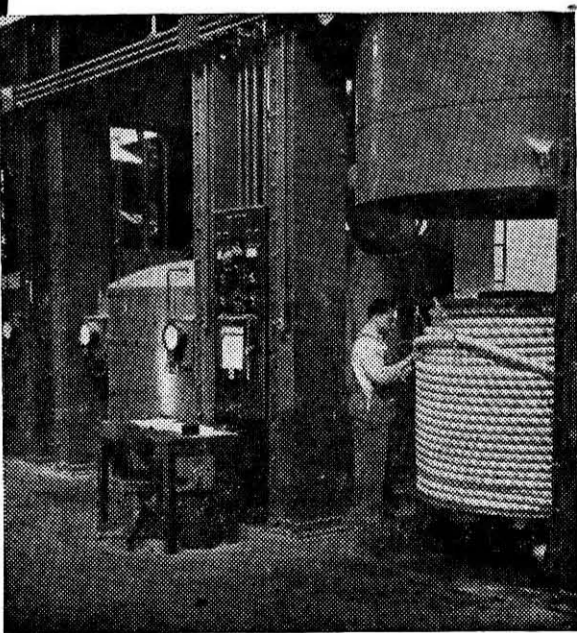


Speedway for new telephones

Here you see the "wind-up" of nearly two miles of overhead conveyor lines designed by Western Electric engineers for their vast new telephone-making shop in Chicago. As finished telephone sets near the end of the assembly and inspection line, an electronic selector unerringly sorts out six different types, directs each type down the right one of the six different chutes for packing and shipping. Not one second is wasted. This conveyor system is capable of handling 20,000 telephones per day.

Faster way to dry cable

Before getting its protective lead sheath, telephone cable must have every bit of moisture removed from pulp insulation and paper covering. To gain greater efficiency than the horizontal steam drying method, which used to take 24 hours, Western Electric engineers designed a battery of cylindrical vacuum ovens which are lowered over reels of cable. Electric current is then passed directly through the wires of the cable, heating it to 270°F. As much as 6 gallons of water is driven out of the insulation in just an hour and a half!



Engineering problems are many and varied at Western Electric, where manufacturing telephone and radio apparatus for the Bell System is the primary job. Engineers of many kinds—electrical, mechanical, industrial, chemical, metallurgical—are constantly working to devise and improve machines and processes for mass production of highest quality communications equipment.

Western Electric

A UNIT OF THE BELL SYSTEM SINCE 1882

NOTICE! JONKER'S FLORISTS

A new flower shop under the same management as the Raymond Florists You can walk to this new shop which is only three doors South of Lake & California St. to order

Corsages OR TO TELEGRAPH Flowers OPEN EVENINGS AND SUNDAYS TELEPHONE YOUR ORDERS SY. 3-7167

Clothes Psychology:

YOU ONLY FEEL AS GOOD AS YOU LOOK ORDER YOUR SUIT OR SPORT OUTFIT NOW

Tailors LTD.

LARGE SELECTION OF HABERDASHERY

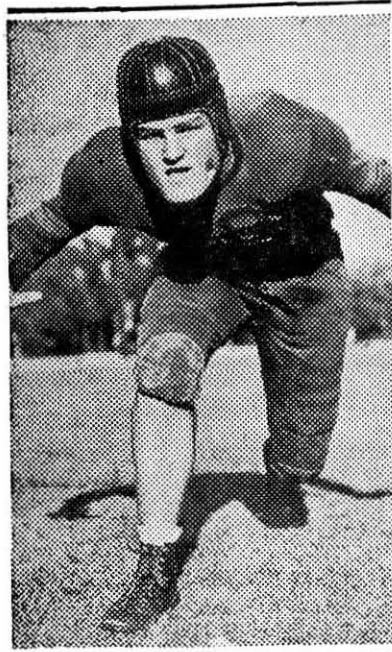
233 East Colorado St.

### Hickey Third In Foils Competition

Fighting in Prep foils competition for the first time, Mal Hickey won third place in a field of 20. The match, sponsored by the Amateur's Fencing League of America, was held at the Los Angeles Athletic Club last Friday, October 17.

