

Costume Dance To Climax Sorb Drive Saturday Night

Loman, LaMarre Music Featured; Hawthorne To Judge Costumes

Saturday night at the Oakmont Club in Glendale will set the scene for one of the most unusual social events of this or any other year.

At 9:00 Hal Loman will give the downbeat which will start the four-hour dance. Nappy Lamarre, whom you all will remember from the Interhouse Dance, will give out some live jazz during the intermission.

To Get To Dance

Go out Colorado Street to State Highway No. 2; which is Verdugo Road in Glendale. Turn right if you're going from Pasadena, and continue on State Highway No. 2 to Country Club Road (about 5 miles distance).

The dress is strictly Sorbian and as ridiculous as possible. Jim Hawthorne, a well known Presidential Candidate on the Cornball ticket, will judge the costumes.

Drama Tryouts Set For Tuesday Night

Next Tuesday evening is the big night for all incipient hams. Ten major roles are open, and a number of minor ones are to be filled.

For the fellows: Anything European and ridiculous. A peasant outfit, military costume, diplomatic attire sans pants, leather breeches and Tyrolean hat, or any ridiculous combination thereof.

We request, however, that no one come in a fur lined support belt with no other protection for the extremities. This doesn't apply to women who have no hair on the rump.

For the girls we suggest a peasant girl costume, a foreign spy's slinky dress, a Continental bathing suit perhaps, after it gets pretty deep there. In general, just something unusual and novel, that's not seen at every costume ball.

DON'T FORGET TO CONTRIBUTE TO THE "Y"

Spectroscopy Lecture Planned for Chem Club

The Chem Club is featuring a lecture on mass spectroscopy to be given by Mr. A. P. Gifford of the Consolidated Engineering Corporation in Pasadena.

Thursday, Feb. 26, there will be a field trip for members of the Chem Club to the C.E.C. plant on N. Lake. They will see the mass spectrometers and other equipment manufactured there.

New members are welcome to the Chem Club. Full memberships is open to any undergraduate in Chem. or Applied Chem. and associate membership is open to anyone on campus.

Campus Calendar

- THURSDAY, FEBRUARY 19—Upper Class Luncheon Club at the Training Table, 12:00. Throop Club Meeting, 12:20 p.m. Chem Club Meeting, Mass Spectroscopy, 22 Gates, 4:30 p.m. Dancing Class, Culbertson Hall, 7:30 p.m. Glee Club Rehearsal in Throop Club, 8:30 p.m.

Red Cross Drive To Get Early Start

The National Red Cross Fund Campaign will open at the Institute about February 20th.

Both Institute President DuBridge and the ASCIT Board of Directors trust that the Institute as a whole will contribute to this fund in as generous a way as possible.

It is hardly necessary to remind the students of the scope of activity of the Red Cross. When you are contacted for a contribution we hope you will do your part to enable this organization to carry on its fine work.

Findings to Aid Instructors

The survey is designed to reveal the instructors at Caltech the phases of instruction in which they do not attain the standards expected by the students and it is hoped that

results of the poll will aid them in improving their courses and teaching methods. All students are therefore requested to consider the survey seriously and to evaluate their instructors' methods from a sincere and objective point of view.

Poll Committees

At present Tau Beta Pi subcommittees are at work compiling a comprehensive questionnaire and arranging for distribu-

Proposed Changes In ASCIT By-Laws Slated for Balloting

Amendments to the By-Laws Appearing on the ballot February 26th, along with the names of the men running for the ASCIT offices, will be several proposed changes in the ASCIT By-Laws.

Recognition for work of distinction in the field of electrical engineering was given three California Institute of Technology graduates recently at Pittsburgh, Pa., where the annual mid-winter meeting of the American Institute of Electrical Engineers is being held.

Three Tech Grads Receive EE Awards From Eta Kappa Nu

Dr. John R. Pierce, now associated with Bell Telephone Laboratories in New York, received the top award for the year 1942. Dr. Pierce did both his undergraduate and graduate work at Caltech, obtaining his doctor's degree there in 1936.

Alexander C. Monteith, an executive engineer of the Westinghouse Electric Corporation, will speak on the opportunities in the power industry at the CES assembly Monday at 11:00 in 201 Bridge. Mr. Monteith is the manager of Westinghouse's Headquarters Engineering Department, and Director of Education.

As Director of Education for Westinghouse, Mr. Monteith has over-all responsibility for student recruitment and training, university relations, including university visitation, scholarships, fellowships and professorships.

Seats Available for Stassen Rally at Shrine

Harold Stassen, candidate for the Republican Presidential nomination, will speak at a rally at the Shrine Auditorium next Tuesday night, Feb. 24.

Five hundred seats have been reserved for students in Southern California. Techmen wishing to attend should contact Len Herzog in Dabney today.

In the Presidential preference poll conducted by the "Y" on campus and reported in last week's issue, Stassen made the strongest showing of all the probable candidates. He was followed by Warren, Dewey, Truman, Taft, and Wallace, in that order.

LOVE THAT PROF? — Tau Bates to Find Out Students to Air Opinions in Poll During Early March

During the first week of March all Caltech students will be given the opportunity to air their views and opinions of instructors and courses during a survey to be conducted by the Caltech Chapter of Tau Beta Pi.

Techmen are urged to be on the lookout for further announcements about the poll, for smooth functioning of the project will depend upon the students' knowledge of the poll mechanism.

Nomination Assembly Slated For Tomorrow in Culbertson

Board of Directors, Publications Positions To Be Filled in Elections

Noon Today Set as Deadline for Submission of Written Nominations

The purpose of tomorrow's assembly at 11:00 in Culbertson is to introduce the candidates for the ASCIT election next week, and it is essential all students attend.

Junior Engineers Requested to Take P & G Soap Test

All Junior Engineers are requested to take a selection test in Room 206 Dabney at 4:15 p.m. on Wednesday, March 5, 1948.

This test has been compiled by the Procter and Gamble Company and is used in selection of their engineering personnel. Each man taking the test will send an individual report showing his score on the test.

This is an excellent opportunity for Juniors in Engineering to obtain an evaluation of their standing. The test requires approximately one hour. No preparation can be made for the test.

Those who desire to take this test should leave their names at the Placement Office, Room 120 Throop Hall, immediately. All Junior engineers are urged and requested to take it.

Snow Valley Scene Of Blacker Party

The social committee of Blacker decided to give the men a chance to participate in a wild affair last Sunday. Due to the high morals of the Blacker men, however, nothing out of the ordinary happened.

The event was a snow party scheduled at Snow Valley. The party left Pasadena at 9:30 a.m., arriving on the scene shortly after noon. Conditions were ideal for full enjoyment of the outing—about two feet of snow was on the ground, the weather was fine, and everybody was well provided with the tools of the trade.

