

Throop County Fair To Feature Hayseed Theme

1948 Big T Rates In Top Four In Nation-wide NSPA Judging

Award Praises Photography, Cover, End-Sheet Design; Private Party Honors Former Editor, Staff Members

This week the 1948 Big T was accorded the highest honor conferred by the National Scholastic Press Association.

Each year the National Scholastic Press Association criticizes and judges the publications of its members, and confers awards ranging from "Fourth Class" up to "All-American Honor Rating." Of the 34 yearbooks entered in the same class as the Big T, (Colleges of 500 to 1000 students), only four received this highest award.

Big T Hailed

The 1948 Big T was hailed by the students of Caltech as the best yearbook in the past decade, and indeed, the records of the Big T show that All-American rating has not been attained since 1933.

Accent

The Big T accented the completion of the Palomar Observatory, and featured many pictorial photographs of the installation and its equipment, as well as other items of interest to the student body. The N.S.P.A. accorded special praise to the photography, done chiefly by Ralph Lovberg, and termed it "very fine" and "excellent." Also receiving recognition as superior were the page layouts, the cover, and the skillful use of color and design in the end-sheets.

Festivity

The receipt of the award was the occasion of a small party for several important members of last year's staff. Tom Tracy, noted for other extra-curricular activities as well as for his editorship of the 1948 Big T, was host and guest of honor.

Glee Club Asks For Additional Songsters

The newly organized Caltech student glee club will meet next Wednesday night at 9:00 p.m. after the orchestra practice. At a meeting last night glee club members met their new director Mr. Lauris L. Jones, assistant director of the Pasadena Civic and also director of the Caltech orchestra. Prospects of loads of new music is assured by the granting of sufficient funds to provide for a large program. However, to meet the expanded need, more men are required, especially of those tenors who have any interest in group singing. Those interested should contact Victor Van Lint in Ricketts, or be sure to come to the meeting next Wednesday night.

Campus Calendar

- THURSDAY, OCTOBER 21—**
12:00 Y Upperclass Luncheon Club at training table.
12:15 Throop Club meeting.
4:00 Basketball, Ricketts vs. Blacker.
7:30 Dancing Class, Culbertson.
7:30 Geology Club, 155 Arms.
FRIDAY, OCTOBER 22—
11:00 Assembly, "How to Watch a Football Game" by Mr. Paul Schissler, former coach of Oregon State now with L.A. Rams.
4:00 Interhouse Cross Country (2 miles).
4:30 Water Polo, Caltech vs. UCLA Frosh at P.C.C. pool.
8:00 Football, Caltech vs. La Verne at Bonita High School Field, La Verne. Open house in Ricketts and Blacker after the game.
SATURDAY, OCTOBER 23—
9:00 ASCIT Dance at Oakmont Country Club, Glendale; Carroll Wax Orchestra.
2:15 Football, Caltech Frosh vs. Pomona Frosh at Pomona.
SUNDAY, OCTOBER 24—
7:30 Caltech Musicales, Dabney Lounge.
7:30 Y Fireside with Dr. and Mrs. R. A. Millikan.
MONDAY, OCTOBER 25—
4:20 Basketball, Fleming vs. Throop.
4:20 Interhouse Bowling, Pasadena Bowling Courts.
THURSDAY, OCTOBER 26—
12:00 Y Frosh Luncheon Club at Training Table.
4:20 Basketball, Dabney vs. Blacker.
7:30 Band practice, Culbertson.
WEDNESDAY, OCTOBER 27—
7:30 Fencing Class, Dabney House dining room.
7:30 Orchestra Practice, Culbertson.
9:00 Glee Club Practice, Culbertson.

Alumni Series To Give Talk On Oil Industry

By Dick King

It's oil wells and gasoline refinement next Wednesday at the second lecture of the Alumni-Beaver co-sponsored series which started yesterday. Officially the subject is the Petroleum Industry, to be dealt with by Mr. T. A. Atkinson, of the General Petroleum Corporation of Los Angeles.

Well-Qualified

Another one of the well-qualified experts lined up by the Alumni, Mr. Atkinson holds the position of manager of the Industrial Relations Department. Before he reached this position one year ago, he was a Mechanical Engineer in the Production Department, and was on various engineering and division managements.

Same Time, Same Station

The time of starting is the same as last week, 4:30 p.m., at the same place, Dabney Lounge. Informality is the keynote, with questions being welcomed.

This week's discussion on Large and Small Business inaugurated the series in royal fashion, and all who attended were enlightened on the subject.

Frosh

There will be a very important meeting of the Freshman Class this Monday, October 25, at eleven a. m. in 201 Bridge.

All Frosh are expected to attend this meeting which will take up important problems such as financial matters, how to beat the Sophs in the Mudeo, and other business of importance to the entire class.

Eight Techsters Attend Y Meeting At Camp Seeley

The regional conference of the Y's in the Southern California area was held at Camp Seeley, near Crestline, over last weekend. Attended by 150 persons from 30 YMCAs and YWCAs in the area, the meet determined a general policy for the groups attending, and various programs of the Y were discussed amid a liberal share of recreation.

Eight Techsters

Eight from Caltech attended the conference: John Fee, Dick Libbey, Burt Housman, Vern Edwards, George Davenport, Vernon Smith, Helen Stabler, and Wes Hershey. They returned with valuable ideas which will be incorporated into the Caltech Y.

WSSF Drive

In preparation for the campus-wide WSSF (World Student Service Fund) drive in November, Ralph Stone and Ollie Gardner have been chosen co-chairmen. Peter Knoepfler is the regional representative to other schools.

Y's Beaver Out

The first edition of the new Y's Beaver appeared in the houses last week, as students got their first look at the larger, improved paper. Now more than a calendar, the Beaver has been expanded to two columns and contains a complete account of weekly Y activities. Another improvement is the special Y's Beaver holder in the lounge of each house. Distribution will be made to the holders each Thursday.

Schissler, Oregon Coach, To Speak At Assembly Tomorrow

Tomorrow's assembly in Culbertson at 11:00 will feature Mr. Paul Schissler, former football coach at Oregon State and now with the L. A. Rams. He will address the assembled multitude on "How to Watch a Football Game." Mr. Schissler is well known here as a top man in football and it is an honor to have him here.

Many Absent

It is too bad that anyone should have missed Dean Jones' address last week. Unfortunately, many did; and most of those who weren't there were the ones who should have heard what he had to say. Dean Strong introduced Dean Jones as a "man who wears many caps." Dean Jones then welcomed back the student body.

Training vs. Education

In his address he said that too many people have the idea that a trained man is an educated man. He said that pure training encouraged passivity and receptivity; that it is too much a matter of stuffing oneself with facts to be regurgitated at regular intervals. People feel that the completion of so many courses with so many grade points means they are educated and have been

(Continued on Page 4)

Senior Class Meet Discusses Prom, Garden Party, Rings

With the reading of the minutes of the last meeting, the first meeting of the Senior Class for this year got under way. Under the able leadership of President Chuck Forester, the business of the day was brought to the chair and quickly dispensed with.

