

VOTE
IN
ASCIT
ELECTIONS

CALIFORNIA TECH

GET
OUT
THE
VOTE

California Institute of Technology

Friday, March 7, 1947

No. 19

Volume XLVIII

Student Body Elections Today; Polls Open 12:30 To 5:00 P.M.

**Barracough, Mittenthal, Worcester
Vie for Prexy; 24 Other Candidates**

Elections for ASCIT officers will be held this afternoon, with polls open from 12:30 to 5:00 p.m. in the Student Houses, Throop Club, and Throop Hall.

Twenty-seven candidates are running for fourteen offices, including all student body officers and editors and business managers of the publications.

It is urged that all students vote in this election to determine their leaders for next year. Candidates are listed below:

President: Bob Barracough, Bud Mittenthal, Bruce Worcester.

Vice-President: Mitch Cotton, Bob Stokely, Frank Wolf.

Secretary: Bill Muehlberger, Frank Rock, Paul Saltman.

Treasurer: Forrest Allinder, Bob Poindexter.

1st Rep.: Bill Shippee, Bill Smyth.

2nd Rep.: Myron Arcand, Mike Sellen, Dave Warren.

Rally Commissioner: Jack Otestad.

Publicity Manager: Bill Karzas.

Athletic Manager: Stan Barnes, Stu Butler, Larry Nobles.

Big T Editor: Tom Tracy.

Business Mgr.: Bob Crichton.

California Tech Editor: Len Herzog.

Business Manager: Bill Bradley.

Yell Leader: Dick Roehm, Bruce Robinson.

Caltech Junior In ASCE Arizona Meet

Irving Sulmeyer, Caltech junior in Civil Engineering, will represent Southern California in the Southwestern Conference meeting of the Junior Forum of the American Society of Civil Engineering at Phoenix, Arizona, April 25, as the winner of an elimination contest held recently in this area.

Sulmeyer earned the right to represent the Junior Forum at Phoenix when his paper on "Pride and Unity in the Engineering Profession" was adjudged best in a contest between Caltech and U.S.C. representatives.

As winner of the contest, he was awarded \$25 in cash and will receive his transportation expenses to the Phoenix meeting.

Campus Calendar

- Friday, March 7—**
Election of ASCIT Officers, 12:30 to 5:00 p.m.
House-to-house Get-out-vote drive for Tournament Park, 6 to 9 p.m.
- Saturday, March 8—**
Track meet, Redlands at Caltech.
ASCIT Shipwreck Dance at the Royal Palms, 9 p.m. to 12:30 a.m.
- Monday, March 10—**
House-to-house Get-out-vote drive for Tournament Park, 6 to 9 p.m.
- Tuesday, March 11—**
AIEE meeting, 7:45 p.m., 201 Bridge.
- Wednesday, March 12—**
Frosh Luncheon Club at the Training Table, 12:00.
Orchestra Practice in Culbertson Hall, 7:30 p.m.
- Thursday, March 13—**
Upper Class Luncheon Club at the Training Table, 12:00.
Dancing Class, 7:30 p.m. in Culbertson Hall.
Glee Club Practice in Dabney Hall, 8:30 p.m.
- Friday, March 14—**
Faculty Assembly, 11 a.m. in Culbertson Hall.

Venezuela Posts Offered Engineers

**Highway Dept. Summer
Jobs Open to Students**

The Standard Oil Company (N.J.) has positions open for Civil Engineers, Mechanical Engineers, Electrical Engineers, Geological Engineers, and Chemical Engineers in foreign service with its affiliate in Venezuela, the Creole Petroleum Corporation. Details of these opportunities are posted on the bulletin board of the Placement Service.

Shell Oil Interviews Cancelled

The Placement Office has received word from the Shell Oil Company that they will be unable to come to our campus for interviews on the 13th and 14th of March as previously planned.

Summer Jobs for C.E.'s

Engineers from the State Department of Highways declared that they can probably employ all students who want positions over the summer. Interested individuals should see Prof. Wm. W. Michael for further information.

Sixteen Awarded ASCIT Honor Keys

**Two Freshmen Included;
Certificates to Be Given**

The Honor Point Committee has announced the awarding of sixteen Honor Keys to Techmen for participation in activities during the last two terms.

The present awards are notable in that two freshmen, Bob Crichton and Bruce Robinson, were recipients. Lewis Grimm received his award for the year of '42-'43. The remainder of the presentations were made to two sophomores, five juniors, and six seniors.

The Honor Key is the highest honor which can be bestowed for participation in Student Body activities. In order to be eligible for one, a man must earn in excess of 100 "points" from the Honor Point list in two successive terms, or three, if he is a senior.