Skiing and tobogganing took up the bulk of the time. A lodge close by provided refreshments and entertainment for those peasants who were too ignorant to take full advantage of the surroundings.

Interview Schedule

- FEBRUARY 18, 19 AND 20—DOUGLAS AIRCRAFT COMPANY, Mr. C. C. Laverne. Seniors and Graduate students in AERONAUTICS, ELECTRICAL ENGINEERING AND MATHEMATICS. BS students in Mechanical Engineering interested in Mechanical design and board work. PROFESSIONAL AND PhD candidates in Physics.

Written Nominations Asked

All nominations must be given in writing to a member of the Board of Directors by noon today. These men are Bruce Worcester, Frank Wolf, Bill Muehlberger, Bob Poindexter, Stan Barnes, Bill Karzas, Jack Ottestad, Bud Mittenenthal, and Mike Sellen.

Assembly Program

At the assembly tomorrow, the nominations will be made publicly, and the nominees will give their speeches of acceptance. In the meantime nominations will be posted on the ASCIT bulletin board in Lower Throop.

Otherwise nominations for each office are considered closed thirty seconds after the last candidate has been announced at the assembly.

Election Week

Next week will see many campaigns for office, and the election rally will be Wednesday night, Feb. 25. Elections are Thursday, Feb. 26. Those elected to the Board of Directors will take office before the end of the second term, and remain in office for one year.

Exchange Picnic Next As Dabney Social

This coming Saturday Dabneyites will unite with the rest of the ASCIT at the ASCIT Lusatic Sorb Dance at the Oakmont Country Club. Sunday afternoon house activities will again be resumed, as from 1 to 4 p.m. the men will meet 50 Oxy girls at the Dabney-Haines, La Casa, Armadale Picnic, to be held at a local park.

Semi-Formal Dance

Thursday, Feb. 26, another of the Scripps-Dabney dinner exchanges will be held, when 25 men from Dabney will go out to Scripps in exchange for an equal number of girls from Dorsey Hall.

The Valentine's Semi-Formal Dinner Dance turned out to be one of the most successful events of the year. At 8 o'clock nearly 25 couples went to Pierre's for dinner. The meal itself was especially notable for the dessert, which was something like a root beer float, but not quite.

Entertainment was provided during the intermission by Don Royce, Bruce Hedrick, Dan Markoff and Jack Ottestad. Especially outstanding was the Ottestad-Markoff midget act, whose effect in putting the audience in stitches was the most successful the team has achieved this year.

PROPOSED ASCIT BY-LAW CHANGES

(Continued from Page 1)

Article IV, Sec. 3. Delete the words "and shall sign all checks for all expenditures authorized by the Board of Directors."

Sec. 5. Delete "and shall sign all checks for all expenditures authorized by the Board of Directors."

The reason for these deletions is that this subject is adequately covered in ARTICLE XII Sec. 5 of the By-Laws. (See recommended changes in ARTICLE XII.)

Article VII, Sec. 3. Delete the words "June 30th." REASON—The time by which the work of the Treasurer must be completed cannot be so definitely stated. By the very nature of his business his work will carry on through the summer and it is felt that June 30th is entirely too arbitrary.

Article XI, Sec. 7. Rewritten to read as follows, "There shall

be a Publicity Committee with the Publicity Manager as Chairman. REASON—It is impossible to say how many men the Publicity Manager will need as this number will vary with the situation each year.

Article XII. This entire article has been rewritten to read as follows:

Sec. 1. DUES. The Corporation dues shall be fifteen dollars per year, payable five dollars upon registration each term. The funds from these dues shall be divided between the Athletic Department of the Institute and the Corporation as follows: for the first and second term, three dollars to the Corporation and two dollars to the Athletic Department and for the third term three and one-half dollars to the Corporation and one and one-half dollars to the Athletic Department.

Sec. 2. BUDGET. At the end of each college year the Board of Directors shall adopt a budget to govern all expenditures for the following college year.

Sec. 3. INVENTORY. The Treasurer shall at the end of each college year prepare an inventory of all property of the corporation.

Sec. 4. AUDIT. All of the books of account of the Corporation including those of the Big T and the California Tech shall be submitted by the Treasurer to a certified public accountant at the beginning of each school year for auditing. The audit shall cover the entire fiscal year just completed. The treasurer will also submit vouchers for the fiscal year concerned, including all checks and bank statements, purchase orders, bills and receipts.

Sec. 5. PURCHASE FORMS. All purchases shall be made as follows: triplicate numbered order forms shall be provided for all purchases or expenditures of the Corporation. Requisitions for all purchases or funds shall be made out in triplicate form and



ELOPEMENT—Two Sorbs shown in the process of eloping. Sorb Dance Saturday night climaxes Independence Drive.

Schutz, McCreery Win History Awards

Two Caltech history professors, Dr. John A. Schutz and Dr. Henry F. McCreery, have been announced as winners of awards by the Pacific Coast Branch of the American Historical Association.

Dr. McCreery received the award for 1947 for his manuscript "German Opinion of the United States during the 1916 Submarine Crisis," and Dr. Schutz received his for his paper "Thomas Pownall: an Early Champion of Anglo-American Cooperation." His award was shared with Professor Wilbur Jacobs of Stanford University.

Both Caltech men are assistant professors of history in the Institute's Humanities department. Recognition will be published in the winter edition of the Pacific Historical Review.

submitted to the Board of Directors for approval. The Treasurer shall keep one blank, the person writing the order shall keep one blank, and the party of the expenditure shall receive the other copy. The President or the Treasurer shall sign the order blank forms before the purchase is made.

Sec. 6. CHECKS. The President, Vice-President and the Treasurer shall have the power to sign the checks of the Corpo-

ration, the signatures of any two being required on any check.

Sec. 7. This section shall remain the same.

REASON—These changes are designed to make the lines of responsibility of the Treasurer more stable and to allow the practice of the last several years to conform with the By-Laws.

Article XIII, Sec. 2. Delete. REASON—This is merely redundancy because Tradition is nowhere defined in the By-Laws.

CAMPUS BREWINS

Upon reviewing last week's column, it seems appropriate to make an additional statement regarding the last Student-Faculty Relations Committee meeting. Inasmuch as this column above all advocates freedom of opinion (as a justification to the very existence of this column), I must state that this column did not mean to give the impression of maligning any members of the faculty of this school, even though it may from time to time have differences of opinion on various items. Apologies are hereby rendered to assuage any bad feelings.

Happy Student

One of the more contented Techmen these days is Don Rolph. Tired of making the fruitless milk run to Scripps, Don has become acquainted in Hollywood. As a result, he is there quite often even on week nights. As a matter of fact, sometimes, it is all he can do to make it to his classes.

Valentine Dance

Dabney had its Valentine Dance on Friday to avoid conflicts with the Scripps Beaux Arts Ball. The former was a very jolly affair although there did seem to be a bit of difficulty with the entertainment. The grievous wounds which Muehlberger received in the pro-tubercule of his anatomy at the Sorb assembly, did not seem to have a detrimental effect on his rhumba. He can still shake it.