#### Uses French Style

Employing the French style, Hickey outpointed his way through a round-robin comprised mainly of fencers using the Italian style, to become eligible for the final round of six men, only there to succumb to two more-experienced men. Col. Cherny, the Tech team's instructor, accompanied him. Next week-end Hickey will again compete in the Prep division.



BOB WALQUIST  
Cal Tech Tackle

### Income Keeps Institute Deficit Manageable--DuBridge

Income from \$4,777,000 in endowment gifts to the California Institute of Technology which have been made, or have matured, this past year enabled the Institute to keep its deficit for operations for last fiscal year to a manageable size, Dr. Lee A. DuBridge, Caltech president, reported.

Dr. DuBridge said that in addition to this amount the Institute had also received gifts earmarked for current operating expenses, specific research projects, scholarships and fellowships totaling \$295,712. These gifts are separate from those for endowment.

#### Endowment

Endowment gifts were as follows:

Bequest of John H. Eagle who left four-fifths of his residuary estate to the Institute, settlement of which is nearly completed, and which will yield approximately \$3,500,000.

Bequest of Henry M. Robinson of an endowment fund for work in Astrophysics amounting to \$488,000.

Bequest of Mrs. Louise E. Kerckhoff for a William G. and Louise E. Kerckhoff Endowment Fund for work in biology, \$400,000.

Bequest of Mrs. David Lindley Murray to found an educational and scholarship fund in honor of her husband, \$310,000.

Gift of Frederick Roeser to establish a loan scholarship and research fund, \$59,000.

### Preisler Named New Frosh Coach

Edward T. Preisler is Caltech's new Freshman football and basketball and varsity baseball coach.

Coach Preisler is a former San Diego State star athlete and comes to Caltech from Colton, where he coached at junior varsity sports. At San Diego State he was chosen the all-around athlete of the college for two years and earned varsity awards in football, basketball and baseball three straight years. He made all conference honors three years in baseball and one year in football and was a member of the San Diego State basketball team which won the NACBA title at Kansas City.

After his graduation from San Diego in 1941 he coached and taught at Carlsbad Union High School, leaving there to enter the Navy in 1943. While in the Navy as a gunnery officer in the armed guard he helped organize various leagues and tournaments while ashore in Nova Scotia, France and Italy. He also played on and helped manage the Navy Separation Center baseball and basketball teams at Terminal Island.

#### Other Gifts

Gift by Industrial Relations Counsellors of a fund collected from various industries to establish a Clarence J. Hicks Memorial Fellowship Fund in Industrial Relations, \$20,000.

Gifts for other than endowment were as follows:

A National Foundation for Infantile Paralysis grant of \$300, (Continued in Column Six)



OXY STALWART—Roy Baly, stellar Tiger guard, captains coach Roy Dennis' eleven this year.

### McCreery, Paul Join Sterling Takes Humanities Division War College Post

New members of the California Institute of Technology Humanities Division faculty for the coming year include Dr. Henry McCreery and Dr. Rodman Paul.

Dr. McCreery, who joined the faculty as assistant professor of history, comes here from Stanford where he obtained his doctorate degree and was a Rockefeller Fellow. He is a graduate of Princeton University and was on the staff of Roberts College in Turkey. He also studied in Munich and Paris.

#### Yale, Harvard

Dr. Paul, who comes here as associate professor of history, has been an instructor in history at Yale University for the past year. A graduate of Harvard, where he also obtained his doctorate degree, he was an instructor and tutor at that school from 1938 to 1940. He was assistant dean of Harvard College in 1937-38 and 1942-43. From 1943 to 1946 he served with the U.S. Navy.

His special field is American History, particularly California history and he has just published a book, "California Gold," dealing with that subject.

Dr. J. E. Wallace Sterling, Edward Harkness Professor of History and Government at the California Institute of Technology, has joined the resident faculty of the National War College at Washington, D.C., for the autumn semester, Dr. Lee A. DuBridge, Caltech president, announced. Dr. Sterling will be one of four or five civilian members of the resident faculty whom the government has selected from nationally known instructors in international affairs, Dr. DuBridge said.

Prior to going to Washington, Dr. Sterling spent two weeks at Dartmouth College attending a seminar on problems of U.S. foreign policy which was organized by the Brookings Institutions.

