

## "Athlete Of The Year" To Be Chosen at Assembly June 6

201 Bridge To Be Scene of Athletic Letter, Trophy Awards For Year

A week from tomorrow, Friday, June 6, will see the culmination of the athletic efforts of Techmen in a gala assembly, featuring the presentation of the Adam Hat Trophy to the person selected "Athlete of the Year." Also those earning letters will be presented with them, and all the other annual trophies will be awarded at this, the "Awards Assembly," which will be held in 201 Bridge instead of Culbertson.

### Adam Hat Trophy

The Adam Hat Trophy will be awarded on the following basis: enthusiasm, sportsmanship, team spirit and co-operation, ability, and contribution to athletics as a whole. All men who have participated in intercollegiate sports are eligible, and the winner will be chosen by a special committee, composed of the three coaches, the old and new athletic managers, four members of the varsity club, and the athletic managers of the 4 houses and Throop Club.

### Other Trophies

Also, the other annual trophies will be awarded. The Hanes Cup will go to the winner of the decathlon. The Wheaton Trophy will be presented to that footballer who showed the best sportsmanship and ability. The Alumni Baseball Trophy will be awarded to the best horseholder in the field of sportsmanship and ability. The Scott Tennis Trophy will be presented the winner of the Scott tournament, and the Interhouse trophies will also be awarded the winning houses.

## Chest X-ray Unit To Visit Tech

Opportunity to Insure Against Tuberculosis

Next week Caltech employees, faculty members, students and their families and friends will have an opportunity to insure themselves against tuberculosis.

### Mobile Unit on Campus

A mobile chest X-ray unit, sponsored by the Pasadena Tuberculosis Association, will be on campus Tuesday, June 3, from 8 to 11 a.m. and noon to 5 p.m., and Wednesday from 8 to 1. It will be parked in front of Crellin. Wednesday afternoon, between 2 and 4, the unit will be stationed at the Raymond Ave. Wind Tunnel, and Thursday, from 1 to 5, it will be located at the Arroyo Rocket Project.

### Disrobing Not Necessary

The nominal fee of \$1.00 will be charged for the service, and persons being X-rayed will not be required to disrobe. Reports are confidential.

While the present campaign is not aimed primarily at students, since Frosh and Grad students were tested as a part of their recent physical examinations, members of the other classes are encouraged to be X-rayed.

### Should Be X-Rayed Yearly

Best medical authority is of the opinion that X-rays should be taken yearly, since infection may appear any time. The Pasadena Association, which is supported by Christmas Seal funds, at present is launching a campaign to X-ray everyone in Pasadena.

(Continued on Page 4)

## Grads Tour Colo. River

Twelve civilian graduate students of civil engineering, accompanied by Professor A. P. Banta made a triangular tour of Colorado River developments last Wednesday to Sunday. Points of interest visited included the Imperial Valley, the All-American Canal, Parker Dam, Hoover Dam and Davis Dam, which is under construction.

## Campus Calendar

**Thursday, May 29—**  
Upper Class Luncheon at the Training Table, 12:00.  
Throop Club Meeting, 12:00 p.m.  
Dancing Class in Culbertson Hall, 7:30 p.m.

**Friday, May 30—**  
Memorial Day.  
Remember the Honor System!

**Saturday, May 31—**  
ASCIT Formal Dance at the Altadena Country Club.

**Monday, June 2—**  
Senior Finals Begin.  
Band Rehearsal in Culbertson Hall, 7:30 p.m.  
Glee Club Practice in Dabney Hall, 8:30 p.m.

**Wednesday, June 4—**  
Orchestra Rehearsal in Culbertson Hall, 7:30 p.m.

**Thursday, June 5—**  
Throop Club Meeting, 12:00.  
Dancing Class in Culbertson Hall, 7:30 p.m.  
Dabney Farewell Stag, 9:00 p.m.

**Monday, June 9—**  
Finals! Finals! Finals!

**Friday, June 13—**  
Junior-Senior Prom at Altadena Country Club.

**Sunday, June 15—**  
No more pencils!

## Patience, Patience

A word of explanation is necessary concerning the status of the Big T.

At the present time the date of publication is set at approximately July 15, 1947. The delay is due to two factors; one, shortage of printing materials and, two, lack of harmony between the editor, engraver and printer.

The Big T will be mailed to the graduating Seniors as soon as it is published. All other undergraduates will receive their copy when they return to school for the fall term. Any undergraduate not returning to school at that time may have his copy mailed to him if he will leave his name and address with Charles Shaw, Dabney House.

## DuBridge And Millikan Speak At Inauguration

Dr. Lee A. DuBridge and Dr. Robert A. Millikan participated in the inauguration program for Dr. Raymond B. Allen as president of the University of Washington on May 22.

Dr. DuBridge addressed the general science assembly on "Science and National Affairs." Dr. Millikan was the principal speaker at the general science luncheon, treating the subject, "The Most Vital Problem in American Education Today." Later, at an atomic energy symposium, he spoke on the subject, "The Contribution of the Cosmic Rays in the Field of Atomic Energy."

### DuBridge to Washington

On May 27 Dr. DuBridge left for Washington, D.C., where he will attend meetings of the Naval Research Advisory Committee and the General Advisory Committee on Atomic Energy, of both of which he is a member.

