

Oxy Entertains At Pajamarino

Spirit for Oxy Game
Built Up at Night Parade

Pajama-clad Techmen again celebrated the traditional pre-Oxy game Pajamarino Rally with the traditional picnic supper in Tournament Park, the traditional bonfire and pep-rally, the traditional march through the streets of Pasadena, and the not-so-traditional variety show given by Oxy talent.

Official Escort

Escorted by several motorcycle policemen and the mobilized band, a line of battered automobiles and hundreds of pajama-clad students marched down the main streets of Pasadena to the American Legion Hall, inspired by cheering and "to hell with Oxy," after the supper, yell session and snake dancing around the 50-foot bonfire.

Techmen in Legion Hall saw Art Cuse, and his costume of night shirt, nightcap and red kerosene lantern (see adjoining picture), awarded first prize by popular acclaim in the contest for the most unusual night-gear. Prizes were donated by Fowler and Schrader, Atkinson's and Nash's.

Other entertainment at the show held at Legion Hall was provided by an Occidental crew. Truman Fisher started the show off at the piano with a comedy routine.

Great Drama

After some group singing to quiet the unruly crowd, Oxy brought out Kathy Arsdale, who rendered "Lover Come Back to Me" and "It Had to Be You."

Next a quartet ran smoothly over "Silver Dollar." A monologue entitled "Moving Day" preceded the main event of the evening, the thrilling melodrama, "Adam's Balm." The Tech men laughed and applauded vigorously in response to the whole show; and as a last token of enthusiasm shouted, "To hell with Oxy!" before going home.

SENIORS!

The first senior class meeting of the year will be Monday at 11 a.m. in 201 Bridge.

On the agenda are plans for class rings, graduation announcements, caps and gowns, class gift, junior-senior garden party, junior-senior prom, and class day.

Seniors and grad students please return the questionnaires to the Placement Office, Room 120 Throop.

Debate Squad Schedules Meet

The following members of Caltech's debate squad are scheduled to take part in the Los Angeles City College practice debate tournament this week end: Upper division—Ulrich Merten, Carl Larsen, Stan Groner, Bill Kemmel, Art Savran, and John Rogers. Lower division—Swaroop Bhanj Deo, Michael Lourie, Alex Dessler, Hal Martin, Dick White and Irwin Rubenstein.

Swaroop Speaks

Swaroop Bhanj Deo, last spring's Conger contest runner-up, represented Tech in the extempore speaking section of the Southern California Speech Clinic held last Saturday at Los Angeles City College.

Other Tech debaters who attended the speech clinic and luncheon session last Saturday included the following: Ulrich Merten, Carl Larsen, Stan Groner, Bill Kemmel, Art Savran, John Rogers, Dick White, Ken Nicholson, Hal Martin, Alex Dessler, Ed Eylar, Olly Gardner and John Fee.

Squad Still Short

According to Dr. McCrery, forensics coach, there are still a few spots open on the squad for Caltech students who are interested. Meetings are weekly on Wednesdays, from 4:00 to 5:30 p.m. in Dabney 209.

SCENES FROM THE BIG NIGHT



Kathy Arsdale renders song d'amour; gay Tech band highlights pajama march; the villain appears disinterested; fantastic uniforms blind audience in pajama contest.

Pauling Tells Civic Activities Of Scientists

"The Responsibilities of the Engineer and Scientist as a Citizen" was the topic discussed by Dr. Linus Pauling, head of the chemistry department, at the Y Upperclass Lunch Club last Thursday, October 19.

Aristotle

Dr. Pauling based his opinions on a quotation from Aristotle, "Young men should be mathematicians, Old men should be politicians." Therefore, he said, the young scientist should in general stay out of politics, and concentrate on making a success of his professional career, when he will be making his impression on the world. Political activity may be dangerous to the young professional man launching his career.

Young Liberals

Experience has shown that younger men are apt to be more liberal in their ideas than older men, said Dr. Pauling, and it is important that some at least of those who later engage in political activity retain their young ideas. Of course, all this advice pertains not only to politics but to clubwork, civic and cultural activity, religious activity, etc.

Scientific Viewpoint

An engineer or scientist who goes into politics after having had experience in his field can make a significant contribution to society, since he can attack civic, national and world problems from the technical viewpoint so necessary in today's technological civilization, and so rare in today's social and political leaders.

Today the Upperclass Lunch Club will meet for a general discussion of topics and speakers for future meetings.

Last Tuesday the Y Frosh Lunch Club had their first meeting, featuring a talk by Dean Paul Eaton on "You and the Draft."

A Caltech Tradition . . .

As midterms draw near, it seems appropriate to bring again the Honor System to the attention of the Student Body.

