

Y DRIVE
STARTS
MONDAY

CALIFORNIA TECH

California Institute of Technology
Pasadena, California, Thursday, February 8, 1951

NOMINATIONS
FOR ASCIT
TOMORROW

NO. 16

Volume LII

Y Drive Begins Monday Feb. 12

\$2750 Goal Sought from Students As Part of \$11,500 Annual Budget

Next week sees the opening of the annual Y drive. This year the goal is \$2,750, about one-fourth of the annual budget of \$11,500. A third is supplied by the Institute Board of Trustees and the Pasadena Y.M.C.A. and the balance is supplied by the faculty alumni, friends and parents.

Many Services

The money will be used to support the many services of the Y. These have been covered in past articles and include the forums, the last one of which was on the draft, lunch clubs, (a total of eighty-three this year), personnel and vocational counseling, conferences and summer projects, Asilomar, church visitations, welcoming new students, firesides, bull sessions, and other services such as the lounge and library, book exchange, loan fund, office equipment, lost and found, and a free telephone.

Competition Basis

The solicitors will be about sixty students chosen from the undergraduate body.

The drive will be run on a competition basis with thermometers representing the totals of the houses and off campus. Your donations for this cause should be given to your section leader or UCC.

Duties of the ASCIT Officers

Athletic Manager

The responsibilities of the Athletic Manager are threefold. First, he is charged with the procurement and distribution of all awards given by the ASCIT. In normal times this part of his job is more or less routine; but in these days of scarcity of materials, rising prices, and perhaps less ASCIT income, this job will demand some originality.

Runs Assembly, Banquet

Second, the Athletic Manager presents an Award Assembly in the spring and the annual Athletic Banquet in late fall. These functions might well prove to be large headaches for the Athletic Manager, but for the outstanding assistance and cooperation that can be counted on from the Athletic department.

Student Representative

The third phase of the Athletic Manager's office is that of representing the student body as a whole. This part of the job, I believe, is at once the most interesting, the most gratifying, and above all the most important.

In this capacity the Athletic Manager is a member of the Student Faculty Relations committee; he is one of four student representatives on the Athletic Council, which is responsible for the conduct of the intercollegiate sports program; he is one of three Caltech representatives on the Inter College council, whose main responsibility is maintaining and extending friendly relations within our conference; and, finally, the Athletic Manager is a member of the Board of Directors of the ASCIT, and so carries a part of the responsibility for all the actions of that body.

Respectfully submitted,
Dave Hanna, Athletic Manager

Head Cheerleader

The duties of Head Cheerleader are quite simple. The first thing that must be done (after being elected) is the selection of two good assistants. This is important, as the assistants must be counted on to help at all the activities.

Next, the three of you should hold some practice sessions, the objective being to learn the yell well enough to be able to lead them.

Ready for Public

Now you are ready for public

Pre-registration

Pre-registration for the third term will be from Monday, Feb. 19, to Friday, Feb. 23. All undergraduate students will pick up their pre-registration cards in 119A Throop. Those who do not expect to return third term should notify the Registrar's office at this time.

The Bargain of the Year

Two dollars and seventy-five cents will purchase two balcony theater tickets—or three 45 RPM phonograph records—or one bet at Santa Anita, plus the entrance fee. But, if wisely invested, this same amount will buy an entire year's subscription to events and services indispensable to the well-rounded and well-adjusted Caltech citizen.

Goal

Our campus Y.M.C.A. has this year established a goal of \$2750 for its annual financial drive. If one thousand individuals connected with the Institute help reach this mark, they are getting the bargain of all bargains for \$2.75.

Forums, luncheon clubs, firesides, freshman tea dance, vocational counseling, evening discussion groups, book exchange, lost and found department, church visitation group—the list of services and activities sponsored by our "Y" seems all but endless.

Soliciting Plan

The Caltech "Y" will count on obtaining funds to cover fully one-fourth of its annual budget through its campus drive, which will commence next Monday. About sixty student solicitors will request contributions from the undergraduate and graduate bodies, as well as the teaching staff and others directly connected with the Institute.

Five and ten dollar contributions will be needed badly in order to exceed the goal. Last year the "Y" grossed over \$3000. This year, with the traditional generosity and cooperation of the Caltech citizen, even that commendable figure can be beaten.

