

PEP  
RALLY  
TOMORROW

# CALIFORNIA TECH

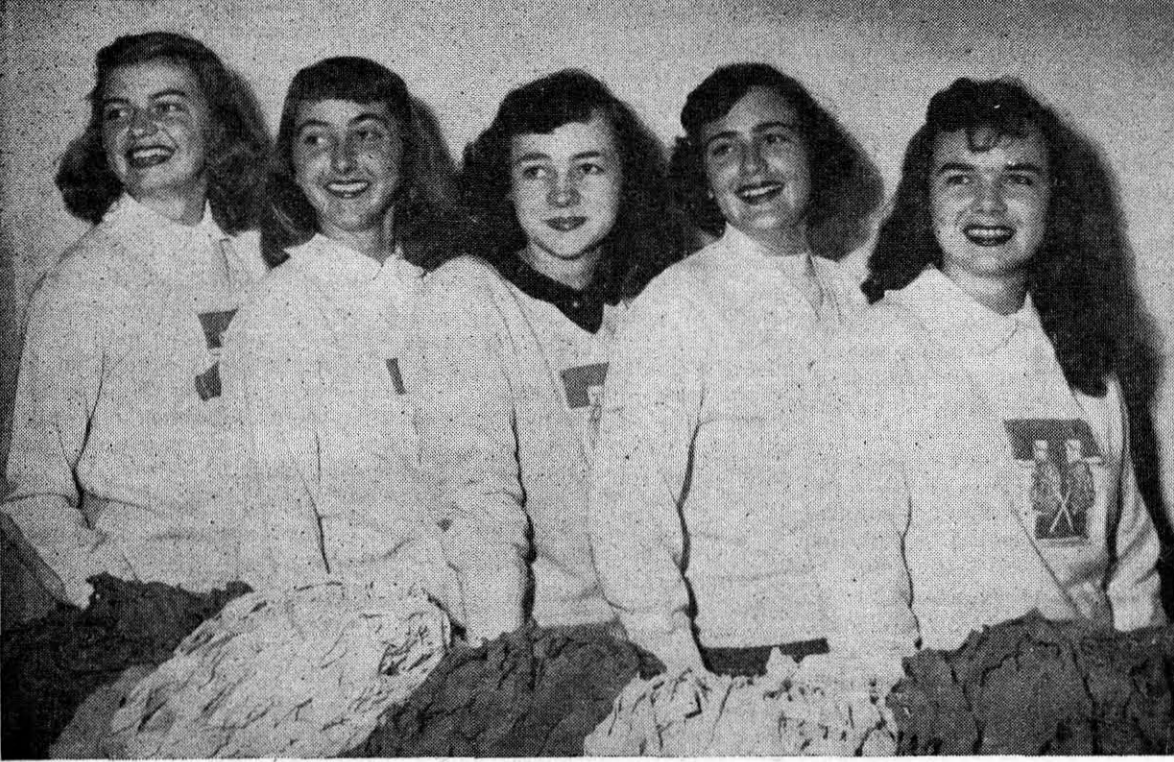
SACK  
THE  
SAGEHENS

California Institute of Technology  
Thursday, October 7, 1948

6870

No. 1

## NEW TECH ROOTERS



Left to Right: Ginger Graham, Alice Webster, Mary Krier, Billie Lowe, Rosemary Kuchenski.

## Institute Convocation Sees Five Honored For War Work

### Techmen Welcome 200 New Students At Camp Radford

About 200 new students were greeted by student body leaders and members of the Institute staff at the three day, "Y" sponsored, freshman camp held Sept. 24-26. The camp was held at Camp Radford in the mountains near Redlands and a good time was had by all despite very cold weather.

The purpose of the camp is to orient new students to the workings and traditions of Caltech and to provide opportunities to meet the faculty and student leaders. The camp began in 1921, when a group of students in the "Y" first organized it, and has been a great help to incoming students ever since.

#### Deans Welcome Students

The program began with welcoming addresses by Deans Foster Strong and Paul Eaton and by ASCIT prexy Stan Barnes.

Later, faculty members were introduced, and one of the high points of the day was Chester Stock's talk, "How to make friends with a hearing aid," given in his usual uproarious manner.

Included in the program were introductions to all phases of Caltech life by the appropriate wheels; recreation; and the frosh-faculty baseball game, won by the frosh.

#### Frosh Officers Announced

The concluding event was the announcement of frosh class officers for the first term: Dave Hanna, chairman; Bert Snider, vice-chairman; Bob Davis, secretary-treasurer; Jim La Fleur, athletic manager; and Jim Ross and Jack McEwing, Board of Control members.

### Kyropoulos To Talk At ASME Meeting

Of importance to all ME's will be the first meeting of the American Society of Mechanical Engineers, scheduled for Monday the 11th during the 11 o'clock period. The place is 206 ME.

The order of business will include a brief discussion of the term's activities and a short talk by Dr. Kyropoulos on "Mechanical Engineering Opportunities."

All Soph, Junior and Senior ME's are urged to attend and take an active part in planning the Student Branch program.

### Staff, Policy Changed For Health Fund

Considerable uncertainty ranges in the student mind regarding the number and extent of health fees paid last Registration Day. The skeptical Tech man is apt to regard any item not reducible to the terms of tensor calculus as an obvious gy. The following is an attempt to clear the air:

#### Various Fees

Each undergraduate pays a total of \$10 to cover health expenses. \$6 is needed for operation of the Health Center, at which treatments for minor injuries, colds, and slide rule fatigue are obtained. This leaves \$4 for the mysterious "Emergency Hospitalization Fund."

#### Fund's Origin

Early in the thirties it was recognized that an unexpected

(Continued on Page 6)

### Glee Club to Meet With Pro Director

The reorganization and first singing session of the Caltech Glee Club is scheduled for next Wednesday night at 9 o'clock. All men interested are cordially invited—in particular those men of the fair tenor quality are urged to attend.

The Glee Club this year will be under the leadership of a professional director. Watch the lower Throop bulletin board for announcement of place of meeting.

### Alumni To Give Job Talks; Better Placement Service

With bigger and better jobs for improved Techmen the goal, the Caltech Alumni Association's 1948-49 program will start the year rolling by introducing two new services to the money-minded student. A discussion series on job possibilities and problems, coupled with a new placement consultant service should give the Tech student ample opportunity to obtain a suitable job, either for a profession, or for the summer.

#### First Talk

On Wednesday, October 20, the placement discussion lectures will start with the relative merits of large and small industries as the topic. During the 13 weeks to follow, lectures will be given on all phases of job hunting, specialized industries, production, selling, and teaching, with the final seminar covering summer jobs. These lectures will include a 20 minute talk on the subject by a prominent businessman in

the field of the topic, followed by a period to be devoted to group discussion. The subjects and speakers will be announced in the California Tech one week prior to scheduled performance.

#### 35 Alumni

The new placement consultant program will bring a group of about 35 alumni, representing a very wide variety of job types, to the campus to be available for consultation on the students personal placement problems. These Alumni, well established in their fields, will cover all phases of industry, including manufacturing, research, teaching, specialized industries, law, salesmanship, and industrial relations. This program, not to be confused with the regular placement and interview program offered annually, should be in operation about November 15.

