

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 yells well enough to be able to lead them.

Ready for Public

Now you are ready for public

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.

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.

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.

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

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?"

Our intellectual strength is rooted in our colleges, and our government realizes its necessity. The government is very likely, opined Dr. DuBridge, to have us serve in the capacity for which our education here has prepared us; that is, in technical fields.

3½ Million Needed

Dr. DuBridge talked to Army Chief of Staff General Collins and learned that the government has no intention of building up an enormous military establishment similar to World War II, but plans to build up over a period of two years a steady force of 3 to 3½ million men. We must plan to maintain this strength, however, over a period of 10 or 20 years. The question is, how attain a steady rate of flow.

Higher Mathematics

The number of men in the armed forces is equal to the average flow per year times the period of service. Since volunteers and career soldiers normally keep our armed strength up to about 1½ million, 2 million more are needed through conscription. At the present time there are about 1 million men in each one-year age group, about .8 million of which would pass physical and mental tests. From these statistics it is seen that every able man would have to serve about 27 months in order to keep our strength up to the desired level.

This theory is the basis of the proposed Universal Military

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 Leatherlungs

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, Irwin 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.

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 Furlen 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 at Caltech
2:00 Interhouse Track meet
3:00 Varsity Basketball, Caltech vs. Pomona at Oxy
9:00 Varsity Basketball, Caltech vs. Pomona at PCC
WEDNESDAY, FEBRUARY 14
6:30 Varsity 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—All degrees/ME, CE, EE, CHE, CH, The Procter & Gamble Mfg. Co., Long Beach, Calif. Mills S. Hodge, 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, Oakridge Nat. Lab., Carbon Chemical Div., Union Carbide & Carbon Corp., Oakridge, Tenn., Dr. James H. Gabbard.
TUESDAY, 13—BS & up/ME, Ch, CHE, Ethyl Corp., Baton Rouge, La.—F. C. Holmes.
TUESDAY, 13—ME, Gen. Engrs. (Technical Sales—all of U. S. Offices); ME (Technical Research, Detroit, Michigan); Ethyl Corp., R. R. Faller, Mgr. of Training.
TUESDAY & WEDNESDAY, 13 & 14—BS, MS, PHD/EE, ME, PH, MA, CH, MS, PHD/CE, Ae. North American, Downey, Calif. R. K. Holbrook, Personnel Director, Aerophysics & Atomic Energy Res. Division.
THURSDAY & FRIDAY, 15 & 16—BS & up/AE, EE, ME, Wright Patterson Air Force Base, Dayton, Ohio. Mr. Beckham, Civilian Personnel Division.
THURSDAY & FRIDAY, 15 & 16—Ae's Lockheed Aircraft, Burbank, Calif. Mr. Mattson.
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. C. Hill and Mr. Scarfe, BS, MS/EE, ME (Training Program) BS, MS/Ch, CHE, Metallurgists (Direct Hiring).
THURSDAY, 22—BS, MS, PHD/Ch, CHE, ME, Ph, Ae. Romh & Haas Company, Philadelphia, Pa., J. F. Kincaid.
FRIDAY & MONDAY, 23 & 26—BS, MS, PHD/EE, ME, PH, Ae. Minneapolis-Honeywell Regulator Co., Minneapolis, Minnesota, Vance Jewson.

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, harpichordist, 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, (1678?-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

most elegant melodies. He is a melodist supreme, not overshadowed 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, orthaphonic, 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 Rodzinski will appear as guest conductor with the Los Angeles Philharmonic Orchestra next Thursday evening and Friday afternoon.

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:**
 Lee Pattison, pianist
 Balch Auditorium, Scripps College, 8 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 "Feuersnot"
- 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.
 Beethoven: Les Adieux
 Schubert: "The Wanderer"
 Schumann: Scenes of Childhood
 Liszt: Funerailles
 Dohnanyi: 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 Grosso
 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 Rodzinski, cond.
 Philharmonic Auditorium, 8:30 p.m.
 Vivaldi-Silotti: Concerto Grosso in D Minor
 Aaron Avshalomoff: "Peiping Hutungs"
 Strauss: "Der Rosenkavalier" Suite
 Tchaikovsky: Symphony No. 4

Who Dealt This Mess

by John Rogers

The Use of Trumps

One problem which declarer often faces is deciding how to play the trump suit. Usually it is good practice to draw all of defender's trumps before they can do any damage. This week's hand, however, illustrates one situation in which such a policy would be disastrous.

SOUTH

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

WEST

S K,J,7
 H 8,7,2
 D K,Q,J,10,8
 C 10,6

EAST

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

NORTH

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

BIDDING

N	E	S	W
—	—	2S	P
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

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 diamonds, 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

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FACULTY ADVISER

Prof. G. R. MacMinn

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.