## Beaver Orators Bring Home New Victory For Tech

Before an audience of the John Muir J.C. speech classes, five members of the Caltech Debating Team won a complete victory on Tuesday, May 20.

John Heath, Irving Sulmeyer, John Holmgren, Darwin Freebairn and Irving Krumholz competed in a ten-minute invitational oratory contest against the J.C. speakers with such a degree of skill that the Tech team was awarded every place.

### Heath—Song of the South

John Heath, who has been studying speech since only September, took first place with his already recognized "Song of the South." Using many word-pictures and specific examples to illustrate his point, Heath delivered his oration in a clear, resounding voice.

### Sulmeyer—The Silken Thread

Irving Sulmeyer was awarded second place for his oration, "The Silken Thread." His delivery was marked by an analytical approach to the whole problem and a simile in the form of a Chinese proverb.

### Holmgren—Bush League?

John Holmgren's timely oration, "Is College a Bush League?"

(Continued on Page 4)

## Louis J. Alber To Address Y

The Caltech "Y" is proud to present as its final speaker for the school year, Mr. Louis J. Alber, outstanding author, foreign correspondent and lecturer. His topic will be "Behind the Soviet Iron-Curtain."

Mr. Alber was the director of the renowned Chautauqua Lecture Bureau. He has managed the American lecture tours of such celebrities as Presidents Taft and Wilson, Prince William of Sweden, and Winston Churchill. During World War II his duties as foreign correspondent brought him into close contact with many world leaders, including Churchill, President Roosevelt, Hitler and Mussolini. He has just returned from Russia, where he spent an intensive six months of study, to lecture throughout the United States.

### Many Clubs Included

Mr. Alber plans to spend three weeks of his lecture tour in Southern California. His engagements here will include the Los Angeles Breakfast Club, the San Diego Lions Club, the Long Beach Pacific Coast Club and the Friday Morning Women's Club of Los Angeles, as well as Caltech.

Mr. Alber's address, "Behind the Soviet Iron-Curtain," will be given at 7:30 p.m. Tuesday, June 5, in 201 Bridge. A large attendance is expected, so come early to be sure of getting a seat.

## Attention PL 16's

All P.L. 16's must contact Mr. Pringle, vets' advisor, in 309 Dabney, in the first part of next week. At this time they must either request or refuse accrued annual leave.

## Coronation Ends ASCIT Season

## King, Queen to be Crowned at Spring Semi-Formal Saturday

Country Club Mellow With Stewer's Music; Admission By Student Body Card

"An almost full moon" will be on the menu when Techmen frolic at their annual ASCIT Spring Dance Saturday night, May 31, according to Social Chairman Bill Shippee.

Highlighting the evening will be the coronation of Miss Loessa Reeves, recently chosen "Miss Spring Fever" by a faculty judging committee. Accompanying her will be Tech's hero, Bill Woodson, who was chosen from the eligible males by the bevy of beautiful contestants. To add a royal touch, the runners-up will form a royal party to escort the Queen in royal fashion.

### Vocalist, Too

The last chance before summer to wear semi-formal glad rags will let you dance to the music of inimitable Dan Stewer's Band, which includes ten instrumentalists and a vocalist. Music starts at 9:00 p.m., and winds up at 12:00 o'clock.

The dance will be held at the one and only Altadena Country Club, the scene of many previous fashionable Tech affairs, and recently remodeled to give an even more glamorous atmosphere.

### North on Hill

It is not easy to get lost trying to get to the dance. Just go north on Hill avenue until the road ends, and behold, the country club will appear.

Despite the swankiness of the dance, admission will be merely by flashing the student body card to the man at the door.

With the Queen and court in attendance, and good music on tap, the final touch to the ASCIT social season promises to be a very popular event.

## SENIORS!

You may pick up your caps and gowns for graduation in the Board of Directors Room in lower Fleming on the morning of Commencement Day, Friday, June 13th, between 0800-1000. The gowns must be returned the same day immediately after graduation to the same room.

Pick up your invitations and announcements in room 15 Dabney, today or tomorrow. You may purchase additional, cheaper grade announcements at the book store for 5 cents apiece.

## Tours, Reception Will Feature Senior Class Day

The program for Senior Class Day, Thursday, June 12, has been announced by Dave Caldwell, Class Day Committee Chairman.

Starting at two p.m. the guide service will conduct tours of the campus. Plans have been made for sparks to fly at Hi-Volts along with other demonstrations during the tour. The 250 students and guests expected will be the largest group to tour the campus since the last Exhibit Day in 1941.

### Class Gift to Be Presented

At three o'clock a short program will be presented in the Dabney Hall of the Humanities. The class gift will be presented to the Institute, and a prominent member of the faculty will speak.

Highlight of the day will be a reception at the Athenaeum at four o'clock. Members of the graduating class, their families and friends have been invited.

## Dr. Glenn Millikan Meets Accidental Death In Mts.

The Institute joins Dr. R. A. Millikan in mourning the passing of his son, Dr. Glenn Millikan, who was fatally injured by a falling rock while mountain climbing in Tennessee.