Attention!

All those interested in making some extra money selling ads for the Big T this year should see Dick White, Room 22, Ricketts, as soon as possible.

Thespians Cancel Next Week's Play

This term's presentation of the Drama Club, "The Two Menaechmuses," previously scheduled for Thursday and Friday, Feb. 15-16, has been cancelled due to production difficulties. The adapted Roman comedy was, after some study, judged unworthy of the club's efforts, or vice versa.

Play Next Term

The club intends to produce another comedy, to be presented early next term. The thespians are now considering several plays, mostly Westerns, for their annual production.

Assembly Line Tour Tomorrow For ASME, SAE

Automobile assembly lines in full swing will be viewed tomorrow by those making the SAE-ASME sponsored tour of the Studebaker Pacific Corp., 4530 Loma Vista Ave.

All engineers are welcome on the tour, which will last about two hours starting with a free lunch at the plant at 12 noon, according to John Noble, SAE officer.

Strike Delay

The tour, postponed from last week because of the rail strike and lack of materials, will show the complete assembly operation, and will feature such engineering developments as the new Studebaker V-8 engine.

Sign Up

A sign-up list and a map showing the location of the plant will be posted in the ME building. See John Nobles (Ricketts 42) for transportation arrangements and information.

SAE Big T Picture

The SAE picture for the Big T will be taken today at 12:45 in the ME shop.

Deputy Tax Man Offers Aid Here

The Pasadena office of the Collector of Internal Revenue has arranged to have a deputy at the Institute on Tuesday and Wednesday, Feb. 27 and 28. The deputy collector will be located in the lobby of Throop hall for these two days; he will be prepared to help members of the faculty, staff and student body with the preparation of their 1950 federal income tax returns.

This service has been considered a great help by those who have taken advantage of it in the past.

Respectfully submitted,
Chuck Miller, Head Cheerleader

appearances. These start with a few pep rallies which you plan and stage in cooperation with the Rally Commissioner.

And last, and most important, you lead the songs and yells at football and basketball games. The job sounds simple, and it is simple. If you have some extra exuberance and a lot of interest, go to it.

Respectfully submitted,
Chuck Miller, Head Cheerleader

Nominations Assembly In Culbertson Tomorrow

Campaign to Inundate Campus for Two Weeks Until Elections, Feb. 22

Tomorrow at eleven nominators will take their places on the stage of Culbertson Hall and nominate their candidates for ASCIT president, vice-president, secretary, treasurer, athletic manager, rally commissioner, head yell leader, publicity manager, first and second representatives at large, and editors-in-chief of the *California Tech* and *Big T*.

Procedure

Following the traditional procedure each nominator will extol the virtues of his candidate, while the candidates at this time will probably merely accept the nomination, leaving campaign statements for the active campaign period.

The nominations for each office will be held open for at least thirty seconds after the last nomination has been made. If at the end of that time only a single candidate has been named for that office, the nominations will be left open for a week as provided in the ASCIT by-laws.

During that time additional nominations may be made in writing and handed to ASCIT president Merten.

Two Furious Weeks

Lists of the nominees will be posted on the bulletin boards immediately after the caucus on Friday. During the lively two weeks before elections voters should have opportunity to become acquainted with the candidates through campaign posters lining the Olive Walk and from the candidates' statements in the *Tech*.

Seniors!

Orders for graduation announcements will be taken next week, Feb. 12 to Feb. 16. Prices including tax are 13c apiece for announcements, \$1.80 for 100 thermographed cards, and \$3.00 for 100 engraved cards.

They may be ordered from Winston Royce in Dabney, Dick Sharp in Blacker, Ritchey Newman in Ricketts, Fred Eisen in Fleming, Bob Cobb in Throop Club, and in front of the M. E. building at noon from Bill Whitney, Steve Pardee, or Mitch Bain. Next week is the only time orders will be taken, so be sure and get your orders in before it's too late.