This program, designed to further aid the students in job matters, is in charge of an Alumni (Continued on Page 6)

### DuBridge, Mason, Pauling, Sage, Fowler Receive Highest Award

Major Gen. Robertson, Rear Adm. Bieri Present Medals 360th Army Band Entertain, Private Dinner Follows

Five members of the Institute faculty received recognition for outstanding work done in science and engineering during the war, last Monday afternoon in the garden of Dabney Hall of the Humanities.

In a convocation of the Caltech faculty, student body, members of the Board of Trustees, Associates and friends, Major General W. M. Robertson, USA, deputy Commanding Officer of the Sixth Army, and Rear Admiral Bernhard H. Bieri, USN, Commandant, Eleventh Naval District, presented the awards. The Medal for Merit, highest civilian award for outstanding contributions to the war effort, went to Dr. Lee A. DuBridge, Institute President; Dr. Max Mason, Research Associate; Dr. Linus Pauling, Chairman of the Division of Chemistry and Chemical Engineering and president-elect of the American Chemical Society; Dr. William A. Fowler, Professor of Physics; and Dr. Bruce H. Sage, Professor of Chemical Engineering. The ceremony was presided over by James R. Page, Chairman of the Caltech Board of Trustees, and Dr. DuBridge made the response for the recipients. Music for the occasion was by the 360th Army Band, McCornack General Hospital, Louis A. Denicoly, CWD, director.

#### Private Dinner Held

A private dinner honoring the five scientists, General Robertson, and Admiral Bieri was given at the Annandale Country Club by the Institute Board of (Continued on Page 3)

### "Y" Round Table Sets First Meet

A group of students interested in current events met together at the Y lounge last Wednesday in preparation for the first radio broadcast of the new Caltech "Y" Round Table. Topic for the first broadcast is "U.S. Foreign Policy on Germany."

This will be the first of a series of discussion-broadcasts over KPCC, arranged by the Y, for the purpose of stimulating interest in current events and world problems among the student body. These programs will be presented every other Wednesday evening starting October 13. The final discussion meeting for the first broadcast will be held in the Y lounge at 4:00, Wednesday, October 13. Future topics will be chosen by those attending the discussion meetings. Watch the California Tech and the Y Beaver for announcements of future discussion-meetings and broadcasts.

### Exchanges Introduce ASCIT Social Program For Term

The Caltech-Scripps exchange dance, held at Scripps last Friday night, was the first of three to be held this term, and also the first of a new ASCIT exchange dance program. Due to an Interhouse rule preventing house social activities during Frosh rotation, the Caltech social lions have had to curb temporarily their burning desires to meet the charming girls of neighboring schools.

In order to do something about this confining situation, Carl Price, ASCIT social chairman, and his cohorts have undertaken to arrange exchanges with Scripps, Pomona, and Oxy. The first was held at Scripps last Friday night.

With Oxy Tomorrow This Friday night the exchange will be held with Oxy here at the houses. There will be girls from Haines, Orr, and Erdman Halls. The affair starts at 8:30 with record dancing in Throop, Fleming, and Blacker lounges; lounging in Ricketts and Dabney; and refreshments at Ricketts House and Throop Club. This Saturday night there will be an exchange at Pomona in Mudd-Blaisden Halls. In order for these exchanges to be successful, it is desirable to have a one to one boy-girl ratio, so everyone who plans to attend is asked to sign the lists posted in the houses and Throop club. If you do not sign up you are requested not to attend the affair, and it is felt that this is a fair way to insure everyone a chance to get acquainted. These exchanges are open to all members of the ASCIT, and it is hoped that they will be well attended. It's a swell way to meet a lot of nice girls.

Two Years This year the United States returns to its regular quota of 32 Rhodes scholarships, instead of 48 as in 1946 and 1947. Each scholarship is for two years at Oxford University, with a stipend of five hundred pounds (about \$2,000) a year. Veterans who are eligible may receive all benefits under Public Law 346 in addition.

To be eligible for a regular scholarship a candidate must be an American citizen, unmarried, and between the ages of nineteen and twenty-five. Candidates for War Service Scholarships must have completed one year either in the armed forces or in civilian war work; they may be married and up to thirty-four years old. Selection will be by state and district committees on the basis of literary and scholastic ability, moral character, leadership instincts, and physical vigor as shown by interest in 49, open to all students who are (Continued on Page 4)

#### First ASCIT Dance

This term's ASCIT date dance will be held Saturday, October 23, from 9 to 12 at the Oakmont Country Club. It will feature Carroll Wax's band, and admission will be by student body card. The theme is still being worked on, and details are to be announced next week.

### Big Pep Rally Tomorrow With Band, Song Leaders

Present New Songleaders, Greatly Enlarged Band; Anderson to Prognosticate on Team Prospects

A gigantic pep rally, heralding the opening of conference football play with Pomona Saturday, will be held tomorrow behind the Optics Lab. It will feature music by the new, larger Caltech band, performing for the first time this term; cheers led by the yell leaders; a few words from Coach Andy Anderson about the team; and songs directed by the new song leaders.

#### Band to March

At 11:00 the band will march from the steps of Throop to the space behind the Optics Lab. Here the Institututors, Caltech's new service organization, will have erected platforms for the occasion.

#### New Song Leaders to Perform

The rally will present this year's song leaders for the first time. They are: Ginger Graham, a John Muir grad, who returns from last year's leaders; Alice Webster, Billie Lowe, and Rosemary Kuchenski, P.C.C. juniors; Marge Mason, a graduate of P.C.C.; and Mary Krier, John Muir sophomore, as alternate.

The game at Pomona Saturday afternoon will be followed by an ASCIT exchange dance at Mudd-Blaisdell Hall at 8:30.

### Stag Set As First Blacker Amusement

In keeping with inimitable Blacker social tradition, a full calendar for the term's weekend pleasantries has been planned and decided upon.

The season will begin with the annual Stag sponsored by the Sophs of the House. To make further acquaintances with the fairer sex, two Exchange Dinners with Oxy precede the Ascit affair, followed by an Open House after the Oxy game, a Theater Party, and a Bowling Party. Closing out the term is Blacker's biggest event, the Christmas Dinner Formal. This year the dinner will be preceded by an innovation anticipated by all—a co-ed Decoration Party.

### Campus Calendar

THURSDAY, OCTOBER 7—12:15 Throop Club meeting. 7:30 Dancing Class, Culbertson. FRIDAY, OCTOBER 8—11:00 Pep Rally, Culbertson. 8:30 Exchange Dance with Occidental here. SATURDAY, OCTOBER 9—2:15 Football: C.I.T. vs. Pomona at Pomona. 8:30 Exchange Dance at Pomona. MONDAY, OCTOBER 11—11:00 Sophomore Class meeting in 201 Bridge. Interhouse Basketball Blacker vs. Ricketts. TUESDAY, OCTOBER 12—4:00 Interhouse Basketball Dabney vs. Throop. 7:30 Band practice, Culbertson. WEDNESDAY, OCTOBER 13—4:00 Interhouse Basketball Ricketts vs. Fleming. 7:30 Orchestra practice, Culbertson. 7:30 Fencing Class, Dabney House Dining Room. 9:00 Glee Club Practice, see bulletin board for place.

