

California Institute of Technology

Thursday, November 3, 1949

MUDEO
NEXT
TUESDAY

No. 5

Volume LI.

Charities Drive November 7-11

In a change of policy toward campus charity drives, the ASCIT has this year inaugurated the Consolidated Charities Drive, combining the separate fund raising campaigns of the World Student Service Fund, the March of Dimes, and the Pasadena-Alta-dena Community Chest.

Less Confusion

Initiated after many years of student complaints and administrative confusion and inefficiency, the drive is designed to reduce wear on frayed wallets and to reduce unnecessary paper work.

During the drive week, solicitors will call on each student to fill out a pledge card, specifying the amount he wishes to contribute to each charity. The total amount may then be paid to the solicitor, or charged to the January Institute bill.

YMCA Drive

There will be no other personal solicitation for off-campus charities this year. In February, the annual YMCA drive will be conducted as usual. It is felt by the Board of Directors that the activities of the YMCA are of direct interest to the students, and should thus be allowed to carry on its own fund raising campaign.

Experiment

The new Consolidated Drive is an experiment. The permanence of this new policy will be determined to a considerable degree by its success. It is anticipated that this new plan should be popular with students, and an expression of this will be its wholehearted support.

Grants Offered For Foreign Study

Announcement has recently been made by the Department of State and the President's Board of Foreign Scholarships of the opening of competitions for U.S. Government awards for graduate study in the United Kingdom, Belgium, Burma, Netherlands, Philippines, Greece, New Zealand, France, Italy, Iran and Norway for the academic year 1950-51.

Scholarships

The scholarships offered to American graduate students are made available as a result of the Fulbright Act. This is the second year in which American graduate students will have the opportunity of competing for these awards which provide travel, tuition and maintenance for study abroad during one academic year.

Requirements

The basic eligibility requirements are:

1. American citizenship
2. A college degree or its equivalent by the time the candidate takes up his award.
3. Knowledge of the language of the country sufficient to carry on his studies abroad.

Interested applicants who are presently enrolled at the California Institute may obtain information and application forms from the graduate office, 104 Astrophysics.

Campus Calendar

THURSDAY, NOVEMBER 3
12:00 Throop Club Meeting
12:00 Y Upperclass Lunch Club
4:00 Math Club Meeting, 22 Gates
7:15 ASCIT Board of Directors Meeting in Lower Fleming
7:45 Dancing Class in Culbertson

FRIDAY, NOVEMBER 4
11:00 Basketball Meeting, 206 Dabney
4:30 Cross Country—Caltech vs. Whittier and Oxy, Tournament Park
Decoration for Interhouse

SATURDAY, NOVEMBER 5
Interhouse Dance

SUNDAY, NOVEMBER 6
7:30 Caltech Musicals in Dabney Lounge
7:15 Film Classic Series in Culbertson

MONDAY, NOVEMBER 7
Beginning of Combined Charity Drive
7:15 Film Classic Series in Culbertson

TUESDAY, NOVEMBER 8
12:00 Y Frosh Lunch Club
Mudeo
7:15 Alumni Placement Talk, Dabney House

WEDNESDAY, NOVEMBER 9
7:30 Orchestra Rehearsal in Culbertson
9:00 Glee Club in Throop Club

ASCE Lecture

Of considerable interest to engineers and scientists alike will be Monday's ASCE speaker, Mr. Derby of the Bureau of Power and Water, who will discuss "Treatment of Water Containing Radioactive Wastes."

Muddy Event

Looms Near

Once again the Sophs and Frosh are about ready to assume the role of mud turtles. The annual mud spree known as the Mudeo, to be held in Tournament Park on Tuesday, Nov. 8, promises to be a real debacle for those sweet young innocents of the class of '53.

Events

Amid cries of "Mire all Frosh!" the Sophs have amassed an impressive team for the following events:

Tug-o-war
Tire spree
Sack race
Wheelbarrow race
"Mudeo" (Tire spree)

Time was when the mudeo included the pole climb and other such events. Today's form, while a little milder, is a real show, long to be remembered by all who participate including those Juniors who are bold enough to act as judges (and a few others). Twice in the history of the school the Freshmen have won the mudeo.

The outcome of the mudeo determines who foots the bill for the annual Frosh-Soph dance to be held Nov. 18 in Dabney Hall Lounge and Garden.

Institutors Going Full Steam Ahead

The Caltech Institutors, having successfully embarked on their program of service to the school, are ready with their enlarged membership to broaden the scope of their activities and to plan ahead their work for the year.

Committee Meeting
The Institutors' executive committee will meet tomorrow at 11:00 in Room 46, Ricketts, to consider possible projects for the future. If anyone has any ideas he would like to discuss with the committee, he is welcome to drop in on the meeting.

Projects
Projects now in progress include the construction of a permanent framework for rally signs, the making of signs for the Consolidated Charities Drive, and the handling of the ASCIT dance decorations.

Spotters

We appreciate the time put in by Fleming Institutors John Morrison, John Gee, Fred Eisen and John Johnston last Saturday, when they acted as spotters for the cross-country meet. Our thanks also to Jim Kliegel and Larry Starr for making the big "Beat Oxy" sign for the Pajamino.

Smog Problems To Be Discussed

Nationwide scientific activity in all phases of air pollution investigation will be covered in general sessions of the first National Air Pollution Symposium to be held November 10 and 11 at the Huntington Hotel, Pasadena, California.

Leading authorities on the instrumentation of air contamination research, the control of airborne matter, meteorological aspects of smog formation and the effects of polluted air on man, animals and plants will discuss scientific progress toward the solution of the growing smog problem in many industrial areas of the country.