The young Dr. Millikan had already achieved a measure of success in his brilliantly promising career as head of the Physiology Department of Vanderbilt University in Nashville, Tennessee.

## Caltech Associates To Hear Tolman, Kramers

California Institute of Technology Associates will hear Dr. R. C. Tolman and Dr. H. S. Kramers speaking on problems of atomic energy control from an international standpoint at a dinner-meeting at the Athenaeum tonight.

Dr. Tolman, Caltech professor of physical chemistry and mathematical physics, was scientific adviser to Bernard M. Baruch, U.S. Representative on the United Nations Atomic Energy Commission, and Dr. Kramers was the Dutch Representative on the Commission and its first chairman.

At the meeting last Thursday Dr. Lee A. DuBridge and Dr. J. Robert Oppenheimer addressed the Associates on the subject, "The Control of Atomic Energy: United States Problem."

## Why Be X-Rayed?

The presence of a mobile X-ray unit on the Caltech campus next week affords Tech students, faculty, and employees an opportunity to insure themselves and their loved ones against this deadly disease.

The chest X-ray at present provides the only effective means of catching TB cases in a sufficiently immature state to check and cure the disease comparatively easily. Usually, when symptoms such as coughing appear, the case is already in an advanced stage and requires extensive, costly treatment.

Such an X-ray should be taken each year, in order to insure continued freedom from the disease. Doctors are confident that if everyone participated in such a program, the disease could shortly be wiped out.

The present drive, sponsored on this campus by Dr. Du Bridge and Dr. E. D. Kremers, Institute Physician, opens a community program in Pasadena aimed at X-raying everyone in the city. Elementary school children will be tested when they return to school next fall; places of business will be visited, and the press, business, industry, and the medical profession are cooperating in the program.

No one has anything to lose by being tested. If the X-ray reveals a healthy chest, or one which has, of itself, fought and destroyed tuberculosis germs, that is good news. If it shows early, symptomless TB, that is good news, too, because chances in such early stages are excellent for complete recovery provided treatment is started at once.

## Your Campus

—by John Whittlesey

Five rooms on the first floor of Chem, plus three large labs in the Crellin wing basement comprise the immunology project.

Originally begun by Dr. Pauling, it is now largely in the hands of Dr. Dan H. Campbell. The work is in two parts. One, financed wholly by yearly grants from the Rockefeller Foundation, has been in progress since 1940. It consists in the study of the reaction of antibodies with antigens. The second is an outgrowth of the work completed during the war in finding an artificial substitute for blood plasma. Financed by a \$30,000 appropriation from the U.S. Public Health Service, its scope probes the basic nature of blood. Special problems which it has underway before it are: To find the effects of various substances on blood; to isolate and find the characteristics of the chemical constituents of red blood cells, which are responsible for the different blood types. Already it has been found that these constituents must lie in or on the membrane walls of the cells.

### Molecule Framework

The work at Tech includes study of reaction rates, of the framework of antibody and antigen molecules involved in forming precipitates, and of valence (differing from chemical valence in that the complexness of the protein surface structure allows a sort of lock-and-key linking to take place). An important phase of the program, now being resumed, is the artificial formation of antibodies.

### Short Tour

A view into the Labs of Im-

munochemistry reveals, in part: In Room 120, a Beckman Spectrophotometer; in 122, an Autoclave for sterilizing at 120 deg. F., an incubator and a Lyophil apparatus which evaporates from a frozen state solutions which would spoil or decompose under ordinary drying. On a shelf stand a row of test-tubes containing pneumococcus. Rooms 128 to 131 include Dr. Campbell's personal lab, office and the biochemistry library. In the Crellin basement: No. 51, the immunology grad lab, contains apparatus for determining molecular weights by osmotic pressure, a pH meter, and a glass blowing bench. Next door are two technicians regularly employed by the project to carry out routine analysis, while in Room 67, the migration of large ionized molecules, and other physical effects are measured. It is here, incidentally, that the plans for the new Ultra (analytical) Centrifuge are being drawn by Dr. Swingle. This instrument, to be capable of 200,000 G, will be constructed in the Chem shops.

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# Musical Baedeker

## Musical News

Music lovers on campus will be overjoyed to learn that the Caltech Musicales is 'way up in the chips. Anyway, there is enough money to purchase a fine stack of new records to expand and bring up-to-date the excellent collection of recorded music. Dean Thomas put his OK on a requisition which should precipitate somewhat of a buying spree.

## Members Choose Records

Today and tomorrow are the last two days for Musicales members to check records they wish to be purchased. A list is posted on the western wall of the Musicales Room in Dabney Hall. Selections posted include predominantly modern works, for the collection lacks many more recent contributions to modern music. Almost certain to be bought is Prokofieff's new "5th Symphony," while recordings such as Prokofieff's "Age of Steel," Holst's "The Planets," and other works by Ravel, Bartok, Hindemith, Debussy, Kodaly, Gilbert and Sullivan, and others seem to predominate as favorites.