Campus Calendar

THURSDAY, FEBRUARY 8
7:15 Board of directors meeting, lower Fleming

SATURDAY, FEBRUARY 10
9:00-12:00 Art Class 04 Mudd

1:30 Varsity Tennis, Caltech vs. Loyola

2:00 Intercollegiate Track meet

8:00 Frosh Basketball, Caltech vs. Pomona at Oxy

9:00 Varsity Basketball, Caltech vs. Pomona at PCC

WEDNESDAY, FEBRUARY 14
6:30 Frosh basketball, Caltech vs. Oxy at PCC

8:00 Varsity basketball, Caltech vs. Oxy at PCC

Interview Schedule

February, 1951
TUESDAY, WEDNESDAY & THURSDAY, 6

7, 8 & 11 All degrees/ME, CE, EE, CHE, Ch.

The Procter & Gamble Mfg. Co., Long Beach, Calif. Mills S. Dodge, Industrial Relations Superintendent, and C. B. Hedrick

WEDNESDAY, THURSDAY & FRIDAY, 7

8 & 9 Group Talk, Food Machinery &

Chemical Corp., San Jose, Calif. W. W. Bolton, Adm. Assistant, 4:30 p.m., 101 Dabney, 7 February. Interviews to be held 8 and 9 February.

MONDAY & TUESDAY, 12 & 13—BS, MS,

PhD/Ch, PH, ME, CHE, EE, Ge, CE, Oak-

Ridge Nat. Lab., Carbon Chemical Div., Union Carbide & Carbon Corp., Oakridge, Tenn. Dr. James E. Gabbard

TUESDAY, 13—ME, Ch., CHE, Ch. E., up/ME, Baton Rouge, La.—F. C. Holmes

TUESDAY, 13—ME, Gen. Engrs. (Techni-

cal Sales—all of U. S. Offices); ME (Technical Research, Detroit, Michigan).

Ethyl Corp., R. R. Faller, Mgr. of Train-

TUESDAY & WEDNESDAY, 13 & 14—BS,

MS, PhD/EE, ME, Ph., Ma, Ch., MS, PhD/

CE, North American, Downey, Calif.

R. K. Holbrook, Personnel Director,

Aerospace & Atomic Energy Res. Di-

vision

THURSDAY & FRIDAY, 15 & 16—BS &

EE, AE, ME, Wright Patterson Air

Force Base, Dayton, Ohio. Mr. Beckham, Civilian Personnel Division.

MONDAY, 19—MS/AE, Cooperative Wind

Tunnel, J. E. Smith and R. W. Bell.

MONDAY, TUESDAY & WEDNESDAY, 19,

20 & 21—General Electric Company, Los

Angeles, H. G. Hill and Mr. Scarfe, MS,

Ch., CHE, Metallurgical Program, BS, PhD/Ch,

ME, Ph., AE, Rom. & Haas Company,

Philadelphia, Pa., J. F. Kincaid.

FRIDAY & MONDAY, 23 & 26—BS, MS,

PhD/EE, ME, Ph., AE, Minneapolis-Hon-

ewell Regulator Co., Minneapolis, Min-

nesota, Vance Jenson.

Tech Speakers To Enter Meet

This Saturday, Feb. 10, Tech orators will join the more verbose elements of other southern California colleges on the UCLA campus for one of their frequent speech tournaments.

Tech Leatherluners

Of the four forensic types, Caltech will participate in the extemporaneous and impromptu represented by Mike Callaghan, Carl Larson, Matt Messelson, Art Savran, Bill Kemmel, Jim Enright, Tom Jansens, John Rogers, Iwin Rubenstein and Frank Ludwig.

CIT Debate Tourney

The following weekend, Feb. 16 and 17, is the occasion for the CIT annual tournament, with 30 western colleges participating. In the past it has been noted as a high point in the forensic calendar.

Assume the Best

By way of advice, Dr. DuBridge offered: "Assume you are a member of a select, talented group, that your government realizes this, and that laws will be enacted to protect this group. Say to yourself, I can best help my country by continuing my education, and afterwards use my talents serving in either a military or civilian capacity."

Of course, nothing is definite until Congress passes such a law, but Dr. DuBridge did not know of any active opposition to college deferments, and sincerely expected their acceptance. Although there is some question whether 100% or only 50-75% of present upperclassmen might be deferred. Your best opportunity for service, though, is to stay here, and there is a very excellent chance that you will be able to continue your education.