Dr. F. W. Went, director of the Earhart Plant Research Laboratory at Caltech, will be among the prominent speakers at the conference. Dr. Went will discuss "The General Problem of Air Pollution and Plants."

SOCIAL WHEELS OF HOUSES, THROOP



The five house social chairmen pictured above have been occupied lately with many varied problems as they prepare for the annual Interhouse Dance next Saturday. At the top: Fernando Corbato (Dabney) and Norm Schroeder (Ricketts); center: Lowell Cockel (Throop); bottom: Myron Arcand and Floyd Humphries (Blacker) and Bud Klarfeld and Ed Matzner (Fleming).

Alumni Talk On Industry

"Industrial Research and Development," the topic of the sixth discussion of the Alumni Placement series, will be explained by Dr. Norris Johnston, President of the Petroleum Technologist, Inc., Montebello, Calif., at 7:15 p.m. in Dabney House on Tuesday.

The discussion will include what this field offers to men in all phases of science and engineering. The topic of most interest will be what companies look for in a man for research and development.

Dr. Johnston attended the University of Minnesota and M.I.T., and received his Ph.D. degree from Caltech in Physics. He has been doing research in various capacities for the following companies: General Electric Co., General Petroleum Corp., Carborundum Co., Firestone Tire and Rubber Co., and Socony-Vacuum Corp.

Math Group Plans Initial Assembly

All Caltech undergraduates who have interests along the lines of math are invited to attend the first Math Club meeting of the school year, which will be held this afternoon at 4:00 p.m. in 22 Gates.

The slate will be open for any "pet topics" which anyone may wish to present or have presented. If anyone is interested but unable to attend this meeting, drop a note in Stan Zwick's box in lower Throop or see Dr. Bohnenblust in Astro (Robinson) and your name will be added to the membership list.

Houses Unite In Charting Annual Fall Merrymaking

Unique Themes For Decorations, Five Bands, Refreshments Promised

Members of the four student houses and Throop Club are working feverishly to complete plans and decorations for the annual Interhouse dance to be held Saturday from 9 p.m. to 1 a.m. They are combining their efforts to give Tech men and their dates four hours of dancing in superbly decorated lounges to the music of five different dance bands.

Each house will decorate its own lounge and provide a band for dancing. The houses traditionally go all out to create the best theme, band, and refreshments. These make the Interhouse one of the best affairs held on the campus during the year.

Dabney Uses Psychology

The men in the southwest corner are featuring a Dali-esque theme. "Surrealism and the Subconscious" will probe the modern mind, and the results should be interesting. Jim Phillips will provide unsualistic Dixie land melodies.

Fleming Goes Oriental

In Fleming one will find a wee bit of the Near East. "A Night in Cairo" (conceived by Matzner, of course) will feature the music of Vern Rowe's orchestra.

Historical Blacker

The Blackerites are dipping into "Early California" history for their theme. Their time machine is being prepared to take people back to the days of the gold rush and the Barbary Coast. Stanley Carle will furnish the melodies.

Rowdies Bet on Races

Hal Neely's orchestra will lead the dancers out of the paddocks at Ricketts "Santa Anita." Complete with pari-mutuels, handycappers, etc., Ricketts promises some fast features for those attending.

Throop Tired of Terra

The off-campus men are going "Out of This World" to the music of Max Bixley's "Just Arrived from Venus" dance band. With or without last year's slides, the Throopers lounge will look like a scene from some other planet. Off-campus Astro-physicists are working hard on details of telescopes and other implements used in exploring outer space.

Federal Job Talks Mapped

Representatives from the Navy Department Joint Board of Civil Service Examiners and the Naval Ordnance Test Station, Pasadena Annex, will be on campus

Wednesday, November 9, 1949 at 4:30 p.m. in 206 Dabney Hall of the Humanities

to publicize Civil Service Examinations for Junior Scientists and Engineers for the Federal Service, \$2498.00 per annum through \$3727.00 per annum.

The occupational fields covered are Chemistry, Metallurgy, Physics, and Engineering (various options)—Place of Employment—State of California, Nevada, and Arizona.

Federal Work

An informal group discussion by Mr. C. A. Weber and Mr. Gerald Foster will explain in general terms the requirements of the examination, method of filing, type of research and development work in Federal Agencies and any other material which may be of interest to the students.

This year's examination covers undergraduate students as well as graduate and it is possible for students who have completed two or three years of academic study toward the BS degree to take the examination for summer employment in Federal Activity. In other words, applications will be accepted from all students who are otherwise qualified and who expect to complete their courses required for second, third or fourth collegiate years, or for the MS degree, by June 30, 1950. Application card 5000 AB may be obtained from the Placement Office at Caltech.

Tanham Interviewed

By Larry Starr

Seeing George Tanham, Master of Student Houses, ditching a history class to get a cup of coffee at Greasy, I decided to corner him and get his first impressions of the men in the student houses. Mr. Tanham seemed to think that history class was as good a time as any to grant an interview, so we talked over coffee and cookies.

The first question I asked Mr. Tanham was, "How do the rules of our student houses compare with the rules in student houses on other campuses?" He answered, "Compared with schools I've known, Caltech has a liberal set of student house rules. The rules here are those of courtesy."