Jr.-Sr. Prom

The first business was the Junior-Senior Prom. After a heated discussion of the merits of The Riviera Country Club vs. Oakmont Country Club vs. Pasadena Athletic Club vs. Altadena Country Club the floor reached a decision and the Oakmont Country Club was designated as the place where the dance is to be held. The time will be graduation night and the price of dinners will be announced later. If the price of dinner is raised beyond a maximum of one over infinity above the price of last year, a new establishment will be sought in which to hold the dance. Bill Woods is the chairman of the prom and promises to meet the expectations of all.

Garden Party

With the settlement of the Prom, the chair was entertained with a motion by Dave Browne that the Garden Party be dispensed with this year and the money that would normally be spent for the affair be combined with the money for the Senior Class gift and given to the Alumni fund for the construction of the gym. This motion brought a lively discussion and was finally tabled while a vote was taken to decide if a garden party was or was not favored. By a 59 to 39

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Biology Club Meet Installs Officers

The Biology Club held an organizational meeting in Kerckhoff last Wednesday. After the new officers had been installed, future plans for meetings and activities were discussed.

All those interested in the Biology Club should contact Jim Young in Dabney, or Ronnie Green in Ricketts.

Carroll Wax's Band To Play; Rustic Costumes In Order Oakmont Country Club Be Scene Of Milking, Pie Eating Contests

Climaxing the ASCIT social schedule is the Throop County Fair dance to be held Saturday night from 8:30 to 12:00 at the Oakmont Country Club. Carroll Wax will furnish the music again as he has ably done in the past. The entertainment program is vast and colorful with variety for all.

The gigantic midway, the fabulous lane of fun at any Fair, will be open from 8:30 until 10:30. There will be games of skill,

games of chance, and educational and edifying exhibitions to delight the young and astound the old. For the herdsmen and farmhands with talent there will be milking and pie eating contests. All the unusual animals and produce of Throop County will be displayed.

Gingham in Order

Gingham dresses or other typical rural fashions will be proper for the girls, while the men will find levis and bright shirts appropriate and comfortable. Get together with your date and cook up something really good.

Student Body Card

Admission is by student body card, and bids are available to grad students for \$1.50. This event has been well planned, and there will be some surprises during the evening. Refreshments are on hand for those interested.

All Should Attend

All in all it will be a very memorable affair, and it is hoped everyone will attend. Get on the phone if you don't have a date yet. This dance is financed by ASCIT from your student body dues, and Social Chairman Carl Price has worked hard to give you a swell time.

Econ Class Hears N.A.M. Director Speak On American Patent System Stresses Role of Patent System in Development of Inventions and American Free Enterprise System

Last Thursday the members of Dr. Untereiner's economics course heard an address by NAM Director Earl Bunting on "Our Stake in The American Patent System." The speaker stressed the important part our strong patent policy has played in this nation's progress, and illustrated the necessity for adequate controls in citing China's lack of industrial development as a direct consequence of uncontrolled exploitation of private inventions.

Essential Law

Mr. Bunting emphasized that the patent law is an essential part of the individual enterprise system which has raised the American standard of living to the highest level the world has ever known.

"It might be said that a patent system such as we have here in America is an absolutely indispensable part of a larger and more all-embracing system of individual competitive enterprise," Mr. Bunting continued. "You might fairly say that without a patent system you cannot have a truly free and competitive enterprise system with its expanding economy and ever-rising standard of living."

Basis

The basic idea of the patent law, Mr. Bunting said, "is that the entire public will benefit when inventors are given the incentive of potential rewards resulting from exclusive rights to their inventions for a limited time," each being offered "a reward in the form of temporary security if he reveals his secret to the public."

Advantages

"Thus the patent law has added to our national wealth thousands of discoveries and developments that otherwise would have remained hidden and unused," he continued. "It

is significant that the protection of the rights of inventors is specifically mentioned in the Constitution, along with the other inherent rights of individual Americans."

Protection

If everybody had the right to use any invention, then eventually few people would bother their head with new ideas, Mr. Bunting said. Abolishing the patent law, he added, would result in "industrial confusion growing into industrial chaos, accompanied by a drying up of the inventive urge and process that has made this nation productive, powerful, and prosperous."

Freedom

"That's exactly what the foes of our patent law want to happen in this country," he emphasized. "They want to destroy every aspect and facet of individual freedom, including the freedom to invent and profit thereby. They want an iron-clad system based on the Marxian doctrine of 'from each according to his abilities, to each according to his needs.'"

Politics

"Can you imagine the technical brains of this nation working as they do today if the full rewards of their achievements were to be arbitrarily distributed by a small group of commissars answerable only to a red dictator? Would you men look forward to a world where your abilities would be determined by a

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Interview Schedule

Nov. 11 and 12—GENERAL ELECTRIC COMPANY—Dr. G. W. Giddings, along with several representatives, will interview for both New York and Hanford, Washington. MS and PhD's in Chemistry, Chemical Engineering, Physics and Electrical Engineering. For a definite appointment and application blank, please contact the Placement Office, Room 120 Throop Hall, as soon as possible.

The California Tech

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CAMPUS BREWINS

Once again, after a slow start, the social leopards of Caltech are roving hither and thither in search of their prey, dropping the old, worn-out baggages and sinking their salivated fangs into fresh, new blood. One who has yet to pounce this year, however, is Blacker's Art Bruington. It seems he finally learned the truth about Scripps women and hasn't strayed to the telephone all term. Maybe their new switchboard system confused him.

Credit

On the credit side of the ledger though, we have Blacker frosh John McCourt, who was hard put to keep his arms around two Oxy women at the Whittier game. Can it be that Oxy has warmer blood than Scripps? Silly boy! Speaking of football, the sidelines are beginning to look almost collegiate this year. The band is the best in years, and the Dabney Chorus girls are setting a new high in—uh, are setting a new high.

Look North

Tiring of the local scene, a number of Techmen are looking north for their love life these days—even frosh Dick Bartlett is more or less true to a Stanford woman.

What's This?

What's this! What's this! Is the supposed leader of Tech social life short on dates this year? It seems that playwright Carl Price was put to the extremity of dating his cousin last Friday. Even then, she so exhausted him that Bill Woods had to take her back to Oxy. What an example to set our impressionable frosh.

Looped Y's

Wish I could keep up with the loves of Al (Come-up-to-my-room-and-give-me-a-sample-of-your-handwriting) Eschner. One woman to the theater party Friday, and another to the Whittier game Saturday. Maybe they don't loop their y's right.