### Auto Repair Spot Near Student Shop Now Open For Use

An area behind the student shop has recently been set aside for the express purpose of auto repairing. The area is located north of the student shop between the driveway and the tree opposite. Repairing in any other area is prohibited.

#### Precautions

Any amount of repair work may be undertaken, but for a job requiring more than a day's work the owner must sign up beforehand with Ollie Gardner, 33 Ricketts. Users of the space must exercise precaution with inflammables. No oily rags are to be left in the area, and other refuse is to be deposited in the containers provided for that purpose. It is required that the area be kept clean, and that a minimum of oil be spilled.

#### No Connection

The repair area has no connection with the student shop. Consequently no tools are to be taken from the shop for repairing cars.

It is hoped that all concerned will cooperate in maintaining this area.

### "Tomorrow" Opens Short Story Contest

A college writers' short story contest has been announced by Tomorrow Magazine, open to all undergraduate college students in the United States. First prize is \$500, second prize is \$250. Manuscripts should not exceed 5,000 words, and the editors say all entries will be judged solely on the basis of literary merit.

#### Judges

Closing date of the contest is December 31, 1948. The board of judges will consist of the editors of Tomorrow Magazine and the editors of Creative Age Press. The writer's name, address, and college must appear on manuscript and envelope; all entries must be accompanied by a stamped, self-addressed envelope. Further details can be obtained from Professor MacMinn of the English Department.

# The California Tech

Published every Thursday during the college year except during examinations and holiday periods.

**CALIFORNIA INSTITUTE OF TECHNOLOGY**

1201 East California Street, Pasadena, Calif.

Subscription rates \$1.50 per year

Entered as second-class matter Nov. 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

Offices: Lower Fleming

Telephone: SYcamore 6-7121 Ext. 180

Distributor of Collegiate Digest

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## EPIHEMERAE

By now all you new freshmen have some idea about this school. You could probably make suggestions as to how the Institute could improve the courses. Of course the Dean's office is always on the lookout for constructive suggestions, but most likely any suggestions you would have to make would not be considered constructive. If you do come forth with a sudden shining thought, why not take it to one of the Deans? They are always glad to explain to you why your idea will not work.

### Active Alumni

By glancing through this issue of the paper you will be able to see several stories about the Alumni Association. This paper is not indulging in back scratching as some of you might think. But we do feel that since most of the students here will sooner or later become alumni, the activities of the alumni association should be of interest to them.

We feel that it is definitely about time someone made an effort to build a gymnasium on campus. In the Goon's column this week you can see mention of the fact that our basketball team has no wood floors to practice on. This is, to say the least, a deplorable state of affairs. The alumni have come forward where no one else has dared to. The alumni association looks forward to a gymnasium as a very definite possibility within five years.

The other things that the alumni are doing for the students are mentioned in the story on the front page. Read that article. You will find that the projects the alumni have taken upon themselves will be of great aid to you if you will only take advantage of them.

### Interesting Item

We received a rather interesting item from Olivet College this week. The students at this college are engaged in a full scale revolt. The item will be reprinted here as it was received. In our opinion it serves better than anything else we have ever seen to point out the advantages of the close faculty-student cooperation which exists on the Caltech campus. A situation such as is described below would never happen here. Any such incidents would be worked out by the faculty-student relations board before they became of such

## CAMPUS BREWINS

After a dull summer with nothing to write about except Robert Mitchum and Ukelele-Face Saltman dilly-dallying at Hollywood and San Clemente, respectively, it was real refreshing to hit Claremont last Friday for an evening with sweet, pure-minded, Suzie Scripps. Such charm! Such poise! Such snow! I'm tempted to note the behavior of some Tech youngsters out there, but it wouldn't be fair to soil the names of unsuspecting frosh before they've had time to recover from their first Physics Quiz.

Tomorrow's your chance, men! I understand Oxy has 67% less psychoses per hall.

### R. I. P.

Due to the loss of Rog Chambers and Bud Mittenthal to the ever-grinding mill and Frank Evans to matrimony, the noble campus service organization, the PBAA, may be hard-put to survive. It is said that Bill Wright is carrying on with appalling enthusiasm.

### Local Scoop

Sue reports a vast Quiet in the Northeast. A polite amount of fuss is being made over the frosh, but Bob Pilling and Dave Hogness are shackled, and for the rest of the Rowdies, hardly a gory summer exploit is to be heard.

Not the same with Fleming. Big Bass, not to be confused with his infant brother, has word of falling purity scores. The Great White Hope of Fleming seems to have fallen under evil influences while hitch-hiking here from Texas.

The big news from Dabney involves a big man—Fred Eimer seems to have usurped Dave Warren's spot. I'm surprised that such an experienced operator never seems to learn. Scripps! Schmipps!

### Alleged Hero

The new Dabney hero is George Berstrom—Forest Rangers gave him the third degree, *cum laude*. Seems he was hiking down Half-Dome in Yosemite National Park. A lone hiker behind him lost his grip, tumbled, and fell several thousand feet.

ments on campus because their addresses were denied to the student action committee. Furthermore the President has reserved the right to censor student publications or even to curtail them. He has threatened to expel all members of the Student Action Committee as well as those members of the faculty supporting an appeal for an impartial investigating committee.

Demonstrating students are making the following demands: That the administration request and permit an impartial educational agency to review the educational and administrative policies of Olivet College. A full and retroactive tenure system to be of paramount consideration. That Mr. and Mrs. T. Barton Akeley be reinstated. That their future status be determined by the impartial board.

## J. Paul Sheedy\* Switched to Wildroot Cream-Oil Because He Flunked The Finger Nail Test



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## THE FRONT BURNER

"Hell hath no fury like a woman scorned" and Medea, as portrayed by Judith Anderson, makes the fiery pits seem frigid.

Amid all the ranting, wailing, and breast-beating indulged in by the supporting cast of the production, Miss Anderson's performance stands out as being well modulated and unhammish.

The Greek tragedy by Euripides, translated by Robinson Jeffers might be considered as the sequel to the epic of the Argonauts' and Jason's search for the Golden Fleece.

In soap opera parlance: yesterday you learned that Jason deserted his foreign wife Medea, who had killed her brother and betrayed her father in order to help Jason bring back the Golden Fleece. Now, Jason, in search of greener pastures and possible political plums, has married the golden-haired daughter of the king of Corinth.

The king, rightfully (as you will hear later) fearing that the dark art of the sorceress Medea might injure his daughter, orders Medea and her two children, sired by Jason, out of the city by nightfall.

And now for today's episode: and his daughter by sending rent Junior who has a conflict in Dean Untereiner's Econ lecture. The little woman won't let him lose those golden words from the NAM—she's in there every Monday morning, taking notes!

Medea is about to kill the king them a magic golden robe and wreath which will burst into flames when worn. Very Sly of the old biddy.

Medea is not a noble tragic character like Hamlet, but a woman transformed from the heights of passion (the following and foregoing are liberal quotes from the program). Bereft of all the gentler emotions, she who was a proud princess in her own land, is forced to beg for mercy from the Greek king; she who was once Jason's wife, has been cast aside (I hate to say like an old shoe). Her one consuming passion is for revenge and for the destruction of her enemies.

Perhaps the most dramatic episode in the whole play is when Medea, torn between motherlove and her desire to take from Jason the only thing he cares for, kills their two sons and walks out to Jason extending her bloody hands.