An additional award will be made this term. Men who earned in excess of 50 points, but did not receive keys, will be given a special Activities Certificate.

Men receiving Honor Keys are the following: Dick Alexander, Dave Caldwell, Hugh Carter, Bob Crichton, Lewis Grimm, Lang Hedrick, Len Herzog, Bill Karzas, Norm Lee, George Lyon, Arnold Nevis, Bruce Robinson, Paul Saltman, Charles Shaw, Bill Smyth, Bruce Worcester.

400 Students in Ten Sections Start Park Campaign Tonight

**Assembly in Culbertson Hall at 5:45
Transporters to Have Cars at Hall**

Four hundred students will commence the campaign for Tournament Park tonight. The teams will assemble in Culbertson Hall at 5:45 sharp for last-minute instructions. Owners of the cars being used for transportation are asked to have them outside the hall ready to pick up the teams.

At the Briefing meeting on Wednesday, Mr. Henry Kearns, former U.S. Junior Chamber of Commerce president, stressed the importance of the personal contact the students will be making

with the voters tonight. "The outcome of the voting may depend largely on the impression you make with the residents of Pasadena," Mr. Kearns stated.

Carry Your Student Body Cards

During the question period following Mr. Kearns' address, it was suggested that all canvassers carry their student body cards for identification purposes.

The section leaders handling tonight's operations are: R. Kachadourian, W. Giacomazzi, R. Stokley, S. Burrows, D. Johnson, R. Dalton, R. Benton, T. Stix, T. Davis, and D. Caldwell.

The Tournament Park issue will be Number seven on the March 13 ballot, the other issues being of a less controversial nature.

Assembly Features "You and Industry"

The assembly next Friday at 11:00 in Culbertson Hall will feature Mr. Lounsbury Fish, speaking on "Your Future with Industry."

Mr. Fish is a very popular and interesting lecturer. His association with Standard Oil Company of California for twenty-five years has given him a knowledge of the oil business that can hardly be surpassed.

Organizational Problems

Mr. Fish's experience includes service during the war on the War Production Board, the Petroleum Administration, and as organization adviser to General Lucious Clay for the Allied Control authority in Germany.

Caltech Chapter Host to LA AIEE

On Tuesday evening, March 11, the Caltech AIEE student branch will be host to student AIEE members from USC and to members of the Los Angeles Section of the AIEE. All students of Caltech are invited.

J. H. Drake and A. T. Biehl, Caltech grad students, and F. Mezzetesta and G. M. Salamonzich from USC will present papers which will cover a variety of subjects, interesting both from a technical standpoint and for the ingenious methods of investigations.

Annual Affair

The presentation of papers will be followed by a demonstration lecture in the Hi-volts Lab. and by demonstrations in the power and electronics labs. This is the first opportunity since the war afforded the AIEE student branch to provide the program for the Los Angeles Section's monthly meeting, an annual affair which was a tradition before the war.

Students attending the program are urged to make the guests, who represent local engineering, feel comfortable and to assist them as much as possible.

The program will be preceded by dinner at the Athenaeum. Reservations for the dinner should be obtained through Bradley Cozzens, Secretary of the Los Angeles Section.

PLACEMENT CALENDAR

- PLACEMENT INTERVIEW SCHEDULE**
- March 10—Proctor and Gamble Company—Restricted.
 - April 7—Texas Company—Chemists, Mechanical and Chemical Engineers. Open.
 - April 14—Radio Corporation of America—Electrical Engineers. Open.
 - May 9—International Telephone and Telegraph Corporation—Electrical and Mechanical Engineers—Open.

APRIL

19

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**NOW IT
CAN BE
TOLD**

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**WATCH
FOR IT**

MONDAY

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Fleming Debaters Capture Trophy

A long standing precedent was violated last Tuesday evening as Fleming captured the Abe Lincoln debating trophy from Blacker. The statuette of the silver-tongued railsplitter had rested undisturbed on the Blacker mantel for the past sixteen years.

Held in the Blacker lounge, the debate hinged on the question, "Resolved: That Caltech Should Enlarge Its Undergraduate Student Body," with Fleming taking the negative and Blacker the affirmative. After prolonged consultation judges John Shutz, Boyd Marshall, and Carl Savitt returned the verdict in favor of the negative. Debaters for Fleming were George Bowen and William Woods while Blacker was represented by Larry Nobles and Mitch Cotton.

Forensics Becoming Popular

The debate marks an increasing interest in forensics on the campus and the future will probably see more competition for this trophy. Blacker, for one, has vowed that it will soon return to its proper resting place.

