

Student Health Fee Increase Announced By Dr. DuBridge

\$11,500 Deficit Cited as Reason for Trustees' Action; Full-Time Nurse and Doctor Service Offered This Year

An increase in the student health and hospitalization fee from \$10 to \$15 per year has been authorized beginning with the 1949-50 school year by action of the Board of Trustees, President L. A. DuBridge announced this week.

"This increase in fee has become necessary to help defray some of the increased costs of the expanded health program at the Institute," he said. "Even with this increase," he stated, "the campus health service will show a loss next year of approximately \$7500. This deficit will be made up out of the Institute's general funds. This year it has been necessary for us to underwrite the new health program to cover a loss of approximately \$11,500," he said.

Full-time Service

This year, for the first time, the Institute has had the services of one full time physician and another on a part time basis. Heretofore only the part-time services of a physician were available. Facilities for taking care of bed patients on the campus have also been made available for the first time and 24-hour nursing service has been provided.

Increased Costs

"All of these increased services have naturally increased our costs," Dr. DuBridge said. "The additional health and hospitalization charge will not meet all our increase in expenses for this operation, but it will help."

As in the past, \$4.00 of the total fee will be credited to the emergency hospitalization fund. This fund is a form of insurance used exclusively to pay the expenses of students requiring hospital care, either in the campus health center or at an outside hospital.

Tyson, Marks Win ASME Elections

Last Monday's ASME meeting was the occasion for the nominations of next year's officers. From the ensuing campaign, Howell Tyson emerged as Chairman, Craig Marks, Vice-chairman and Richard Wright, Sec-treas.

Picnic Planned

Plans for the remainder of the present term on which these new officers will be working, are the transfer of senior student members in the regular society, and also a joint picnic with the CE's to be held the Sunday after Senior finals.

Kenney, Carter to Reno

Of immediate importance is the Regional Student Conference in Reno this weekend where Tech will be represented in the speech contests by James Kenney discussing "Improved Methods in Measuring Sewage Flow" and Hugh Carter, whose subject is "Analysis and Redesign of the Lockheed Bump."

Campus Calendar

- THURSDAY, APRIL 28—**
 12:00 Y Upper Class Lunch Club
 12:15 Throop Club Meeting
 4:15 Swimming vs. Pomona at PCC
 7:45 Dancing Class
- FRIDAY, APRIL 29—**
 11:00 Conger Peace Prize Orations in Culbertson
 1:30 Golf vs. Whittier at Caltech
 3:00 Tennis, Frosh vs. Whittier at Tournament Park
 Fleming Postcard Exchange
 Ricketts Exchange with Dorsey Hall
- SATURDAY, APRIL 30—**
 1:30 Tennis vs. Whittier at Tournament Park
 2:00 Track vs. Redlands at Redlands
 2:15 Baseball, Varsity vs. La Verne at Tournament Park
 Blacker Theater Party
 Throop Club Dance
 Dabney Workers' Party
 Ricketts-Fleming Barn Dance
- SUNDAY, MAY 1—**
 Junior-Senior Garden Party
 7:30 Y Fireside at George Beadle's
 7:30 Caltech Musicals in Dabney Lounge
- TUESDAY, MAY 3—**
 12:00 Frosh Lunch Club
 4:30 Baseball, Frosh vs. Muir at Tournament Park
 4:00 Swimming, Varsity vs. UCLA at UCLA
- WEDNESDAY, MAY 4—**
 7:30 Orchestra Rehearsal in Culbertson
 9:00 Glee Club in Culbertson

Gala Attendance At Solid Film

A new high in attendance records for meetings of the Combined Engineering Societies was probably set last Monday. More than eight hundred members of the student body and faculty flocked to Culbertson Hall to witness what is without doubt one of photography's most spectacular achievements of recent years, a three dimension color film.

Entitled "Highway USA," the film, which is sponsored by the Barber-Greene Engineering Equipment Company, depicts some of the more scenic views which may be seen by the American tourists from the nation's highways.