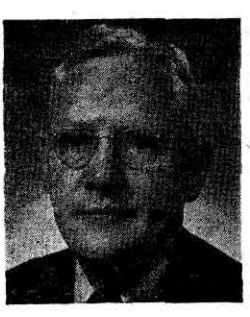
Competent performances were given by the nurse, king, and Jason's aide.

The staging was effective, particularly the effect of the day passing, achieved by darkening and lighting the sky backdrop.

For those who'd like their culture in entertaining, albeit morbid doses Medea is currently playing at the Biltmore, and will probably stage a one-night stand in Pasadena.

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## Caltech Students Welcome at Neighborhood Church



A Church of Liberal Religion  
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**SUNDAY WORSHIP 11 A.M.**  
**REV. CURTIS BEACH**  
 MINISTER

### Frosh Tea Dance Opens "Y" Activities For Coming Year

Prefacing another active year, the "Y"-sponsored Frosh Tea Dance, Saturday afternoon, proved a success as 150 Freshmen intermingled with girls from various local colleges and high schools.

Dabney Lounge and Gardens was the scene of the annual event. Dan Markoff deserves credit for his fine job of organizing the affair. Assisting him were Vern Edwards, Dave Warren, and John Fee.

A slide-rule seminar was conducted Monday evening by the

"Y" for Frosh who felt hazy on their slip-stick gymnastics. George Smith, Dabney Resident Associate lectured the two dozen Frosh present.

#### Journey

This week-end the "Y" cabinet will journey to nearby Fish Canyon for their annual Cabinet Retreat. The "Y" leaders, headed by Burt Housman, will plan and formulate the program and services that will be offered by the "Y" during the school year. The conference will begin tomorrow evening, and last until Sunday noon. Time out will be taken Saturday afternoon for the Pomona game.

Six new members have been added to the cabinet this term: Fred Drury, Ralph Stone, Ollie Gardner, John Lewis, Kent Stratton, an Joe Cain.

### Orchestra To Have Jones For Director

Campus musicians will be pleased to hear that Caltech's improved and expanded orchestra will be directed this year by Mr. Lauris Jones. Those who remember Mr. Jones' visit last May anticipate an outburst of enthusiasm such as was brought forth at that one meeting by his musical and organizational ability. In order to still further arouse a spirit of enthusiasm the first concert is planned for the end of the first term, with at least one per term thereafter.

All Caltech personnel — students, teachers, technicians, secretaries, laborers — who play a to come to rehearsals and help

create a real Tech orchestra. Rehearsals will be every Wednesday night, with the first meeting Wednesday evening, September 2, and 7:30 in Culbertson Hall. String players are urgently needed, especially a bass or two. The school is furnishing the latter instruments. Interested persons can obtain further information from Victor A. J. VanLint in Rickette.

#### Q S T

The Caltech Radio Club will hold a meeting Monday, October 11 at 7 p.m. in Throop Club lounge. Anyone interested in amateur radio, whether licensed or not, is invited to attend.

### Tech Chest Drive To Be Managed By Instituters

The Community Chest Drive, which started on Monday, has the Instituters, the newly formed Tech service organization, in charge of solicitation of undergraduate students. This year there will be no individual solicitations. All donations should be placed in the containers provided in the Student Houses. There will also be additional receptacles placed in Dabney and Throop.

The Drive, which will be completed on Friday October 8, has as its Pasadena goal the sum of \$512,000.

Last year, the Drive collected over \$2,000 from the Institute of which \$200 was collected from the Student Houses. Under the new collection system the amount contributed by undergraduate students is not expected to reach last year's total, but any sum approaching that figure will make the drive a success.

### AIEE Group Meets For Organization

A very important AIEE meeting will be held 11 a.m. Monday, October 11 in 206 Dabney. Business to be discussed will include plans for future field trips, with special emphasis placed on a Hoover Dam trip. Of special interest will be a brief talk by Clem Savant on his visit to the Spokane AIEE Convention. Present members and all EE's interested in joining are urged to attend.

### Christian Group Offers Bible Study, Evangelism Meets At Noontime

The Caltech Christian Fellowship invites all students who are interested in Bible study and other Christian activities to join in their meetings. This is a relatively new organization, but plans are made for a full schedule of interesting projects and guest speakers.

Open meetings are held in 251 W. Bridge, on Wednesday and Friday, from 12:20 til 12:55.

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How'd he know I was a frosh?

### INSTITUTE CONVOCATION

(Continued from Page 1)

Trustees following the convocation. Nine Caltech scientists have been awarded the Medal for Merit. Those who had previously received it are Dr. Theodore von Karman, Professor of Aeronautics, Director of the Daniel Guggenheim Laboratory, and Scientific Adviser to the U. S. Air Forces; Dr. Charles C. Lauritsen, Professor of Physics and director of the wartime rocket project at Caltech; Dr. H. P. Robertson, Professor of Mathematical Physics; and the late Dr. Richard Chace Tolman, member of the National Defense Research Committee and advisor to the government of atomic energy.

War work done by these men under the auspices of the Office of Scientific Research and Development covered the field of radar, rockets, underwater missiles, and anti-submarine warfare. Out of thousands of OSRD scientists, only 65 have been chosen

to receive the Medal for Merit.

Dr. DuBridge directed the wartime radar program as Director of the Radiation Laboratory at MIT. Dr. Mason was co-supervisor of work on the underwater properties of projectiles at Caltech and Morris Dam, collaborated on the mathematical theory in this research, and worked on anti-submarine detecting devices. Dr. Pauling worked on rockets, an oxygen meter for submarine and aircraft use, a synthetic blood plasma substitute, and other projects. Dr. Sage did much work in organizing and directing rocket research and production at Caltech, Eaton Canyon, and Inyokern. Dr. Fowler was assistant director of research for the Caltech rocket project, did NDRC work in the south and southwest Pacific, worked in establishing and supervising work at Inyokern, and toward the end of the war was associated with the atomic bomb project.