Student Shop

There will be a general meeting of the Student Shop on Monday, Feb. 12, 11 a.m., in 206 Dabney. Subject: A special assessment on the members. Plan for the rest of the year will also be discussed, and a treasurer's report presented.

DuBridge's Talk Implies Techmen Safe from Draft

An analysis of the backgrounds of leaders' attitude toward, and Congressional proposals regarding the present manpower situation was presented at the assembly last Friday by President DuBridge, just returned from his second trip to Washington in recent weeks.

Give Us Strength

He based his talk on our country's need for moral, intellectual, economic and military strength in order to successfully oppose Communist imperialism. All are equally necessary and each American must contribute in one or more of these ways. "Say to yourself," he said: "In which of these fields can I help?"

ON THE RECORD

By George Abell

Guild Chamber Concerts

The next in the series of chamber concerts at Wilshire Ebell Theater, sponsored by the Los Angeles Music Guild, is next Wednesday evening, at 8:30. The impressive group of performers includes Alice Ehlers, harpsichordist, Louis Kaufman, violinist, Doriot Anthony, flutist, and Fritz Zweig conducting the chamber ensemble.

Featured on the program, with works of Haydn, Handel, and Bach, will be Vivaldi's *Le Quattro Stagioni* (Four Seasons). Antonio Vivaldi, (1675-1741) a contemporary of Bach's, left a great wealth of material, most of which is only recently being published by the Italian composer, Francesco Malipiero. The "Four Seasons," a set of four descriptive violin concertos, have become well known to us already through the medium of recordings. Louis Kaufman, considered one of the foremost Vivaldi exponents, will perform them Wednesday for the first time in Los Angeles.

Great Melodist

Vivaldi's compositions present no great difficulty today, either to the performer or the listener, although at the time of their creation, his concertos represented new experiments in the potentialities of stringed instruments and the height of violin technique.

Perhaps the most striking feature of Vivaldi's art is his production of an endless flow of



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Open Evenings

THE CALIFORNIA TECH

Thursday, February 8, 1951

The California Tech

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four heart bid should keep south out of a spade contract.

The Opening Lead

An opening trump lead would undoubtedly set the contract, but West has no reason for making such a lead and merely opens with the diamond king. South takes this with his ace and stops to count possible winners. If he can get seven trump tricks by cross-ruffing spades and diamond, his three extra aces will add three extra tricks to give the necessary 10. (Note that an opening trump lead would draw two of declarer's hearts and permit only five ruffing tricks).

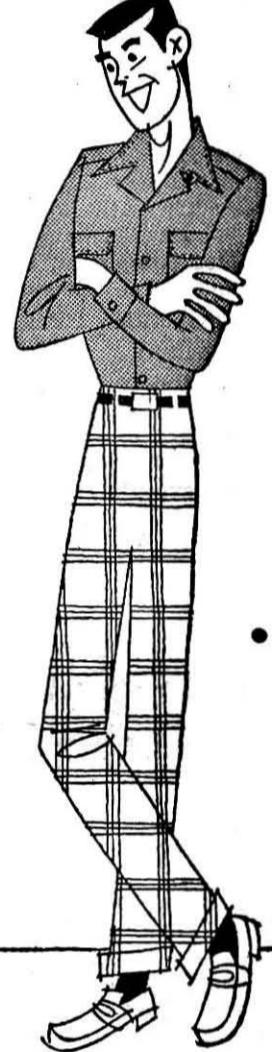
Declarer's Play

South, then, leads a diamond from dummy and trumps in his hand. He now leads the ace of spades and the ace of clubs before starting the cross-ruff. (Playing the two aces at this point insures winning these tricks before either opponent has a chance to slough cards to the point where he will be able to trump one of the aces). Declarer now trumps three spades in dummy and three diamonds

in his own hand, thereby making the necessary 10 tricks. Since declarer's trumps are all high, he has no fear of being over-ruffed by either opponent.

Which "Joe" has the "GABANARO"?

Both, of course! The new Arrow "Gabanaro" sports shirt can be worn two ways. Because of the new Arafold collar, it can be worn with or without tie . . . looks perfect either way. In your exact collar size and sleeve length (sized to fit all shapes and sizes!) Washable rayon gabardine.