Big Hero

Speaking of heroes, Carl Price is the hero of the week. While practicing for the Sorb assembly and climbing down from the balcony on a rope, sometime went wrong and Carl experienced a rapid acceleration. The boy could

Section one covers the entire subject adequately.

Article XIV, Sec. 1. (b) There shall be one manager each for cross-country, golf and tennis.

Sec. 2 (b) Delete this part. REASON—There is no need for these sections any longer as practice of the last several years has clearly indicated.

Article XV, Part A.

Sec. 3. FINANCES. The Business Manager of the California Tech shall be responsible for all funds belonging to the California Tech and shall deposit all funds received in such bank as approved by the Board of Directors. He shall account for all receipts and expenditures in a manner recommended by the Treasurer of the Corporation. He shall submit mid-term, term and annual reports to the Board of Directors on the financial condition of the California Tech. All checks for expenditures shall be signed by both the Business Manager and the Editor.

Part B.

Sec. 3. FINANCES. The Business Manager of the Big T shall be responsible for all funds belonging to the Big T and shall deposit all funds in a bank as approved by the Board of Directors. He shall account for all receipts and expenditures in a

hardly walk after he picked himself up off the floor, but he still carried on in the historic pageant, by hobbling down the aisle for the duel.

Winter Sports

Among those clustered at the Ski Hut was a group from Blacker on a so-called snow party. The activities consisted mostly of eating hamburgers, burying each others' faces in the snow, and lounging around the hut in semiconscious stupors. Marshall did most of the cooking while Cotton was in charge of garbage disposal, quite appropriately. Stillman and date were thoroughly buried in snow while bogganing, but they seemed to enjoy it immensely.

Scripps Dance

The Scripps Beaux Arts Ball was a very gay affair, although not quite like their Parisian namesake (much to the disappointment of all ETO vets present). There was a dearth of half-clad women screaming down the street. Muehlberger dressed as a rainmaker and Heath looking remarkably like a Sorb paused to engage in a water fight.

Dichards

(Censored) honored the spoon with a visit last Monday when he and a group of associates brewed their own coffee elsewhere and then carried it over to the "Outhouse" for consumption in a protest to the new high prices. For some reason this did not meet with the spontaneous approval of the management. They threatened to sue. However, a lot of favorable student sentiment was aroused. Who knows; some day they may speak of the famed Caltech Coffee Party in the same breath with the Boston Tea Party.

manner as recommended by the Treasurer of the Corporation.

He shall submit mid-term, term and annual reports to the Board of Directors on the financial condition of the Big T and such additional reports as the Board of Directors shall require. At the beginning of the school year the Business Manager shall submit a budget for that year's Big T to the Board of Directors for approval. The Business Manager shall be held directly responsible for reporting immediately to the Board of Directors any important changes which occur in the school year. All checks for expenditures and funds shall be signed by both the Business Manager and the Editor of the Big T.

Part C.

Sec. 4. FINANCES. The Editor or the Co-Editors of the Little T shall keep their own accounts and shall present a report to the Board of Directors as soon after the start of the third term as is practicable. The first \$400.00 net profit shall go to the Editor or Editors as the case may be. Any profit above this amount shall be split evenly between the Corporation and the Editor or Editors.

Part D.

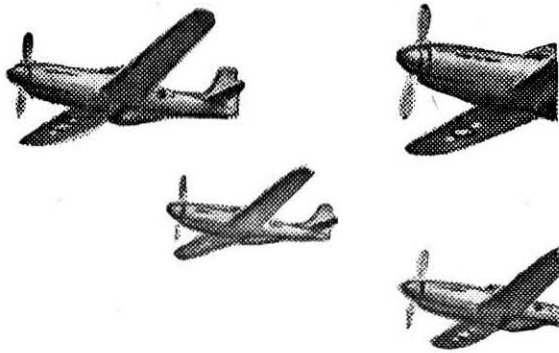
Sec. 1. Delete "All collected receipts shall be given to the Treasurer; refusal to do so will constitute a breach of the Honor Code and shall justify the withholding of a man's clearance from the Institute."

REASON—It has been found that it is much more convenient to make each Business Manager responsible for the funds of the particular publication for which he works.

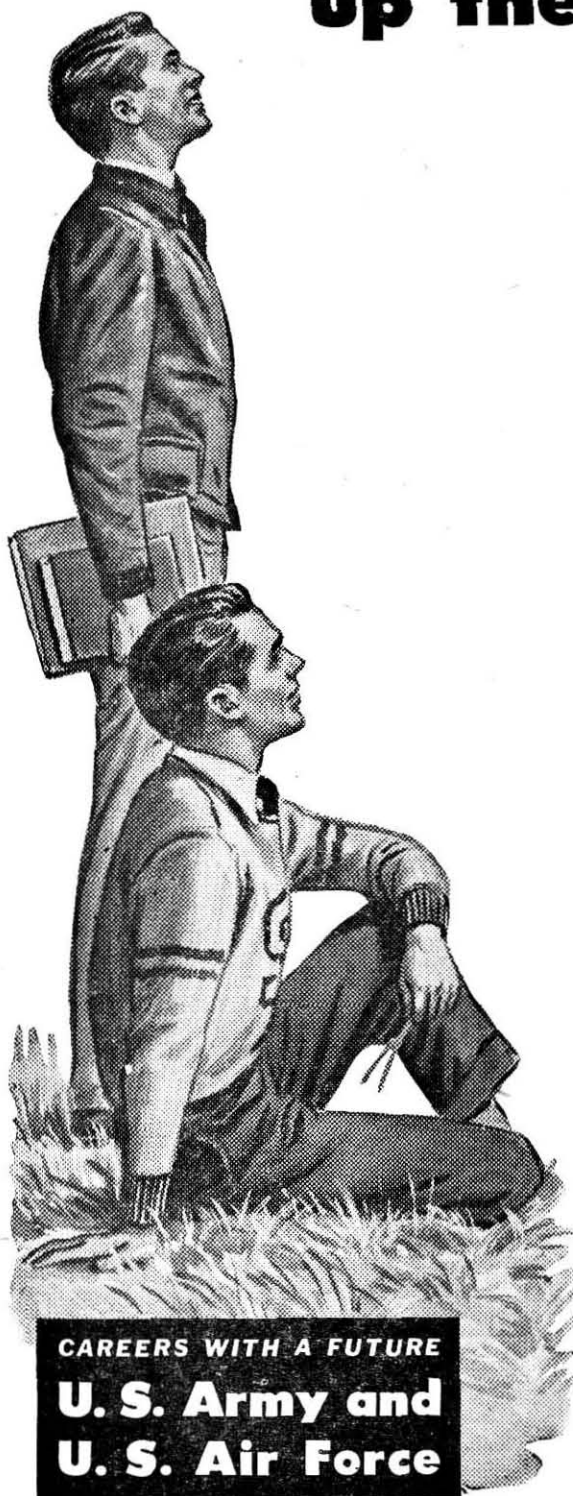
Changes Interlocking

One word of caution—by a perusal of the Little T it will be found that any of these changes are interlocking and a change in one section necessitates a change in other sections. Therefore when you vote for a change in one section be sure to follow the responsibility of this change to the other sections so there will not be conflicting statements in the By-Laws.