There seems little reason to remind the major part of the Student Body that we are still living under our traditional honor code.

This article is therefore a reminder to the one or two people who have possibly forgotten our system over the summer months and a recollection that although we hear little about it, there still exists a Board of Control which, sadly, must go into action should a violation necessitate it.

Success Depends on US

It cannot be overemphasized that the success of the Honor System depends very much on us as individuals reporting suspected violations immediately.

Your cooperation is necessary: remember the procedure:

(1) Announce to the class any suspicion, withholding the identity of the suspect.

(2) Report the suspected violation for Board consideration. Such a report is not evidence against the suspect nor does it mean that a trial will be called. In any event no record is ever kept unless a person is found guilty, and this only in private files in the Dean's office.

Questions?

If there are any questions whatsoever concerning the Honor System, you should not hesitate to question any member of the Board: Olly Gardner, Stan Groner, Ulrich Merten, Neal Pings, Dallas Peck, Henry Richter, John McCourt, Jerry Ross, Mike Lourie, Bill Partridge, and Jack Christopher.

LOOK FOR NEXT WEEK'S ARTICLE ON THE HONOR SYSTEM.

Olly Gardner,
Chairman, Board of Control.

Polling Places

Official polling places for today's First Rep election are as follows:

East Bridge	11:00-1:00
Dabney Hall	11:00-4:00
Lower Throop	11:00-1:00
House Courts	12:30-1:00
Ricketts-Fleming Court	1:00-4:00

Little "T" Appears After Difficulties

One of the many "gems" at Caltech, the Little T, has finally arrived, and Editor Duane Neversman has announced that distribution will be made this week.

On-campus students will get their copies at their respective houses, while off-campus students may pick up their copy for the asking at Throop Club any day during lunch hour.

New First Rep Elected Today

Cuse, Perpall Vie for Position
Vacated by Bob Davis' Marriage

Elections for the office of ASCIT First Representative will be held today. Nominees for the office are Art Cuse, a senior, and Bob Perpall, a junior.

The First Representative acts as the ASCIT Social Chairman, and is responsible for arranging one ASCIT social function each term. He is also a voting member of the ASCIT Board of Directors and of the honor point committee.

150 Parents Tour Campus

Touring the Caltech campus last Saturday were some 150 parents of new CIT students, in a specially held "Parent's Day," featuring visits to campus projects, talks by members of the faculty, and, as a climax to the day's events, the Caltech-Oxy football game that evening.

The Word

Parent's Day began with registration at 9:30 a.m. and at 10:00 a meeting was held in the Dabney Gardens. Dean Strong presided and speeches were given by Ulrich Merten, ASCIT president; Dean Jones, Dean Strong, Mr. Tanham and Dean Eaton. Also present were many members of the faculty who are in contact with the freshmen.

Sparks Fly

At noon everyone adjourned to the Athenaeum for lunch. Featured at this time were several speakers including Dr. DuBridge.

After lunch there was a guided tour of the campus, beginning with the High Voltage Lab, and including such points of interest as the hypersonic wind tunnel and the van de Graff generator. Some of the parents whose sons were on the football team went to see the game instead of the tour.

Tea for . . .

After the tour there was a tea, and tickets were sold for dinner in the Student Houses and also for the Caltech-Oxy football that evening.

Many of the visitors came from great distances, combining their vacations and this chance to visit Caltech. The parents of one frosh at least are known to have come from Washington especially for this occasion.

BIG T PICTURES

Off-campus graduates, including Throop Club members, house social members, and non-affiliates, who have not yet made appointments to have their Big T individual pictures taken, should do so at the Instituter's booth in front of Dabney Hall today or tomorrow noon, or their picture will be left out of the annual.

All students should keep their appointments as scheduled, wearing a dark coat, white shirt and tie, and should bring \$1.25 to pay the photographer.

New Saturday Art Course

The division of humanities is inaugurating a course in art on Saturdays for all students of the Institute on a non-credit basis. Mr. R. B. Beaman of the University of Redlands has been appointed Stickney lecturer in art, and he will be available for instruction, criticism and advice in Room 04 Mudd every Saturday from 9 to 12 and 1 to 3.

Classes Saturday Morning

At 9 a.m. every Saturday there will be a class in composition for those who lack experience as artists and want to try their hand in any one of various media while learning something of the structure of the visual arts. Studio problems will be assigned and discussed. In general, the greatest latitude will be given to individual interests.

This new project of the humanities division comes as a result of suggestions by various members of the student body and faculty, particularly from Professor Harold Wayland.

On Saturday afternoon students and members of the staff who are already engaged in one of the visual arts are welcome to come in for discussion of their work. There is no intention of limiting the studio to painting.