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most elegant melodies. He is a melodist supreme, not outshaded in this field even by Mozart, Rossini, and Schubert.

Music Lecture

The last in a series of music lectures by Ross Lee Finney will be this afternoon in Dabney Lounge, at 4:15 p.m. Mr. Finney will speak on "The Trained Intuition of the Composer." As a musical example he will use Bartok's "Concerto for Orchestra."

New RCA Releases

RCA Victor has released this month a series of long playing records under a "Collectors Issue" label (LTC 1000 series), in which have been re-issued many acoustical, orthophonic, and early electrical recordings by great artists. (Also available on 45 RPM). Several of the discs containing operatic excerpts were listened to by the writer and were found to be of remarkably good quality.

Those interested in recordings of vocal artists, such as Caruso, Chaliapin, Galli-Curci, Scotti, etc., will find these records a good buy, inasmuch as each disc contains ten to fifteen numbers, and costs \$5.72, whereas the original pressings purchased at collector's stores would cost from twenty to thirty dollars, and the loss of quality in dubbing the original masters onto LP is negligible.

Philharmonic Concert

Artur Rodzinsky will appear as guest conductor with the Los Angeles Philharmonic Orchestra next Thursday evening and Friday afternoon.

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The orchestra, under its assistant director, John Barnett, will also give a symphony concert in Pasadena Civic Auditorium tomorrow evening at 8:30.

MUSIC THIS WEEK

This Afternoon: Ross Lee Finney, Dabney Lounge, at 4:15 p.m.

Tonight: Lou Patterson, pianist Balch Auditorium, Scripps College, 5 p.m.

Friday: Los Angeles Philharmonic Orchestra Pasadena Civic Auditorium, 8:30 p.m. Mozart: Symphony No. 35 Debussy: "La Mer" Strauss: "Also Sprach Zarathustra" Love Scene from "Feuerzangen"

Saturday: Guild Opera Company of Los Angeles Royce Hall, U.C.L.A., 8:00 p.m. Humperdinck: Opera, "Hansel and Gretel."

Los Angeles Conservatory Symphony Orchestra Wilshire Ebell Theater, 8:30 p.m.

Sunday: Coleman Chamber Concerts: Griller Quartet Pasadena Playhouse, 3:30 p.m. Purcell: Three Fantasies Bliss: Quartet No. 2 Mozart: Quartet, K 465

Tuesday: Clifford Curzon, pianist Pasadena Civic Auditorium, 8:20 p.m. Beethoven: Les Adieux Schubert: The Wanderer Schumann: Scenes of Childhood Liszt: Functiles Brahms: Concert Study in F Minor Appleton and Field, duo-pianists Philharmonic Auditorium, 8:30 p.m. Hindemith: Sonata for one piano, four hands Brahms: Variations on a theme by Haydn Milhaud: "Scaramouche" Suite

Wednesday: Music Guild Chamber Concert; Alice Ehlers, Doriot Anthony, Louis Kaufman, and Chamber Orchestra under Fritz Zweig Wilshire Ebell Theater, 8:30 p.m. Handel: Concerto Grossi Bach: Triple Concerto for flute, violin, harpsichord, and string orchestra Vivaldi: Four Seasons Haydn: "The Echo," divertimento for two string orchestras

Thursday: Los Angeles Philharmonic Orchestra; Artur Rodzinsky, cond. Philharmonic Auditorium, 8:30 p.m. Vivaldi-Siloti: Concerto Grossso in D Minor Aaron Avshalomoff: "Peiping Hurung" Strauss: "Der Rosenkavalier" Suite Tchaikovsky: Symphony No. 4

SOUTH

S —	
H J 10,5	
D A 7,4,3,2	
C 9,8,5,4,2	

WEST

S K,7	S 10,8,5,4,2
H 8,7,2	H 6,4,3
D K, Q, J, 10,8	D 9,5
C 10,6	C K, Q, J

EAST

S A, Q, 9, 6, 3	
H A, K, Q, 9	
D 6	
C A, 7, 3	

BIDDING

N —	E —	S —	W —
3D	P	3H	P
4H	P	P	P

Bidding

South's hand may be a little weak for an opening two bid, but there is no law in bridge against taking a small chance occasionally. North must realize that the distribution is not suited to a no-trump bid, and his

partner may be a little weak for an opening two bid, but there is no law in bridge against taking a small chance occasionally. North must realize that the distribution is not suited to a no-trump bid, and his

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partner may be a little weak for

Tennis Season Opens; Baseball Work Begins Tech vs. Loyola Outlook Good

Despite the loss of Jack Pindexter, who graduated last year, and Ed Welch, who converted his court maneuvers to naval tactics, the varsity tennis team is quickly shaping up.