#### International Politics

The National War College, which was established last year, will give some 110 carefully chosen students an intensive course on international politics, economics and security. Ten or 12 of these students are from foreign service and the others highly qualified and experienced

### Occidental Report...

BY KEITH STILES  
Feature Editor, the "Occidental"  
Ex Staff Editor of the "Tech"

Ho, all you lovers of steam tunnels. Also, all you engineers that are struggling to make that old 1.9 business. Do you suffer from a loss of women? Do you rush for a front seat at those certain times a year? If so, then Oxy is the place for you. Land of much time, many women and little work, it's a paradise for you guys. Even I am getting by.

But tomorrow night our happy and otherwise pass will cross. And you'd better be pretty good. At least, I sincerely hope that Andy's beef trust will at least be able to turn their necks fast enough to watch us go by. But, of course, with guys like Muehlberger and Powell, there's so much to turn that trails so FAR out behind... Oh, well...

#### Bonfire Blues

If you have a fire left for tonight, that's too bad. We've failed, but not because we didn't try. When we have a bonfire, we don't have to employ all the works of modern science to protect same.

If something, by pure chance, of course should happen to it, well that would be tough. I went out to look at the old brush pile, but wasn't quite sly enough. Coach Musselman had me nailed, and immediately put out furious smoke signals from that famous Corona Corona. There was a captured before the darn thing rush, a crash, and here I am—even starts.

I can only hope that when you guys come over to Oxy that we can treat you half as well. Of, course, we'll be waiting, why don't you guys drop on over?

#### The Complete Dope

Upon Herzog's beating me with a big black hose, here's the dope on Oxy. They're mad—mad clear through, and figure that last year was just a fluke—so they will be out for blood.

And besides, they will be inspired. Reason—one-half of our student body is one heck of a lot more inspiring than one-half of yours. With that I'll slip out of the door before they see me.

#### Army and Navy personnel.

Except for the year 1939-40 when he did research in Canada as a Rockefeller Fellow, Dr. Sterling has been at Caltech since 1937. He came to the Institute from Stanford University, where he was a member of the research staff of the Hoover War Library.



BILL MUEHLBERGER  
Cal. Tech Half

### Frosh Sport Roundup

—By Jim Gillett

Though the Frosh grid squad lost a heart-breaker to the P.C.C. reserves in their opening game, they have a lot of spirit and are hoping to have a pretty fair season.

The coming contest with the Oxy Tigers tomorrow night will be one of the hardest the Frosh Engineers will undertake, and a victory for the Beavers would put them right out in front of the field.

Ed and Nevill, the coaches, have been putting on the pressure this week to get their men in top condition, and have been working more with the reserves. In the P.C.C. struggle, Techmen found themselves shortwinded and more tired than they should have been.

Too many of them were kept in beyond their endurance because the reserves weren't able to play the crucial second half. The emphasis has been on training calisthenics and fundamentals rather than on plays which were running smoothly for the most part Saturday.

#### Water, Dust

Olly Gardner, manager of the water polo team, says the Frosh have shown up well against the varsity in scrimmages so far. There are at least two outstanding players on the squad and all are above average.

A Freshman cross-country schedule has been posted in the clubhouse which closely follows the varsity schedule, will be published next week. Prospects for the squad look encouraging, according to reliable reports from varsity men.

The tennis, golf and skiing teams are still on the planning boards, but we'll have the word on them here next issue.

000 to be paid at the rate of \$60,000 annually for five years for research in fields of biology and biochemistry.

A Rockefeller Foundation grant for work in chemistry and biology, \$50,000.

Additional miscellaneous gifts for work in biology, \$45,362.

Gifts and grants from 13 different industrial corporations for fellowships and research projects totaling \$50,350.

### PASADENA BOWLING COURTS

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Rendezvous of Caltech Bowlers  
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More people are Smoking  
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CAMELS  
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# Beaver Sports

## Frosh Drop Close Contest To Pasadena C. C. Gridders

Junior Beavers Shine in First Game of Hopeful Football Season

### Frosh Football

The Caltech Frosh grid squad opened their five-game schedule last Saturday morning by losing

### Talkin' It Over

with The Goon

Hustlin' Hal and his three side-kicks from the Inner Sanctum—Big Jim, Happy Ed and "Don't believe everything you read in the Star-News" Anderson—left the Pentagon Building of Athletics to journey over to "Three-Button" Benny's sacred hall. Most of the lads who saw them thought that it was a talent search and promptly dove for the catacombs. However, the occasion was one of the few Athletic Council meetings that occasionally take place in order to determine how many football players we will buy for next season.