Exhibits Arranged

In addition to the teaching program a series of exhibitions of contemporary painting is being arranged by Mr. Beaman to be hung in Dabney Lounge. The pictures will be changed every two weeks and will feature work in architecture and photography as well as paintings by well-known artists.

Art Cuse's qualifications include being a jazz expert, being in close contact with the social chairmen of Scripps, Oxy, Muir and PCC, and helping on the Blacker social program. He is a member of the sailing club, ASME, and SAE, and he has written for the Tech and the Big T. Last year he was a finalist in the McKinney Prize Contest.

Vote Today!

Bob Perpall feels that although many other men are as qualified as he, he has a great deal of interest in this kind of work, and interest, he says, is the most important thing. Bob has had experience as social chairman in high school and in helping to plan Fleming's social program. His other activities include track, writing for the Tech, and being an Instituter.

Redlands Rally Roars Friday

Cheer Leaders Chuck Miller, Leon Vickham and Jim LaTourrette will spark the Redlands Pep Rally tomorrow morning at 11:00 on the north side of the synchrotron lab to put the varsity football team in a fighting mood for the game with Redlands Saturday night in the Rose Bowl.

The band will be there to assist and lead the ralliers in songs and yells. Chuck Miller urges everyone to come, and "build up some more of that spirit shown at the Oxy game last Saturday."

ASCIT Charity Drive Next Month

The ASCIT Consolidated Charities Drive for this year will be held from November 13th-17th, under the chairmanship of Olly Gardner. This will be the only fund-raising drive of the year with the exception of the local YMCA drive in the spring.

Goals for this year are \$1250 for the World Student Service Fund, \$750 for the Pasadena Communist Chest, and \$750 for the March of Dimes, totaling \$2750.

CIT Demonstration Lectures for '50-'51

Outstanding members of the faculty will again present talks on timely and interesting topics in their special fields in this term's series of Friday evening lectures.

These lectures are open to the general public as well as students. They are held each Friday at 7:30 p.m. in Room 201 Bridge, and there is no admission charge.

Schedule

The schedule for the remainder of this term is as follows:
Oct. 27—"The History of Bears," by Professor Chester Stock.

Nov. 3—"The Northern Lights," by Dr. Sidney Chapman, Sedleian Professor of Natural Philosophy, Oxford University.

Nov. 10—"The Theory of Games," by Professor H. F. Bohnenblust.

Nov. 17—"The Air Pollution Problem," by Professor A. J. Haagen-Smit.

Dec. 1—"The National Geographic Society Palomar Sky Survey," by Dr. Albert G. Wilson.

Dec. 8—"The Atomic Structure of Metals and Alloys," by Dr. David P. Shoemaker.

Not to Be Taken for Granted

Nothing—absolutely nothing—can be so trite as a lengthy editorial on that hashed and traditional subject, "School Spirit." Just as nauseating as expressions like "a good time was had by all," "plans are nearing completion for the gala event," and "this weekend will be a busy one for Techmen" is the ancient and over-used exhortation, "Come on, boys, let's everyone get out and support the ole home team this Saturday!"

Judging from the healthy enthusiasm the student body has demonstrated during last week, we don't believe any persuasive pleas are NEEDED. Rather, we should like to set forth a few words of congratulation.

Outside reports have confirmed our opinion that the spectator stands at Occidental College were on Saturday night a scene of outstanding esprit de corps. Both sides represented were especially spirited, but Caltech, as the legendary underdog, has been warmly commended by even the opponents for 1) the excellent manner in which the Engineers played the game on the field, and 2) the undying zeal of the student body up in the stands.

Unable to measure this zeal in decibels and blood pressure, we can only describe what we observed in approximate, subjective terms. But to us, the frequent, spirited cheers, the loud shouts which greeted the team after every huddle, the ringing of bells, blowing of horns, and whirring of sirens, the general animation evinced on the spectators' faces—all speak for the great success of the evening much more than can be read from a scoreboard.

It is truly heartening that, in spite of the obstacles of a small student body and a burdensome curriculum, Caltech can turn out a team displaying the skill and fight evident Saturday evening. It is also an encouraging sign that we can favor the team with our nearly unanimous support.

Far from being a mere tradition, "school spirit" at Tech has been and always will be part of its lifeblood. And, far from being discouraged by the printed score, the Techman of real character understands the factors involved and rejoices in the spirit, sportsmanship, and skill which his team has exhibited.



CAMPUS BREWINS

Sir Robert Chiltern—You think science cannot grapple with the problem of women?

Mrs. Cheveley—Science can never grapple with the irrational. That is why it has no future before it, in this world.

—Kalbfus' "Manfred."