Ship Wreck Dance Tomorrow Night

Tomorrow night at the Royal Palms Hotel in Los Angeles promises to be a night of interesting sights in varying degrees of briefness. A committee consisting of Wes Hershey, Executive Secretary of the "Y"; Jim Wendel, math department; Carlos Navarro, artist extraneous; and Hugh Carter, Publicity Manager, will be on hand to award a handsome prize to the "best dressed" male and female. It promises to be an evening of much fun with a thousand and one laughs thrown in for good measure. Incidentally, the bar will be open for those who care for the nasty stuff.

Starts at 9 P.M.

Dancing will begin at 9 p.m., the prizes will be awarded at 11 p.m., and dancing will continue until midnight. The above map indicates the most direct route to the Royal Palms Hotel. The total distance is approximately 15 miles.

If you have not as yet got your bid for the dance, they can be bought at \$1.50 per couple from any of the ship-wrecked characters walking about the campus, or can be purchased at the door.

Conger Oratory Contest Opens

This year the annual Conger contest in oratory will be held at the regular assembly on May 2, to enable Caltech's enterprising orators to compete for the prizes of \$50 and \$25 offered for first and second places respectively.

Rev. Everett L. Conger established the endowment in 1912 to stimulate interest in universal peace and public speaking, and the opportunity has been offered yearly for students to compete for the prizes furnished by the interest on this fund.

Deadline, April 25

Any regular undergraduate student may enter the competition, but the orations must be in the hands of Dr. John A. Schutz before April 25. The manuscripts are not to exceed 1200 words, and the time of delivery is limited to 8 minutes. The subject may be either World Peace or Industrial Peace.

There will be no contest unless there are at least four students participating. Students interested should contact Dr. Schutz in lower Dabney.

Get Out the Vote

On March 13 the interested citizens of Pasadena will vote on the "abandonment" of Tournament Park.

It is vital to the future of the Institute that the issue be decided in favor of Caltech. We must grow or die; that is a fundamental law of institutions as well as of life. Caltech, benefiting society by engaging in important research and giving top-notch scientific training to its students, and benefiting Pasadena specifically by bringing prestige and money to the community, must not be allowed to decay.

Space is terribly inadequate for even present activities. There is an urgent need for a gymnasium, a swimming pool, additional parking space, a student union building, and similar facilities necessary to any university.

Opponents of the amendment declare that park lands should not be turned over to a private institution. Actually, the only thing private about Caltech is that public spirited citizens contribute funds to provide education to the students at less than cost and not at public expense. Also, opponents ignore the statement of city officials that the money realized from the sale would be used to provide parks in a more advantageous position.

At present, most of the citizens of Pasadena do not realize the true state of affairs, and therefore will either fail to vote, or vote adversely due to the unpropitious wording of the ballot. But all the opponents of the system will be SURE to vote. Therefore, to get the necessary two-thirds favorable vote we must acquaint the people of Pasadena with the facts, and the urgency of our need.

We have an opportunity to do this tonight and Monday night by means of a house-to-house canvass. So, in your own interests, and in the interests of the school and the community, get out the vote!

Boy, Your Blue Slip Is Showing

By John Mills

Author "The Engineer in Society"

Any suggestion for avoiding blue slips must promise to increase a student's efficiency, reducing his expenditure of time and effort. So start with

The Eight Hour Rule

Never let more than eight hours pass after an instructor has presented a blackboard development without spending ten minutes in its brief recapitulation. That will fasten it in the memory and save time in later study. Remember how one remembers a good story: he finds someone soon to tell it to and then it's in his repertory. The rule is particularly important for material presented in Friday classes.

This rule goes hand-in-hand with the maxim of pedagogy which says there is

No Impression Without Expression

When one is studying and thinks he understands the material, the test is to close the book and see if he can tell it. If he can't there has been little if any impression. In such expression, form the words with the lips and write the symbols and formulas. Frequent interruptions like this, to express what one has supposedly been learning, will usually result in a net saving of time. They will also warn when one is just plugging along with decreasing efficiency; and should stop, get a bite to eat and switch to some other subject.

Checking the clarity of one's impressions by expression is one way to

Sharpen Tools Before Work

When a batch of problems is to be solved one may start on them either without preparation, referring back to the text as occasion requires, or after making a brief resume of the defining equations and basic relationships. Doing the latter is like checking gas, oil and water before even a short trip.