Simile

Although Dabney lost Tom Hamilton by graduation last June, they gained another of the same name in the frosh class. Sensing the possibilities inherent in such a fortuitous circum-

stance, the clever Dabney boys ordered him, during initiation, to imitate all the old Tom's characteristics, from playing the piano before dinner to breathing down the necks of all girls who come into the lounge. Now it seems that the current Hamilton is not only conscientious but literal minded, so when a visiting Oxy girl appeared in a fairly low-backed dress, he followed orders to the n'th degree. It will probably be weeks before the poor girl's color is back to normal.

Cool Water

Most hilarious sights of the week were undoubtedly the two Blacker sophomores standing staunchly in the middle of the three house courts singing "Cool Water" while streams and buckets of the stuff played over their sodden figures. Obviously, the newspapers are fabricating when they claim there is a shortage of water in California. Just ask Ed Pyatt.

Bruised Knees

To get back to the Whittier game, an accounting is in order for the no-doubt-observed bruises on the knees of one of the prettier girl song leaders. It seems she rode to Whittier with four people crowded into the front seat of a 1928 Chevy, having the dubious honor of being in the middle next to Fred Wood, who was driving. The old rod had a very short gear shift lever and Fred dutifully kept his eyes



of it this year, but we're happy to report that the Rowdies blew their budget at the Skip-In, Monday night. Sublimation, you know.

of it this year, but we're happy to report that the Rowdies blew their budget at the Skip-In, Monday night. Sublimation, you know.

Out of It

P. S. Ricketts is sort of out

EPHEMERAE

In this column two weeks ago, the controversy which has arisen at Olivet College was mentioned. Since that time, the California Tech has received a large amount of material concerning this problem.

We feel that this question is of basic interest to the students at Caltech. The question of academic freedom is one that should be of interest to any student. To enable the students here to see some of the problems that have arisen we are going to reprint some of the material that we have received. (In a highly condensed form. The material we have received reads in most part like the "White Paper.")

The controversy first arose upon the dismissal of two of the faculty members, Professor Mrs. Akeley, without statement of cause and without prior notice. This dismissal resulted in a movement organized by the students to protest it. As a result of this movement, some sixty students were expelled.

First, it may be of advantage to give some background material. Olivet College is located in Olivet, Michigan. The following material is quoted from a report made by a committee sent by the American Civil Liberties Union to investigate conditions at Olivet. This committee consisted of Mr. Elmer H. Groefsema, Detroit attorney, Dr. Alfred McClung Lee, Professor

of English at Wayne University, who came as a representative of the American Association of University Professors, and several others.


"... The College: Olivet is a small Congregational-Christian College with approximately 300 students and 30 faculty members. It is regarded as an 'experimental' college in the sense that faculty members have in the past been encouraged to experiment with novel teaching techniques ...

"The previous President of the College, Dr. Malcolm Boyd Dana, resigned in April 1948 and was replaced July 21 by Dr. Ashby. The college had had a financial problem for some time, and Dr. Ashby's business background with the National Broadcasting Corporation and previously with Westinghouse Electric and Manufacturing Company is said to have been sought in order to cope with the problem ... It is apparent that Dr. Ashby does not under-


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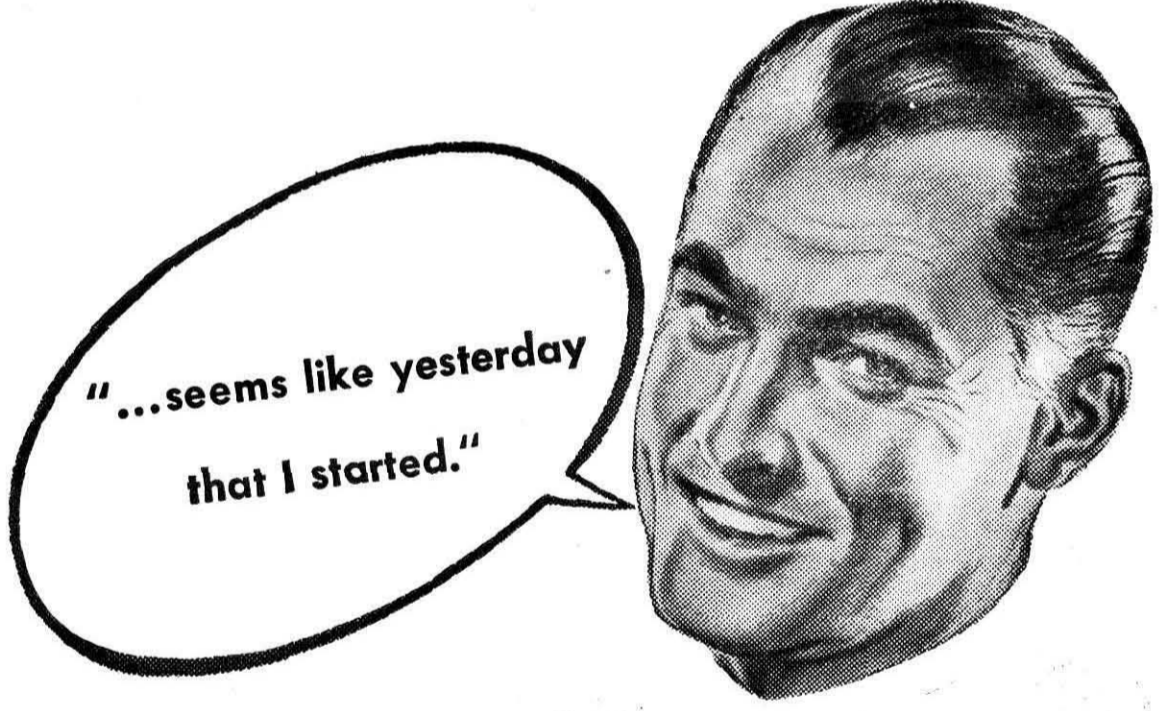


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THE FRONT BURNER

Somerset Maugham's usual lot of lovers, mistresses, and other proponents of enjoying by persuasion what they can't procure by money, law, and/or brute force form a jolly polygon (a square this time instead of the usual triangle) in his comedy of marital infidelity "The Constant Wife" now playing at the Pasadena Playhouse.

New Twist

A new twist to Maugham's plot involving extra-marital affairs, has Constance, the constant wife, as played by Isobel Elsom, watching over her husband's love life with a maternal eye. She even prevents the millionaire husband of her husband's mistress from bloodying the living room set with pieces

of said mistress, after the husband and mistress are caught in a very compromising situation.

Claim

Constance says, with typical British aplomb, her position is that of a "prostitute who has a legalized claim for support from her husband, a man who no longer desires her." Ergo, she has no cause to complain when he seeks greener pastures.

But, what's catsup for the gander is sauce for the goose. After a year of financial independence—Constance has sweated and toiled as an interior decorator at a cool \$6000 bucks a year—she takes a six-week jaunt to Italy with a clear conscience and an old boy friend conveniently returned from a 15 year stay in

Japan.