The Beak awoke, shook himself of the puff studded with old wigs discarded from the last Civil War convention and nervously put the clanking alarm clock under cold running water. The necessity of again cranking out an article concerning the doings of the inanimate associates crossed the brain of the Beak, he shuddered visibly and,

curling his lips as far as his moustache would permit, he sneered.

A knock on the door stirred him from his reverie; the panel opened, revealing a hermit clad in a pillowcase, he wore an Ascot tie and at his side hung a shapeless burlap bag used for incidentals.

"Bowen of the INS," he screamed. "I have just perused your works and wish you would record the minutes of the next Security Council."

Sweet Talk

The Beak, somewhat unmanned, offered him a starched fruit rind and suggested he pull up a hot light bulb and sit down. The specimen thundered on, "I tell you, the blood is boiling in

my veins, you are a candy store filled with luscious nougats, a henhouse from which the pullets have yet to be stolen!" "You have the wrong man!" shouted the Beak and referred the being to the numberless door at the end of the hall.

I.E. Chow Time

This being about the time reserved for ingesting the balanced diet prepared by skilled dieticians, or rather dieticienne, from below, the Beak donned his rough housecoat of hyper-tweed and woven wire and descended into the depths. Upon entering the lounge, however, a hair-raising scene struck his eye. Amnesia making recounting impossible, suffice it to say that we instantly repaired to the Brass Rail, where spirits proved to be at a nadir.

Dawn was peeping in at the window, and a spurious gypsy violinist was rendering gems from "The Bohemian Girl." At the next table, a gaunt trio resembling Picasso's "The Absinthe Drinker," proved to consist of an erstwhile Techman and Barney.

Best of All Worlds

The Beak shuddered, and was only to shudder with greater amplitude later on. Solace proved either unobtainable or too expensive, and the Beak was about to commit hara-kiri when, remembering the comments about Europe of several voyagers of professorial rank, he concluded that this was the best of all possible worlds after all, and went home.

Stopping at Munkaczi & DeGroot's to purchase a shotgun, the Beak reached the student houses without mishap and settled down in the simple yet attractive furniture provided to scan the columns of the Daily Bugle.

A learned treatise by an eminent colleague about why the truth should make one free struck our fancy, and, while the walls are still resounding with plaudits, may we suggest he next try his hand in a similarly exegetic endeavour on "Incipit Vita Nova." We really do not know, but maybe a secret noodle ring will be uncovered.

Sleep Peaceful, O Thou Reader
But the learned reader must have dozed off over his bubble gum by now, or at least abandoned our humble column for "Little Orphan Annie." Having done either, he will probably be convinced that these pennings are gravitating Gehennaward of late, in which case we extend a cordial invitation to follow.

But to business, so here's a gossip item that'll make your flesh creep. Saturday night saw a shivering Beak at the Schmitts formal hop. With unwitting appropriateness, someone had dumped dry ice in the

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center pond, and barbershop-evoking columns were beheld swathed in magenta illumination (6600A°), yet the Beak had only eyes for his Dulcinea, and all is forgiven.

UCLA Bonfire

And now to gossip at its best. Friday night saw various Techmen, such as Goerge, Greutert and Cuse at the now-legendary UCLA bonfire explosion. The dance afterwards was equally interesting, with square dancing on the ground floor of the women's gym, and a nine-piece combo with entertainment by Danny Kaye on the top floor.

The Blacker square dance was sparsely attended, but those who came were surprised at the really professional caller (non-Blackerites disregard!)

All About Welch

Berk Welch launched explorations towards the East for the year when he took off for the Pomona exchange Friday. The Beak also hears that on Saturday Groner loaned Boppart's (Continued on Page 4)

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THE SQUARES' CIRCLE

Dear Editor:

Saturday night we saw Tech play its best football game in two years. A lot of people, including us, until we thought it over, were pretty well satisfied. If you'd walked into the stadium just after the game you'd have had a hard time figuring out who won.

Everybody had gone to the game expecting to lose and when we won a moral "victory," everybody from Caltech was happier at losing than Oxy was at winning. Sure, there's a point to losing gracefully, but you don't have to be happy about it. How can we expect to win when we're satisfied with losing?

Tech has had many promising teams in the years we've been in school, but somehow they didn't seem to wind up in the win column. They played one or two games or ran a couple of good meets, then quietly folded and slid to the bottom. We have the coaches and material to win, but if Tech wants winning teams, the students and team members have got to be satisfied with nothing less than victories.

Not that all this applies only to football. In all intercollegiate sports this same complacent attitude wrecks our chances constantly. Some of us speak from personal experience when we say that the cross-country team lost to Muir last week because of this same attitude.