BRUCE A. WORCESTER
President ASCIT



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Frosh Track Meet Shows New Material

In the intra-frosh track meet held last Wednesday, Thursday, and Friday, coaches Anderson's and Doc Haines' frosh cinder-men gave an advance showing of the track material to be used in the Conference Relays, March 6, and other future frosh track events.

Two records were broken and turnout generally was good although some times were slow because of the cold weather and pre-season stiffness.

Highest individual scorer was Walt Edwards, who garnered points by winning the 100, 220, 440, and 880 yard dashes in the times of :11.4, :24.8, :55.4, 2:13.6 respectively.

In the field events Art Miller heaved the discus 117'11" for a new intra-frosh meet record, and won the shot with a put of 33'3". John Lewis took first place in the javelin with a throw of 131'8" for first place in that event.

Bob Cobb took another first in the distances, establishing a new intra-frosh record of 4:55.4 for the mile. Dick Smyth won the two-mile in the time of 11:45.8.

120 Yard High Hurdles race was won by Jim Gillett, and Bill Samson won the 220 Yd. low hurdles.

The following men, listed in the order in which they finished in each event, show promise:

100 Yd. dash: W. G. Edwards, C. Paulson, W. F. Sampson, J. E. Gillett; 220 Yd. dash: W. G. Edwards, K. R. Berg, C. Paulson, R. Bowerman; 440 Yd. dash: W. G. Edwards, C. Paulson; 880 Yd. dash: W. G. Edwards, R. Bowerman, W. Porisky, D. Smyth; One mile run: R. Cobb, R. Smyth; Two mile run: R. Smyth, R. Kurland; 120 Yd. high hurdles: Jim Gillett; 220 Yd. low hurdles: B. Sampson, Dallas Peck, J. Gillett; shot put: A. E. Miller, D. Blanchard, G. Merkel; discus throw: A. E. Miller, J. Lewis, F. Eisen; javelin throw: J. S. Lewis, D. Blanchard, A. R. Cuse, W. Popowsky; high jump: J. B. Johnston; broad jump: J. S. Lewis, D. Smyth, C. Paulson, D. Blanchard; pole vault: no entries.
 *New Caltech intra frosh track meet record.

Second Canto Rally Stops Wilson Team

After playing a listless first half, the Frosh basketball team came to life and trounced Wilson High School of East Los Angeles, 61-52, last Monday afternoon.

Gain in Second Period

Led by the versatile Frosh guard, Dick Brewer, who scored 22 points, the Baby Beavers dominated the second half completely after the lead had changed hands ten times during the early part of the game. Thorne Butler was next in the scoring department with 20 counters, while Sweetman led the losers with 15.

Scoring:
 Caltech (61) Wilson (52)
 Friese (10) F. Sweetman (15)
 Sereno (3) F. Chertkock (6)
 Butler (20) C. C. Kreutzberg (13)
 Brewer (22) G. Brogan (10)
 Stern G. Raymond (2)
 Halftime score: Wilson, 24; Caltech, 23.
 Scoring subs: Caltech—Libbey, 2; Greutert, 4. Wilson—Date, 4; Zimowski, 2.

Classified Ads

FOR SALE—Tux, complete with all accoutrements. See Don Royce, Room 2, Dabney.

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Frosh Sports Roundup

—By Earl Hefner

Overshadowing the recent activities of their fellow classmates, the Frosh basketball team, the Freshman tracksters last week produced some bright prospects for this year's Underclassmen track team, and also for next year's Varsity squad.

Records Made

Bob Cobb, the speedy little miler from P.C.C. and Art Miller, the one person who was the most responsible for the heavy line on the Frosh football team last fall, both did a remarkable job of setting Frosh records in the mile run and discus, respectively. Cobb made a nice record for himself (and Throop) in the cross-country last fall, and is probably the rosiest prospect out at Tournament Park.

Deficient in Some Events

The marks in some of the other events were not too good, but in some cases a severe wind kept the times from being reasonable. Coaches Doc Hanes and Andy Anderson have a nice trio of distance runners in Cobb, Smith, and Edwards, but are somewhat lacking in the sprints, hurdles, and some field events.

With the conference relays looming closer and closer, the two track coaches hope to enter several teams in the meet. Anyone yet interested in participating in the sport is encouraged to start spending their afternoons over at the Park; plenty of exercise can be expected.

Hoopmen Roll Over Wilson

In the hoop sport the Frosh quintet is now just above water in the win-loss column by virtue of their 61-52 win over Wilson High last Monday. Their season record stands at six wins against five defeats, with three games remaining on their schedule. The young hoopers have the unique record of never having lost a home game, and stand a good chance to hold onto this record up to next Saturday night when they play their final game of the season with Loyola.

Rematch With Loyola

The Loyola five dropped the Frosh several weeks ago by 59 points, but the Freshmen should give a better showing this time, although we certainly aren't so optimistic as to predict a victory for the Beavers. The Frosh will, however, be out to make a respectable game out of it, and even try to keep the much-pub-

(Continued on Page 6)

Frosh Cagers Drop Hoop Tilt To Pomonans

Pomona's fired-up bunch of Frosh cagers just couldn't miss last Friday as they took a 56-46 decision from the Beaver Frosh.

Fighting from behind the whole game, the Caltech five gave the Sagehens a hard battle up to the closing moments of the contest. Only at one time, however, did the Frosh hold the lead, at 20-19 near the end of the first half, but a spectacular rally by the Hens gave them a 28-21 half-time advantage.

Beavers Rally

The high point of the first half was the Tech rally which saw them overcome a 10-point Pomona lead. With the tally at 17-7 Butler put through a free throw on a double foul, then Sereno took a pass from the tip-off to score 2 points. Sub forward Dick Libbey dropped a short side shot through the hoop after making a gifter, followed by a pair of hook shots by Bud Friese which tied the score at 17-all.

Tech Gains Brief Lead

After the Hens made good a pair of free shots, Libbey made good another one-pointer succeeded by a tip-in which put the underclassmen into the lead for the only time in the fray.

Hens Gain, Keep Lead

After trailing the Hens by five to 10 points in the final stanza Friese tipped the ball in to make the scoreboard read 43-47. Butler potted a short shot with five minutes to go to narrow the margin to two points, but Fred Shand, sharp-shooting Hen forward who was high-point man for the evening with 16 digits, put one in from the key for the Pomona Frosh.