Mr. Tanham went on to point out that the house rules had been drawn up by the students, not by the faculty, and that it was up to the students to enforce these rules. "The Resident Associates," he said, "are in the houses to guide the students

Janssens Enters Frosh Presidency

Tom Janssens, former vice-president of the Freshman class, this week took over the duties of president. Janssens will hold the post vacated by president Manuel Silva for the rest of the first term, since Silva has transferred to U.C.L.A. to take up education. Both officers were appointed by the A.S.C.I.T. Board at the Frosh Camp.

rather than enforce the rules. As long as the students are aware of their responsibilities the rules will remain as they are. It is the individual house member who makes or breaks the honor system in the houses."

When I asked Mr. Tanham about possible improvements in the house system, he put down his cup of coffee and started munching on a cookie while he thought. He then said that the house should insist on more participation on the part of its members in extra-curricular activities. Mr. Tanham was also disgruntled with the students' lack of pride in the appearance of the house lounges.

I asked Mr. Tanham what he thought of the capability of the present house officers and he said, "I think the students did a good job in choosing their house officers for this year."

After talking with him for a while it became apparent that he thought the student government was one of the unexcelled features of the houses. All through our conversation Mr. Tanham stressed the training a student gets by joining in the house government and functions. Speaking about the benefits of residing in a student house, Mr. Tanham said, "I feel that living in the student houses is excellent training for life in a democratic society and conducive to a well rounded and constructive citizenship."

President's Report

Our task of obtaining cooperation of the various charity organizations in the merger into a campus-wide combined drive was met with different degrees of enthusiasm by these groups. In the main, these people felt that participation in a drive such as ours would, in general, bring less return than would a separate campaign. Yet the majority consented to cooperate with us when we made our "campus drives" problem clear to them.

The Red Cross was an exception. Their position is a uniform and universal one, and we have not been singled out for special discrimination; nevertheless, they have declined to participate in our drive.

A condensation of their letter follows:

October 6, 1949.

Dear Mr. MacKenzie:

The question which you propounded (that of a consolidated charities drive), has been thoroughly discussed by our Executive and Finance committee this afternoon, resulting in the unanimous opinion that this Chapter has no authority to deviate from the policy established by the National Board of Governors with reference to joint fund raising.

. . . Their line of reasoning is that Red Cross cannot give up its basic independence inherent in the right to make a direct appeal once a year to the American people. This personal appeal within the month of March, which also takes advantage of national publicity then released, enables the Red Cross to secure,

- 1) A better public understanding of Red Cross service
- 2) Volunteer workers to carry on these service programs
- 3) Adequate financial support for these service programs

. . . We hope that we will not appear uncooperative with what we realize is a sincere desire on the part of your group to work out an effective plan, and we earnestly hope that we will be permitted to pursue our usual plan of solicitation at California Institute of Technology.

Sincerely yours,

(Mrs.) Marjorie J. Williams
Executive Director

It is not our wish that this article be taken as an attempt on our part to reflect or encourage ill feeling against the Red Cross and their splendid work. Their services to the nation in times of disaster and hardship hardly need additional publicity here.

However, the purpose of combining our drives this year is specifically to remove the annoyance of repeated solicitations at odd moments during the year. We feel that we cannot back down on this policy, inasmuch as an exception such as this would invite non-cooperation from other agencies, and the whole plan would be wrecked.

A resolution of the A.S.C.I.T. Board of Directors adopted Oct. 13, 1949, reads:

No personal solicitation of students by an organization other than those in the organized Consolidated Drive and the Y.M.C.A. Drive shall be permitted on campus.

Let me repeat that this decision is final; there will be no additional canvassing, aside from the Y.M.C.A. and we have the support of the Institute in our policy.

Ralph Lovberg

The Evening Concert Musical Masterpieces

KFAC 8-10 p.m.
Presented by the Southern California and Southern Counties Gas Companies

THURSDAY, NOVEMBER 3
Consecration of the House—Overture, by Beethoven. NBC Symphony Orchestra conducted by Arturo Toscanini (9). Symphony No. 2 in B Minor, by Borodin. Chicago Symphony Orchestra conducted by Desiré Defauw (25). William Primrose, Violinist. Sonata for Viola and Piano, by Bax. Harriet Cohen, Pianist (28).

Divertimento No. 7 in D Major (K. 334), by Mozart. London Philharmonic Orchestra conducted by Sir Hamilton Harty (26).

The Prospect Before Us, by Boyce. Sadler's Wells Orchestra conducted by Constant Lambert (24).

FRIDAY, NOVEMBER 4
A Program of New Recordings

Light Cavalry—Overture, by Suppe. Berlin Philharmonic Orchestra conducted by Eric Kleiber (8).

Symphony No. 4 in E Flat Major, by Glazounov. Symphony Orchestra of St. Cecilia Academy, Rome, conducted by Jacques Rachmilovich (24).

Nicolai Medtner, Pianist.

Serenade for Orchestra, by Reger. Concertgebouw Orchestra of Amsterdam conducted by Eugen Jochum (40).

The Virgin's Secret Legend—Last Sleep of the Virgin, by Massenet. Royal Philharmonic Orchestra conducted by Sir Thomas Beecham (4).

SATURDAY, NOVEMBER 5
Otello, by Verdi. Soloists, Chorus and Orchestra of La Scala, Milan, conducted by Carlo Sabajno.

MONDAY, NOVEMBER 7
Raymond—Overture, by Thomas. City of Birmingham Orchestra conducted by George Weldon (8).

Fantastic Symphony, by Berlioz. Concertgebouw Orchestra of Amsterdam conducted by Eduard von Beinum (46).

Jesus Maria Sanroma, Pianist.

Tasso—Symphonic Poem, by Liszt. Berlin State Opera Orchestra conducted by Paul van Kempen (24).