The Colonel and Dr. Swift were comparing the relative usefulness of a swagger stick and a beret; Dean Jones (I can't recall his new style) was dreaming of new tortures for the prospective Frosh; while the Hustler impartially flicked ashes from his famed Corona on Smiling Stan and McLean. Dr. Sorenson was slightly late due to an electrical difficulty in his car, but the meeting started off with the Colonel and the Dean battling it out for the chairmanship pro tem.

Discussion soon turned to the new Conference rulings. There will be an Official championship team picked for each major sport, legal Spring practices, and a few other technicalities. However, Tech had asked the league if it would be possible and legal to help some of the football players with room and board if they returned early for practice. This request was turned down and we were admonished not to allow "Professionalism" enter our honored walls. It was a shame, too. Some of my buddies out Whittier way had to keep their red convertible Cadillacs in the garage till this incident blew over. Some of the Sagehens had to hide their chicken feed for a while. It was finally decided to find soft jobs for the pigskinners returning early.

Got the first look at the new Basketball schedule. Looks fine. We've been asked to play in a new tournament this year in the Redlands orange groves. It seems as if just about every college is throwing an invitational tourney, so it will be sure of getting a bid. The Engineers are going out for a trophy.

Good news for all the golfers that have been mowing the lawns around the student houses. We are making arrangements for the divot diggers to get passes to Brookside for a bargain price. If you are interested drop in and see Miriam some time. In fact, even if you're not interested in golf, drop in and see Miriam.

The fencers were asking for a place to stab each other, and it was decided that they would use the new gym (as soon as it was constructed) along with numerous other squads that need a roof over their heads.

The rest of the business had to do with money, so the "kids" were asked to leave. Still haven't been able to find out if they've upped Wozniak's salary.

a close, hard-fought battle to the P.C.C. Reserves, 19 to 12. Surprising everyone, even themselves, the yearlings came from behind twice to tie up the ball game, only to lose the contest with one minute left to play on a 39-yard run to paydirt by P.C.C. End Frank Martin.

Except for opening-minute "jitters," the Freshman showed spectators they not only had a fighting backfield, but also a hard-charging line.

### Bulldogs Score First

The first touchdown of the game came shortly after the opening whistle blew, when Larry Smith of the Bulldogs snagged a 10-yard pass on the Tech 28 and galloped to remaining distance for six points. The conversion try was wide.

Dean Blanchard, Frosh full-back, returned the P.C.C. kickoff 8 yards to the Tech 28, and after two running plays, Luscombe plunged through left tackle for a first down on the 40. Two plays later Luscombe gained a first down through right tackle to the Bulldog 46. After three plays, Walt Pfeffer, Beaver blocking back, punted out of bounds to the 18. On Pasadena's fourth down, 270-pound Tackle Art Miller blocked an attempted punt and recovered on the 12. A lateral from Pfeffer to John Moss carried the ball to the 2, and Luscombe lugged the pigskin across the goal the next play to tie the score. Dean Daily's kick was no good.

### Frosh Caught Off Guard

Following Pfeffer's kick to the Pasadena 32, a tricky quarterback sneak caught the Preisler boys off-guard and gave the Bulldog eleven a first down on the Beaver 44.

Losses due to hard tackles by John Lewis and Pfeffer forced P.C.C. to punt, giving the Frosh the ball on the Tech 29.

Jim La Fleur, Tech fullback, waltzed through right tackle for an 11-yard gain, after Walt Pfeffer made three yards, for a first down. The charging Bulldog line held, however, and P.C.C. took the ball after a 33-yard punt by La Fleur.