Pomona Rally Cinches Game

With only a few minutes remaining the Beavers tried vainly to catch up with their rivals, but baskets by Johnson and Addicott clinched the game for the Sagehens, and the final score read 56-46 for Pomona.

The services of first-string guard Ray Greutert were missed by the losers as subs Stern and Martin filled in the vacancy. Friese and Butler were high-point men for Caltech with 13 points apiece, but the scoring honors belong to Herbener, Shand, and Johnson. Those three

(Continued on Page 6)

Talkin' It Over

with The Goon

You men must know how it feels to try to write about twelve inches of stimulating patter of how the sturdy teams of Tech move relentlessly onward to inevitable victory, when just the other night a gang of Sagehens had a one-way direct wire service to the baskets. Those hens couldn't lay an egg that didn't roll through the little iron ring that causes so much trouble.

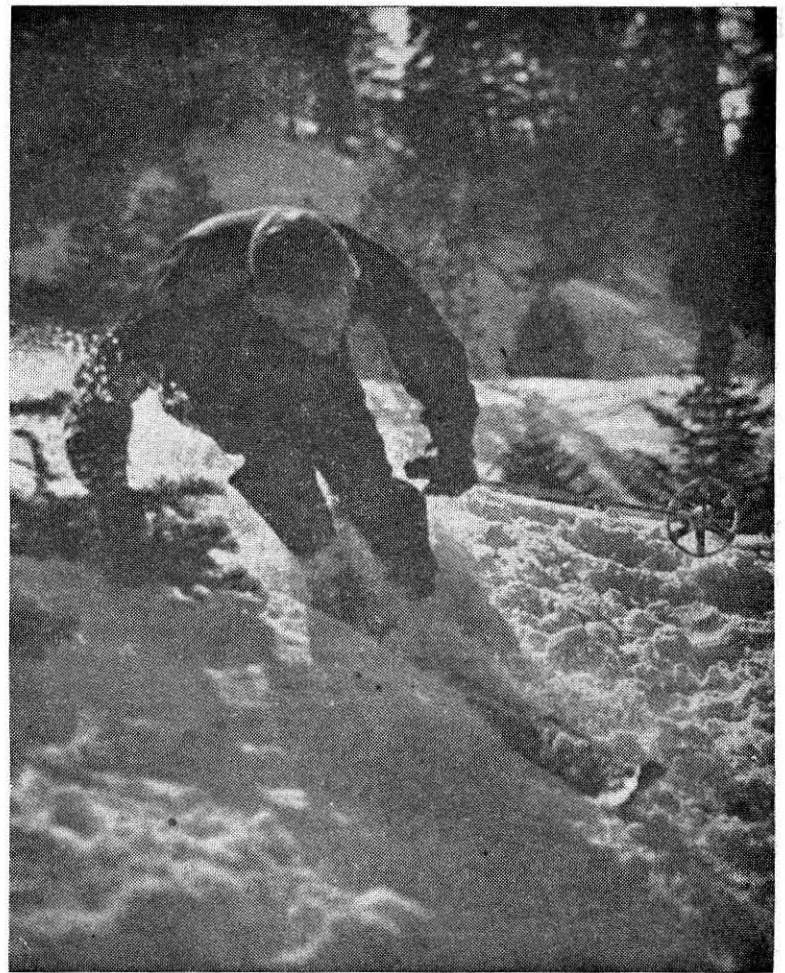
Varsity Loses Pace

I'm not saying this is Blue Monday—it's purple. Starting out like a tornado, the Varsity has slowed down considerably. The fast break sorely needs the services of Rapid Red running on two good legs instead of one and a half crippled. The rebounding has not been as sharp since Ted decided to break his hand so he could take up smoking and drinking again. But most of all the team lacks the stimulus of having a bunch of hard fighting reserves pushing the starting five every night in practice.

Lack of Reserves

Two nights last week there were only nine men braving the cold if the ice box. This Monday scrimmage couldn't start until "The Form" Tyson put away his transit and tape measure, because again there were only nine men. I know damn well that there are men in this school who are very fine casaba handlers but since they figure that they can't make the starting line-up there's no use coming out. This sort of spirit not only cripples the squad, but also lessens the possibility of that guy ever making the Varsity.

Well, it's a little late to be getting the brittle beak. Keep this thought in mind—If a man competes only because he wants to win a letter he's not a real competitor.



SLALOM—Ricketts skier Ollie Gardner shown skiing down a brush covered slope in the Lilly Interhouse meet.

Beavers to Battle Bards

The Beavers hit the comeback trail tomorrow night at the Poet's Palace of Learning. You won't want to miss seeing the Engineers upset the bookies by trouncing the Whittier five and once again throw the Conference into a turmoil. If The Stoker can just get that eye again he could very easily pace the boys to a win.

Polemen Compete

The Interhouse Ski Meet produced a lot of laughs last weekend, along with some very fine skiing. Bob Walquist led the festivities in the former by execut-

ing a very difficult maneuver known as Bathtubing. However with the Moose it was more like "Swimming Pooling." He choose to perform this exquisite feat at the finish line of the Slalom much to the joy of the boys who followed him down the slopes. The fine skiing department was handled by Gardner, Burrows, Blum and Bradley, all of whom went the distance without nicking too many boulders. If the second meet finishes like Sunday's, Dabney will have to unbolt the trophy from their mantle in order to carry it over to its new resting place in Ricketts.

Recognize This Picture?

It's familiar to almost everyone because pictures and stories of the atomic bomb tests at Bikini appeared in newspapers throughout the nation within hours after the historic blast.

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TECH GRABS 4-WAY SKI MEET

Ricketts Skiers Nab Interhouse

The Ricketts House ski team rode roughshod over all contenders in the Interhouse Ski Meet at Snow Valley last Sunday, taking five out of the first seven places. Dabney placed second with Fleming and Blacker taking third and fourth respectively.

Ollie "Speed of Light" Gardner, red-headed Ricketts ace, set the pace on the short slalom course, proving himself to be greased lightning on the boards. Not satisfied with his first speedy run, he turned on the rocket power to cut his time from 18.2 seconds to 16.8 on the second trip. The second best pair of times was turned in by Pete Price, also of Ricketts. A close 0.3 seconds behind Price, Jim Blom took the third spot for Dabney. Bill Bradley, Ricketts, and Sage Burrows, Dabney, took fourth and fifth place with Marv Blair and Blouke Carus both of Ricketts, taking sixth and seventh.

Larry Brundred, Tech grad student and ski enthusiast, set the course on a gentle slope near the Caltech Ski Club hut. In spite of clear skies and melting temperatures, the snow conditions were excellent. The course remained in good condition in spite of holes made by several less experienced but enthusiastic skiers, notably "Bathtub" Walquist.