These suggestions, so far, are the kind one can find in the literature of pedagogy. But now for one which is perhaps original. In a modified form it was once effective in helping a daughter of mine to pass a comprehensive final examination at the University of Chicago. Today it should assist those mature students whose education was interrupted. As is commonly agreed, they take their studies more seriously than undergraduates used to do on the average. They know that they have lost time. Also, many of them are dipping into savings; and some are living in part upon the earnings of wives, their hostages to fortune. They are under a strain; particularly in tests and examinations. During military service such men were efficient and usually almost fatalistic in the presence of danger; but today when they face examinations they are too likely to be panic-stricken, to rush ahead and make

(Continued on Page 4)

Campus Brewin's

Dabney's informal record dance last week looked like a fine cooperative affair. I walked into the lounge to see only a handful of couples dancing and wondered where the party was. Didn't wonder long as the couches in the dining room were stacked two deep with couples and lights were non-existent.

Paris in the Spring

Blacker revived an old tradition with its famous "Doc's Party", given by "Doc" Eagleson, longtime RA of that house. Parisian fashions were in evidence and entertainment included a fling at artistic endeavor and such youthful delights as "Musical Chairs" and "Riding the Metro". The evening closed with the Blackermen sprawled on the floor with their dates as "Doc" read horror stories.

It was getting so deep in Schutz's Sophomore history lecture that some of the boys decided to do something about it. Forrester, Petrulas, Kachadoorian, Muehlberger, Stiles, Kinkle, and Beardsley showed up one morning armed with good-sized shovels to clear the aisles.

Ollapodrida

Joe Rosener got a message from his girl at 3:15 the afternoon before the Ricketts Formal.—Prof. Bohnenblust has

Vet's Affairs

The promotion of Mr. Moroney, who has been replaced by Mr. G. T. Pringle, has caused a change in the hours that the Veterans' Advisor will be available for consultation. In the future, the office in 309 Dabney will be open Monday afternoons, Tuesday and Wednesday mornings, Thursday and Friday all day.

P.L. 16's Must Report

Effective immediately, all students attending the Institute under P.L. 16 must turn in tentative programs and report to Mr. Pringle at least once a month. Report as soon as possible between now and the 20th.

L.A. Office Most Efficient

Mr. Pringle disclosed that the Los Angeles area regional office has become the most efficient in the country, that claims are being handled promptly and that checks are being mailed out on schedule.

If any student disagrees with this statement he should take his gripe to Mr. Pringle. The Veterans' Advisor is here specifically for that purpose, but he cannot be of aid if he does not know which students are having difficulties.

been putting human interest into math lectures with his interesting 3-dimensional curves.—What is this about Shippee's car getting stalled at 3:00 a.m. in the morning?—Giacomazzi has been spending almost every evening out at Scripps lately.—Understand Lawrence Noon has been having woman trouble.—Doris showed up for dinner in Dabney without her usual sweater. Rex has also been bringing around a little southern belle from Wash., D.C.—Claiming a new record for a mass date are Tom Davis, Mitch Cotton, Ed Revay, Ralph Loveberg, Bud Mittenhal, and Chuz Howard who had 28 girls all to themselves last Saturday. It was a sorority tea and they were the only men present.

International Playboys

Dave Viglierchio and Bob Pilling with Nancy Phillips and her sister Corinne dropped over to Tijuana after the San Diego game and were there until 3 a.m. enjoying the night life.

Between Two Fires

Who is this Ricketts man who brought his girl home at 3:30 a.m. only to receive a big chewing out from her father, followed by apologies from her mother, followed by father chewing out mother, followed by mother chewing out father, followed by departure one hour later, thoroughly chewed out?

Neville Long seems to be rushing Mary Sherwin of Browning. First it was the Formal, track meet, frosh brawl and now it's the Beaux Arts Ball at Scripps.

The Front Burner

Tennessee Williams' "Stairs to the Roof," concludes its premiere run this Sunday evening. This is the story of the various thoughts and escapes of a young man anchored to dull routine in a shirt factory.

Jack Harris Stars

Jack Harris takes the part of Ben Murphy, Williams' young dreamer who wanders off to the roof to escape from the confines of a dreary life and returns in a dazed and oratorical condition. Harris does an exceptional job with a difficult characterization.

Toni Newman provides the love (?) interest, and she's definitely interesting. Our hero takes her on a surrealist Cook's tour of the city, including the zoo and a carnival, and she returns with a smile.

Out of This World

"Stairs to the roof is definitely different. It is Williams' attempt to do his bit for humanity by attempting to show them the futility of beating one's head against the wall. One soon gets used to the lack of props, but it takes a little more time to accustom oneself to faces popping up out of the hero's subconscious mind.

Williams presents the problem well, the rut that man can get into with everyday things—doing the same thing day after day and getting nowhere. Interest is even aroused as to what can be done to get out of the rut, and Williams' solution may come as a surprise to you.