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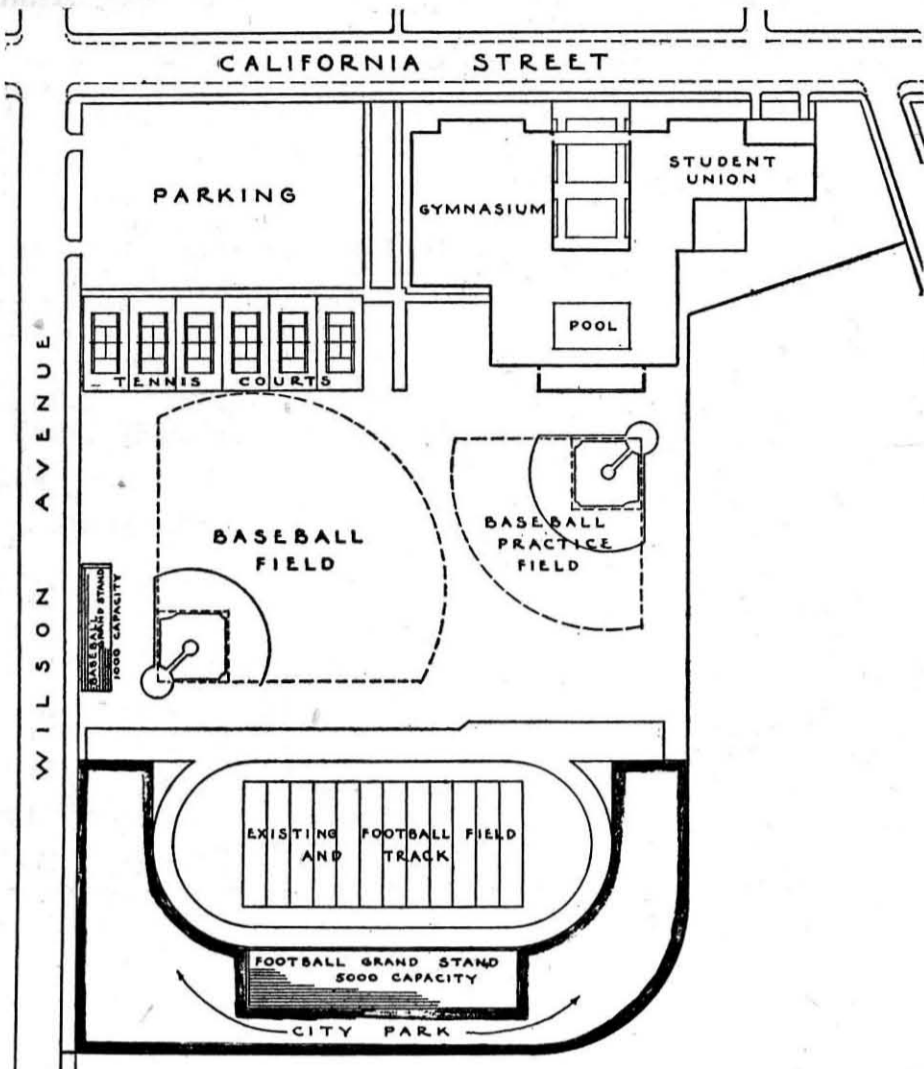
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PROPOSED OFF-CAMPUS CENTER



The plan for the extracurricular center which is to be built in Tournament Park. The Alumni Fund will make this plan a reality within a few years.

Schussing with the Shoose

The 1948-1949 winter sports season promises to be the most successful in the history of the Caltech Ski Club. Last season's record membership together with the enormous interest already shown this fall, especially by the new Freshman class, indicates that the Club will have even a greater membership this fall and in succeeding years.

Fall Activities

This fall the activities will get under way with an organizational meeting on next Tuesday, October 12. The meeting will be in 155 Arms, at 7:30 p.m. The highlight of the first meeting will be sound moving pictures obtained through Van Degripts in L.A. At another date quite near in the future there will be some more pictures, this time obtained through Union Pacific and Sun Valley.

Other Items

Together with the movies next Tuesday evening, various other

Alumni Magazine Gets New Editor

Edward Hutchings Jr. has taken over as Editor of the alumni magazine, "Engineering and Science", replacing Wes Bunnelle who is now attending Carnegie Tech.

Hutchings' arrival marks a new policy for the magazine. Although it will still be published by, and primarily for, the alumni, plans call for making it into a magazine that will represent more adequately the Institute as well.

Hutchings comes here from "Science Illustrated" where he served as Managing Editor and also Associate Editor. He has held similar executive editorial positions on other magazines for the past ten years.

Attention!

Junior Class Meeting  
Next Monday, October 11  
at 11 A.M. in 155 Arms  
Important—Be There!

CALIFORNIA PHARMACY  
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Special Student Rate before 6 P.M.  
except Saturday, Sunday, and Holidays  
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Cross Country Team Large

Bud Carroll, C.I.T.'s cross-country coach, predicts a fine season for crosscountry track this year. According to Bud, the varsity is shaping up pretty well, but the frosh team is so far running under a handicap. With only five men out, there isn't enough material to work with.

Frosh Needed

This year, it is more important than ever that C.I.T. has a good frosh team, for they are the defending champs.

Last year for the first time since the war, the frosh team won the championship. It's up to this year's frosh to keep it.

Varsity

The varsity crosscountry has a good chance this year with 22 men (of which 6 are returning lettermen) out.

Outstanding in the varsity lineup are Jack Marshall, co-captain of last year's team, Don Peterson, and Doug Brown, with able assistance from Mike Sellen, Dick Cornelius, and Larry Nobles. Coming up from last year's frosh squad are Bob Cobb and Walt Edwards with Fernando Corbato and Jared Abell.

New Men

In the frosh team this year, Bill Pilkington and Ron Connor are outstanding.

The first crosscountry meet takes place in less than two weeks. It is the beginning of the Interhouse meet.

(Continued on Page 6)

Alumni Fund For Gym Reaches One Third Of Goal

At last the new Caltech gymnasium, long a figment of the undergraduate imagination, is fast becoming a reality. Funds for the building of a Tech athletic field are now being received by the Caltech Alumni Fund, with nearly one-third the required amount for the gym already pledged, according to figures recently released.

Goal

The immediate goal of the fund, created to enable the alumni to aid the growth of the Institute, is to raise the \$250,000 necessary for the gymnasium, which is to be erected in the newly acquired Tournament Park.

Later Plans

Later plans call for further development of the park into an athletic and extracurricular center, leaving the main part of the institute for educational purposes. Also involved in the fu-

ture plans are tennis courts, two baseball fields, a student union, parking space, and a swimming pool.

Solicitation

The Alumni Fund Committee, headed by Joseph W. Lewis, has been soliciting funds for the past year, with \$80,000 already pledged, and \$18,000 of that now in the Institute's special coffers. However only about 10 percent of Tech alumni have made pledges, so that there is a large percentage which can still contribute to the success of the program.

Rezoning

Tournament Park was purchased from the city of Pasadena at a cost of \$280,000 by the Institute. As yet, however, there still remains the problem of having this park rezoned. The park is at present in zone R-1 and it is desired to have it changed to zone R-2, which is the same as

the present campus.

At a hearing before the Planning Commission Thursday, September 23, there was no opposition to the proposed rezoning. This is somewhat of a record for Caltech and it seems reasonable to assume that the Commission will recommend the change.

Encouraging

If the change is recommended it must then go to the Board of Directors for final action. The most encouraging feature of the entire Tournament Park project was the fact that a number of property owners adjacent to the park spoke up in favor of the Institute's plans.

RHODES SCHOLARSHIP

(Continued from Page 1)

athletics or other outdoor activities. Some definite quality of distinction is the most important requirement for a Rhodes Scholarship.

Applications

Students may apply from here or from the state in which they reside. Applications must be in the hands of State Committee Secretaries by October 30th. Scholars selected this year will enter Oxford in October, 1949. Rhodes Scholars have virtually unrestricted choice of a field of study from among the subjects taught at Oxford. Further information regarding applications can be obtained from Professor Judy in 307 Dabney.