## Plans for Fall

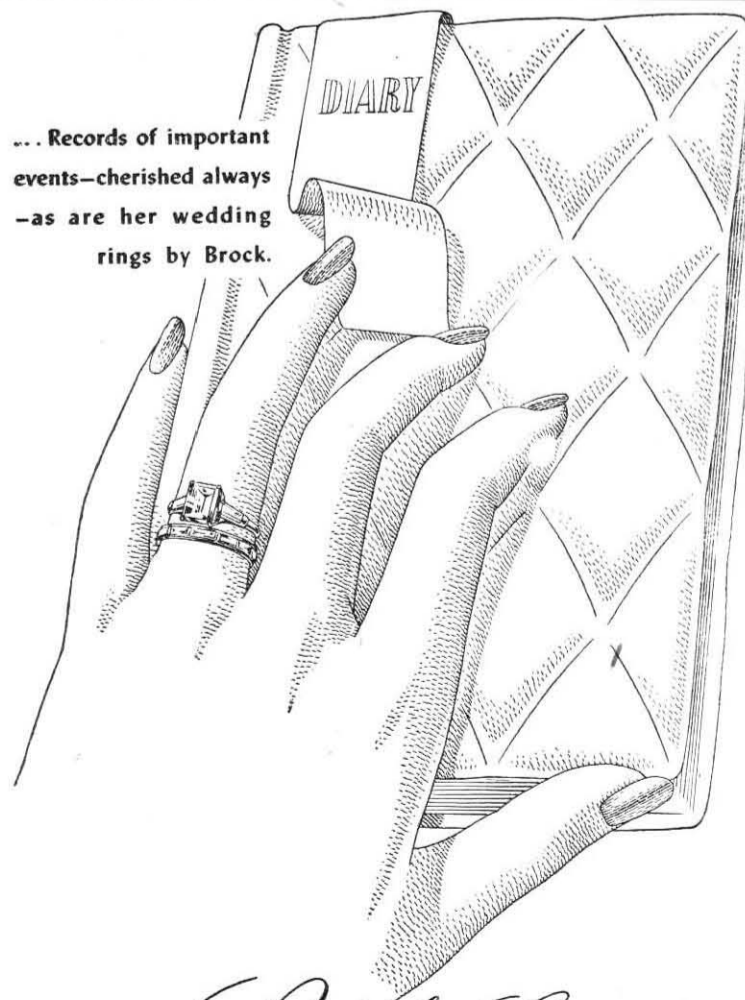
In order to prevent sundry characters from harming the valuable record collection, special Musicales membership cards will be distributed next fall. Keys to the Musicales Rooms will be issued only upon presentation of the cards. Plans are also afoot to have keys available in the student houses. Noon and Sunday evening concerts, of course, will be resumed. Students are reminded that the concert next Sunday will be the last of the current season.

## Jazz Concert in June

The date for the next "Just Jazz" concert has been definite—  
(Continued on Page 4)

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## THE SQUARES' CIRCLE

### ALUMNI THANK STUDENTS

Mr. Leonard Herzog  
Editor, California Tech

The Board of Directors of the Alumni Association, California Institute of Technology, has asked me to convey through you to the students of the California Institute of Technology their sincere appreciation for their efforts in behalf of the Alumni at the recent Alumni Seminar. The spirit of cooperation was outstanding.

The students and the Alumni have much in common at the Institute and should cooperate in every possible way. It is the hope of the Association that they can be of assistance to the students, and you may assure the students that the Alumni will do everything in their power to be of assistance not only to the Institute itself, but to the students.

The Alumni Association was also particularly pleased with the Alumni edition of the California Tech which appeared at the recent Alumni Seminar. For that the Board has asked me to convey to you its appreciation. The Board recognized that the publication of this special edition involved additional cost, and therefore to assist in defraying expenses of the California Tech the Board has voted to appropriate \$50 to pay to the California Tech.

I ask, in behalf of the Board that you express publicly through the California Tech the appreciation of the Association for the interest and assistance of the students of the Institute.

Very sincerely yours,

DONALD S. CLARK, Secretary.

## The Front Burner

—Lewis L. Grimm

### Suzy Successful

Playing to packed houses every night has caused "Oh! Susanna," Florence Ryerson's and Colin Clements' musical success to be held over for a three-week run at the Pasadena Playhouse. This will enable you industrious students to relax during exams by spending an evening listening to stimulating music, vivacious dialogue and expressive songs.

### Foster Flirts

Michael Grayson plays the leading role of Stephen Foster who likes to make up music about and passes at all the local women, irrespective of social register if they have good looks and an appropriate figure. Julie Bayer as "Jeanie" intercepts one of these passes and carries it for a touchdown in a gay musical manner.

## The California Tech

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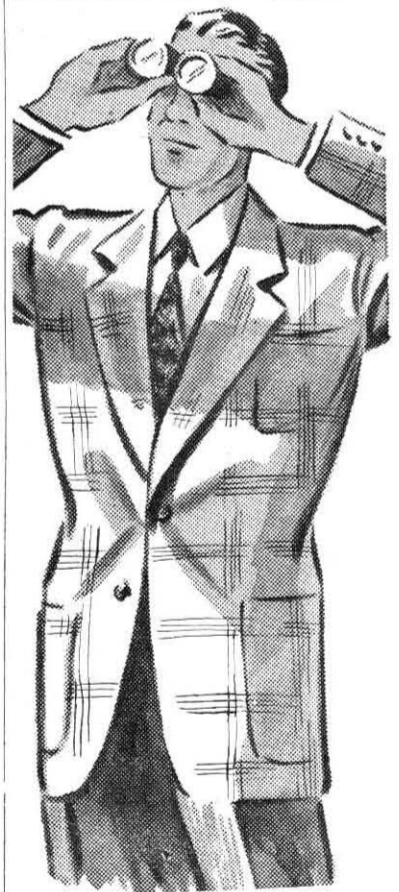
### Leta Leaps

Leta Gold, as the spinster, Augusta Foster, manages to give Oliver Prickett as Edwin P. Christy, a rough time of it and brings down the house with her version of "I Want to Get Married."