Lewis L. Grimm.

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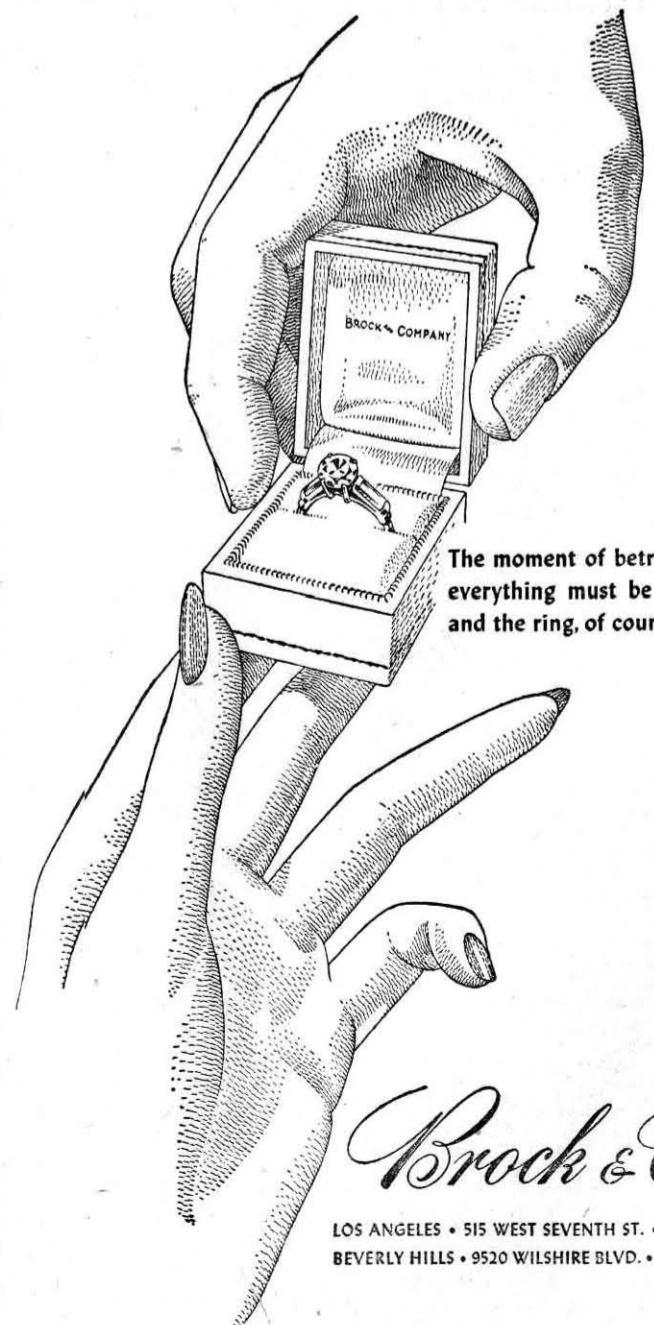
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BEAVER TENNIS MEN MEET BRUINS TOMORROW

Beaver Sports

TRACK MEET REDLANDS TOMORROW HERE

Sports Trophy For "Athlete of Year"

Students to Choose Winner Next Term

Hearken, all ye who are interested in Tech athletics, to this tale of glory. A new honor will be bequeathed soon to the one deemed Tech's "Athlete of the Year." For, through the courtesy of the Adams Hat Company, a trophy will be presented to the person chosen by the students as Tech's best athlete for 1946-47.

This grand trophy is on display in the athletic office, and will be given to the chosen honoree. It is not a perpetual trophy with just the name on it, but becomes the property of the winner. It is of large proportions, with a golden, wreathed, athlete surmounting the tall trophy. The winner can well feel proud to have this symbol of his prowess in the sports world.

All Round Athlete

The "Athlete" will be selected by the students, who will vote sometime during the third term. The winner should be chosen with the following virtues in view—enthusiasm for the game, sportsmanship in play, team spirit and cooperation, general ability, and, oh yes, accomplishments. The importance of all these points cannot be ignored, for it often is not the star who contributes the most to a winning team.

Classified Ads

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VISITING professor (USC) would consider exchange of large, well furnished house in Ann Arbor, Michigan, for furnished house or apartment in Los Angeles area, large enough for 3 or more people. About June 20 to August or later. Ann Arbor is site of University of Michigan; excellent library facilities; also drama, music, etc., during summer session; nearby lakes. Address R. L. Wilder, 1617 Cambridge Road, Ann Arbor, Mich.