(Continued on Page 6)

## Dabney Flashes To Win Over Browning Milkmaids

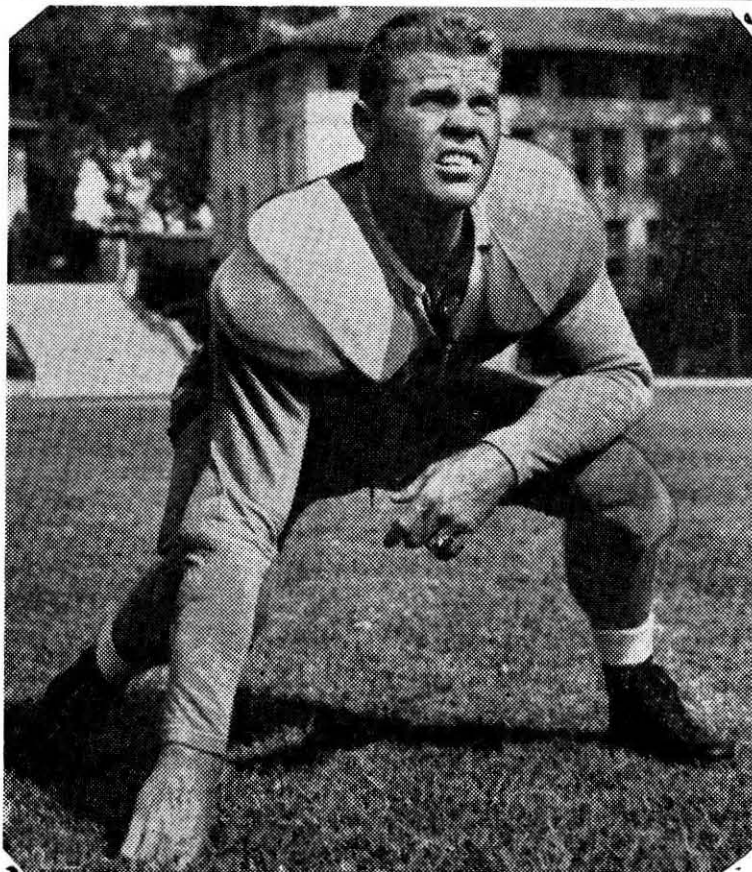
The long-postponed Dabney-Scripps milk drinking crew race, held Friday night on the Browning Hall patio, showed the ten-man team from Dabney in rare form as they gulped down an impressive win over the be-bibbed girls from Browning.

Though the girls were in excellent shapes and had practiced faithfully, they were no match for the experienced gullets of the Tech milk drinkers, who were strongly supported by their seven piece German beerhall-type band. These fugitives from Petrillo filled the sacrosanct Scripps air with a volume of noise hitherto unknown on that staid and cultured campus as they tosed off polkas and marches in unabashed profusion.

### Perpetual Trophy

The Browning girls proved excellent hostesses, however, even under these trying conditions, as they presented Paul Fullerton with an embossed Milk Mug Perpetual Trophy as a tangible symbol of Dabney supremacy. Anne Davis made the presentation for

## SKIN TIGERS



PROMISES TROUBLE—Al Fain, Oxy guard, will be a tough man to keep out of the Bevo backfield when the Tigers and Engineers clash tomorrow night.

## Traditional Rivals Promise Tough Going For Tech Varsity

### Tigers Favored To Cop Important Tilt Though Some Regulars Are Doubtful

Beaverbabes, Tigercubs Clash In Prelim; Occidentals Given Nod In This One Too

The "Battle of the Year," the grid tussle between the Engineers of California Tech and the Tigers of Oxy, will rip the turf of the Rose Bowl tomorrow night at eight, preceded by the lesser skirmish of the Bevoabes and the little Tigers at 5:45.

That old Tech spirit will be fired up tonight with the annual bonfire and pajamarino. To climax the rally will be the lighting of Tech's giant blaze. On top of the pile of boxes, a symbolic out-house, secured by the Frosh through underhanded methods, will represent Oxy.

Following the firelighting and snake dancing will come the Pajamarino march through downtown Pasadena. There'll be plenty

of gay and gaudy P.J.'s, but rumor has it Bud Mittenthal's spectacular creation will top them all.