### Steve's Serenades

The authors have managed to cram the story with Foster's songs, rearranging here and there to better fit the story, but they have done an excellent job and the result is a good evening's entertainment. —Lew.

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# TODD'S

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# Golfers Place In Tourney; Fall Football Prospects Bright

## Ball Team Bows To Oxy; Winds Up In Fourth

**Team Votes For Alumni Award to Be Presented In Assembly Friday**

The curtain came down with a dull thud on the 1947 baseball scene last Saturday when the local stickmen dropped a 7-3 decision to the Oxy Tigers. The game was played on the Tiger diamond, and was the team's last official outing of the year. Loss of the contest anchored the Beavers firmly in fourth spot, one jump ahead of Pomona's Sagehens.

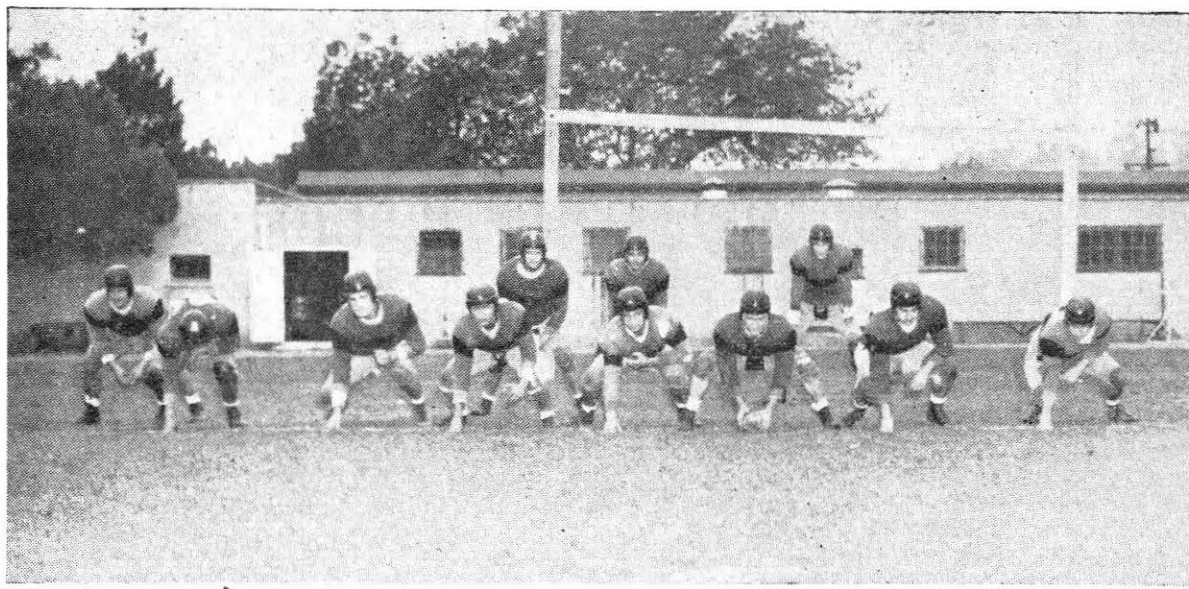
### Again—No Punch

Lack of hitting power, combined with six errors in the field blew the game for the locals. Lang Hedrick, who went the route, was touched for eight hits, while the Beavers could collect only seven. Tech led only briefly during the third inning, mostly due to Johnny Mason, who insists on "hitting them where they ain't."

The Beavers, however, scored three earned runs, while only one Oxy tally was of this class.

### Team Votes on Trophy

In a brief meeting Monday afternoon, the squad voted on the player to receive the Alumni Award this year. The trophy, which is awarded each year on the basis of sportsmanship, improvement, and value to the team, will be presented to the winner in the Awards Assembly next Friday. His identity will be unknown to the squad until that time, as the balloting was secret.



The Gold Team: RE, Edwards; RT, Walquist; RG, Dahm; C, McKenna, LG, Viglierchio; LT, Roy Muelberger; LE, Carson; WB, Bill Muelberger; QB, Hook; FB, Baker; TB, Chaffee.

## Final Scrimmage Held Golds Beat Whites, 7-6

Last Thursday the final practice of the spring session left many of aspirants for Coach Anderson's football team maimed and bruised, but still talking a good game.

Picking two teams at random, Andy tossed a coin for the kickoff and told them to hit 'em hard, and to keep charging.

After looking at the score, 7-6 in favor of the Golds, Andy indicated that there are still wide-open spots on the first team. Seeing some of the boys fumbling and falling, he hopes, will inspire some of the shy boys to come out next fall and show them up.