We've got to get rid of this defeatist attitude now. Let Redlands have the moral victory Saturday.

Pete Mason,
John McCourt,
Bill Pilkington,
Dave Hanna,
Babe Karasawa.

Shake It--Don't Break It!

Dr. Houser Seeks Low-Cost Seismograph

by Duane Marshall

Depart for a moment from the world of today and imagine yourself looking at your newly completed \$50,000 dream house in sunny Southern Utopia. Your last silver dollar has been sunk into this home . . . you're in hock up to the eyebrows . . . but you're set for a lifetime. The stainless plumbing should last forever; the quiet, economical, trouble-free atomic heating plant is ideal; your goal has been reached.

All this is very fine, but all of a sudden, as you are standing there, an earthquake comes along and shakes and shakes and shakes your dream house down to a mass of rubble. You'd be annoyed, wouldn't you?

The Core of the Matter

In order to find out more about building earthquake-proof structures, an extensive study of earthquake waves is being made at Caltech by Dr. George Housner.

The study of earthquakes can be roughly divided up into two classes. The first is the study of earthquakes and their waves to determine facts about the earth . . . of what it's core is made, and similar information. The second division is the study of earthquakes with special emphasis on better building techniques

in earthquake regions.

The first is the one about which the public has the most information. Almost everybody has read a story in a paper about such and such a seismograph recording a quake in the middle of the ocean or one in the Himalayas or the web spinning techniques of stray spiders, but very few have heard anything about equipment in use with the second group. There is a good reason for this. Equipment for the second group hasn't been built yet.

In the study of how to build earthquake-proof buildings, the interest is centered on the amount and types of stress that will be put on a building by an earthquake.

Move It

The acceleration of the ground caused by the earthquake will give the prime clue to the researchers. They are only interested in study "strong motion" earthquakes—those that will produce enough acceleration to affect a building.

Professor Housner's chief source of information is from the seismographs of the U.S. Coast and Geodetic Survey. This is not enough for the research needs though. What would be desired would be a complete coverage of the earthquake areas un-

der study, with acceleration-recording devices. In Pasadena, for example, these devices would be planted only a few streets apart to catch all the motions of the earthquake in many different locations.

New Device Invented

Because seismographs cost in the neighborhood of \$5000 and require a maintenance team of about five men, it would be rather impractical to use seismographs for the purpose. Professor Housner is working on something looking a little like an inverted pendulum, which merely records acceleration in a crude fashion. Two goals are being sought . . . low cost of manufacture and attention, and accurate acceleration recordings.

Earthquakeproofing Useful

Before 1933, most of the buildings that were earthquake-proofed were done so because of the efforts of Professor Martel, professor of civil engineering. The results were felt during the Long Beach earthquake some time ago, and the worth of earthquakeproofing was recognized by building engineers.

Perhaps some day in the future, earthquakes will hold no terrors for buildings, whether skyscrapers or dream homes.

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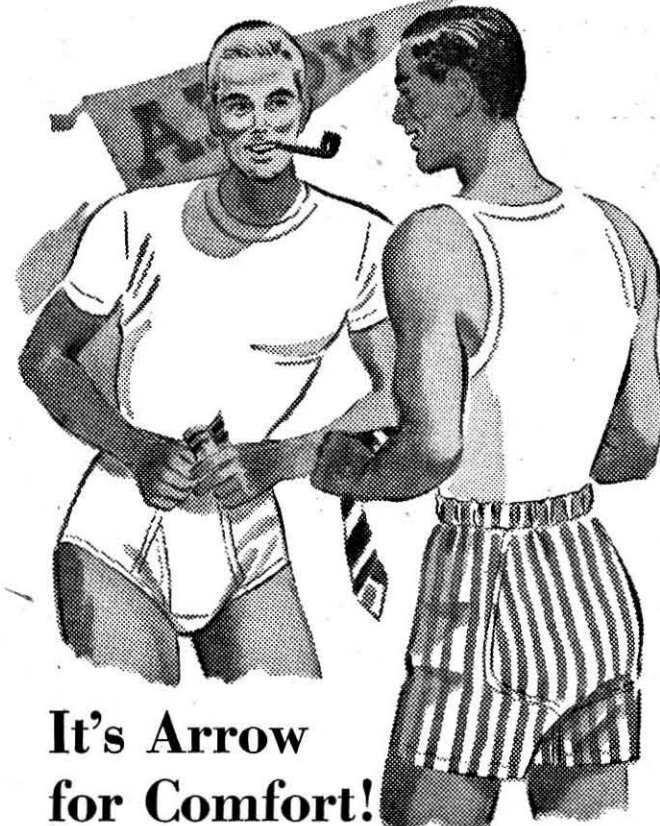
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Kickers to Westwood; Trounce Thacher 4-2

Tomorrow the team journeys to Westwood to tackle the Bruin booters. Huttonback, last year's Bruin captain, says very little talent is left at UCLA and that we ought to give them a very good game.