No Chit-Chat

This cursory synopsis only gives the structure on which Maugham builds his satire of modern marriage. Unlike most typical English parlor comedies, there are no sequences of dull chit-chat and repartee, and there are plenty of spots with quasi-belly laughs.

Fine Characterization

Although Isobel Elsom as Constance might have posed for the "before" in the Ky-Krisp Ad, she does do a fine piece of characterization as woman all sweetness, light, and forty-five. Also well cast is Rene' Mercer as Constance's mother and Wilton Graff as John, Constance's husband. The rest of the cast enunciates clearly and do a fairly good job as the interested bystanders.

Fleming Theater Party At Playhouse

Last Friday evening saw the men of Fleming House launch their social program to a fine start with a theater party at the Pasadena Playhouse, followed by a joint dance with Dabney which was held in the Fleming Lounge.

The theatergoers, who watched with mixed emotions the production of Somerset Maugham's "The Constant Wife", returned to Tech with material aplenty for discussion over the refreshments in Dabney lounge. Despite the controversial issue raised spirits were high and all present are confident of a continued successful social season.

Swirlers, Gulpers Compete In Throop Crew Race Event

Women and music took back seats at Throop last Friday night when members began practicing for Crew Race team. Frosh and upperclassmen, arguing over the relative merits of swirling versus straight gulping, guzzled and gurgled through time trials and a relay match of Frosh vs. upperclassmen.

Top Men

"Top Secret" was clamped down on the record time set by the teams, but it was generally agreed that the Acme trophy is due to change hands when the present champs meet Throop. Officially Dick Weeks is Throop's No. 1 man, with Linn Croswhite, a proponent of the swirling technique, close behind. Harold Woody, anchor man on the Frosh team astounded everyone with a time of 5 seconds flat for the regulation 12 ounce bottle, but it was subsequently discovered that he had filled his bottle with water. When accused of fraud, Woody pleaded that he is in training.

At the next practice, Pete Verdier will wear a raincoat—Pete was almost disqualified for excess sloppiness.

Miniature golf was the entree of the evening, both guys and dates discovering that the game is not so simple as it looks. Champ Benton, of course, went around in par minus one; others went around in two par, and a few in par r squared.

Blacker Exchanges; Initiates Frosh

In a solemn ceremony, 27 Frosh officially became members of Blacker House last Friday night. President Art Bruington administered the oath while Ralph Lovberg summarized House history and challenged the initiates to equal and better the many past accomplishments of Blacker.

Blacker Exchanges

Tuesday evening 24 Oxy upperclasswomen enjoyed dinner here while 24 Blacker men braved the Student Union in anticipation of the after-dinner dancing in Orr Hall. Tonight Scripps' Dorsey Hall will exchange meals with Blacker. Friday and Saturday nights ASCIT affairs hold sway, but the following week Blacker continues its social program.

I.R.E. To Meet To Plan Term

There will be a meeting of the student branch of the Institute of Radio Engineers (I.R.E.) on Monday, October 25, at 11 a.m. in 206 Dabney.

All present and prospective members are urged to attend to plan the term's program.

The Caltech I.R.E. members were instrumental in making the recent West Coast I.R.E. and the West Coast Electronic Manufacturers exhibit a huge success.

Gleanings...

The following items have been gleaned from fairly recent editions of the newspapers of neighboring campuses. We hope they will be of interest.

THE OCCIDENTAL

A new tiger has been presented to Occidental to replace its predecessor, destroyed by men from down Whittier way. The new bengal consists of a wood frame, reinforced by steel bands, and then stuffed with steel wool. The frame was padded with paper maiche and then baked. The orange and black monstrosity will be carried to all out of town games if not decorated or otherwise altered.

UCLA DAILY BRUIN

Five members of Students for Wallace and American Youth for Democracy who had set up a table and posters and were distributing pro-Wallace leaflets at an adjacent to campus bus-stop were told by campus police acting on instructions from University officials, to remove their property from the premises.

THE DAILY CALIFORNIAN

President Robert Gordon Sproul was named as a possible Secretary of the Interior in the event of Dewey's election.

Car Design To Be Topic Of SAE Meet

In an attempt to encourage student attendance at section meetings, the Southern California Section of the Society of Automotive Engineers is going to pay over half the cost of the dinner for Caltech students who attend these dinner meetings.

Youngren Speaks

The first meeting will be on October 27 the topic will be "Review of Passenger Car Design with Notes on Development of the 1949 Ford". The speaker will be Harold T. Youngren, Vice-President and Director of Engineering of the Ford Motor Company. Mr. Youngren was also chief engineer of Oldsmobile for 11 years.

Tickets \$1.25

Any student may purchase a ticket for the dinner for \$1.25 from Andy Harris, Blacker 46. The regular price of the dinner is \$2.75. In the future this subsidy will be restricted to student members of SAE. If you are too chintzy to pay \$1.25, come to the meeting anyway. Dinner is 6:30 p.m., meeting 8:00. Place: Coral Room of Rodger Young Auditorium, 936 W. Washington Blvd.

Techelectricals To Visit Telephone Co.

The Caltech AIEE branch is planning a field trip through the Los Angeles Telephone Exchange Friday afternoon, Oct. 22. The following are sure to be points of interest to EE's: radio programs over telephone lines; dial relay system microwave radio telephone service—ship to shore, office to car, etc.; marine telephone, co-axial systems; and last but not least, telephone operators. The tour is expected to last at least one and one half hours. All interested members should meet in the Tournament Park parking lot at 12:45 P.M.



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EPHEMERAE

(Continued from Page 2)
stand the traditions and conditions of academic freedom and responsibility which are widely held and treasured in the United States. . .

" . . . At the present time all members of the faculty are on one-year contracts subject to cancellation upon three months' notice for "cause". In view of the conditions of academic employing, this is an unusually short notice. It also concerned us to learn that "cause" is so defined as to include "incompati-

PAJAMERINO

(Continued from Page 1)
rounds of local stores from 4:00 to 5:30. Later on in the evening, the rest of the Frosh complete the shift in two hour relays. This system will be followed by each house in the order listed each day except Sunday until the Pajamerino. . . There will be a prize for the house with the most boxes, and the first Frosh with a one-hole Donniker will be exempt for one day's shift. If we can have a fire, we want it to be one of the biggest and hottest we have ever had.

Rally, Parade
Following the bonfire there will be a pep rally, and then a parade down Lake and along Colorado to the American Legion Hall at 131 North Marengo. Here there will be a special show, the details of which will be announced later.

SUPPORT THE CALTECH ATHLETIC PROGRAM

SENIOR CLASS MEET

(Continued from Page 1)
vote, the floor decided in favor of a Garden Party. The question of a donation to the gym fund was again brought up and Orson Mitchell made a motion that the Senior Class give an amount equivalent to the cost of the Garden Party plus a gift, to the fund. This motion was favorably received and a sum of \$500 was voted to the gym fund. Bob Stewart was appointed General Chairman and he shall see that we have a party as good or better than last year.