The Whites, shaded only by a conversion, included: Hibbard, Marshall, Bowen, D. Long, Marks, Oakley, Strauss, Tarbell, Cook and Funk.

### OFFICIAL SCORE

CALTECH	
Player	AB R H O A E
Patterson, lf	4 0 1 1 0 0
Butler, 2b	4 1 2 1 0 0
Petrulas, c	4 0 0 2 0 0
L. Hedrick, p	4 0 1 0 0 1
Norman, ss	3 1 0 4 4 3
Morrison, 3b	3 1 1 0 3 1
Mason, 1b	4 0 1 11 0 1
MacGinitie, rf	4 0 1 0 0 0
B. Hedrick, cf	3 0 0 5 0 0
<b>Totals</b>	<b>3 3 7 24 13 6</b>

### OCCIDENTAL

Player	AB R H O A E
Galassi, 1b	4 1 1 14 0 0
Trump, 2b	5 3 1 0 3 0
McLean, ss	5 0 2 0 4 0
Osterman, rf	4 1 1 0 0 0
Fleishman, c	3 0 1 9 0 0
Rinehart, lf	4 0 0 2 0 0
Fairbanks, 3b	3 2 1 0 0 0
Perez, p	4 0 0 1 4 0
<b>Totals</b>	<b>36 7 8 27 11 0</b>

## PASADENA BOWLING COURTS

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## Pomona, Redlands Split Conference Tennis Tourney

### Two Techsters Share Spotlight By Burt Housman

The seeding list toppled last Friday and Saturday in the play-offs of the All-Conference Tennis Tournament.

### Upsets Galore

Wise, wiry Art Graybill (R) successfully beat the co-favorites of Oxy and Redlands to take the singles trophy. The upset spotlight had to be shared with Tech though, as Rompin' Ray Palmer added his bit to the fray. Though Palmer's name couldn't be found in the top eight seedings, Ray met No. 3, Hanberg (W), in the quarter-finals and took him in straight sets, 8-6, 6-2.

### Ed Turns the Tables

Easy-goin' Ed Alexander won from McCloskey (P), 1-6, 6-3, 9-7, after having suffered a 6-2, 6-2 defeat from the same man earlier in the season.

### Tough to Take

Tech's John Holmgren injured his ankle at 2-2 against Xanthos (O) during singles play. Thus he had to withdraw and default his

(Continued on Page 4)

### SCORE BY INNINGS

Caltech	0 2 1 0 0 0 0 0-3
Hits	0 1 2 2 1 0 1 0-7
Occidental	2 0 0 0 1 3 0 1 x-7
Hits	2 1 0 0 2 3 0 0 x-8

### SUMMARY

Innings Pitched—Perez, 9; Hedrick, 8. Winning pitcher—Perez. Losing pitcher—Hedrick. Hits—Off Perez, 7; Hedrick, 8. Runs—Off Perez, 3; Hedrick, 7. Struck out—By Perez, 8; Hedrick, 2. Bases on balls—Off Perez, 2; Hedrick, 3. Stolen bases—Butler, 1; Trump, 1; McLean, 1. Three-base hit—Mason. Two-base hits—Osterman, Trump, Butler, L. Hedrick, MacGinitie. Runs batted in—L. Hedrick, 1; Mason, 2; Galassi, 2; Osterman, 1; Fleishman, 1. Double plays—Perez to Gallassi; Butler to Bason. Left on bases—Aech, 5; Oxy, 8. Passed balls—Petrulas, 2. Earned runs—Tech, 3; Oxy, 1. Team hitting—Caltech, .212; Oxy, .222.

## Sagehens Win Golf Meet, Tech Second

Last Friday afternoon at the Rancho Don Lugo course the Pomona Sagehens won the Conference Tournament and so gained possession of the Golf Trophy. Tech finished second as the tricky course proved more difficult than the last time that the Beavers played there. The total score for the first four Pomona men was 631 strokes while Tech totaled 658. The Tournament was on a low medal basis, each man playing a total of thirty-six holes.

The highlight of the afternoon was Otto Strobel's 66 on the afternoon round. The Whittier ace carded a 76 on the morning round which gave him a total of 156 strokes for the thirty-six holes. For Tech, Douglas, who has been improving steadily, was low man as he came through with a total of 156. The Conference was well represented as even Oxy, who has been out of the golf competition this year, entered several men.

The golf team will feel the loss of Captain Harrigan and Douglas through graduation, while Revay, Moore, Benton, Bennett, and Burrows will be returning. However, the outlook is not too bright as Pomona is expecting the return of her full team, with the addition of several other low-scoring men.

## Talkin' It Over

With Stan and Paul

Well, men, the year is drawing to a close, and it's time to look back through the pages of the score books and give credit to those men who have given the time and effort to compete in intercollegiate athletics.

### Beer mug Bash

On Friday, the sixth of June, the annual Awards Assembly will be held. On this momentous occasion, the usual awards will be made by the ASCIT in track, swimming, baseball, golf, and tennis. Besides these, the Alumni Baseball Trophy, the Hanes Cup, the Scott Tennis Trophy and the Interhouse Trophies will be dished out.