Chout—Danse Finale, by Prokofiev. Boston Symphony Orchestra conducted by Serge Koussevitzky (4).

TUESDAY, NOVEMBER 8
Opritschnik—Overture, by Tchaikovsky. National Symphony Orchestra conducted by Anatole Fistoulari (5).

Symphony No. 1 in C Major, by Bizet.

Philharmonic-Symphony Orchestra of New York conducted by Artur Rodzinski (25).

Yehudi Menuhin, Violinist.

Brandenburg Concerto—No. 2 in F Major and No. 5 in D Major, by Bach. Boston Symphony Orchestra Concerteria conducted by Serge Koussevitzky (33).

Metamorphosen, by Richard Strauss. Vienna Philharmonic Orchestra conducted by Herbert von Karajan (26).

WEDNESDAY, NOVEMBER 9
Les Troyens a Carthage—Overture, by Ber-

KFAC 4-5 p.m. daily
2-5 p.m. Sunday

Presented by the Slavick Jewelry Company

THURSDAY, NOVEMBER 4
Alcina Suite—Handel. Felix Weingartner and Paris Conservatory Orchestra
Concerto No. 3 in E Major—Bach. Giocanda de Vito, Violinist. Geraint Jones and London Chamber Orchestra
Little Suite for Strings—Nielsen. Eric Tuxen and Danish State Broadcasting Symphony Orchestra
"Prometheus" Overture and Ballet Music—Beethoven

FRIDAY, NOVEMBER 4
Paul van Kempen and Dresden Philharmonic Orchestra
"Cinderella" Ballet Music—Prokofieff. Warwick Braithwaite and Royal Opera House Orchestra of Covent Garden

Dances from Galanta—Kodala. Victor de Sabata and Berlin Philharmonic Orchestra

SATURDAY, NOVEMBER 5
Operatic Selections

SUNDAY, NOVEMBER 6
"The Marriage of Figaro" Overture—Mozart. Herbert von Karajan and Vienna Philharmonic Orchestra

Symphony No. 9 in C Major—Schubert. Herbert von Karajan and Vienna Philharmonic Orchestra

MONDAY, NOVEMBER 7
A London Overture—Ireland. Sir Malcolm Sargent and Liverpool Philharmonic Orchestra

Symphony No. 6 in E Minor—Vaughn Williams. Sir Adrian Boult and London Symphony Orchestra

Mephisto Waltz No. 3 "Apparitions"—Liszt. Constant Lambert and The Philharmonic Orchestra

TUESDAY, NOVEMBER 8
Leonore Overture No. 3—Beethoven. Dr. Karl Bohm and Saxonian State Orchestra

Sonata in G Minor—Rachmaninoff. Edmund Kurtz, Violoncellist. William Kapell, Pianist

Amarillis Suite "Scherzo"—Handel. Sir Thomas Beecham and Royal Philharmonic Orchestra

WEDNESDAY, NOVEMBER 9
Vecchio Minuetto—Sgambati. Fabien Sevitzky and Indianapolis Symphony Orchestra

*Symphony No. 40 in F Major—Haydn. Sir Thomas Beecham and Royal Philharmonic Orchestra

The Twenty Four Preludes—Chogrin. Artur Rubinstein, Pianist

Iloz. Paris Symphony Orchestra conducted by Pierre Monteux (4).

Symphony No. 6 in F Major (Pastoral), by Beethoven. Symphony Orchestra of the Augusteo, Rome, conducted by Victor de Sabata (40).

Ebe Stignani, Mezzo-Soprano (33).

Symphonic Dances on Norwegian Themes, by Grieg. Indianapolis Symphony Orchestra conducted by Fabien Sevitzky (22).

Potpourri

By Bob Crichton

Members of Caltech's Management Club, composed of Institute supervisory personnel, recently contributed \$600 to Tech to assist a worthy undergraduate student.

* * *

I was amazed to notice Oxy's bad taste in departing during the singing of our alma mater. Adding insult to injury and further revealing their barbarian mentality, they gave a concluding yell during our college hymn.

* * *

Since I have a brittle break this week, let me comment that while I think "Hit 'em again, harder, harder!" is a very good yell, it seems out of place while an Oxy man is being carried off the field.

* * *

One of the most interesting and colorful people on the campus is J. Mike Sellen, the only waiter in Fleming who is not a member of the waiters' union. He is one of those rare people who bring some of their "joie de vivre" to the most mundane tasks of life. You ask for seconds, and he'll bring you potatoes, "that look like Italian volcanoes." He hums snatches from Rigoletto while he serves you, and his motto is "prompt, courteous and efficient." Each week he prints a slogan on his waiter's jacket (for the edification of the union). Last week's was "J. ('the dirty one') Miguel, kind, considerate, sympathetic." This week, it is "Eat, drink & be merry . . . faster."

* * *

Anyone who hasn't seen it, will get a boot out of the faculty group picture that was taken at New Student Camp. It is in the center section of the October issue of Engineering and Science Monthly.

* * *

Have you ever thought dangerous thoughts about the Income Tax? What would you think if the Bureau of Internal Revenue sent agents out to ask your neighbors if you read the Wall Street Journal, went to parties where there were people who read the Wall Street Journal, or if you had ever said that tax laws ought to be changed. If you would be worried by this intrusion into your private life, read Bernard De Voto's article, "Due Notice to the F.B.I." in the October Harper's, which is in Dabney Library.