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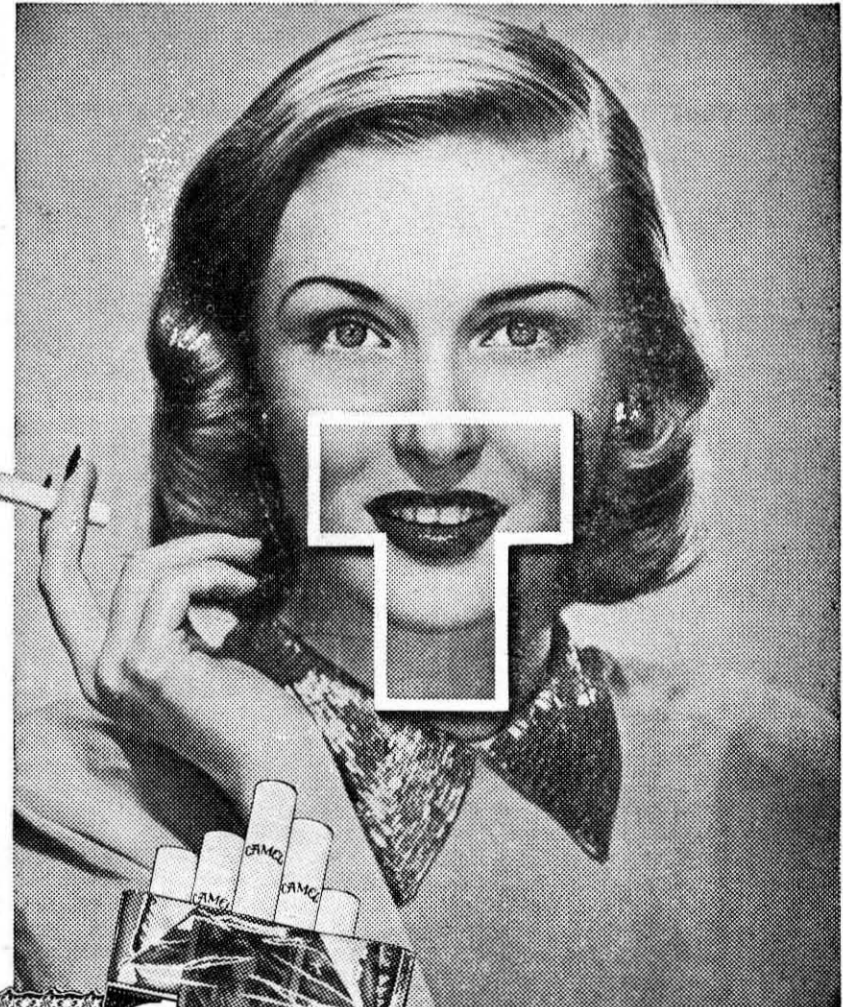
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Smoke Camels for 30 consecutive days. Smoke only Camels. If, at any time during these 30 days, you are not convinced that Camels are the mildest cigarette you have ever smoked, return the package with the unused Camels and we will refund your full purchase price, plus postage. This offer is good for 90 days from this date.

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# Beavers Face Pomona Gridders

## Talkin' It Over With The Goon

Dropped the old surf board back on the rack in the garage for another year and hit the Arroyo for the center of big league sports on the Pacific Coast—yes, men, I refer to the Mecca of the athletic world, Hustlin' Hal's Inner Sanctum.

### Smog

As usual the smog concentration in the "Brain Truster's" office was twice as high as any other spot in Pasadena. The grand old man of Tech sports and the Dean of the College of Physical Education was reclining behind his big desk, his feet propped comfortably on his trophy case, and smoking a 7c Roi Tan. Not a two for a nickle Corona-Corona, but an honest to John 7c Roi Tan.

### "Lure S"

Immediately I knew something big was up. But before I could utter a word, one of the most lovely creatures on campus threw her arms about my neck and embraced me tenderly. "About 197 pounds, 6' 5", little thin around the legs, but you'll make a great fullback," she cried. "Miriam," I replied, "put away that football uniform. It's your old pal and lover, the Goon." Small talk followed while she removed the bear trap which had clutched my leg as I had stepped into the office. It turned out that Andy was spending so much time on the field that he couldn't set up his weighing and measure-

(Continued on Page 6)

## Tech Drops Opener To Cal Poly

Coach Mason Anderson's eager beavers bit into a little more than they could chew as they dropped their season opener 27-6 to the Cal Poly Mustangs, up at San Luis Obispo. Tech rooters numbered an even dozen fans.

### Mustang Score

The heavier, better-stocked Mustangs built up a 21-0 lead before the Engineers were able to poke over their lone tally, midway through the fourth quarter. The story is not told by the score alone, however, for at half-time the first downs were even at four each. The final count shows 13 first downs for Cal Poly against 10 for Caltech.

### Team Short

Coach Anderson, handicapped by the absence of such regulars as Bill Muehlberger who broke his leg in practice, Bob Walquist who has a broken finger, Chuck Norman who is recuperating from an appendectomy, and Dick Schuster who injured his shoulder, played as many men as possible; alternating offensive and defensive players.

Cal Poly scored three touchdowns on passes, with Vernon

(Continued on Page 6)

## CALTECH BARBERS

on California Near Lake

# Beaver Sports

## Soccer League Bowling Set To Be Revived As IH Sport

With the enthusiastic co-operation of the Athletic Office and a group of interested students, soccer will resume its place as an active minor sport. Long played as one of the most active sports before the war, it was stopped during the war because of transportation difficulties.

### Intercollegiate

Negotiations are under way with Stanford, Cal., U.C.L.A., Loyola and other colleges for an action packed schedule. Old time opponents, the L. A. Soccer League, should furnish plenty of practice games. The Junior Colleges and prep schools will be lined up for the frosh.

### Minor Sport

There are a few experienced players on campus but the bulk of the team will be made up of men playing for the first time. All the privileges of a minor sport will be extended; letters, P. E. credit, transportation, money, and equipment. All those interested sign up on the lists in the houses and Throop. Watch the bulletin boards for practice times.

## Bowling Set As IH Sport

The second year of Caltech interhouse bowling will start Monday, October 11, at 4:15, at the Pasadena Bowling Courts. This first week will be a practice session, so bowlers may have a chance to locate unused muscles, and house and Throop Club managers a chance to get a line on their talent.

### Throop Loaded

At this time the top bowlers seem to be concentrated in Throop Club, the current trophy holder, and Ricketts house; but since the league is on a handicap basis, all houses will have a fair chance of winning. This league will also be the means of selecting the Tech "varsity" team to bowl in an intercollegiate league which is now in the process of forming.

The setup of the league will be the same as last year, with two four-man teams from each house. One day's P.E. credit will be given by the athletic department. Cost of bowling will be 85c, which includes a 10c pin-boy tip. This will be a guaranteed league, which means that the Pasadena Bowling Courts guarantees that alleys and pinsetters will be available to the league.

## Weakened Tech Team Still Packs Punch

The injury-riddled, but scrappy Beaver pigskinners take on a highly touted Pomona team this Saturday. Up at San Luis Obispo, Cal-Poly proved to be too big to handle, with the Engineers losing by a one-sided score of 27-6.

## Frosh Sports Roundup

By Leon Michælson

Once again the sounds of cracking bones, gnashing teeth, and body against body echo from the depths of Tournament Park. With a swirl of cleats, the Little Beaver football squad is turning out in full strength.

### Large Football Squad

Under the able eye of Coach Ed Preisler, 42 members of the class of '52 are pounding out a message that's apt to spell out a brilliant season for the young-uns. Again this year the inexperienced men outnumber the ones with previous football experience. In fact three out of four are new to the game.