Win Opener

Last Saturday the Caltech soccer team successfully started its season by trouncing the Thacher School eleven, 4-2. On the whole, the team played a good game. Coach Huttonbach was especially pleased with the way the forward line played.

Forwards Wood, Weber, Gutierrez, Bhanjdeo and Schlinger deserve a lot of credit for the way they kept pounding at the goal. Reinaldo Gutierrez, a new member of the team, lead in the scoring department, pushing through three tallies, while Schlinger scored the other point.

Defense Clicks

The team's defense, while only allowing two goals to be scored, kept their opponents from taking many shots at the goal. How-

Chuck Miller did a good job playing goalie for the first team.

CIT	THACHER
Miller G	Montgomery
Noble RF	Lavender
Welch LF	Ekman
Martin LH	Wilson
Baggerly CH	Walter
Chong RH	Crimmins
Wood LO	Van Nortwick
Weber LI	White
Schlinger RO	Brigham
Bhanjdeo RI	Turek
Gutierrez CF	Sooy

FINAL IH BASEBALL STANDINGS

	W.	L.	Pct.
Throop	4	0	1.000
Blacker	2	2	5.00
Fleming	2	2	.500
Dabney	1	3	.250
Ricketts	1	3	.250

BUTTIN' IN

—By BUTLER

Since last Saturday the whole campus has been agog over the Beavers' performance against the Oxy Tiger's. The boys lost, 20-7, but with a couple of breaks, the score would have been a lot tighter. Never in many a year has a Tech team shown such real class.

Attitude

Sure, I'll admit the Engineers played a great game, and Bert and his boys deserve plenty of plaudits for a fine show. But still we lost. Moreover, what is really disgusting is that everyone is satisfied over the outcome of the game. No one should be satisfied until the scoreboard gives the Beavers a real victory. I would rather see a team look lousy and win than play sensational ball and lose.

Bulldog

This coming weekend, Caltech tackles the Redlands Bulldog. Pre-season dope had Redlands figured as not too tough, but Cecil Cushman has tripped up the dopesters by fielding another fine ball club.

However, now that the Beavers have finally found themselves and have proved that they can play ball, I am placing my dough on Bert's boys.

Splashing

Yesterday, Dick "Flippers" Libby came rushing up all smiles. It seems that Compton completely waxed Oxy's water-polo team while later squeezing out a 7-5 win over the Engineers. From here it looks like the Beavers will hang a loss on the Bengals for the first time in many a year.

Beaver Sports

Tech, Oxy Polo Friday

Two evenly matched water-polo teams will meet in Oxy's pool tomorrow at 4:00 p.m. Both have been beaten by Compton; Oxy three weeks ago, 7-1, and Caltech last Friday, 7-5.

Slow Start

It took the Engineer paddlers one disastrous quarter to get under way. During that time Compton scored three times. This gave them their winning two-point margin. With one minute to go in the game, Caltech scored its fifth goal, making it possible for us to tie the game with one more goal. Thirty seconds later, Compton iced the game with another point.

Runners Lose To Muir 28-27

Muir Junior College, showing surprising strength, defeated the Caltech leather lungers, 27-28, last Thursday at Tournament Park. Hurt by injuries, the squad still showed several surprises and even would have won if the conference method of scoring had been used.

Muir Broke Fast

Muir broke fast and had power in front most of the two-mile distance although their first two men passed Cobb and Mason on first two men to finish were running unattached and consequently did not count in the scoring, the last quarter-mile lap.

Next week, the Beaver face PCC, then meet Whittier on Nov. 4 for the first Conference race.

PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT		SPORTS STAFF	
	Coach	Hal	Jesse	Thorne
	LaBrucherie	Musselman	Weil	Butler
Stanford Washington	Stanford 7	Washington 14	Washington 7	Washington 2
Princeton Cornell	Princeton 7	Princeton 14	Cornell 7	Cornell 3
Illinois Indiana	Illinois 7	Illinois 7	3	Illinois 6
Rice Texas	Texas 14	Texas 21	TIE	Texas 7
Notre Dame Mich. State	Mich. State 7	Mich. State 1	Notre Dame 7	Notre Dame 2

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Engineers, Bulldogs In Rose Bowl; Oxy Ekes Out 20-7 Win

Woody Leads Tech Tech in Tossup

Surprises were common last week on the nation's gridiron. But best surprise of all was the scare the Beavers threw into the Oxy Tiger. The local armchair quarterbacks had figured the Bengals for at least five touchdowns. They very nearly lost. It was only the brilliant playing of Quarterback Vince McCullough and Halfback Schlegel that saved the day for the Eagle Rockers.