* * *

A horse, a cow and a jackass were discussing their contributions to the World War (I). The horse said, "I've borne officers,

(Continued on Page 4)

CAMPUS BREWINS

Pulling our betrayed, tattered beat out of the whirling blades of midterms, we detect the familiar sensation of an editor looking down our neck, and hasten to grind out a series of sentences that will be, after said editor has deleted all active verbs, adjectives, proper nouns, and propositions, the weekly Roond Broons.

The Pajamarino (we will adhere to the traditional spelling, in this insecure world) and Oxy game came off as scheduled, although with slightly more satisfaction attendant to the former than the latter. Former Blacker proxy Warren Marshall was seen, as the Bowl slowly flushed itself after the festivities, sadly remarking to some pink-cheeked undergraduate, "Well, it looks like we're reinstating some of the good old prewar traditions." This grievous lack of the fighting spirit, which is often the Beaver's sole asset, we attribute to the weakening of Warren's moral fiber. He has been married just one month—a word to the wise would be deleted, anyhow.

We noticed with gratification the enthusiasm with which the Class of '53 threw itself (or was pushed) into the empty crate procurement project. At the end of the week, when the count was made, a terse announcement from Dabney's own T. S. was found on the bulletin board. It commenced:

Congratulations!

We are not at the bottom of the list for number of boxes procured.

We are next to the bottom.

Needless to say . . .

Thanks to the forethought of the respective Presidents of all the local Student Bodies, an elaborate "no raiding" pact was drawn up that almost reduced the box guards' duties to defense solely against zealous Tech upperclassmen, who spent their evenings sneaking into the former Tournament Park (now the California Institute of Technology Athletic Field), creeping up to the pile of boxes, and then chewing out the frosh for not apprehending them. We remember a Colonel in the Army who got himself shot doing this to his guard, but, fortunately, the frosh were unarmed. We say "almost" because, in a fit of pique induced by some inexplicable aberration of the plumbing over at their camp, the Occidentals ceased pursuing their liberal arts long enough on Wednesday night to manage one abortive raid.

We report with pride that the Hero of the Week, Jim Wilcox, is still normal. Walking up at the Huntington Hospital, his first request was for pencil,

paper, and his nurse's address.

The Good-Loser Party after the game was very well attended by Oxyites and was only marred by the obnoxious attempts of one superrighteous Techman who, about the middle of the evening, went tromping about turning on lights on the theory that "I have a date here tonight and I don't want her embarrassed!" Your first date, chum? Blackerfrosh Vartanian rode home from the dance with his date in the back seat of John Howell's sleek Buick, with three guys, sans dates, in front; next day Vart's date called Howell asking him to return her sweater, which she sweetly informed him she had left in the back seat. Honors also to Blacker's Stefanides, who last weekend redeemed his previously reported faux pas on the Blacker balcony by keeping his Oxy date out there an hour and a half this weekend, in proof of his questioned masculinity.

Malanowski, seen with surprise with a date Friday night, ran out of gas down by the Rose Bowl and had to beg a ride back to the dance. Madden, also seldom seen, was there kicking up his heels with a local working girl who had accosted him on a street corner earlier in the evening.

Saturday night at the Blacker Rollerparty, Waiters' "Head" MacKinnon went stag, probably hoping to "pickup" some single female skater—off the floor, Mac? While Blackerites skittered on skates, the Lemmings "threw" a theater party; notable among the attendants were Big Don, Fairall, and Vern Edwards, a suave crew of socialites who cunningly lured their dates to Edwards' room to hear him play his gee-tar—an enticing lure, no doubt—sorry we didn't think of it first.

Pardee turned up at the party Saturday with a cooling high school junior celebrating her 16th autumn, who is very much impressed with Stevie—even got Peck a date with one of her classmates! "Catch them young and bring them up your own way."

The Ottestadler was the scene of a particularly damp (internally) group of Darbs Saturday night. They had an official "this is not a house function" function, this time in honor of Hallowe'en. Ottestad's little bungalow, complete with genuine bats (or at least, very genuine evidence of their presence overhead), no lights, creaky, Inner Sanctum-type doors, and occasional screams (origin undetermined, but suspected) was probably as eerie as it had been in its long (70-year) life.

(Continued on Page 4)

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, Cal.

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

Earl Hefner, Editor

EDITORIAL STAFF

Managing Editor.....Bob Kurland

News Editor.....Bruce Stowe

Sports Editor.....Leon Michaelson

Feature Editor.....Bill Wright

News Staff.....Tom Benson, Fred Drury, Bob DeGrasse, Tom Gunn, Dan LeMay, Tony Malanowski, Duane Marshall, Ulrich Merten, Lawrence Starr, Budd LeTourneau, Robin Williamson, Bob Perrell, Bob Stanaway, Dave Banks

Special Writers.....Dave Banks, Bob Crichton, Carl Fox, Oly Gardner, Jon Goeker, Lawrence Starr, Bill White

Copy Staff.....Charlie Steese, Chief Charles Benjamin, Sigurd Chamber, Fred Drury, Barney Engholm, Dave MacDonald, Bob Munro, Tom Connally

Photographers.....Bob Parnes, Chief George Stranahan

BUSINESS STAFF

Manager.....Bill Bradley

Circulation Manager.....Chuck Walker

Business Staff.....Charlie Steese

ON THE RECORD

Occidental Dunks Beaver Aqua Polo Squad, 7-2

The Occidental mermen halted Caltech's winning streak at two games as they dunked the Beavers by a score of 7-2 in Tuesday's game. This was a bitter pill for the Engineers to swallow as they had been gunning for a victory over the Tigers since the beginning of practice.

Tight Half

The first half the teams seemed evenly matched and the outcome was in doubt, as the half-time score stood at 3-2, Oxy. Both teams looked sharp with good passes and excellent guarding.