Special Equipment

Achieving the vivid three-dimension effect requires the use of a special projector which projects a double image on a special aluminized screen. The observer then views this double image through two polaroid lenses with their transmission planes at right angles to each other.

The film was shown by Mr. Cliff Eshenbacher, who is a student at the Illinois Institute of Technology while not working for Barber-Greene, and who came at the invitation of the ASCE Student Chapter, which sponsored the meeting.

Amazing Effect

Everyone who was fortunate to get a seat at one of the four showings was amazed by the effect achieved, and it seems reasonable to forecast that the discovery will have a marked effect upon the moving picture industry.

Next Monday, the ASCE Student Chapter, continuing its policy of presenting the engineering student with information not ordinarily gained in his curricular activities, will have as guest speaker Mr. Sam Hobbes, of the Portland Cement Association. Mr. Hobbes will speak on the subject, "Quality Concrete in Building Construction." The meeting will be held at 11:00 a.m. in 208 Throop. All interested are invited to attend.

Fourteen Hundred Couples Dance At Five School Dance

An estimated 1400 couples danced to the smooth strains of Carrol Wax's band last Saturday night in the Paddock room of Santa Anita as the conference schools held their first All-Conference Dance.

Kay Starr

The band of Carroll Wax, which sported eight violinists and a harpist, proved to produce very danceable music. Also Kay Starr, popular singing artist, sang four numbers.

Santa Anita asked for a heavy police guard to protect against damage to the property, but there turned out to be no need of them, the dancers concentrating on the music or the benches on the grounds, instead of causing riots as was apparently feared.

Net Profit

The dance cleared a net profit of from four to five hundred dollars, which will be divided among the conference schools. Tech exceeded her quota, which was large to begin with, by selling 85 bids more than the quota. This perhaps accounted for the large number of Techmen you might have bumped into at the dance. Stan Boicourt had charge of the sale of the bids.

The dance, if held again next year, cannot be held in the same place, since harness racing will be going on at Santa Anita in the spring.

Upperclassmen To Cavort At Annual Spring Garden Party

Beadle To Host Next Y Fireside

Dr. George W. Beadle, chairman of the division of Biology at the Institute, will be host to a group of Techmen and next Sunday's Y Fireside. Since his arrival from Stanford in 1946, Dr. Beadle has become well known on campus not only for his administrative and scientific abilities but also for his genuine interest in the students.

Inasmuch as the number of men who can go is limited, please sign early on one of the four lists posted in the houses if you wish to go. A very fine evening is anticipated.

Following Dr. Beadle there is a fireside at the home of Dean Lacey of the Graduate School on May 8th.

Hal Lomen To Wave Baton For Sunday Afternoon's Festivities

Dancing, Refreshments In Dabney Gardens; Invitations Obtained From Forester, Stewart

The members of the Junior and Senior Classes will unite next Sunday afternoon to present a Garden Party. This traditional event, long neglected during the war years, proved to be such a success last year that it is being offered again as another means for juniors and seniors to relax from the worries of mid-terms.

That venerable sage and friend of all Techmen, Francis Bacon, says in his essay "Of Gardens," that "God Almighty first planted a Garden . . . And indeed it is the purest of human pleasures. It is the greatest refreshment to the spirits of man . . ."

Words of wisdom these, which all members of the junior and senior classes—who can appreciate the erudition of Mr. Bacon—should heed on this coming Sunday, when the annual Junior-Senior Garden Party moves into Dabney Gardens for three pleasant afternoon hours. It's one of the top social events of the season, even for those who have expressed some doubt about the feasibility of such sedate affairs.

Controversial

Without a doubt this has been one of the most controversial social affairs on the agenda for the year, with violent factions battling over the intrinsic merits or demerits involved, so the committee in charge of arrangements, headed by Bob Stewart, has really expended a tremendous amount of effort in making this an afternoon well worth three hours out of the pits.