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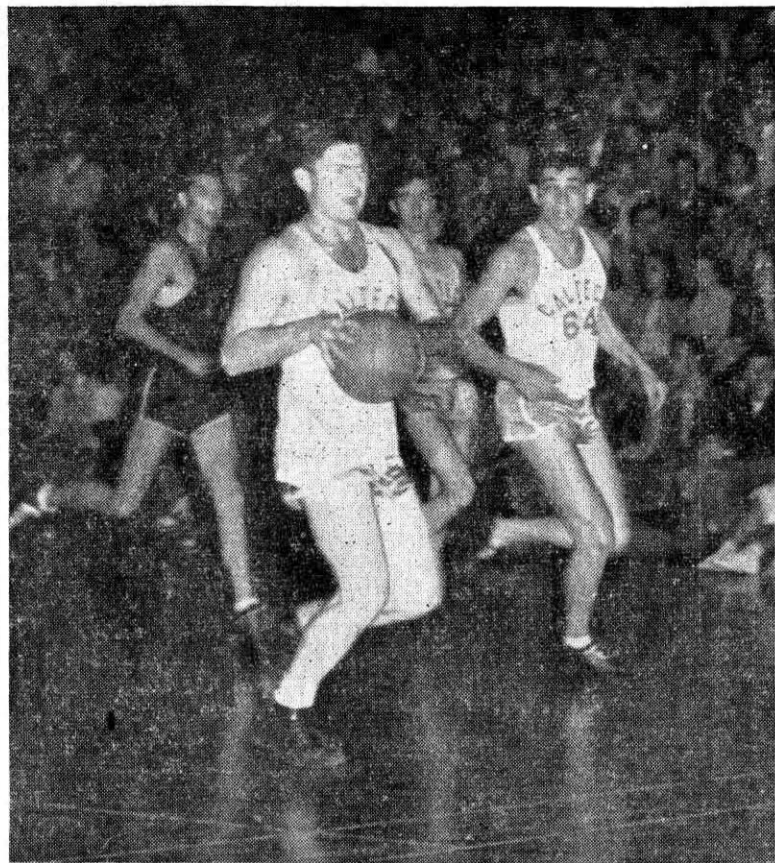
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Beavers And Bruins Clash In Tennis

Saturday Contest Opens Season

The tennis season officially opens Saturday afternoon when the Caltech court men travel to Westwood where they'll face the U.C.L.A. Varsity tennis team. This "match" though actually opening our season will really serve as a preliminary to the first league match coming late in March with Redlands.

Starting Team

In the singles events of this match, Coach Johnny Lamb has seeded John Holmgren first followed by Charlie Vadhanapanich, Ed Alexander, Larry Nobles, Jim Suherer and Phil Lamson respectively. Competition for starting slots on this team has been very sharp.

Besides the six singles events there will be doubles matches. Holmgren teams with Nobles for the No. 1 position, while Charlie and Suherer will play No. 2. The third team has not been decided.

The Varsity Baseballmen Working Hard at Practice

The baseball season will be officially started today as the Beavers play their first game with PJC this afternoon. The game will start at about 2:00-2:30 at Tournament Park so as to finish in time for early dinner.

The Batters

These past two weeks the team has been getting in some much needed batting practice. There were a couple of inter-squad games this week with a lot of loose play on both sides. The pitchers weren't bearing down, but even so Lang Hedrick and McGinnity looked good. If Spaulding's arm is better this year, and McGinnity can learn control with men on bases they will see a lot of use this season.

The Infield

The infield is pretty sloppy as yet, but it's still early in the year. It looks like Mason on first, Butler at second, Morrison at third, and Norman covering short.

The Outfield

There are no really outstanding candidates for the outfield, but sticking our neck out, we take Viewig in left, Paterson or Petrulas in center, and Lyons in right for today's game.

P.S. We could use a crystal ball for this column.

Beaver Casaba Men Defeat S.D. Navy; Lose to Whittier

Coach Shy's Team Ends Conference Season in Third Place Tie

Whittier's dynamic Poets again showed their superiority last Friday by stopping the Varsity basketballers 63-34 on the winner's floor. The league-leading Poets seemed to have the game under control from start to finish but the fighting Beaver quintet nevertheless played one of their best games of the season. Fighting all the way, the Techmen crowded the Poets all of the first stanza.

Oxy Nabs Opening Dual Track Meet

Powerful Organization Trounces Tech Soundly

Sweeping the high hurdles, high jump, and 2-mile, the Tiger showed himself to be the team to beat in dual meet competition this season as he downed the Beaver 86-45 on Paddock Field last Saturday.

Doug Brown Wins Mile

However, the meet was not without its thrills as in the first track event of the day Tech's Doug Brown went all out to win the mile by half an inch (at least). A few minutes later, Ken Shauer, running on a bad leg which kept him out of later events, ran Parker of Oxy into the ground in a very satisfying 440.