Win Soule acted as official starter and Ulrich Mertin held the stop watch.

All houses were able to field a full five man team with the exception of Blacker, which was represented by Mason, and Throop.

Name	Total Time	Place
Gardner (R)	35.0	1
Price (R)	37.8	2
Blom (D)	38.1	3
Bradley (R)	40.2	4
Burrows (D)	40.7	5
Blair (R)	42.4	6
Carus (R)	47.8	7
Mason (B)	49.3	8
Whist (F)	52.0	9
Jarmie (D)	54.0	10
Fairall (F)	54.2	11
Whittlesey (D)	56.3	12
Dufort (D)	69.9	13
Richards (F)	42.1	14

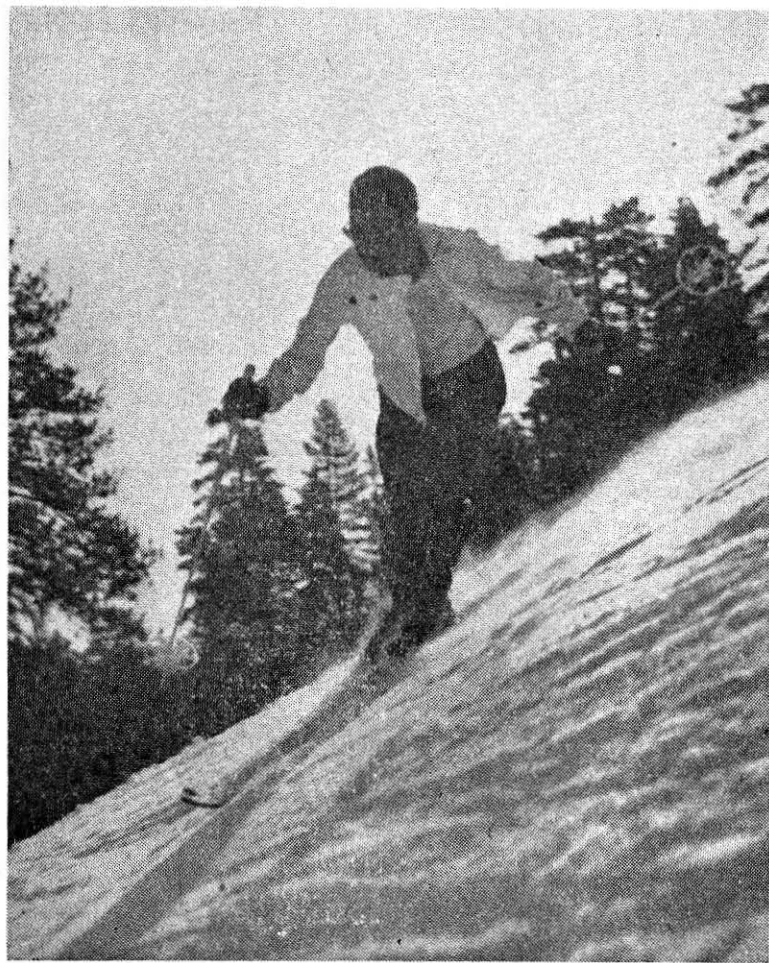
Poets Lose to Beaver Frosh In Basketball

An underdog Whittier Freshman team gave the Caltech Frosh a terrific scare in their game Feb. 10, but the Beaverbabes successfully froze the ball in the final minutes of the game to gain a narrow 48-46 victory. In what was perhaps the young Beavers' sloppiest game of the season, the Frosh trailed most of the initial canto after being held scoreless by the Poets for the first four minutes of the game.

Butler Scores High
Thorne Butler stole the show for the Frosh by making 25 points for the evening. With the score 37-36 for Whittier the Beaver center pushed a pair of shots from under the basket to give the Freshmen a lead they were able to hold to the end of the game.

Hold in Final Minutes
In the final two minutes of play the young Beavers began to stall with a three-point lead, but Ken Nowels, Whittier center, made the score 45-44. Butler tipped one in immediately, and seconds later he was fouled deliberately by the Poets, to give the center another counter. With 18 seconds left forward Bruce Rehwoaldt laid one in, but the Frosh cagers kept the ball away from Whittier the remainder of the game. Scoring:

Team	Time	Points
Ricketts	113.0	100
Dabney	132.8	85
Fleming	188.8	60
Blacker		33



IDEAL CONDITIONS—Ricketts Skier Marv Blair is outlined against the skyline as he passes the camera during the weekend skifest at Snow Valley. Snow conditions were near-ideal.

Beaver Sports

Ricketts Climbs In Bowling League

Ricketts nosed ahead of Fleming by one game to gain second place in the interhouse bowling league this week. Credit for this feat goes to Ricketts No. 2 team, which trounced Fleming's No. 2 team 4-0. High team series of the week also went to Ricketts No. 2 with 2111, while Throop No. 2 rolled high game of 733. House standings now read: Throop, 52 wins; Ricketts, 36; Fleming, 35; Dabney, 30; and Blacker, 27.

Individual Scoring
The individual spotlight this

week shines on Ray Heggland of Throop for his 536 series and 215 game. Following him for series honors are Bill Cootes of Fleming with 510, Bob Benton of Throop with 508, and Bob Levy of Ricketts with 502. Second best game was rolled by a newcomer, Galt Booth of Throop, with 197.

At the present time six men boast averages of 160 or better. These men, who may form the nucleus for any intercollegiate team, are as follows: Woody

CARL'S CALTECH BARBERS
5 GOOD BARBERS—APPOINTMENTS IF DESIRED
ON CALIFORNIA NEAR LAKE

EASILY BEST OXY, POMONA, AND PCC

The Tech ski team showed its power last Saturday by taking four out of six places in the Inter-Collegiate Slalom and Downhill meet with Pomona, Oxy and Pasadena City College at Snow Valley. Oxy was not able to field

Pomona Loss Puts Beavers In Fourth Spot

The hapless Beavers dropped another notch in the conference standings and are now but one game ahead of the cellar-dwelling Redlands Bulldogs by virtue of their 58-to-47 defeat at Pomona last Friday night. It was the Engineers' fourth league loss in a row and dropped them into fourth place with a record of 2 and 4. The Sagehens now occupy third position with 2 and 3.

Beavers Fall Behind
Baskets by Little and McColl started the Sagehens off on the victory trail and the Beavers were unable to even tie the score from that point on. Long shots by Bob Stokely and Paul Saltman's work under the bucket did enable the Beavers to cut Pomona's lead to 12 to 10 midway in the first half, but the Sagehens' fine center, Locke Olson, led a rally which gave the fowls a 30-to-21 half-time margin.

Tech Attempts Rally
A Beaver rally at the outset of the second half threatened the Sagehens' lead, but after pulling up to a 37-to-34 deficit, the Engineers ran out of steam and Pomona tucked away its second straight conference win.