Victory Last Year  
More important is who is go-

STARTING LINEUP		
CALTECH	REL	OCCIDENTAL
74	REL	48
HIBBARD		Bevin
83	RTL	54
BASS		Cooper
79	RGL	36
MARKS		Baly
80	C	46
GERPHEIDE		Coots
68	LGR	52
DAHM		Fain
76	LTR	51
LONG		Stinstrom
61	LER	45
MARSHALL		Pearson
81	Q	20
STRAUSS		Ross
56	RHL	29
BAKER		Trump
77	LHR	21
WOZNIAK		Sanders
75	F	22
McLEAN		Tasey



GLENN CHAFFEE  
Cal Tech Half

## Throop Takes Lead As Interhouse Baseball Goes Into Final Weeks

Horsehiders Whip Into Shape as Final Games Approach; Throop Leads Dabney, Fleming

With the last games coming up, the interhouse baseball league finds the men from Throop out in front by virtue of wins over Dabney and Fleming, which hold second and third positions respectively.

Ricketts and Blacker trail in this short season.

The opening game found the pitching of Throop too much for the Dabney men, as they succumbed, 10-3. Inexperienced and loose fielding told the tale of defeat, as the Throopers showed their superiority by executing a fast double play, a rare feat in this league.

Throop Dumps Big Red Fleming trounced Blacker, 8-2, and Dabney edged Ricketts in the next games. Then the Big Red from Fleming ran into the Throop machine, and came out on the short end of a 5-3 score. Again it was too much pitching for Throop's opposition.

Blacker played Ricketts in the first game of the second week, and a slug-walkfest saw Blacker tally nine times in the first inning, only to have Ricketts match the score in their half of the inning. The game was called at the tie mark, with the bases bulging with Rowdies.

### Dabney Wins

Tuesday found the Big Red meeting the Big Green, with the Dabney men emerging victorious by a 7-4 score. It was Fleming errors and mental miscues which game the Green a 7-0 lead, which was too much for the Big Red to overcome.

The final games pit Throop against not-too-potent Blacker and Ricketts teams, while Fleming and Dabney tackle Blacker and Ricketts respectively.

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## Frosh Sophomore Dance On Nov. 7

On Friday, Nov. 7, the Frosh and Sophs will forgive and forget by removing the effects of the Mudeo with a sport dance. This affair is to be held at the Pasadena Athletic Club from 9 to 1.

### Herb Adkins to Play

The band of the evening will be Herb Adkins'. Eight pieces and a vocalist will provide smooth entertainment for the evening, built around a tenor section of three saxes and three clarinets alternately.

### Dance Engineered by Joint Committee

The dance, demanded by tradition, will be financed by the class unfortunate in the Mudeo. However, the arrangements are under the management of a joint committee of seven each of Frosh and Sophs.

## OXY DELEGATION

(Continued from Page 1)

houses, where they were wined, dined, and slept, and were the subject of some awe among the Frosh.

Twenty-three of the visitors chose to remain and enjoy the persuasive Tech hospitality; however, when it was learned that the dear house mothers at Oxy held bed checks and the delegation was in danger of losing its golden slippers, Tech hosts sent them bundling back home.

It is unreliably reported that one Techman, at least, was so overcome by hospitality that he paid a reciprocal visit to Oxy on the same evening, from whence some wit has developed an equation, to-wit: One Techman is equivalent to 23 Oxymen. Friday's game will give needed experimental data on this.

## Wanted...

Men to serve on the ASCIT Publicity Committee. Positions open for two (2) Assistant Publicity Managers and two or three committee members. Newspaper writing experience is desirable, but not necessary. What is wanted are reliable, eager Beavers to handle outside publicity on such events as sports, social affairs, etc. At least one freshman will be a member of the committee. Contact Bill Karzas in Blacker, or leave a note in the "K" box in Throop.

## FROSH GAME

(Continued from Page 5)

P.C.C.'s second touchdown followed a series of running plays to the Tech 7. The surprise play of the game occurred when "sleeper" Frank Martin received a pass in the end zone to score. George Suman, CIT line man, blocked the extra-point kick.

### Tech Scores Again

Shortly before the end of the first half, a P.C.C. fumble recovered by End George Terhune gave the Techmen the ball on the P.C.C. 20. Blanchard and Luscombe ran the ball in six plays to the five. From there Beaver Speed-man Moss trotted over the goal line on a lateral around right end. Pfeiffer's kick was blocked and the score was again tied as the first half ended.