Threaten

Caltech threatened from the initial kickoff when they marched from their own 20 to Occidental's 20, where they lost the ball on downs. The ball then stayed out of scoring zones until late in the second period, when Oxy broke away for the first score. The half ended with the Bengals leading, 7-0.

Oxy Again

The Tigers scored their second touchdown in the third quarter on a 36-yard pass from McCullough, climaxing an 80-yard march.

(Continued on Page 4)

Still smoldering from its red-hot tussle with the Tiger Eleven last Saturday, Coach LaBrucherie's squad plays host to Redlands in the Rose Bowl this Saturday night. Eight o'clock will be kick-off time for a game that should hold in store more surprises than the Occidental encounter.

The Bulldogs have won two of their first four starts by taking LaVerne, 40 to 19, and handing Cal Poly (SD) at 26-to-6 drubbing. Their losses were to Pepperdine, 25 to 14, and to Cal Poly (SLO), 20 to 17.

Defense Shines

With our greatly improved defense, as demonstrated against Oxy, black-horse Redlands will find it very rough going. Their answer to Tech's combined "over 'em" and "through 'em" attack will be Dan Moon, who, against Pepperdine last week, scored on Art Romo's pass and traveled 68 yards to set up the Bulldog's only other score.

Some satisfaction can be seen on local faces when they stop to realize that it was the Redlands Frosh that bowed to our yearlings last season. It is rumored, however, that lack of reserves in that respect is better than equalized by transfer students into the University.

Thinner Squad

Caltech's iron men, Reed, Peck, Moore and Walker will probably be the only nonobservers of Bert's nearly complete platoon system. The bench will be a vacant place indeed when offensive and defensive teams are shifting. Offensively, the Engineers will look to powerhouse Harold Woody and slinger Babe Karsawa to crack the seven-point jinx that foe scoreboards hold for us.

Frosh Sports Roundup

by Nick Nicholson

Caltech's Frosh football team lost a close game Saturday, as they were nosed out by the Oxy Frosh, 65-0. Tech's starting lineup and the score by quarters follows:

- LE—Henderson
- LT—Kidder
- LG—Bailey
- C—Saliba
- RG—Taylor
- RT—Abbott
- RE—Hosegood
- Q—Profit
- LH—Watkins
- RH—Brose
- F—Stryker

Oxy	7	25	13	20—65
Caltech	0	0	0	0—0

(Continued on Page 4)

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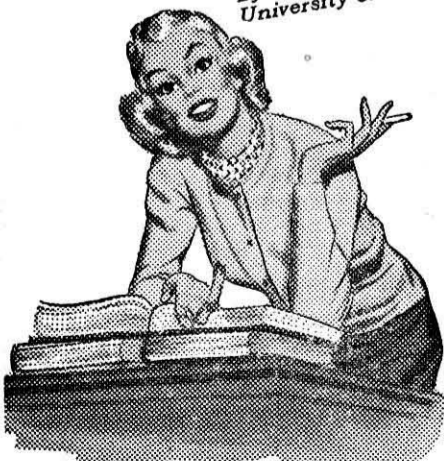
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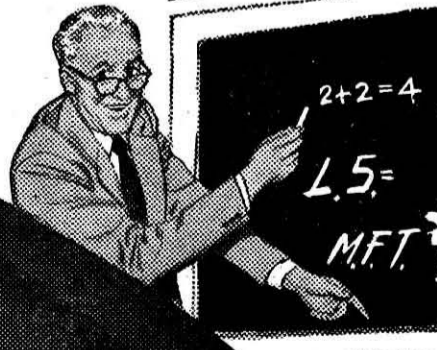
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By John D. Wilson
Brown University



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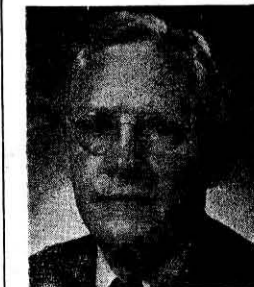
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House Social News

Blacker

Blacker men and their dates are getting set for a big Halloween masquerade dance tomorrow night, which will feature a mass-roasting of marshmallows in the fireplace along with a simultaneous corn-popping session.

Bizarre and unusual costumes will highlight this different record dance in Blacker lounge to celebrate All Hallow's Eve.

Throop

A Halloween costume dance will be the main attraction at Throop Club this week end. The spooks will begin to congregate in and about the club at 8:00 this Friday evening.

Gil Kitching has something special planned, the nature of which he will not divulge until the zero hour. Come and be surprised.