Stokely Scores High
Pomona's Olson was the difference between the two outfits as the lanky pivot man poured in 10 baskets and five free throws for 25 points. Bob Stokely was high for the Beavers with 14 points on 7 long one-handers while Saltman followed closely with 13.

The pennant race has narrowed down to a two-way race between Occidental and Whittier. At present they are tied for first place with records of 5 and 2 with but one game left to play. Oxy's final fray is with the tail-end Bulldogs from Redlands while the sole obstacle to the Poets' title defense is the Beaver five. Scoring:

Caltech (47)	Pomona (58)
Montgomery (5)	Welsh (10)
Bass (6)	Redfield (7)
Saltman (13)	Olson (25)
Stokely (14)	Little (8)
Cox (2)	McColl (2)
Furth (2)	Graas (6)
Tyson (4)	
Vreeland (1)	

a five man team and therefore could not qualify. The teams climbed to Slide Peak early in the morning to pack the hill for the races, while the course was set. The meet got under way at 11 o'clock with a downhill race over a fast half mile course. The best time in this event was turned in by Haywood of Occidental, with McKenney and Schurmeier of Tech taking second and third. The fifth and sixth berths went to Carus and Blom of Tech, while Bill Bradley took seventh place. Ollie Gardner and Pete Price also raced for Tech, but the former was handicapped by an injury received earlier in the day.

The slalom race was held in the afternoon over a tight course containing several sharp hairpin turns and a flush with which many of the skiers had trouble. However, Tech again showed its superiority by dropping only third and fourth place out of the first six. Schurmeier burned up the course to win with a flat 31 seconds, Blom fell three seconds behind to place second with 34.0. Carus and McKenney were fifth and sixth. Third place went to Haywood of Oxy and fourth to Alworth of PCC.

In spite of the difficulty of the course no injuries were reported. A vote of thanks was given to Don Francis, Tech grad student, who set both the downhill and slalom courses, and acted as timer, and also to Win Soule who did a good job of starting the races.

Name	Time
1. Haywood (Oxy)	33.8
2. McKenney (Tech)	35.5
3. Schurmeier (Tech)	36.2
4. Alworth (PCC)	37.7
5. Carus (Tech)	37.8
6. Blom (Tech)	38.1
7. Bradley (Tech)	39.1

Name	Time
1. Schurmeier (Tech)	31.0
2. Blom (Tech)	34.0
3. Haywood (Oxy)	34.7
4. Alworth (PCC)	34.9
5. Carus (Tech)	35.5
6. McKenney (Tech)	35.7

Name	Time
1. Schurmeier (Tech)	69.1
2. Haywood (Oxy)	71.1
3. McKenney (Tech)	74.0
4. Blom (Tech)	74.5
5. Alworth (PCC)	75.1
6. Carus (Tech)	75.9

Team	Points
CIT	296.1
Pomona	331.7
PCC	465.6
Oxy	Unqualified

CALIFORNIA INSTITUTE OF TECHNOLOGY 1948 TRACK SCHEDULE

DATE	VARSITY	FROSH
Sat., Feb. 21	Interhouse meet	Interhouse meet
Sat., Feb. 28	Interhouse meet	Interclass meet
Sat., March 6	Conf. Relays at Oxy	Conf. Relays at Oxy
Sat., March 13	AAU Relays at L.B.	AAU Relays at L.B.
Sat., March 20	Vacation	Vacation
Sat., March 27	Vacation	Vacation
Fri., April 2	CT-Sta. Barb at Oxy	CT-Sta. Barb at Oxy
Sat., April 3	CT-Sta. Barb at Oxy	
Sat., April 10	Redlands at Caltech	Redlands at Caltech
Sat., April 17	Pomona at Caltech	Pomona at Caltech
Sat., April 24	Whittier at Caltech	Whittier at Caltech
Fri., April 31	Conf.meet at Caltech	Conf.meet at Caltech
Sat., May 1	Conf.meet at P'm'na	

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Writing Contests in Poetry, Alcoholism

Two contests in the field of writing have been announced for college undergraduates.

The Estate of Senator J. D. Phelan is offering \$1000 to the winner in a poetry contest. Contestants must be native Californians between the ages of 20 and 40. Applications may be obtained from J. D. Phelan Award in Literature and Art, 820 Phelan Building, San Francisco 2. This contest closes March 15, 1948.

Study of Alcoholism

\$500 in prizes are offered in an editorial contest by the Intercollegiate Association for the Study of the Alcohol Problem. The prizes are offered for short editorials, limited to 800 words, on the subject, "Applying Preventive Medicine to Alcoholism." June 30 is the deadline for entries in this contest. A bibliography on preventive medicine for alcoholism has been prepared by the Intercollegiate Association. It and other contest helps may be obtained from Edwin Maynard, 909 Webster Ave., Chicago 14, Ill.

RICKETTS CLIMBS

(Continued from Page 5)
Bratnober of Throop, 167; Ray Heggland of Throop, 166; Bill Cootes of Fleming, 165; Bob Levy of Ricketts, 164; Bill Root of Ricketts, 161, and Roger Anderson of Ricketts, 160.

SPORTS ROUNDUP

(Continued from Page 4)

licized Norman Glick from duplicating his 42-point total against them. The real game of the week-end, though, will be Friday evening against Pomona in the Slide Rule Kids' final conference game. They took it on the chin from the Sagehens last Friday and will be gunning to keep that home record clean, and, incidentally, end up in second place in the league.

Fair Season

However they finish up this season, we feel they have done a pretty darn good job in their games thus far, the finest of which was knocking off Oxy, 33-27. The Tigers have only one game remaining in loop play, and boast a record of 6 wins and 1 loss. That victory over the

PLACEMENT (Cont.)

All men must be interested in EMPLOYMENT IN THE EAST in Research and Development.

MARCH 3 AND 4—INTERNATIONAL TELEPHONE & TELEGRAPH CORP., N. Y., N. Y. Mr. J. A. Nelson.

ELECTRICAL ENGINEERS for the design and development of telephone and radio equipment and a few with special aptitude for basic research and development. Should be willing to go most any place in the world. Single men preferred unless married men willing to move around.

MARCH 1 TO 5—STANDARD OIL COMPANY OF CALIFORNIA—Mr. Fred K. Ausfahl and Mr. F. Wyatt. RE-INTERVIEW OF MEN NOTIFIED.

MARCH 4—SOCONY-VACUUM OIL COMPANY, INC., New York, N.Y.—Foreign Producing Department has openings for PETROLEUM, CHEMICAL AND MECHANICAL ENGINEERS who, after a brief but complete basic training, will become the future Petroleum Engineers of that department. The training will be given in various oil fields and areas of the United States and will approximate twelve months in duration.