No Points

The story was different in the second half. The Beavers seemed unable to stay organized, or to keep possession of the ball, whereas Oxy continued its even play. The Tigers scored four points in this half while holding the Engineers scoreless.

Compton Sunk

Last Friday the Beaver tankers sank a spirited Compton seven by a lopsided score of 8-1 in the P.C.C. pool. The Compton mermen, having come with a poor opinion of Caltech aquatic prowess, were forced to reconsider as the Engineers proceeded to bombard the Compton goal for four points in the opening quarter while holding Compton scoreless.

SPEAKIN' SPORTS with Mike

A top secret communiqué from France gives us reason to believe that the Goon is creating a bit of havoc in French basketball annals. As unofficial as the data may be, we may be somewhat certain that Paul Saltman is blazing a starry trail to high hoop fame. All hail, graduate Goon!

Tears

Wringing out my tear-drenched beach towel filled in last Friday's Oxy encounter, I find many and more excuses for the Beaver eleven's sad defeat.

We could again point proudly to the statistics and mutter something like "We out-played them." Mr. Queensberry and his narrow-minded bunch of followers, however, seem to think that the scoreboard is the final analysis of victory. I am afraid we must concede his point.

Play Football?

On the basis of the games-won-to-games-lost ratio, we may join the "Why play football?" school. But it's more than that. Keeping flag-waving at a minimum, we can still maintain that we need a football team. For the greater part of us it can be said

(Continued on Page 4)

Beaver Sports

Tech Outruns S.B. Harriers; Oxy, Whittier Meet Friday

Coming back strong after a poor showing against P.C.C., the Caltech cross-country team overtook the Santa Barbara runners, 22-35, last Saturday at Tournament Park. It is said that this defeat took all the joy out of the Santa Barbara football win over the Cal Aggies later the same day.

Run so early in the morning that few spectators were up, the meet, under a hot sun, saw a well bunched Caltech team display some of the strength that made them conference champs last year. Our team took first, second, fifth, sixth, eighth, and ninth to out class Santa Barbara in the three-mile run. Final places were: 1—Mason, CT; 2—Pilkington, CT; 3—Houtz, SB; 4—Crie, SB; 5—Houser, CT; 6—Cobb, CT; 7—SB; 8—Sellen, CT; 9—Dickinson, CT.

Conference Meet

Tomorrow the first conference run will be held as Caltech

plays host to Whittier and Oxy at Tournament Park. In addition to the Varsity meet of three miles, a promising Frosh team will compete over the two-mile course. Inasmuch as the Frosh team determines in a large part our potentialities for next year, this meet will be of considerable interest to those who would rather win meets than build character. Time is 4:30, so those of you who can spare the time should wander over to the Park and witness someone suffering more than you.

Hoopmen Begin Initial Practice

Basketball is in the air again. Tech men seem to have a great deal of enthusiasm and anticipation for the coming season. The turnout is expected to please both Varsity Coach Shy and Frosh Coach Preisler, both of whom look forward to the coming year with great plans and much optimism.

Organization Meeting

All men planning to go out for basketball, both Varsity and Frosh, are requested by Coach Musselman to attend a Basketball Meeting tomorrow, Friday, 11 a.m. in 206 Dabney for preliminary instructions. Anyone at all interested in joining the squad is also encouraged to attend this meeting.

The Varsity squad will start its practice sessions next Monday, November 7, at the Armory. Frosh practice will not start till after the interhouse basketball season is over. Their first practice will be held November 16 at the McKinley High School.

First Game

The Beaver Bucketeers will battle in their first contest this year against Los Angeles State College on November 22. Other games this quarter include Chapman, P.C.C., and LaVerne. Tech will start the S.C.I.C. competition next quarter at Redlands on January 7.

Fortunately we have abandoned the Armory for home contests and all our home games are scheduled to be played at the new P.C.C. gym and, what's more, two of these home games will be double headers with Oxy acting as co-host. A good

(Continued on Page 4)

Tigers Victorious; Beavers Lose 42-7

Tech Gridmen Cop Statistics As Oxy Scores Via Engineer Botches

Although the Beavers went out with high hopes and good intentions Saturday night, they were their own undoing. It wasn't spectacular play by the Tigers so much as spectacular Engineer mistakes that ran up those 42 points to our 7.

As in the Pomona game two weeks before, our offensive made more points for the opposition than for the home team. If we could erase three fumbles and two pass interceptions from the record and the points scored as a result of these mistakes, it wouldn't look like we'd been clobbered so badly.

First Blood

Oxy opened the scoring with a kickoff runback straight from their 11 to our goal line. We took the next kickoff, made a first down, then gave Oxy the ball on our own 35 in the form of a fumble, so they could score again. And then again we fumbled in our own territory, on our 24, so that the first quarter ended 21-0. Another fumble in the second quarter and two intercepted passes in the last half completed the Tiger scoring.

Babe to Baker

Tech made its way into Oxy territory twice during the first half, but was unable to make it to paydirt either time. The second drive featured Karasawa's 37 yard pass to Baker as the team got to the 22, was forced back to the 30, then lost the ball on downs.

In the last quarter Babe threw another long one to Carson to start our only scoring advance. Karasawa then ran and passed the ball to Oxy's 2 where Woody hurdled the line for a touchdown.

Mishaps

A greater blow than losing the game, were the several Engineers lost to the injury list. Jim Wilcox suffered most, getting a broken leg. Lewis chipped a bone in his ankle, while Karasawa may have received a slight concussion.