Rings
The concluding business brought before the chair was the problem of class rings. Those seniors interested in a fine memento of their life at Tech should contact Bill Simons, in Dabney 36, at their earliest convenience. The rings will cost \$26.70, but may be purchased with a small down payment.

OREGON COACH

(Continued from Page 1)
given knowledge. Real knowledge comes from shared ideas, discussion, and argument, says Dean Jones. He compares those who drank at the fountain of learning to those who are content to be sprayed with facts.

Attitude
He said that there is less communication between man and man, and more 'let the other fellow do it' attitude at Caltech than at any other campus. He claimed Tech housed an extraordinary group of hermits. Above all," he cautioned, "don't make a hermit of yourself because maybe four years from now it will make you more money."

It is indeed unfortunate that more of the student body were not able to attend the assembly. Upperclassmen might take a cue from the lowly Frosh and take advantage of the teaching of the experts on the campus who give their time and effort to further the students' education.

Caltech Students Welcome at Neighborhood Church



A Church of Liberal Religion
225 West California Street
SUNDAY WORSHIP 11 A.M.
REV. CURTIS BEACH
MINISTER

bility adjudged to be serious by the President of the College". Such a provision opens the way to arbitrary dismissals.

"The Problem: In the dismissal of Professor and Mrs. Akeley even the shabby tenure policy of the College as adopted was flagrantly violated. Professor Akeley received a renewal of his annual contract in April 1948, and Mrs. received a renewal of hers July 9, 1948. They then both received a summary dismissal, without other notice or consideration, during an academic vacation in Mexico on August 9, 1948. Neither Professor Akeley nor his wife was given a trial or even a statement of cause. He and eventually Mrs. Akeley were assured of their salaries for the present academic year, but the College has not as yet paid such salaries for the tenth month (June) of the 1947-48 academic year."

The above information seems to be reliable, as far as it goes. Other information which we received is along the same lines. In particular, we received a communication from the Olivet College Teachers' Union. The following is quoted from this:

"In April, 1948, Professor Akeley received the following letter of reappointment from the Board of Trustees:

"The Board of Trustees of Olivet College is asked to record with you its satisfaction with your work in the past year and to notify you also of its desire that you remain on the staff for the academic year of 1948-1949 at a salary of \$4,200. (that constituted a raise)

"On August 9, 1948, in Mexico City on vacation, Prof. Akeley received the following letter of dismissal from the Chairman of the Board:

"Dear Mr. Akeley: In view of your absence from the country, I have no other means of advising you of the unanimous decision of the Board of Trustees of Olivet College to the effect that your usefulness as a member of the Faculty of Olivet College has been fulfilled and, therefore, has instructed me to advise you that the Board does not desire to have you resume work for the College. The College will pay you a year's salary in equal installments covering the year ending June, 1949. You can advise me whether you desire to treat the next academic year as a sabbatical year or whether you now decide to present your resignation."

Similar letters were sent to Mrs. Akeley.

The above quotations were condensed from about 14 pages of releases which were sent to

us. They represent the faculty and student side of the story. As yet we have received no information from the administration of Olivet College.

On the face of it, these reports seem to indicate that some rather shoddy actions have been taken by the administration. The rest of the material we have on hand gives a history of the attempts on the part of the faculty to have some sort of tenure clause written into their contracts. Their first success was described above. This case seems to be a clear violation of even the small gains which they have made.

Obviously the administration must have had some reason for dismissing these faculty members. It does seem rather odd that they give no reason at all for their actions. I am inclined to be distrustful of any opinions made from this information, since only one side has been represented, but until we obtain some information from the other side, we will have to admit that the faculty seems to be in the right.

In this case, someone has certainly erred, precipitating a wave of resentment and protest. The outcome will be of interest.

Wider Activity Offers Chance For Better Jobs

By Jim Hummel

Despite what you may have heard, when it comes time for you to leave school and try to get a job, your prospective employers will be interested in more than your grade point average. The common complaint among employers of Tech graduates is that our men are good, but they have to be kept in the back room. This attitude causes the placement interviewers to be inclined to choose men who have been active in other phases of student life besides academic.

Many Opportunities
There are many opportunities on campus for our students to equip themselves with a good background of extra-curricular activities. In view of the advantages gained, many more should take advantage of these opportunities.

Societies and Clubs
For those going into engineering, it is almost a necessity that they should take advantage of the various engineering societies on campus. At present there are five such societies, not counting the CES. A member in one of these societies is

(Continued on Page 6)

Three Teams Unbeaten In Casaba Race

Interhouse basketball is well underway with Blacker leading the other four houses. Both Fleming and Dabney are undefeated, however, and are in hopes of taking the lead away from Blacker.

Standings
Present standings are as follows:

	Won	Lost
Blacker	2	0
Fleming	1	0
Dabney	1	0
Ricketts	0	2
Throop	0	2

High Point Men
Sanford Sweet, from Blacker is high point man with a total of 30 points in two games. Fleming's Norman Grey, however, has totaled 17 points in their single game. Runner up is Jim Malone from Ricketts with 22 points in two games.

Scores
The scores of last week's contests are:

Blacker	29	Ricketts	26
Dabney	49	Throop	24
Fleming	25	Ricketts	18
Blacker	29	Throop	17

Melon Booters Drop Opener To SC Shin Skidders

Facing a veteran Southern California team, last Saturday, the newly formed Beavers relaxed in the second half to allow the visitors to push through a succession of quick goals and triumph 4 to 0. Witnessed by a crowd on the Tournament Park north field the orange and white showed promise of better things.

Varsity Rating
Due to the efforts of Coach Musselman and the athletic office, the team has a place to play, equipment, a coach, and varsity standing. The Athletic Council gave the infant team all the necessities of life at their meeting last Friday. Walt Mudgett the manager has been putting in many hard hours a week whipping the team into shape.

Strong Attack
The Trojan boasted a powerful attack, but the home team has some excellent men in Bob Crichton, Brad Houser, Dave Madden, Dave McKenzie, and new goalie Chazz Shaller. The game was evenly fought the first half with Carl Price, Bill Bradley, Dick Pyle and Berke Welsh

(Continued on Page 6)

Schussing with the Shoose

At the recent F.W.S.A. convention one of the items of major interest was the report of the Area Development Committee. Our Association is chiefly responsible for the development of our skiing areas, and here were the plans for this next season. Quoted are some excerpts that affect the Snow Valley-Slide Peak area near our hut.

Plans Complete
"Plans for Snow Valley have been finally approved. The plans involve a restaurant, motel type cabins, grocery store, better parking facilities, water and sewage system, as well as lifts, all at an estimated cost of \$130,000. The lifts, for which the permits have just been issued, will consist of a chair lift 5130 feet in length, 8 rope tows, 1 shuttle

GET YOUR SKI CLUB MEMBERSHIP NOW

Dick Schuster—Fleming 10
Fred Drury—Blacker 29
Jim Blom—Dabney 52
Blouke Carus—Ricketts 49
Warren Schlinger—Chemical Engineering.

tow, a main service building, and a Slide Peak service building.