A noticeable characteristic of the entire team is that of ultra-high spirits. If this spirit prevails throughout the remainder of the season in the high degree that it does now, the Frosh are going to be hard to beat.

### Backfield Promising

Along with the excellent turnout for the backfield comes the recognition of possibilities in kicking and passing. Above the pre-season customs of sore muscles and winded lungs is coming to light a show of speed and drive needed for a championship team.

With a pronounced emphasis on good blocking and tackling, the forward wall is developing into a mere masterpiece. Even in early scrimmages the line, under the coaching of Cliff Olson, is producing a drive and spirit unbeatable in any grid contest. Little Beaver foes are certain to get a lasting impression of a heavy line.

The Roundup has been informed that the policy of "everybody plays" is going to be upheld again this year, so there will be action aplenty in that opening game with Whittier on October 16th.

### Cross Country Men Needed

Bud Carrol, coach of the Frosh cross country team has problems. The Caltech Frosh team is the defending champion of the league—an honorable position, indeed. But... men are needed desperately. Although the five man out have that sparkle of good material about them, the need for more long distance men is great.

The gloomy football outlook became more gloomy as Tyson, Sereno, Dayman and Roomer left the field, side-lined with minor injuries. The loss of Tyson and Sereno decidedly weakens the already weak Engineer backfield. However, the forward wall, led by big "Tex" Bass, packs a lot of power and should give plenty of trouble for the Pomonans.

### Sagehens Strong

The Sagehens are highly regarded in Conference circles this year; pre-season predictions place them second to a Whittier powerhouse. Since ground against the Engineer line are unlikely, Poman will probably take to the air. Cal Poly found the air the best method for advance last Saturday. It was here that the most outstanding Beaver weakness showed up. Pass defense was poor and needs a lot of work and polishing up before the first conference game. While most of the boys who know do not predict a victory for Tech, they do promise a fine game. So come all and give the boys a lot of support. Game time 2:30, Saturday at Pomona.

Carson	LER	Hibbard
Long	LTR	Bass
Darms	LGR	Marks
Blom	C	
Funk	LHR	Dayman
Schofield	Q	
	F	Baker

## On Guard!

All Techmen interested in the noble art of fencing are urged to attend the opening meeting of the Caltech Fencing Class this Wednesday, October 13, at 7:30 p.m. in Dabney House Dining Room. In the past fencing has been confined to a handful of enthusiasts, but this year the prospect of intercollegiate competition is expected to attract more recruits.

Colonel Kearney, who has been teaching in New York during the summer, is going to instruct the squad again this year.

The Athletic Department has agreed to give P.E. credit for fencing this year.

Summarizing a pre-season forecast of the Little Beavers, it might be said that if spirit and interest means as much as it always has, the Frosh teams will enjoy a victorious season this year. From where we sit, it looks good.

## PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT		SPORTS STAFF	
	Coach Anderson	Hal Musselman	Goon Saltman	Thorne Butler
Pomona		Pomona	Caltech	Pomona
Caltech		1	2	7
Northwestern	Minnesota	Northwestern	Minnesota	Northwestern
Minnesota	1	7	12	6
California	California	California	California	California
Wisconsin	7	14	6	21
Oregon	Oregon	Oregon	Oregon	Oregon
Idaho	18	13	20	27
Michigan	Purdue	Michigan	Michigan	
Purdue	1	6	6	Tie

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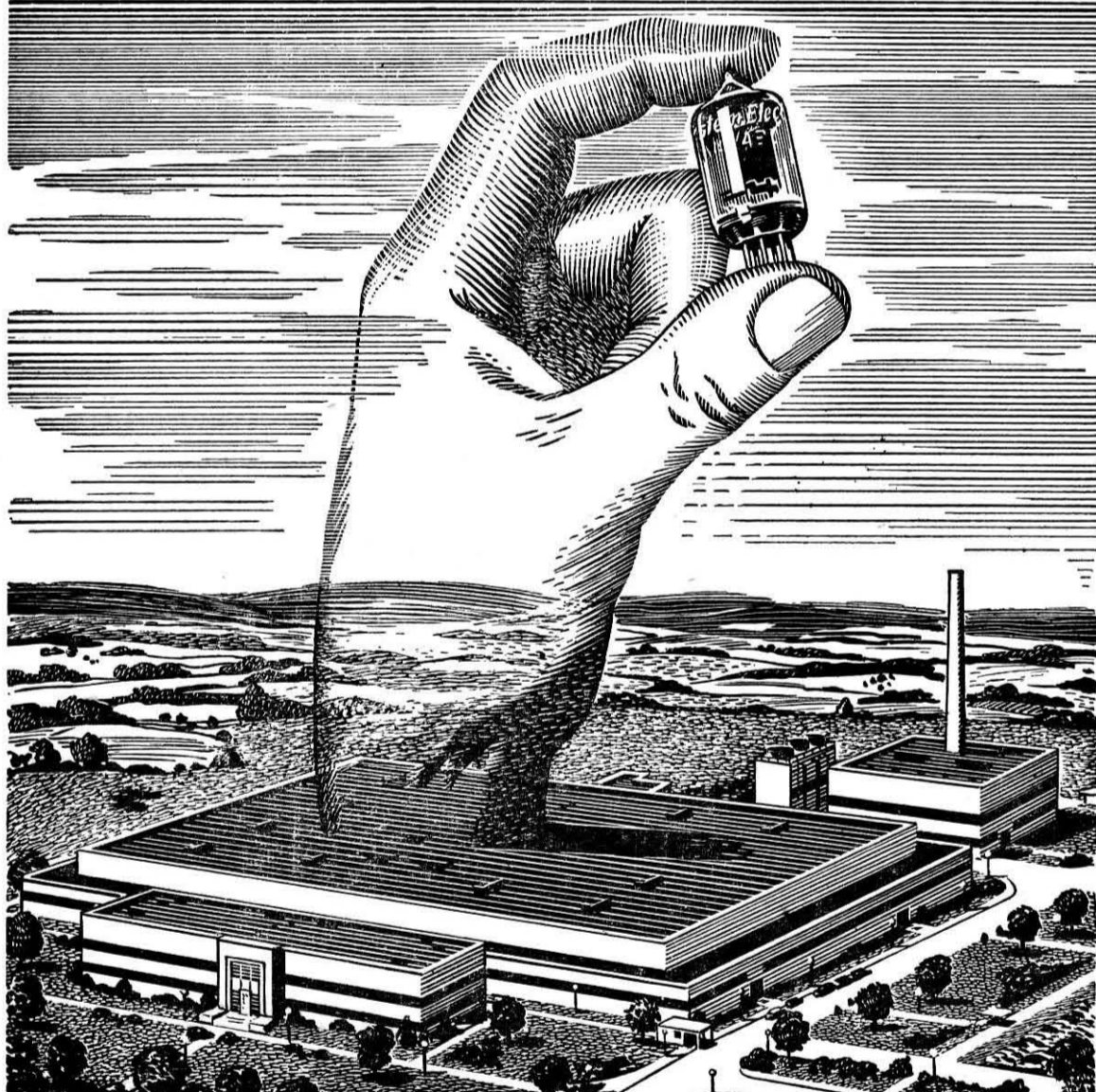
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## Throop Gambling House Fails As Ray Wins \$18,000

Ray Destabelle, a Throop Club pledge, ran a modest \$1,200 stake into a fat \$18,000 bank roll at the annual Throop Club stag Saturday night. The secret of his success was a chuck-a-luck game with odds fixed so that the house could not possibly win and a nolimit roulette game which paid a nice profit for pyramided bets on even numbers. Fortunately for the house, the dice game was too crowded to attract Ray's talents. Ray won a prize of a sack of pennies with which to start his own operation, but is still picking them up off the floor after a bad spill.