### Tallest Dog

But the main event will feature, standing two and a half feet tall and weighing 103 3/4 ounces, the Adam Hat Trophy, which will meet its new worthy owner who has been picked as the outstanding athlete of the year at Tech. This is the man who has contributed most to sports and it is more than fitting that he be rewarded.

### Spring Planting

The boys have already planted the seeds in the melon patch for next fall's crop of casaba fingers. The first sprouts are looking very green, but when the season rolls around they should be ripe. Monday and Thursday nites at the Pasadena YMCA a motly crew of local varsity talent playing under the nom de plume of the "Beachcombers" can be seen in action.

### Black & Blue

Although losing the first four games to better-conditioned fives, the lads scored a winner last Monday evening in an overtime thriller. Highlight of the game was when Paul (of Talkin' It Over fame) clunked noggins with Tempestuous Ted Bowen. The Ricketts' rock-head proved harder than the Goon's and beefsteak was the order of the evening for the battered basketeer.

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### AVC Charter Approved, Chapter Meets Wed.

The Caltech American Veterans Committee Chapter, No. 951, whose charter has recently been granted, will hold its last meeting of the year Wednesday, June 4, at 4:15 in the "Y" lounge.

The group will recount war experiences and hear a talk by Dr. John Shutz, chapter advisor and Tech debate coach, on how to keep in shape for next year's studying through the summer.

Chairman Stan Zwick invites all Caltech vets to attend and have coffee and sinkers on the Chapter.

### CHEST X-RAY UNIT—

(Continued from Page 1)

dena, and the three-day Tech program represents the beginning of the community survey.

Tuberculosis took over 52,000 lives in 1945 and is the first cause of death in the 15 to 35 age group. When caught in its early stages—and usually when "symptoms" other than X-ray indications show up it is already late TB—the disease can be cured without resort to hospitalization and costly treatment. Chest X-rays are the only means of detecting the disease in this early, correctable form.

### BEAVER ORATORS—

(Continued from Page 1)

League?" won third place. He discussed the lowering of academic standards by too great an interest in athletics.

Finally, to complete the perfect score, Freebairn and Krumholz tied for fourth place. Dr. Schutz is visibly swelled by this record and now has a fine talking point for new members on the debating team. Any underclassmen who are interested in speaking should see Dr. Schutz.

## OAK KNOLL CLEANERS and TAILORS

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### INCO Fellowships

TORONTO.—An extension of the INCO fellowship awards for post-graduate study in Canada, Great Britain and the United States was announced by Robert C. Stanley, president of the International Nickel Company of Canada, Limited, in his address before shareholders at the annual meeting in Toronto.

The fellowships are part of a broadened program of co-operation recently extended by International Nickel to universities and colleges in the field of technical education.

In the United States six two-year fellowships will be awarded bi-annually over a period of 12 years. The fellowships provide an annual stipend and tuition for study in the fields of nickel, copper and the platinum metals. They will be awarded to the Massachusetts Institute of Technology, Carnegie Institute of Technology, Yale University, University of Michigan, University of Illinois and Johns Hopkins University.

### POMONA, REDLANDS SPLIT—

(Continued from Page 3)

doubles match. Xanthos was seeded No. 1.

#### Biggest Upset of Day

Young Woolsey (P) handed the heavy favorites, Hanberg-Krueger (W), their first defeat in league play, 6-1, 6-1, to romp home with the doubles crown. This was undoubtedly the biggest surprise of the tourney.

#### Whotta Life!

Only fools predict the winners of doubles tournaments—proof: the Tech combination of Holmgren-Palmer defeated Saturday's champs in straight sets in the last Pomona match . . . Too bad John was unable to play Saturday! Who knows?

### MUSICAL BAEDEKER—

(Continued from Page 2)

ly set for Monday, June 23rd. The line-up of stars to appear is still far from complete, but the King Cole Trio, June Christy, Charlie Shavers, Andre Previn, Dodo Marmarosa, and Red Callender are definitely scheduled to perform. Tickets will be on sale in a few days at the Ward Bowling Music Co. on Colorado Blvd.

### PORTABLE RADIOS

\$23.60

L. C. TAYLOR COMPANY  
143 North Lake  
Hours 8 to 6—Saturday 8 to 9  
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## Campus Brewin's

A warm night and clear starlit skies gave Dabney all the props they needed last Saturday for the annual Spring Semi-formal, held in their palm-bordered patio. The soft music, candlelight, and tasteful flower arrangements put most of the couples in a dreamy daze, only temporarily shattered by the floor show. The Carter-Hedrick-Warren Entente presented (by popular apathy) a macabre slice of life entitled "Rub Don't Blot, or, George Schlepington Washed Here," while the quartet sang a song and an original (and how!) sentimental Dabney number. The plush night club atmosphere was further enhanced by the intimate pictures taken by that roving photo girl, Tom Tracy. Among the couples flying more than three feet off the floor were Bob Barraclough with Ronnie Ham, Bill Giacomazzi with Lish (soon to be Mrs. G.) Beck, Dave Warren with Anne Davis, Henry (The Joke) Wheeler with Isabel (also to be a Mrs.) Sloane, Chuck (The Finger) Moody with Donna Crandall, Craig Marks with Lois Brinkman, Martin Walt with Mary Thompson, and Jack Ottestad with his future, Terry McCaslin.

who thereupon exclaimed "Now stop that!" This warning was quickly followed by, "Not you, you!" Jep Wade showed up with Mary Seaver who has been monopolizing his time for quite a while now. Is it her car, Jep?