Good Runs
"Johnny Elvrum has given the Race Peak area an entire face lifting, cutting runs that will be a delight to all Southland skiers. An area on the top of Race Peak has been leveled for a roundhouse which will also be the upper terminus for a mile long chair lift. A novice trail extending through the Slide Peak area and following the present road will give a good three mile run. Another shorter trail with steeper pitches will be 1½ miles long, and the main slope will give the expert and intermediate skier a fast mile run.

"If weather delays construction of the chair lift, rope tows covering these new slopes will be available, and Slide Peak Bowl should be a popular place when the first snow falls.

YOUR COLLEGE SPORTS SHOP

Headquarters for Sporting Goods
WYNN MACE
Tennis Shop

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912 EAST CALIFORNIA ST.
Pasadena, Calif.

"With a chair lift in this area, we will have a Class B installation which will take care of a large crowd of skiers adequately, something unique in Southern California.

Toboggans
"It is hoped that the tobogganists will be separated from the skiers (possibly by a fence). It even seems somewhat reasonable to recommend eliminating tobogganing in the area entirely, since the majority of accidents occur on the toboggan slope."

Lift to Hut
I was up in Snow Valley with the work party last Sunday and spoke with Johnny Elvrum. Some of the concrete bases for the chair lift towers are already in, and the steel is going to be delivered in just three weeks. It appears that we will finally have our chair lift up by the hut.

Work Weekend
A lot of work was accomplished by the 12 or 15 fellows who showed for the work party. A large amount of wood was cut for use this winter, and about two or three hours more work on it will yield us a sufficient amount to last until next year. We are planning another work weekend within next month that will be the last of the season. As usual we can use all the help we can get.

Membership
Be sure to get your Ski Club membership. It is only \$3 this year, including the FWASA dues. We feel that this is extremely reasonable, for other college ski clubs in this area charge considerably more with no hut facilities to offer. Get your membership card from any of the Student House representatives. Off-campus and graduate students may purchase theirs from the Shoose in Fleming 10.

We are still making the appeal for pots and pans for the kitchen and some chairs to set around the fireplace. Let's dig some up.

Equipment
We get occasional information regarding sales on ski equipment. Be sure to contact me if you are looking for new skis, boots, bindings, and other stuff.

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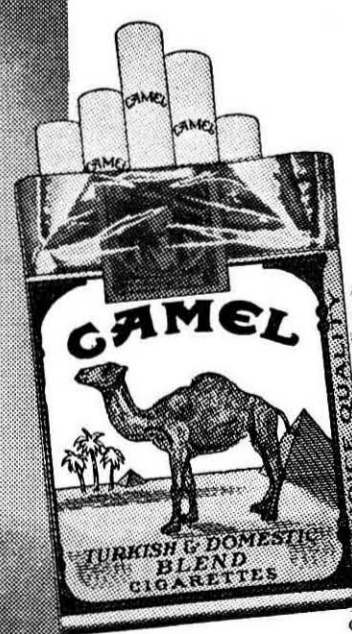
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(Signed) R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina.



Talkin' It Over With The Goon

I hope you men who don't show up at the games on the weekend are getting enough snaking in to make up for those of us who manage to find time to close the books and unloosen our vocal chords in order to get a little spirit behind the team. It was bad enough when the soccer team had only fifteen stalwart rooters, or when the Frosh squad played to as many Whittier fans as Techsters. But the kiss-off was that Saturday night when everyone seemed to be keeping their ears warm in a most unusual place.

Few Yells

Whittier's ball on the Beavers seven yard line. Is there a yell or shout from the stands? Sure, from the Poets side of the field. Tech's ball on the Whittier five. Last down, goal to go. Is there a big yell when the Orange and White breaks from the huddle? Sure, "Hold that line!" from the other side of the field.

Yells Encourage

I know, you hear a lot of talk that all of that yelling from the stands doesn't make a bit of difference. But you usually hear that from the guy who has not only never competed, but also has never been to a game. Just talk to any man, whether he has competed on a team or individual sport, and you'll find the same answer in all cases. Those yells and cheers of encouragement makes you run faster, hit harder, and win ball games.

Fine Backs

But enough beaking at you meat-heads. The game Saturday night was one of the most exciting football matches this year. It was fine passing and running from a diverse series of single wing and spread formations vs. possibly three of the best broken field runners in Southern Cali-

(Continued on Page 6)

Frosh Eleven Drops Opener To Poets, 41-0

A fighting Freshman football team dropped their first contest to Whittier Saturday by the un-significant score of 41 to 0.

Injuries Felt

Hampered to some degree by the mid-game mishaps of several men, the Techmen saw a 14 point deficit at the half climb to 41 by the final gun. The loss of Woody, Karasawa and Patapoff through ankle injuries and Bob Davis with an injured arm was deeply felt in the second half.

Statistics

A look at the statistics shows us a somewhat different prospective of the game. Three of Whittier's TD's were directly set up from intercepted passes. Two of these were made on interceptions while the other resulted on the local 2 yard line followed by a short drive for the touch-down.

First blood was the result of "an interference with the pass receiver" penalty which brought the ball down to the Caltech 5 yard line before being taken over.

The Little Beavers held well on most occasions, but a 58 yard run in the second period set up a touchdown from the seven yard line. Later, in the fourth period, a Poet back got loose for 56 yards and a six-pointer.

High Spirit

While the Baby Poets were compiling their 13 first downs during the game, Tech was displaying an impressive eight. Unseen on the scoreboard, also, was the excellent tackling and unquenchable spirit exercised throughout the contest. Indeed, we lost a good game.

Beaver Sports

Beavers Slight Favorite Over La Verne Gridders

Here it is, the LaVerne game again, and the Engineers enter a football contest as a favorite. If you take comparative scores into account however, hopes should not be held too high. Pomona waxed the LaVerne lads 27-14, but the Sagehens shel-lacked the Beavers 27-0.

LaVerne No Snap

The LaVerne ball team will be no push over as last year. The Sagehens found their line a tough spot, so accordingly took to the air. With LaVerne pass defense having much to be desired, Chuck Norman will probably give them plenty to worry about as he unlimbers his arm.

Beavers Improved

The Engineers were a decidedly improved club, when viewed last Saturday against the Poets and looked mighty good for the first three quarters. The club's over-all play was definitely superior and the Engineer pass patterns looked excellent. The lack of reserves made the difference and the boys could not hold back the Poet backfield. Also Sylvies and Funk have improved considerably in their running ability and should bolster up the Tech backfield.