Woody came through with some powerful line plunging to help give us an 18-9 first down

(Continued on Page 4)

Stone Paces Rowdies Bowling

Ricketts surged back into first place in the Interhouse Bowling League by taking a clean sweep of all of its eight games Monday. Dabney moved up to a tie for fourth spot by winning four games, while Blacker and Throop won three, and Fleming took two.

Ricketts team Two continued its hot streak by piling up an enormous series of 2182 pins, including a 752 single game.

Standings after four weeks:

	Won	Lost	Pct.	Ave.
House Ricketts	23	9	.719	145
Throop	24	12	.667	140
Fleming	14	18	.438	130
Blacker	11 1/2	20 1/2	.359	127
Dabney	11 1/2	20 1/2	.359	120

Ralph Stone of Ricketts walked off with all individual honors this week by plastering the pins for a big 193 mark, then following through with a pair of 168 tallies for top series of 529.

PASADENA BOWLING COURTS

970 East Colorado
Headquarters of Caltech Bowlers
Open 11 a.m. to 1 a.m. SY. 3-1341
Special Student Rate before 6 P.M.
except Saturday, Sunday, and Holidays
20¢ Per Line

HOUSE JACKETS

Corduroy and Flannel
Mens' Distinctive Fashions



881 E.
Colorado

Fowler & Schrader
Open Mon.
& Fri. Nights

"Men's Distinctive Fashions"

On Laundry Day

LOOK FOR ONE OF THESE MEN
Ricketts—John Moss • Dabney—Ed Worrell
Fleming—Ken Hammond • Blacker—Pete Howell

He Is Our Representative in Your House

Speedway Laundry

EXPERT LAUNDRY SERVICE

We Highly Recommend

Carl's Caltech Barbers

On California St.
Near Lake

JOHN'S BICYCLE SHOP

SINCE 1909
• BICYCLES
• TENNIS
• BADMINTON
42 North Fair Oaks Ave.
Pasadena
Telephone SYcamore 2-4767

Ice Skating

Daily 2:30 to 5, 7:45 to 10:45
Sat. & Sun. Morn. 10 to 12:30
Skates for Rent
Instructions

Pasadena Winter Gardens

171 South Arroyo Pkwy.
SY. 2-7151 RY. 1-6066

Yes, Camels are SO MILD that in a coast-to-coast test of hundreds of men and women who smoked Camels—and only Camels—for 30 consecutive days, noted throat specialists, making weekly examinations, reported

NOT ONE SINGLE CASE OF THROAT IRRITATION DUE TO SMOKING CAMELS!



ON THE RECORD

(Continued from Page 2)
whole.

Don Giovanni

Monday night Don Giovanni was the opera presented. Italo Tajo, singing the title role, showed he could act as well as sing. Salvatore Baccaloni was particularly satisfactory as Leporello. The same general remarks could be made concerning the excellence of the production of this opera as of *Tristan und Isolde*. One wishes that the opera season in Los Angeles weren't so short.

The first concert in the current season of the L.A. Philharmonic Thursday night was a very pleasant surprise. It would be hard to draw a generalization about the Philharmonic from its opening performance. However, if its subsequent concerts are as good as the first, Los Angeles has virtually a new orchestra on its hands.

The improvements were apparent throughout the evening. Greater unity in the strings, under their new concertmaster Jacques Gasselin, was evident from the first bars of the Bach "Fantasia in G Major" to the last bars of the suite from "Der Rosenkavalier," by Strauss.

The woodwinds, quite good last year, have nevertheless improved, and played last Thursday with greater delicacy and control than they have shown before. The most obvious improvement was in the brasses, the cause of headaches to better orchestras than the Philharmonic. In the Berlioz "Symphony Fantastique" they had a prolonged opportunity either to show off or show up. The results were in their favor.

Concert Schedules

NOVEMBER 4
L. A. Philharmonic Orchestra. Alfred Wallenstein, Conductor. Orchestral program. Pasadena Civic Auditorium
NOVEMBER 10-11
L. A. Philharmonic Orchestra. Alfred Wallenstein, Conductor. Concerto in G minor for Oboe and Strings, Handel. Prague Suite, Op. 65, Casella. Four Slavonic Dances, Dvorak. Symphony No. 1 in C Minor, Brahms. Philharmonic Auditorium. Thursday evening, 8:30. Friday matinee, 2:15.
BACH FESTIVAL
NOVEMBER 4, 8:00 Alice Ehlers, harpsichordist assisted by violin, viola da gamba, and flute. Immanuel Presbyterian Church Choir
NOVEMBER 5, 8:00 St. Luke's Choristers. Clarence Mader, Organist. Linda and Guy Pottle, Violinists, with Joy Pottle, Pianist. Fern Sayre, Soprano Soloist. Masterworks Chorale
NOVEMBER 6, 7:45 Brass Choir. Cathedral Choir and Conservatory Symphony. B Minor Mass. All three concerts at the First Congregational Church, 535 South Hoover, L. A.

Pasadena Alteration Shop
Men's and Women's Apparel
EXPERT WORKMANSHIP
Virginia Moffler, Mgr.
528 So. Lake Ave., Pasadena 5, Calif.

OAK KNOLL

Cleaners
and Laundry

LET A VET SERVE YOU

THREE DAY

Cleaning Service

FOUR-DAY LAUNDRY

902 East California Street
(4 Doors East of Lake)
SY. 3-6704Next Door to
Caltech Barber Shop

CAMPUS BREWINS

(Continued from Page 2)

Discouraging perception was shown by D. Royce's blind date—though that was all that was discouraging about her. Royce picked her up with a shapeless, blue high-altitude suit covering him from ankle to wrist, and further concealed behind dark glasses. Upon arriving at the candle-lit party, she repaired to the powder room, and Kurland hurriedly crawled into Royce's suit and glasses. Upon said date's return Kurland greeted her with a possessive, "Let's dance, Jackie," to which she coolly replied, "How did you know my name?" Oh, well, "The best laid plans . . ."