Eagle Rock gang was the first by a Caltech Frosh team in over ten years. Our hats are off to a swell bunch of players and a fine coach!

tion in this country. Training program in U.S.A. will cover such subjects as Production, Maintenance, Drilling, Operations, Laboratory assignments and Field Engineering. Only unmarried students considered and men definitely interested in foreign work.

MARCH 4—All men being interviewed by GENERAL MOTORS CORP. of Detroit, Michigan MUST ATTEND the meeting which is being held in 206 Dabney Hall of the Humanities at 4:30 p.m. Mr. Meade will present information on the company, their recruiting program and answer students' questions. It is very important for it will save the student's as well as the company's time during interviews.

MARCH 5 AND 8—GENERAL MOTORS CORPORATION, Detroit, Michigan. Mr. Kenneth A. Meade. MECHANICAL and ELECTRICAL ENGINEERS qualified for and interested in research work, product development, product design, drafting, production engineering, plant engineering, etc.

METALLURGICAL ENGINEERS qualified for and interested in laboratory control, foundry work and manufacturing jobs.

CHEMICAL ENGINEERS with strong interest in mechanical products and processes who will qualify for laboratory control work.

INDUSTRIAL ENGINEERS qualified for production standards and processing work and training for supervision.

PHYSICS graduate students for research work.

Applicants should be interested in locating in Middlewestern states or in the East.

MARCH 9—WESTERN UNION TELEGRAPH CO., San

STUDENTS SAY (Cont.)

coffee from me."
Pat Glover: "I say: If the commodity index is going down, it's a dirty crime for the price of coffee to go up. I think it's a swindle. I shall be forced to drink tea. Only even their boiled water is stale."

Bill Boutelle: "I think it is perfectly justified."

Francisco, Calif. Mr. Sikora. SENIOR and GRADUATE STUDENTS who have majored, or are especially interested and qualified for COMMUNICATIONS and ELECTRONICS.

MARCH 9—GENERAL ELECTRIC COMPANY—4:30 p.m. to 5:00 p.m. there will be a meeting in 206 Dabney Hall of the Humanities, at which time Mr. Scarfe will outline the Test Course, living conditions and over-all program offered by General Electric Company. All men being interviewed must attend and anyone else who is interested is invited to attend. It is very important to save the student's as well as the Company's time.

MARCH 10, 11 AND 12—GENERAL ELECTRIC COMPANY, Schenectady, New York. Mr. H. C. Hill and Mr. Scarfe. SENIORS and GRADUATES in ELECTRICAL and MECHANICAL ENGINEERING, PHYSICS and CHEMISTRY who are interested in working in the East.

FROSH CAGERS

(Continued from Page 4)

gentlemen were responsible for 46 of Pomona's total.

The Frosh travel to Whittier tomorrow night to try to duplicate their recent win over the cellar-dwelling Poets. Game time is 6:45. Scoring:

Caltech (46)		Pomona (56)
Freise (13)	F.	Herbener (15)
Sereno (4)	F.	Shand (16)
Butler (13)	C.	Addcott (7)
Brewer (5)	G.	Hammon (1)
Stern (5)	G.	Johnson (15)
Halftime score: Pomona 28; Caltech, 21.		
Scoring subs: Caltech—Libbey, 6. Pomona—Holderman, 2.		

Mr. H. E. Callahan of HANFORD ENGINEER WORKS will interview Seniors and Graduates in CHEMISTRY and Graduate students only in PHYSICS who are interested in nuclear and research work and living in State of Washington.

Mr. Hill will talk to Seniors and Graduates in any option who may want to discuss working with them in the East and who were not interviewed in December.

MARCH 19—AMERICAN SMELTING AND REFINING COMPANY—Mr. R. C. Beckstead. For further details watch bulletin boards. FOR INTERVIEWS SCHEDULED BEYOND THIS DATE SEE PLACEMENT BULLETIN BOARD.

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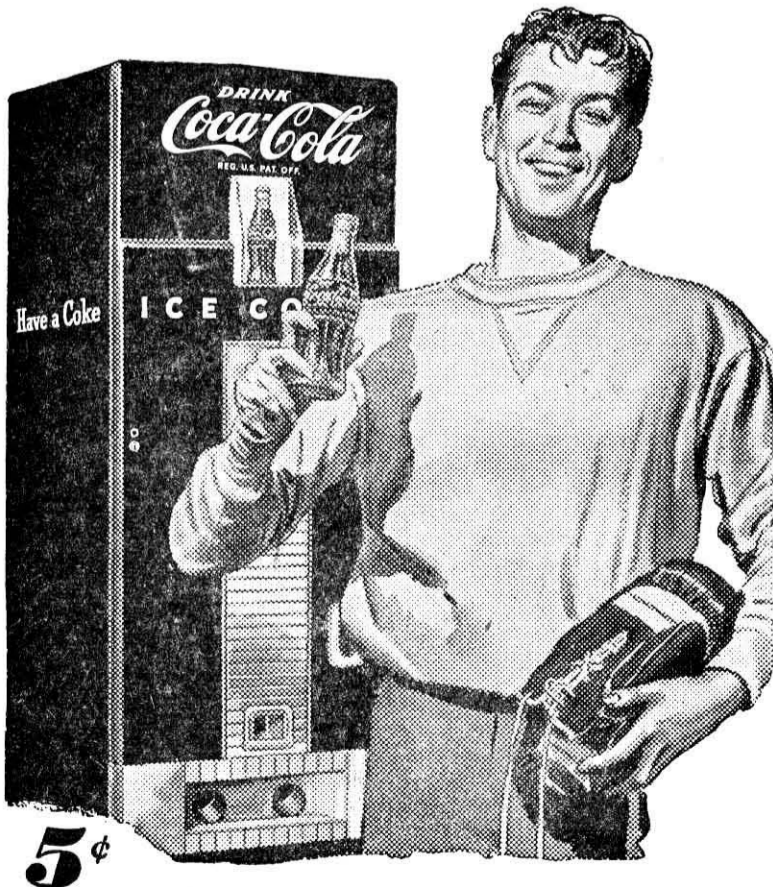
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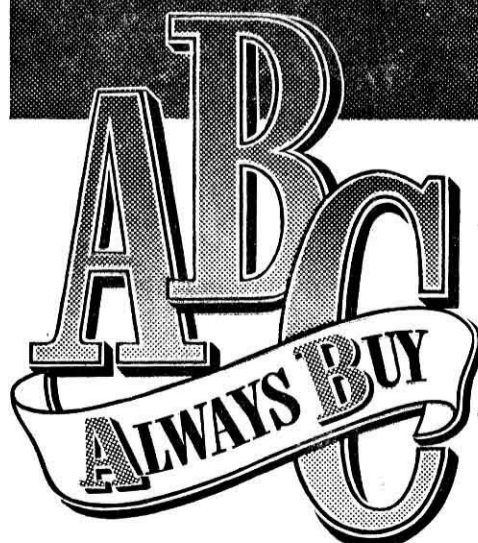
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