Tillman High Scorer

Always good for points and lots of them, Big Don Tillman won the discus and was beaten in the shot only by a last and mighty effort by "The Snap" Levin of Oxy. Bullet Bob Funk impressed the Tech supporters as he put his head down and ran a fine 22.6 in the furlong.

The 880 found Stan Barnes beraiking the tape for Tech with Herbie Simons also sneaking in ahead of that yellow shirt to nab a close for second. Both boys looked good.

Mile Relay Walkaway

Showing truly great improvement over last week's near miss in the Conference Relays, the local mile relay boys had it all their own way as each man added literally dozens of yards to the gap between the teams.

MEET RESULTS

100: Jesson (T), Funk (T), Root (T), 10.1.
220: Jesson (O), Funk (T), Smith (O), 22.4.
440: Shauer (T), Parker (O), E. Brown (T), 50.3.
880: Barnes (T), Simons (T), Elias (O), 2:01.6.
1 Mile: D. Brown (T), Bradford (O), Crain (O), 4:49.2.
2 Mile: Turney and Miller (O) tie, Verdianian (O), 11:06.0.
High Hurdles: Price (O), Briggs (O), Lawrence (O), 15.9.
Low Hurdles: Price (O), Schroeder (T), Parker (O), 24.4.
High Jump: McLean and Doty (O) tie, Honiker and Smith (O), tie, 5'10".
Broad Jump: Evans and Adams (O) tie, Chinn (T), 21'6".
Pole Vault: Demario (O), Trefry (O), Walt (T), 12'1".
Shot Put: Levin (O), Tillman (T), Fain (O), 46'1".
Discus: Tillman (T), Baker (O), Pearson (O), 133'10".
Javelin: Coster (O), Nippeil (O), McLean (T), 178'11".
1 Mile Relay: Tech (McLean, Simons, Barnes, Shauer.)

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League Finale

The Whittier game marked the close of league play for the 1947 season. Having 3 wins and 5 losses in the register, Caltech wound up in a tie for third spot with Redlands, behind Whittier and Occidental.

Win From Navy

In a post-season game, the Beavers stopped the San Diego Naval Training Station 49-46 last Saturday at San Diego. Tech squeezed out the victory in a tense session before a crowd of madly-screaming, frenzied trainees.

Jayvees Lose

The Junior Varsity dropped both games of the weekend, 59-34 to Whittier and 54-39 to San Diego.

Caltech 34
Bass 9
Furth 6
Saltman 2
Cox 4
Moore 2

Whittier 63

Barton 3
Waer 6
Wardman 6
Turley 2
Erbe 2

Scoring subs: Caltech—Bowen 4, Montgomery 1, Ottestad 2, Stokely 3, Whittier—Martin 2, Hooper 9, Tuttle 15, Moore 6, Pederson 2, Sherwood 10.
Halftime score: Caltech, 16; Whittier, 27.

FACTS, FIGURES ON 1947 SEASON

Caltech—League games

33	Pomona	47
39	Occidental	33
42	Redlands	46
40	Pomona	38
36	Whittier	69
23	Occidental	51
46	Redlands	42
34	Whittier	63

293 Caltech—Non-league games

32	La Verne	27
43	Chapman	35
39	Loyola	40
42	Chapman	46
45	La Verne	46
49	S.D. Navy	30

250 FINAL STANDINGS

Whittier	8	0	1.000
Occidental	5	3	.625
Caltech	3	5	.375
Redlands	3	5	.375
Pomona	1	7	.125

Individual Scoring—League

Saltman	73
Bowen	53
Furth	32
Moore	28
Montgomery	26
Cox	23
Bass	22
Stokely	19
Ottestad	2
Rumer	1

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Blacker Mermen Win Discobolus

Experienced Team Defeats Dabney

Blacker's hardy mermen submerged the Dabney splashers by a score of 4-2 in the recent Discobolus water-polo contest.

Although Dabney lacked experienced men and was forced to play a defensive game, they managed to momentarily shatter Blacker's overconfidence as Jim Blum scored in the opening minutes of play. However, the Blacker squad, which included lettermen Ed Reineke, Bill Palmer, George Wilson, and Mike Hall, soon rallied its offensive and was keeping Dabney's veteran goalie Fred Eimer thoroughly busy. Best play of the game was a perfectly set up tip shot from Wilson to Hall. Three of Blacker's goals were scored by Hall and the remaining one by Reineke. Dabney's other goal was made by Ed Mitchell.