Long Out

The loss of Dennis Long at tackle hurt the Engineers last Saturday; in fact his presence might have staved off the Poet

Bevos Annex First Water Polo Tilt With Muir Mermen

Tuesday, October 12, saw Caltech's water polo team emerge the victor in its initial struggle of the season, 10-9, with Muir. With seven seconds left to play, the Orange and White came from behind on a goal by Bob Waters to send the game into two overtime periods. The Beavers scored once in each period to come out on top by a margin of one point.

Casualty

Paced by Bill Palmer, who tallied four times, the Tech team showed spirit and hustle which will be hard to beat in future games. It was the roughest and hardest fought game in which most of the Tech players have participated. Bill Harris and Dick Libbey each had 5 fouls called, while Joe Curray joined the casualties with a broken nose.

Lineup

This Friday Caltech travels to U.S.C. for its first meeting with the Trojans. Last week's Muir game lineup was as follows:

- Center Forward—Libbey (1) and Eschner
- Forward—Palmer (4), Hall (2) and Waters (3)
- Guard—Harris, Stert, and Dyer
- Goal—Reineke and Lynn.

ground game. He will not be in action tomorrow night, but such stalwarts as Bass and Hibbard will make matters tough for LaVerne. On offensive, Marks, Powell, Blom, Carms and Carson will help open up the holes. On defense Berner

(Continued on Page 6)

Whittier Bounces Tech In Hard-Fought Game

A lightweight Beaver eleven slugged it out on even terms with the Whittier Poets for three quarters last Saturday night, only to collapse in the final period under a 27-6 avalanche. Whittier, showing amazing power on the ground, on off-tackle smashes after finding their aerial attack smothered by Tech's improved pass defense.

Frosh Sports Roundup By Leon Michaelson

The scoreboard says that the Frosh football team lost a game—badly. With our eyes intently on the game and a sensitive ear to the well-located knot-hole in the locker room wall, we view a different score. It was a score higher than any scoreboard could read—that of a spirit that was undying.

Team Profited

As a first game for so many men, the venture was definitely profitable. The team now has a basis upon which to work out; upon which to plan a system for maximum efficiency. Its plays will have a meaning unattainable through blackboard tactics. It will become smoother through such experience.

If it could ever be said that the squad on the low end of a 41 to 0 score was the winner, certainly it could apply to our Frosh team. With that combination of da-die attitude and an unequalled perseverance, it waged a valiant battle until the end, hindered only by the handful of second quarter injuries.

It will be an experienced football team that meets Pomona, there, this Saturday at 2:15 p.m. Watch those Little Beavers.

Water Polo

The Frosh water polo team is still working out with the varsity at PCC pool. Before any organized scheduling of games can be arranged, there must be more out. The five or six now out are showing very good form, but since seven are needed for a team, men are needed. Come on, fish, swim for Tech!

(Continued on Page 6)

PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT		SPORTS STAFF	
	Coach	Hal	Goon	Thorne
Michigan Minnesota	Anderson	Musselman	Saltman	Butler
Michigan 12	Michigan 21	Michigan 14	Michigan 18	
Army Cornell	Army 6	Army 14	Army 12	Army 13
USC Stanford	USC 7	USC 1	Stanford 1	Stanford 6
California Washington	California 12	California 14	California 12	California 13
N. Carolina LSU	N. Carolina 13	N. Carolina 21	N. Carolina 14	N. Carolina 7

S. C. I. C. Standing

	W	L	Pct.
WHITTIER	1	0	1.000
POMONA	1	0	1.000
OCCIDENTAL	0	0	.000
REDLANDS	0	0	.000
CALTECH	0	2	.000

Games this week:
 Caltech at La Verne
 Oxy at Whittier
 Pomona vs. Loyola at Gilmore
 Redlands at Arizona State

PASADENA BOWLING COURTS
 970 East Colorado
 Headquarters of Caltech Bowlers
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 Special Student Rate before 6 P.M.
 except Saturday, Sunday, and Holidays
 20c Per Line

CALTECH BARBERS
 on California Near Lake

The recovery was made by a Poet, and the eager referee decided that the ball had not been dead, and gave it to Whittier. The Poet touchdown followed in 4 plays.

Handicap

Tech entered the game under an unexpected handicap, in that Dennis Long, 60 minute tackle, was declared medically unable to play as a result of a larynx injury received in the Cal Poly game. Replacements Ray Johrde and Dave Powell filled the breach. Standouts in the Tech line were Craig Marks, who played 60 minutes of guard, Manuel Bass, and Don Hibbard, who cut the Quaker blockers down like bowling pins all evening. Tex Bass did all the Tech punting, and even passed once

(Continued on Page 6)

It signed the Inter-American Defense Treaty

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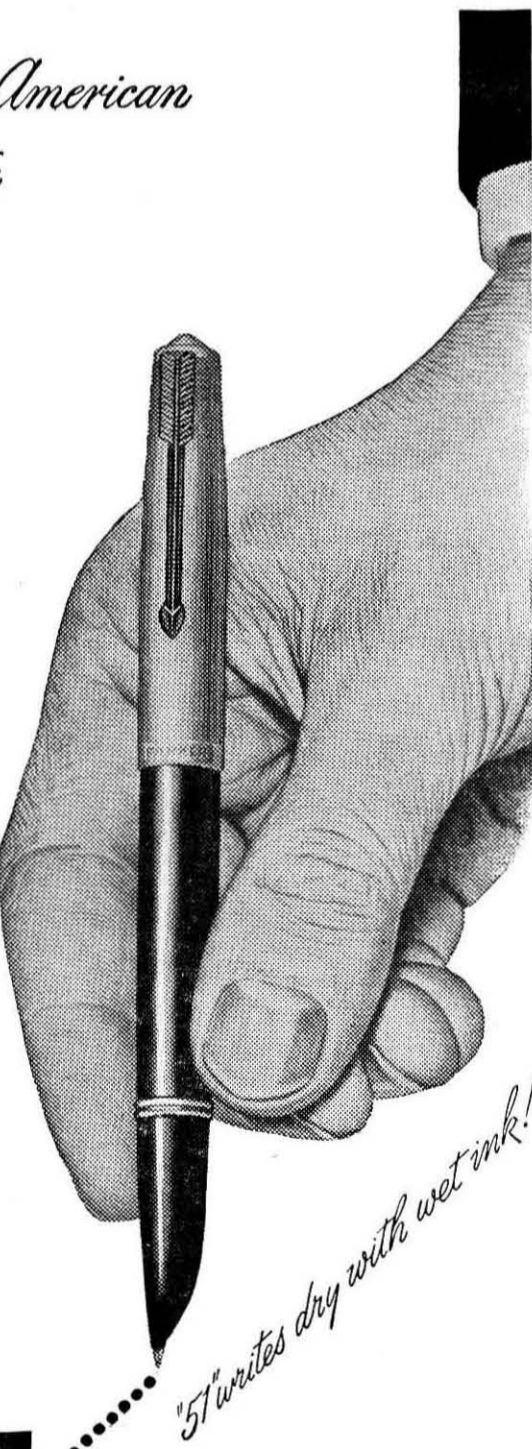
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TALKIN' IT OVER

(Continued from Page 5)

fornia. Both Tucker and Harris of the Poets displayed a lot of power-house charging with quick thinking and fast leg action in the pinches.