Squad Named

The racket swingers will play Loyola here February 10, with the following line up:

Singles:

Palmer Smith, Jack Martin, Rodger Baier, Berke Welch, Jim La Fleur, Ed Elyar.

Doubles:

Palmer Smith—Jack Martin, Rodger Baier — Berke Welch, Tom Emery—Ed Elyar.

Frosh talent last year promises to add greatly to this year's team. Palmer Smith won last year's Scott Tournament. Ed Elyar, Tom Emery and Bob Woods are giving last year's players a strong fight for the maintenance of positions in the above line up.

New Courts

Coach John Lamb looks at Pomona as the strong team this year. Practice matches have been lined up with Muir and Santa Barbara. The coach also reminds future tennis players of the \$10,000 per year which the school is spending for new tennis courts in Tournament Park. The goal is eight new courts.

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(Continued on Page 4)

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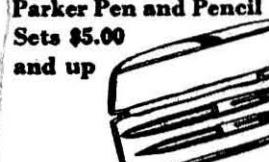
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BUTTIN' IN

—by Butler

Last week end proved to be very dismal for the Caltech casababa team. Both Cal Poly and Chapman put the Engineers to shame. The team's morale was so poor that any club could have completely waxed them without half trying.

But on Thursday afternoon things looked much better. At the half the Beavers were trailing the flashy L.A. State club 29-37. However Sax Elliot's team is loaded with depth and they ran away in the last ten minutes to completely swamp the Engineers. Probably the main problem facing Coach Shy is to get his guards to move the ball down the court while being pressed very tightly. In game after game the Beavers have been beaten by a pressing defense.

Anson

In the Frosh game against Chapman Ed Preisler was all smiles as his club ran away from their opponents. But the big gun for the Beavertales was Fred Anson who bucketed a whooping 45 points.

Track

The local sports writers are now hanging their heads after the true clue on the Pomona-Oxy track problem came to light. It seems that Oxy and Pomona are meeting twice this coming season in two triangular meets. But since a team is scored against a conference opponent.

(Continued on Page 4)

IH Track Meet On Saturday;

Outlook for Varsity Weight Events Given

By Pete Mason

This week sees the opening of the track season, with the Inter-house track meet Saturday at 2 p.m. Track events start at 2:30 and since your roommate is probably competing, you might as well come over and see the fun.

Veterans All Gone

Of the three men who finished 1-2-3 for Tech in the shot and discuss last year, Hal Tyson graduated, Johnny Lewis joined the Navy, and Art Miller goes into the Army this Wednesday. So we're sort of in a bind for men to compete in these events.

Several men show promise, but the competition is strong, even if it is mostly from Oxy. Hal Woody seems to be the leading man in both events and if he can fill up the holes the way he did in football when Johnny Lewis enlisted last fall, we'll be all set.

Woody's best in the shot is 40 ft. 2 3/4 in., while behind him are Gene Muehlberger, Sam Middlebrook, and Pilant and Tallman up from the frosh. Sam has a best of 37 ft. 11 1/2 in., while Gene has put 32 ft. 10 1/2 in. For comparison, the Caltech record is 49 ft. 4 1/2 in. by Tyson, while the conference record is 49 ft. 4 1/4 in. by Raitt of Redland. Leading competition is

(Continued on Page 4)

Beavers, Sagehens Meet for 1st Time

Tech Drops Two to Chapman 72-42,
Cal Poly 52-38; Now in Loop Cellar

By Ray Greuter

As the second part of a double-header Saturday night, the ever-trying Caltech cagemen meet the Pomona Sagehens at 9:00 p.m. in the PCC gym. This game may be the one that the Beavers have been waiting for. They are getting steamed up about not winning, so don't be surprised if they break loose against the Hens.