Tech opened the second half with the ball on their 23 after a 17-yard runback by Moss. Following a fumble in attempting to punt the ball by La Fleur, Ronald Berner, Frosh tackle, recovered a P.C.C. backfield fumble on the Tech 20.

### Shown Signs of Offense

The Frosh began to show signs of an offense as Pfeiffer passed over center to Noel Reed for 9 yards, and La Fleur drove through right tackle for a first down on the Tech 35. A kick on fourth down was fumbled by the reserves on their 25 and the ball was retrieved by Jim Luscombe.

In four plays the Engineers could not gain a first down despite an 8-yard pass over center to Don Schmid.

### Bulldogs Rack up First Downs

After an exchange of punts the Bulldogs racked up four first downs, driving from the P.C.C.

Caltech	STATISTICS	Pasadena
6	First Downs	11
0	By rushing	11
0	By passing	0
88	Net yardage-rushing	182
17	Net yardage-passing	101
6	Pass attempts	8
2	Pass completions	5
105	Net yardage	283
0	Intercepter passes	0
7	Punts, number	2
35.7	Punt average	36
29.3	Kickoff return avg.	45
22	Yards punts returned	39
68	Yards kickoffs returned	37
1	Fumbles	7
15	Yards lost on penalties	20

37 to the Frosh 4 before a fumble in the backfield was recovered by Terhune on the 7. Pfeiffer was compelled to punt after a 5-yard penalty for too much time in the huddle placed the ball on the 2-yard line.

Two plays later Martin nabbed a short forward and twisted his way through the entire Tech backfield for the final touchdown. The kick was good, making the final score 19-12.

With less than 60 seconds of play left, Moss received the kick-

## OXY GAME

(Continued from Page 5)

McLean and Hibbard, who played such an inspired game last week and who helped make the victory in '46 will probably be on the starting line-up.

### Tigers Want Revenge

However, the Tigers, too, have a strong remembrance of the '46 mayhem and will be out for Beaver blood tomorrow night. Off their Whittier showing the Engineers have the stuff to win, but Coach "Andy" Anderson warns that Oxy has a top-rate grid squad. "They have an excellent passing attack and the club

off and ran the ball back 30 yards to the Tech 40. Luscombe gained a yard through right guard and as the gun went off, a pass from Moss to La Fleur fell incomplete to end the game.

has a lot of speed and ground power, too!"

The Beavers will go into the game as underdogs with a loss, a win, and a tie, while the Tigers hold one victory in three starts against tough elevens. The Tigers disposed of the Cal Aggies handily in their first outing, but have been mauled the last two week-ends by Santa Barbara and San Diego State Colleges. Several Oxy stalwarts were shaken up pretty badly in these encounters and are on the doubtful list for tomorrow's game.

The odds really don't mean too much, though, as Tech went into the annual class a year ago under similar circumstances and came out on top. The Beaver boys have the spirit and every Techman will be backing this fight to the limit.

## Frosh Expect Trouble

The Frosh game, too, will be tough according to coaches Ed Preisler and Nevill Long. Long, who has seen the Occidental Frosh squad play, admits the job of winning will not be an easy one, remarking that "Oxy is much better than the team that beat us Saturday. They have a lot on the ball, but we will go into the game better prepared than we were last week."

## Staff...

There are still plenty of openings on the staff of the California Tech for both qualified and inexperienced personnel.

If you are interested in working on the staff of Caltech's biggest paper, contact Len Herzog or Dick King in Dabney. If you're money mad, Bill Bradley, Business Manager, is the man to see.

## CAMPUS BREWINS

(Continued from Page 2)

Stokely, Bill Woods and Tom Stix, who, by the way, has remained faithful to the pledge of not dating anything under legal age.

Listed among the other victims were Don "Sweet, Old" Barrie, who got a nice greeting from the Pasadena police while acting in the capacity of chauffeur.

Bill Boutelle was also heard muttering in his beard about what he was going to do to a certain freshman.

It seems he spent three hours taking people home, especially one Dallas Peck, who operated in the back seat with thirty million named Nancy.

At this point space runs out so I'll save the rest for next week after we've tamed the Oxy Tiger.

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