Dabney

The Pasadena Playhouse turned out a play which was better than most last Friday. All Dabney Troops attending the "Thurter Party" labeled "The Silver Whistle" as very good.

Darb-Oxy Game Friday

Tomorrow night the Darbs are to have a No-Date-Dance with many girls from Oxy: girls from Haines, Erdman and, yes, perhaps even those from Orr Hall will be here.

There is to be a wee bit of folk dancing in the court to start off the evening. Later on all will move inside for refreshments and "normal" dancing. (Phlegming Lounge will also be available for dancing.)

And but nine days away is the fabulous Interhouse; the advice from usually reliable sources is, "Get your date now."

CAMPUS BREWINS

(Continued from Page 2)

black socks to Welch, with further reference to the above formal. Incidentally, and before we forget: Mrs. Morris Fenchurch of Shaker Heights and Piping Rock was also seen. Where? That's for us to know and you to find out.

Gay Hilarity

The Beak also witnessed a hilarious celebration of Throop Club Friday night as less than ten frosh showed up for their initiation dance. At a pre-scheduled time, these frosh, with choking voices and tears in their torn eyes oeyed to Duane Neverman extolling the not-totally undubious merits of Throop Club, and received their long-awaited membership cards. As n couples began their airy trek to the bowling alleys after the dance, the Beak noted that only n-1 couples arrived. It is reported that Larry Sokol and his Schmippis, having loftier thoughts in mind, proceeded eastward to enjoy the comforts of a drive-in theatre.

Soph Section G-2 Suddenly Secedes

Details are as yet unavailable, but usually reliable sources have reported that Section G-2 has seceded from the class of '53.

By a unanimous oral vote, the chemists renounced their affiliation with the LaTourrette-led radicals who attempted to pry a 36-dollar (total) assessment from the section-leaderless section.

The cry of "No taxation without representation" was cried by Benjamin F. Corporales (leader of the insurrection). Says B. F. Corporales, "Give me liberty or give me etain shrdu etain shrdu . . ."

The Beak cannot but contemplate.

Cry the Beloved Public

It is thus that we are once more about de notre rouleau (have you seen Charles Boyer on TV yet—it's a must!) and proceed to stop the meat-grinder.

WOODY LEADS TECH

(Continued from Page 3)

Then Tech took over. The Beavers drove from their own 24 to Oxy's 5, gathering six downs along the way. The pay-off play was on a pass from Randy Moore to Jack Walker. Babe Karasawa converted for the extra point.

Oxy then retaliated and marched 665 yards to the final touchdown of the game. The game ended with Caltech on Oxy's one-yard line.

Speed

The Occidental Tigers featured plenty of speed, which was the factor that gave them the edge on the scoreboard.

The Beavers gave forth with a hard-hitting line which handled Oxy's highly-vaunted forward wall with ease. The backfield featured deceptive faking and a quick get-away. Hal Woody led the Beaver attack even though he was sporting a broken nose. Statistically the Beavers played their best game of the season:

STATISTICS

	Caltech	Oxy
Yards rushing	228	238
Yds. lost rushing	26	27
Net yds. rushing	202	211
Yards passing	101	76
Total net yards	303	287
Passes intercepted	1	1
Lost ball on fumbles	0	1
Punt average	30	27.5
Yards penalized	10	30

SCORE BY QUARTERS

	1	2	3	4	Total
Oxy	0	7	7	6	20
Caltech	0	0	0	7	7

Lineups:	Oxy	Caltech
McClung	LER	Moore
Peterson	LTR	Muehlberger
Perry	LGR	Reed
Bauer	C	Hanna
Hill	RGL	Pack
Jacobs	RTL	Tallman
Tarlan	REL	Schmid
Manoogian	QB	Johnson
Schlegel	RHL	Karasawa
McCullough	LHR	Walker
Bobinette	FB	Woody

Caltech Fellowship To Discuss Mark

This coming week the Caltech Christian fellowship will continue the study of the life of Christ as recorded in the Gospel of Mark. The meetings will be in the nature of informal discussions and will take place in Room 210, Dabney, on Tuesday and Thursday at 12:30. Everyone who is interested is welcome to attend.

FROSH SPORTS ROUNDUP

(Continued from Page 3)

Close at First

The game looked like a close one till Oxy scored its first TD near the close of the first quarter, but from then on, unhappily, it was a runaway. Co-Captains Stryker and Taylor played a good game, and the line was effective in blocking several of the point-after-touchdown kicks.

Better luck down at the Rose Bowl against the Pomona Frosh this Saturday, team. That'll be at 5:30, as a Prelim to the varsity game.

Next big sports event for the Frosh outside of the football game is the Mudeo.

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