Beavers Sad

In the warm-up game last Friday afternoon against Cal Poly the Beavers looked far from impressive. Once again it was a game in which the forwards failed completely to do much scoring. Therefore center Butler was relied upon to do the lion's share, and he obliged by getting 14 points.

In spots the Beavers looked fair, but on many occasions they were reckless and allowed the short Cal Poly men to dominate the game. This was a game Tech should never have lost, and certainly not by the score of 52-38.

Ditto

Against Chapman Saturday night it was much the same. In the first half the Engineers played better than usual, but their familiar second half collapse came on again that ended in a Chapman rout.

For the first Tech score Sereno handed off quickly to Butler, who expertly laid it in. This

(Continued on Page 4)

Frosh Sports Roundup

by Nick Nicholson

Playing against the weakest team they have yet met, Tech's frosh casabamen had no trouble Saturday evening whipping a game but outclassed Chapman five, 78-43. From the opening tip-off to the final gun Coach Preisler's crew had complete command of the situation.

Center Fred Anson, mainstay of the team, chalked up points at a rate of better than one a minute to outscore the whole of the Chapman team. In what's probably a record for frosh teams here, Anson got a big 45 point total.

Everybody Scores

Every man on the 14 man squad got into the game at one time or another, and 11 of the

(Continued on Page 4)

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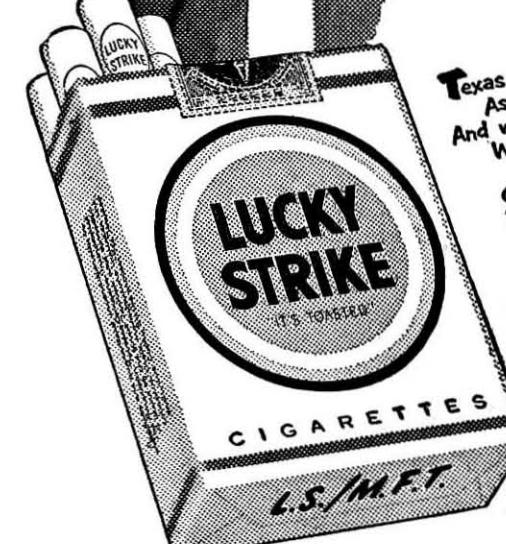
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BEAVERS, SAGEHENNS

(Continued from Page 3)
was followed by returnee Harry Patapoff's beautiful one-handed push shot from 25 feet out. Later Sereno scampered the length of the court and was fouled as he hit for two points. His free throw was good making the score 10-8 Chapman's favor. Michaelson put the Beavers ahead 11-10. But their lead was short-lived as the Panthers rolled on.

Patapoff took the second half tip-off and scored. With fifteen minutes left Gee made the score 38-35, Chapman. Then it happened. (The Beavers completely fell apart.) With Chapman playing very aggressively, the Tech team was futile in its attempt to stop the slaughter. Butler fouled out with ten minutes remaining, and from there on out the Beavers lacked any scoring threat. Patapoff and Sereno left early, too.

With five minutes remaining Tech trailed 62-36. During a ten minute period Chapman had made 24 points to Tech's 1. That was enough to sink them. Chapman ran away and won 72-42.

This game should prove to Coach Shy that he cannot rely upon one man to do all the scoring. When Chapman found that the Tech forwards could not hit the basket, they wisely dropped two men back on Butler to

THROOP LEADS

(Continued from Page 3)

Ricketts moved into a tie for first in the tennis wars with a 3-1 win over Fleming. In the singles Preston (R) def. Ming (F) 6-1, 6-14; Johnson (F) def. Dessler (R) 6-4, 6-3; Stannard (R) def. Potter (F) 4-6, 6-4 and 7-5. Only one doubles match was played. Dessler and McCormick (R) def. Wong and Johnson 6-2, 8-6.

hold him under control. Admittedly Thorne was off, but the opposition was piled up on him, too. Let's hope those forwards start shooting soon.

Caltech rooters should enter the PCC gym through the east door and sit on the south bleachers Saturday.