Along with gambling, the Throopers and prospective members saw three sports shorts, drank two kegs of cider, mangled 20 dozen doughnuts, and burned a couple of boxes of weeds disguised as cigars.

Throop Club membership has passed 150, highest mark since the war.

## Tech Resumes Guide Service

Caltech campus Guide Service was resumed October 4, and will operate as follows: At 11 a.m. and 3 p.m., Monday through Friday, and at 11 a.m., Saturday, there will be a Guide in the YMCA lounge downstairs in Dabney Hall of the Humanities. Special groups and groups of more than five persons should make arrangements through the Public Relations Office.

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The Community Chest



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Sizes 38-46

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of Pasadena  
SINCE 1880

## TALKIN' IT OVER

(Continued from Page 5)

ing stand on the steps of Throop and Miriam was filling in with a new routine that involved the use of that strategic new "Lure S" (or sex).

### Bitter Tears

The door to the Inner Sanctum was draped with black crepe, Mully's X-rays had just come through, and Andy and "Easy" Ed were rigging up electric prod to keep Art Miller running around. But as usual everything was in its usual state of affairs. "Come in, Paul," the Hustler beamed, "got great news for you. We don't have a place to play basketball this year so we're thinking about practice on the dirt courts." Which was like saying "out of the ice box, into the mud pits." In reality the outlook for the casaba kids was bleak. Smoot, last year's manager, had told the Commanding Officer of the Armory what he thought of Army Brass and the officer did not take too kindly to Smoot's little pearls of wisdom. When the Hustler tried to close the deal for the use of the hardwoods the Captain was non-cooperating and had a few kind words for Smoot.

### At Least Something

We have, however, a good chance to play double-headers with Oxy at the new PJC gym which should help to fill the athletic coffers of the Institute. Undoubtedly we will get some kind of a floor to practice on even if it is the floor of the athletic of-

## CROSS COUNTRY

(Continued from Page 4)

### Schedule

The crosscountry schedule for this year is as follows:

Tues., Oct. 19—Interhouse.  
Fri., Oct. 22—Interhouse.  
Fri., Oct. 29—Interhouse.  
Fri., Nov. 5—Open.  
Fri., Nov. 12—CIT at Whittier.  
Fri., Nov. 19—Redlands at CIT.  
Tues., Nov. 23—CIT at Whittier.

Sat., Dec. 4—Occidental Redlands at CIT.

Sat., Dec 11—Conference meet at CIT.

## STAFF, POLICY CHANGED

(Continued from Page 1)

medical expenditure, such as an appendectomy, could knock the wobbly financial pins from under a large number of students. At that time Drs. Borsook and Kremers instituted the Emergency Hospitalization Fund whereby

face.

### Our Boy

The Goon's Gold Glob of the Week goes to Don Hibbard, who played his usual sterling game of both offense and defense against the Polys. The kid was a bear-cat in breaking up their running attack and was picking up passes that would make the pro scouts sit up and take notice. Another fine game was turned in by Bob Funk who should see his best season this year and make it a great one.

Remember men, **Pound Pomon** this Saturday at the Sagehen's Nest.

each student paid a certain amount, and automatically became entitled to care in the event of a serious illness. Although the \$4 per year is an annoying contribution, the assurance of complete medical care provides a secure feeling especially comfortable when one is faced with heavy hospital expenses.

Happily there has never been a really serious call on EHF; else the fund which now amounts to about \$17 thousand would have been mortally wounded. The administrators are intent upon building EHF to a point where it will essentially take care of itself, and be able to withstand the shock of a heavy drain.

### Tightening Up Expected

Under the two-fold assault of rising hospital costs and increasing athletic accidents due to increased participation, the margin between outlay and income has been steadily falling. Because of this the administrators are dubious about applying costs of clearly preventable accidents or accidents occurring on vacation to the fund. Until now each case has been considered on its merits.

No immediate call has been made for an increased fee, although Dr. Kremers warns that the entry of Tech into Inter-Collegiate Skiing will surely necessitate an overhauling of the rates. All Athletic accidents fall under the domain of EHF, and as is well known, ski casualties are frequent and expensive.

## ALUMNI

(Continued from Page 1)

committee headed by Wm. Doug Sellers '25, Ruben F. Mettler '44, and Dr. Donald S. Clark. Also serving on the committee are Emmett M. Irwin '24, Harold C. Hill '11, Oliver W. Kilham '24, Mills S. Hodge '32, Dean Woolridge '36, Victor V. Veysey '36, Clayton C. LaVene '15, Hallan N. Marsh '22, and Dick Shuster, Bill Muehlberger, Chuck Forester, Dan King, and Dick King, seniors.

## SCHUSSING

(Continued from Page 4)

derway in a big way.

This is the first of a weekly series of articles concerned with the Caltech Ski Club, the largest and most active non-restrictive organization on the campus. All of the phases of the Ski Club mentioned here will be thoroughly discussed in future weeks.

One change is to be noted in EHF setup. The faithful patriarch of the Health Department, Dr. E. D. Kremers, is retiring this year. Although Dr. Kremers will continue to serve on the Student Health Committee, Dr. Gevurtz will undertake the direction of the Health Center and, with Dr. Borsook, administer the Emergency Health Fund. Dr. Gevurtz has made a survey of student health plans on the Pacific Coast, and reports that from the student standpoint, the health fees here are the lowest for any comparable plan.

## TECH DROPS

(Continued from Page 5)

Bebernes pitching two and Gene Seminario the third.

The Beaver score was set up by a screen pass play from Tyson to Bob Funk, who ran 57 yards to the Poly 14, midway through the fourth quarter. Bullet Bobby could have probably scored right there, but for the fact that he had played virtually the whole game at blocking back, and just plain ran out of steam. Four plays later, Tyson plunged over from the four yard line to score.

The passing combination of Tyson to Don Hibbard was good for 56 yards in 5 plays, as the glue-fingered Hibbard was all over the field. Tech's 160 pound plunging fullback Don Baker made 14 trips with the ball into the line, and found that above 40 more pounds would have helped the old MV. Standouts in the Tech Line were Manuel Bass and Dennis Long, veteran tackles who really opened and closed the holes. Tyson punted 9 times for a 34.1 yard average, and completed 6 out of 15 passes for 113 yards.

Lineups:	Caltech	Calpoly
Caf Poly	LE	Carson
Martinez	LT	Long
Heilman	LG	Darms
Cornelius	C	Blom
Fitzgerald	RG	Marks
Darling	RT	Bass
Samuels	RE	Hibbard
Winslow	G	Funk
Gomes	LH	Sereno
Bebernes	RH	Dayman
Jespersen	F	Baker
Phillips		
Score:		
Caltech	0 0 0 0 6	
Calpoly	7 7 6 27	

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