Squaking Effective

A spark of excitement was lent to the game by Referee Schneider's inclination to favor whichever team squawked the loudest.

With the discus-thrower again on the Blacker mantel the boys over there are eager to try once again to set a record for possession of the trophy. No less eager are the Fleming athletes whose challenge to Blacker in volleyball promises one of the best contests yet.

"Supersonic Flow" Topic Of Liepmann Tonight

Dr. H. W. Liepmann, Associate Professor of Aeronautics, will speak on "Supersonic Flow" at the Friday Evening Demonstration Lecture series tonight, at 7:30 p.m. in 201 Bridge.

(Continued from Page 2)

absurd or careless mistakes which result, of course, in low grades. For such men there are suggested

Practice Starts and Sprints

Use the problems assigned for home work; and on them, like a member of a track squad, practice starts and sprints. From an assignment pick at random four problems—or whatever is about the usual number, in a test. **Treat them as a test.** Work on them for fifty minutes as if the grade would count. When time is up relax to the usual pace; complete or correct the solutions; and record an estimated grade. This procedure which requires no extra time is recommended for five nights a week, but for only one test each night. It trains one to deliver his best in fifty-minute spurts.

Dr. Lee A. DuBridge will speak on "Caltech" before the Alumni Chapter in San Francisco Friday, March 7.

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Musical Baedeker

Conditions in the music biz are getting rougher all the time. Take the case of Louis Jordan, for instance. After a hard night's work at Billy Berg's recently, he came home to Pasadena to hear his usual share of lip from his better half, Fleecie.

Stabbed in Bed

It seems that Fleecie was in a particularly juiced up mood that night, so when Louis crawled in to the sack, the first thing he felt was about five inches of steel in his ribs. Result—several cuts on his hands and face; one gash about an inch above his heart; possible loss of use of fingers on left hand; a three-inch cut starting at the corner of his mouth and running diagonally downward.

Timmie Takes Over

Obviously discouraged from further appearances at Berg's Ulcer Alley club, Jordan put his band into the hands of Timmie Rogers, comedian and vocalist, who heads the current crew of entertainers at Billy Berg's musical circus. Also featured is the trio of Tiny Brown, ex-Slim Gaillard partner and skat vocalist.

"Sumpin's Jumpin'"

Latest attempt to popularize jazz is the all-star colored revue presented at the El Patio Theatre; the rather impulsive title is "Sumpin's Jumpin'". The featured attraction is the fine new band of Benny Carter in addition to the "magenta mood" vocalizing of Herb Jeffries, famous for his "Flamingo" made with Duke Ellington. Many other film and music stars appear nightly at 8:30 in the small theatre, located on Hollywood Boulevard at La Brea. Jazz enthusiasts should not miss this fine entertainment.

Campus Gleanings ... Near and Far

Campus Smoking?

An old tradition prohibiting smoking on campus will be voted on by students at Oregon State College. Alumni are of the opinion that the students should observe it.

Slide Rule Course

The Tau Beta Pi chapter at the University of Texas is having a series of evening classes in the manipulation of slide rules. The first meeting called for all the engineers' ingenuity as they were beset with numerous problems, to wit, (1) the room was locked, (2) the room was too small, (3) the lights couldn't be turned on, and (4) the instructor brought the wrong training film.

New Advertising Policy

The student newspaper of UCLA, following a ruling of the Regents of the University, has inaugurated a policy of not printing any political or religious advertising.

Sock Hop

A dance with an admission price of five cents per shoe will be held at Los Angeles City College. Shoes are to be checked at the door; prizes will be given to the couple wearing the loudest socks—in color, that is.

\$6,000 Bookstore Profit Transferred To Scholarship Fund

Following a policy established when the new campus bookstore went into operation July 1, 1945, the Board of Trustees has transferred \$6,000, representing excess income from sale of books and supplies, to the student scholarship fund.

Due to restrictions placed upon the Institute bookstore by publishers which prohibits the sale of books to students at a discount, the board chose this method of making all excess income from the bookstore available for student scholarships. Such money, when available, may also be allowed for other student activities where needed.

TRACK CAFE

Full Course Dinner \$1.25

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The California Tech

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He gave the world a new voice

Alexander Graham Bell was a teacher of the deaf. He was also a trained scientist who made it possible for millions upon millions of people to hear each other by telephone.

The telephone brought something into the world that had not been there before.

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try was born, destined to employ hundreds of thousands of men and women and be of service to everyone in the land.

Alexander Graham Bell was a great humanitarian, not only as a teacher of the deaf, but in his vision of the benefits the telephone could bring to mankind.

Bell's vision has come true. It keeps on being an essential part of this nation-wide public service.

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