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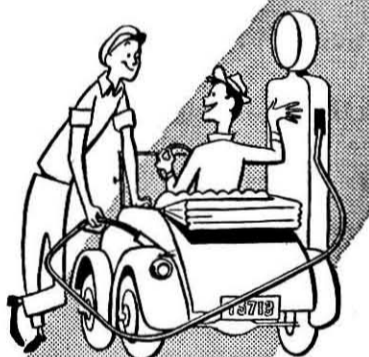
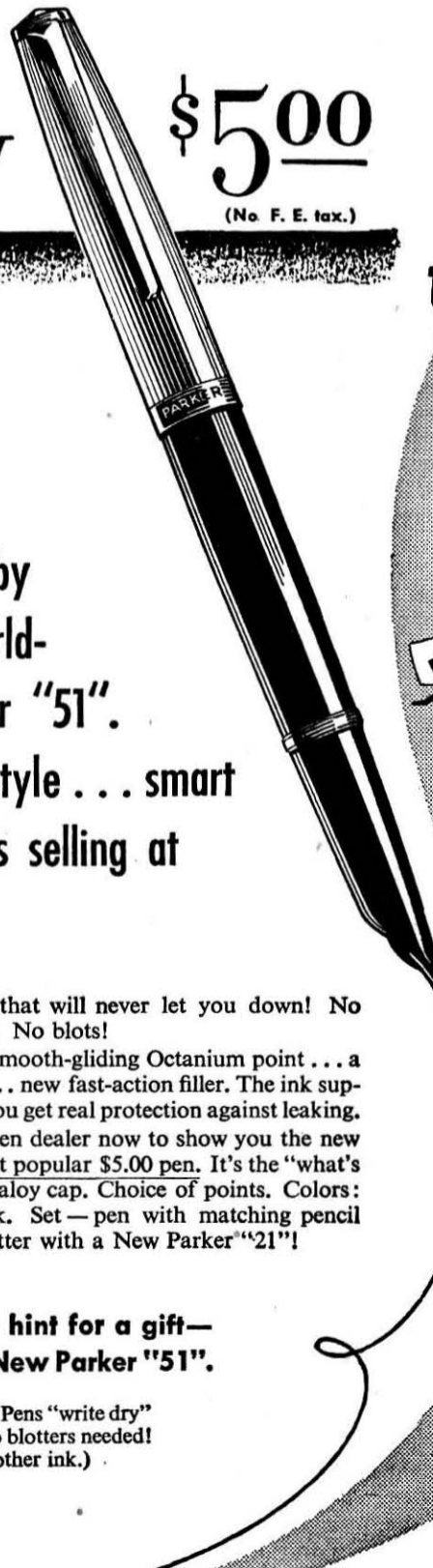
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Tennis Season Opens; Baseball Work Begins

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, Roger Baier, Berke Welch, Jim La Fleur, Ed Eylar.

Doubles:

Palmer Smith—Jack Martin, Roger Baier — Berke Welch, Tom Emery—Ed Eylar.

Frosh talent last year promises to add greatly to this year's team. Palmer Smith won last year's Scott Tournament. Ed Eylar, 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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Beaver Sports

BUTTIN' IN

—by Butler

Last week end proved to be very dismal for the Caltech casaba 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 Beaverbabes was Fred Anson who bucketed a whopping 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 op- (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 discus 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 1/4 in. For comparison, the Caltech record is 49 ft. 4 3/4 in. by Raitt of Redland. Leading competition is (Continued on Page 4)

Prospects Good

Prospects are good this season. With nine returning lettermen and a few good-looking prospects from the Frosh team of last year, the team will not lack power this year. The pitching staff will be the strongest it has ever been.

The top pitchers are Grey and Hedrick, who have been starting pitchers for the Varsity, and last year's Frosh pitcher, Winslow. The rest of the line-up probably will be the same as last sition open at second base.

Throop Leads IH Trophy Standings

Throop came up fast with a 9-6 victory over Fleming to tie Blacker for the Inter-House softball championship. Dabney spoiled Blacker's perfect record with a 4-3 win. As a result of the softball standings Blacker moved into second place behind Throop in the Inter-House trophy standings.

FINAL IH SOFTBALL STANDINGS					
Throop	3	1	0	.750	18
Blacker	3	1	0	.750	18
Dabney	1	2	1	.375	10
Ricketts	1	2	1	.375	10
Fleming	1	3	0	.250	4

INTERHOUSE TROPHY STANDINGS					
Throop	63				
Blacker	57 1/2				
Dabney	51 1/2				
Fleming	42 1/2				
Ricketts	37 1/2				

(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 Greutert

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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BEAVERS, SAGEHENS

(Continued from Page 3)
was followed by returnee Harry Patapoff's beautiful one-handed push shot from 25 feet out.

Patapoff took the second half tip-off and scored. With fifteen minutes left Gee made the score 38-35, Chapman. Then it happened.

With five minutes remaining Tech trailed 62-36. During a ten minute period Chapman had made 24 points to Tech's 1.

This game should prove to Coach Sny that he cannot rely upon one man to do all the scoring.

THROOP LEADS

(Continued from Page 3)
Ricketts moved into a tie for first in the tennis wars with a 3-1 win over Fleming.

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

Lineups:
Cal Poly (52) Caltech (38)

- Hausman (19) F. Gray (3)
Peterson (19) F. Stevens (2)
Sullivan (5) C. Butler (14)
Madden (11) G. Tautz (2)
Barnett (3) G. Gee (1)
Half-time: Poly, 25; Tech, 17.

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.

Double-Header

This Saturday the casaba fans will get their money's worth at the Pasadena CC gym.

CALTECH FELLOWSHIP

On Jan. 25 the Caltech Christian fellowship held its midyear election of officers. Al Kraus was elected president;

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.

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,

Scoring for Tech besides Anson and Johnson were Smith with 6; Plambeck and Vodopia, who plunked in 4 apiece,

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.

Discus Prevue
In the discus it's the same men for Tech with Woody as the leader with 113 ft. 8 1/2 in.,

Throwing the javelin for Tech are Johnny Nobles, who has done 167 ft. 4 in.,

rugged Pomona quintet which holds a win over Whittier, as well as a victory over us in the Invitational Tourney held a while back.

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.,

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,

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