#### House Party

A gay time was had by all at the recent house party given by Carl Price's girl, cuteous Ann Denster, at her Lake Arrowhead place. Frolicking there were Bob Stokely with Peg Carey, Bill Boutelle and Betty Hoben, and Vince Honnold and Mike MacEacheron.

#### Coming Attraction

A bevy of Scrippswits has sent us their retort to the Schuyler-Smoot bombast, but unfortunately space limitations do not allow its publication this week. Look for it in this column next week or in the forthcoming "Hot Rivet."

#### Around the Alleys

Speculation runs rampant in Blacker concerning the exact nature of nefarious activities in the Hole and the Annex. These alleys have been conspicuous contenders for and winners of "The Award" in recent weeks. "The Award" is presented for "debauchery above and beyond the call of duty."

Upon hearing a mumbo-jumbo of remarks concerning logarithms and how to raise "e" to a power issuing from Room 18 Blacker last Saturday night, alley passers-by were chagrined to find Prof. J. C. Bear busily engaged in teaching Beth Lewis all about the mysteries of that divine tool, the slide rule.

Wharton (Pappy) Bryan has been welcomed to the CIT Light Car Club. It's a long, low, Dusie.

Beach Parties

Dabney held a beach party Sunday for the benefit of those who felt the need to extend Saturday nights revelry. At Emerald Bay a small group headed by Paul Fullerton and date participated under rules banning all sports more strenuous than basking in the sun.

Also at the beach were Fleming and Ricketts at their joint beach party. Stan Barnes and Red Furth had in tow blind dates from Scripps. Roger Studs, Don Lovelace, Jack Moner, and Tom Stix were tagging it. At last reports Bill Seiden was climbing trees in Irv Singer's motorcycle.

Blackouts of '47

Blacker's much-publicized Las-covian Sorb costume party fized into a record dance at the last minute as it appeared that costume-designing ingenuity was at a premium. The ensuing dance, however, turned out to be a tolerably congenial affair, having since been dubbed the "Blacker Blackouts." In the darkness I accidentally (?) brushed a soft feminine form

### Classified Ads

THESIS, term papers, manuscripts typed. Twenty years University of Washington. Miss Corinne Babcock, 1028 Mission St., South Pasadena. (SY. 9-2462).

FOR SALE—Admiral automatic record changer. Practically new, \$25. Schuyler, No. 59 Fleming.

FOR SALE—Golf Clubs. Six irons and putter. Two woods. Excellent condition. Barrie, No. 72 Fleming.

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## Tech Grad Has Bad Day; Loses Thesis

The unhappiest student in California today was probably Henry T. Ponsford, Caltech graduate student in Aeronautical Engineering.

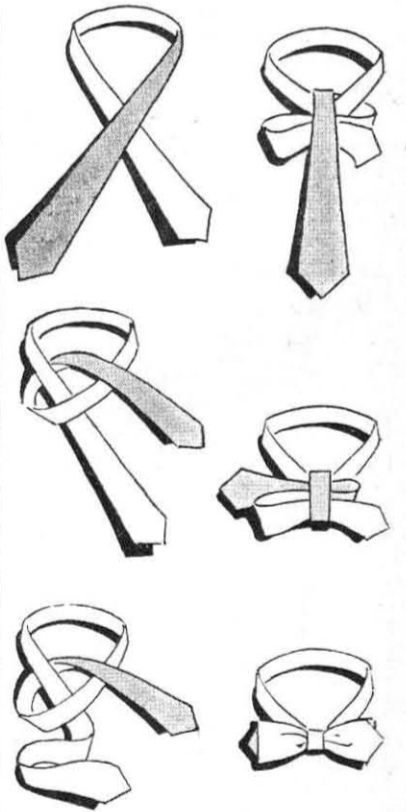
All Ponsford has left of a completed thesis covering two years of graduate work for a professional degree in Aeronautical Engineering is memories — and they have largely turned to nightmares now.

All his notes, the original of the thesis and two typed copies were in a small brown leather zipper suitcase. Last Saturday night around 10 p.m. Ponsford lost the suitcase in the 1300 block on North Alvarado, Hollywood.

#### Reward Offered

Classified ads and reports to Hollywood police have failed to locate the suitcase and its sole contents—two years of hard study represented by a bundle of papers of which Ponsford has no duplicates. He doesn't want the suitcase—just the papers. There's a reward for their recovery and no questions asked. Ponsford can be reached at Old Dorm, Caltech, Pasadena 4, or by calling OLYmpia 7706.

## BOW TIES



- 1—Slip the tie through the collar, leaving the right end one inch longer.
- 2—Knot the tie once, so that the long end is on top.
- 3—Fold the short end into a bow, under the long end.
- 4—Place the long end over the bow, then . . .
- 5—Fold the long end under and tuck it through the loop under the knot.
- 6—With finger in each bow, pull for proper adjustment.

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