Norman Shines

However, probably the best all-round game was turned in by Chuck Norman, Caltech's gift to the athletic world. The Chucker ran, passed, blocked passes that would have meant Poet points, tackled like a pile-driver, and played about 50 minutes of ball to boot. If the kid keeps it up he'll be a ringer for one of the All-league berths. It might be well to mention a few things about the Chucker. The week before school opened, the doctors opened Chuck. With his appendix out, the doc told him that he couldn't begin practice until after the Cal Poly game. Within the last two weeks he has not only gotten into shape, but has put many of the other men to shame with his drive and spirit.

Credit Funk

A lot of credit should go to Bullet Bob Funk, who called one of the finest series of offensive attacks in his last three years of competition. Whittier was on their ear trying to figure out what was going to happen next. Keep it up, Junko, and you'll have a few check marks in the win column pretty soon.

Long Quiet

Once again good news arrived at Andy's door all wrapped in black shrouds. Dennis Long's whiskey tenor was found to be caused by a fractured larynx with internal bleeding. The doctor ordered no talking, no running, no violent exercise for the rest of the season.

Open at UCLA

Good news for the casaba kid-

ECONOMY CLASS

(Continued from Page 1)

political appointee, directed by a political appointee, and the results and rewards of your work distributed—not to you—but to others—by a political appointee?"

Finance

Mr. Bunting pointed out that inventors would have great difficulty in obtaining capital to finance production of an invention if they had no title to it, adding that without such private capital, it would be impossible to develop and introduce most inventions. There has been a serious lack of such capital in recent years, he said, because "steeply progressive taxes on the incomes of those in the higher brackets" has prevented the reinvestment of an average of one-fifth of the wealth produced, as was done between 1870 and 1930—"years of tremendous technological progress in this country."

Conclusion

"Not until this dangerous logjam has been broken can we be certain that American industry will be able to develop and apply the numerous improvements and inventions available to it from our national wealth of technical brains," he concluded.

dies. We open the 23rd of November against the Bruin varsity at the Westwood hardwood. Nothing like picking a few pushovers to get started with. See all you snakes at LaVerne for the first of many winners this Friday night.

Blacker Freshman Places First in Crosscountry Meet

Interhouse cross country got off to a fine start last Tuesday at Tournament Park with Blacker ranking first among the five houses in the first run of the season. Bill Pilkington, a Blacker Freshman, finished first in the one and one-half mile run in the fast time of 8:38.3. Brad Houser, Ricketts, came in for a close second, while third place went to another Blacker man, Jared Abell.

Final tally for the meet was: Blacker 10, Ricketts 15, Fleming 26, Throop 44, and Dabney 53.

WIDER ACTIVITY

(Continued from Page 4)

able to meet many men in his chosen field from outside the school. These five societies are the ASME, the AIEE, the SAE, the IRE, and the ASCE. A list of the chairmen is given on page 71 of the Little T.

For science students, there are the Chem, Math, and Biology clubs. Information on these may be had from any senior or junior in the appropriate option.

Non-Academic

But all of these are connected with your studies. It is much better to get into something outside of the academic field. If you are at all interested in music, you can join the band, the orchestra or the glee club.

WHITTIER BOUNCES TECH

(Continued from Page 5)

from punt formation for a gain of 6 yards.

Lineups:

Whittier	RE	Caltech	Hibbard
Kulzer	RT	Johrde	
Marrs	RG	Darms	
Ryan	C	Blom	
Conde	LT	Marks	
Ameluxen	RG	Bass	
Murdy	LE	Carson	
Ryerson	LE	Funk	
Tucker	Q	Norman	
Harris	LH	Sylvies	
Looney	RH	Baker	
Wood	F		
Scoring:			
CALTECH	0	0	6
WHITTIER	0	7	0

Almost any other interest is covered in some club on campus. There is the drama club for frustrated thespians, the ski club for those that like slats on their feet better than shoes, a radio club for Caltech hams, and even a chapter of Pi Kappa Delta for those who acquire an ability for debating.

Skills and Writing

You might like to join the Y and help with their many activities. If you like to work with your hands, the student shop offers you a chance. If you like to write, or like to see things that you write in print, then the staff of the California Tech is for you. The Big T also needs a good many men on its staff to turn out the excellent book which appears every year.

Whatever your interest is, you should be able to find an organization which would appeal to you. Preparing yourself in this way for graduation is one of the wisest things you can do.

MELON BOOTERS

(Continued from Page 4)

running the red team ragged. Towards the end of the half, however, the Beavers began to tire and from the end of the third quarter till the final gun the visitors had everything their own way.

Onslaught

One of the few veteran players, Sichel played the entire game while goalie Nobles played the fourth quarter in the box and had a rough time of it against the onslaught of the visitors.

Next week, Tech's soccer men meet the Bruin at UCLA, the game starting at 10:30 a.m. Saturday.

SLIGHT FAVORITE

(Continued from Page 5)

and Miller will come in and use their weight to push the hosts around. If the lads look anything like they did last weekend, you can look for a victory.

Everyone come and help cheer the ball club on. Game time will be 8:00, Friday at the Bonita High School field. This field is larger than the one at LaVerne.

Bonita High School is ½ mile west of LaVerne, on the same street. You can get there easier however, by turning right off of 66 at Grand Avenue.

Lineup:	LER	Hibbard
Carson	LTR	Bass
Powell	LGR	Marks
Darms	C	
Blom	QB	Funk
Sylvies	HB	Norman
Baker	FB	

Ricketts Leads In Interhouse Bowling

Ricketts House got off to an early lead in the first week of the 1948-49 Interhouse Bowling League at the Pasadena Bowling Courts this Monday by winning all of their eight games against Dabney and Fleming. Throop is currently second with five wins, then Dabney with four, Blacker with three, and Fleming with no wins.

High Scores

Many individuals appeared to already be in mid-season form as four series over 500 and nine games over 180 were recorded this week. Sid Stone of Ricketts topped the festivities with a big 548 series, Carl Fox of Ricketts had a 535 total with a rousing 210 game, Bob Benton of Throop had 529, and Ray Heggland of Throop, 521. High game honors of the afternoon went to Howard Cohan of Blacker for a huge 212 score which included five consecutive strikes.

FROSH SPORTS ROUNDUP

(Continued from Page 5)

The turnout for cross country competition has progressed very favorably in the past week. Working toward their first scheduled meet early in November, the Frosh team has fine possibilities in Ron Connor, Bill Pilkington, Bob Parnes, Sherman Butler, Stanley Rawn, Bill Averre, Dorian Kahrs, Dick White and Jim LaFleur.

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