Calmest man of the evening was Robbie Williamson, who was unconcernedly sipping his drink (the eighth) and chatting while Dick Welch, Harvey Johnson, and three upset Schimpff Misses kept agitatedly pointing out that only 40 minutes remained for the 45-minute ride to the Pristine Enclosure. They made it, but they had to slide. "Dutch" was blessed with a woman from **out there** who promptly drunk him under the table—no mean feat.

The squares assembled in the Rowdies' lounge last Saturday eve and put on a rhombic imitation of a Bimbel's basement sale. In the middle of the stampede stood Stontor Al Marshall, with his good ole corn-fed voice enunciating a call sounding remarkably like **sooo-eee, pig, pig, pig**. When everybody got tired

POTPOURRI

(Continued from Page 2)

pulled caissons and even died on the field of battle." The cow then said, "I've given my all, milk, butter, cheese, meat, skin and horns; yes, I've given my all." At that point the jackass jumped up, interrupting, "Hee-haw, if I hadn't been in the diplomatic corps, there wouldn't have been any war."

* * *

Last week, I thought I had all the mistakes ironed out of this column, so when I got down to the paper office, I made a bet with Hefner, one hamburger per mistake. Well, I was pretty sleepy when I retyped it, and four terrible errors drifted into my text. Well, I paid off the four burgers, but the laugh of the evening came when Steese, who paid for his own, pried up the lid of his 'burger, and to the horror of the waitress, exclaimed, "It's dead!"

* * *

Any person on campus who has any comments, criticisms or hot tips for this writer may send them through the campus mail, or leave them in the C box in lower Throop.

(early, happily) of dancing in four-sided polygons, someone (not H. Ellis) turned out the lights, whereupon the figures became much less geometrical. Little known operators such as perpetual snake Dave Eliot (with some girl with an improbable name) were there.

SPEAKIN' SPORTS

(Continued from Page 3)

that when we hear the name of Notre Dame, Michigan or Minnesota we don't even think of their scholastic record but of their football prowess or their last Rose Bowl venture.

NOTORIETY

Tech is noted for its weak football team. But it is noted! Too bad we're in the unfavorable column, but since people choose to remember schools by their participation in football, we must continue our gridiron endeavors. If one maintains that notoriety is not necessarily to be desired in a technical school, let

TIGERS VICTORIOUS

(Continued from Page 3)

edge. Bain Dayman shone on pass defense, his speed and zeal foremost in the minds of Tiger receivers.

HEADS UP

It would be easy to over-rate the Tigers on the basis of last week's game, since Tech helped them with so many mistakes. Still Oxy must be given credit for being alert enough to recover our fumbles, intercept our passes, and generally take advantage of our miscues.

Lineups:

Caltech (7)	Occidental (42)
Carson	LE McClung
Berner	LT Lomen
Reed	LG Anderson
Hanna	C Armstrong
Marks	RG Else
Miller	RT Schlossman
Moore	RE Andrews
Schofield	Q Johnson
Baker	LH Schlegel
Lewis	RH Tassel
Occidental	F B. Ingersoll
Caltech	21 7 7 7-42
	0 0 0 7-

him also admit that we need no school spirit, thereby subjecting ourselves to a cold 19th century education.

Nothing could compare with football as a nucleus for forming Tech spirit. From my gopher hole in the center of the Rose Bowl Friday, I could see no one moving from the stands even when the lop-sided scoreboard blazed 42-7 in the last minutes of play. Made me feel good, how about you?

HOOPMEN

(Continued from Page 3)

spectators' program is in store. The Varsity squad will be much the same as last year except for the graduates Bass, Bruington, Saltman and Vreeland. Veterans Cox and Montgomery will be on hand to welcome from last year's Frosh squad such standouts as as Grey, Karasawa, Michaelson, Snider, Stewart, Patapoff, Tautz, etc. Bowen, Baker, Tyson, Michaelson and Karasawa will not be out for practice until the football season is over. Libby has a conflict with water polo and Butler is recovering from an appendectomy and is not expected to be out for practice right away. We all hope Sereno's football hand will be in sufficient repair so that he may see service on the squad before too long.

Don't forget that meeting tomorrow at 11 a.m. in 206 Dabney for all those men interested in joining and making a winning basketball squad.

TECH WHIPS UP

(Continued from Page 1) accelerate in the expansion section, air at tremendous pressure blasts through a tiny slit, the approximate thickness of a sheet of paper. When the air suddenly expands into the test section, the temperature drops to about 430 degrees below zero Fahrenheit, while the pressure drops to about one millimeter of mercury, or 1/1000 of normal atmospheric pressure.

Caltech Pharmacy

COURTESY . . . SERVICE
SATISFACTION
Dependable Registered Pharmacists
Prompt Free Motor Delivery
882 East California Street
SYcamore 2-2101
Pasadena, California

Veget & Cathey

MEN'S CLOTHING
FURNISHINGS

Fridays till 9:30 p.m.

459 East Colorado Street
Sy. 2-3871 - Pasadena 1

"SMOKE MY CIGARETTE..."

MILDER CHESTERFIELD"

Glen Ford
STARRING IN
"MR. SOFT TOUCH"
A COLUMBIA PICTURE