Lineups:

Cal Poly (52)	Caltech (38)
Hausman	F. Gray (3)
Peterson (19)	F. Stevens (2)
Sullivan (5)	C. Butler (14)
Madden (11)	G. Tautz (2)
Barnett (3)	G. Gee (1)

Halftime—Poly, 25; Tech, 17.
Scoring subs: Poly—Anderson, 1; Fast-binder, 1; Chamberlain, 12. Tech—Ireland, 1; Michaelson, 6; Scott, 2; Moore, 1; Sereno, 6; Patapoff, 1.

Chapman (72)	Caltech (42)
Lougee (9)	F. Gray (3)
Snell (11)	F. Michaelson (6)
Arzenz (11)	C. Butler (9)
Weatherill (16)	G. Sereno (6)
Reeves (13)	G. Patapoff (6)

Half-time score: Chapman 31, Caltech 26. Scoring subs—Chapman: Holloway 6; Barney 6. Caltech: Ireland 2, Stevens 2, Daily 2, Tautz 2, Gee 4.

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BUTTIN' IN

(Continued from Page 3)

ponent only during the dual meet competition, the Sagehens will not compete against Oxy in one of these triangular meets. The scribes caught wind of this point and incorrectly interpreted the plan to mean that Pomona was cancelling their track meet with Oxy.

Double-Header

This Saturday the casaba fans will get their money's worth at the Pasadena CC gym. The conference is offering a double-header which should prove to have plenty of thrills.

CALTECH FELLOWSHIP

On Jan. 25 the Caltech Christian fellowship held its midyear election of officers. Al Kraus was elected president; Walt Thorson, vice-president, and Al Lord, secretary-treasurer. The new leaders assumed office on Feb. 5 and will serve until the end of the school year.

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FROSH SPORTS ROUNDUP

(Continued from Page 3)

14 managed to score. The issue was never in doubt after Plambeck took the opening tip-off for a lay-up shot. From then on Tech drew steadily away to a half-time lead of 36-18.

Fouls came thick and fast in the game, with Tech taking 35 gratis tries. Anson got nine of his points via the free-throw line, while Curt Johnson tossed in 6, making his 10 point total second high for the night. Two of Chapman's startling line fouled out in the last half. High man for Chapman was Davis, with 9 digits.

Scoring for Tech besides Anson and Johnson were Smith with 6; Plambeck and Vodopia, who plunked in 4 apiece; Watson with 3; Pinkerton with 2; and Henderson, Kaiser, Taylor, and Peyton, all making one from the free-throw line.

POMONA THIS WEEKEND

This Saturday finds the frosh journeying to Oxy to meet a

IH TRACK MEET

(Continued from Page 3)

Levin of Oxy with a best of 47 ft. 3 in., and Oleson, also of Oxy, with a 46 ft. 8 in. Fearn from Whittier has done 43 ft. 8½ in.

Discus Prevue

In the discus it's the same men for Tech with Woody as the leader with 113 ft. 8½ in., as compared with Tech record of 142 ft. 3 in. Locher of Oxy was outstanding in the conference last year, with a best of 140 ft. 6¾ in. Others are Emmett of Pomona, 131 ft. 8 7/8 in., and Colbath, also of Pomona, with 134 ft. 2 1/2 in.

Throwing the javelin for Tech are Johnny Nobles, who has done 167 ft. 4 in., Sam Middlebrook with 161 ft. 11 in., Neil Steffanides with 154 ft. 6 in., and Gene Jordan. Johnny has al-

rugged Pomona quintet which holds a win over Whittier, as well as a victory over us in the Invitational Tourney held a while back. Game time is 8:00 p.m.

ready tossed the wand 165 ft. in practice, just to prove that he can take a good many points this year.

Surprisingly enough, the leading competition is at Redlands, whose Ward has thrown 188 ft. 3 1/4 in., best in the conference last year. Dennis and Sieben of Oxy come next with 184 ft. 9 in. and 189 ft. 2 3/4 in., respectively.

PRESIDENT

(Continued from Page 1) ber of the Board. Further the degree to which some functions of the ASCIT are successful is determined by the President's choice of candidates for appointive positions.

This, then, is an extremely brief and nebulous outline of duties. Versatility and discretion are the two greatest assets a President could have, for he must deal with, and understand, many very different people, with very different interests and objectives.

Respectively,
Ulrich Merten,
ASCIT President

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