Garden Tables

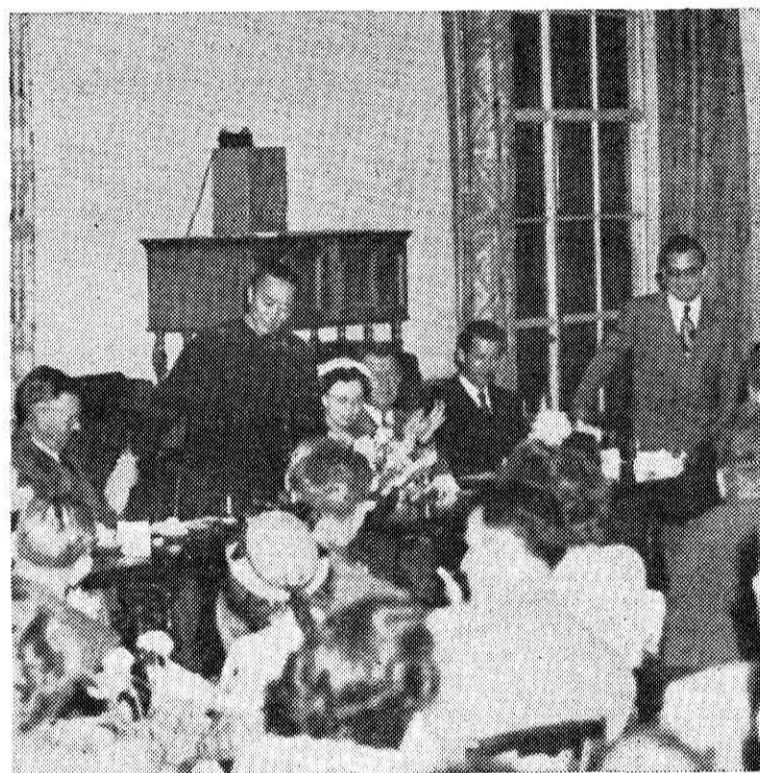
Dabney Gardens will be decorated with garden tables, refreshments will be served, and the students of the dance may display their talents on the lawn or on the dance floor as they choose. Hal Lomen will start the downbeat at 2:30, and play "soft and slow" until 5:30.

Even the die-hards who were loudest in their expressed doubts last year admitted, when the last note of music died away, that it was a fine affair. This year should be no exception, so all of you—skeptics included—are invited very cordially by the Garden Party Committee and the officers of the two classes to attend next Sunday.

Faculty Invited

Many faculty members will be (Continued on Page 6)

SPEAKER MEETS Y



Koo Addresses Y Banquet

"Are you willing to become part of an omelet?" was the question Dr. T. Z. Koo asked the guests at the 33rd anniversary dinner of the Caltech Y held last Thursday evening in the Athenaeum. Dr. Koo's address highlighted the banquet which was presided over by Dean Eaton.

The evening included a welcome by Ralph Lovberg, a review of the Y program, a finance report, a violin selection by Richard Taylor, and remarks by Wes Hershey, but the address by Dr. Koo was considered to be the highest point of the evening.

Omelet

Dr. Koo centered his talk around two illustrations. In the first he likened the method of developing international peace and understanding to the making of an omelet.

In this analogy he said that the eggs represent the various nations. In order to produce a homogeneous omelet it is necessary to break through the shell of each egg and mix them all together.

If, on the other hand, you put the eggs all in one pot without breaking through their shells, the only possible result is a bunch of hard-boiled eggs. In this process of mixing he said that there may be a bad egg thrown in, but that was the chance we would have to take.

Authority-Energy

In the second illustration he compared the significance of the English and Chinese words for

power. The latter is made up of two pictures, one above the other, the upper one meaning authority, the lower one meaning energy.

Power was good so long as the authority had control over the energy; it was bad when the reverse was true. With this picture he introduced the idea that recent troubles and conflicts between nations came as a result of insufficient authority or control over the energies of strong national states.

In order to avoid the danger of future world conflagrations, Dr. Koo stated that it would be necessary to establish over the various nations an authority which was greater than that of each individual nation.

Presidents

After the welcome by ASCIT President Ralph Lovberg, the presidents, past and new, of the Caltech Y were introduced along with the other officers. Vern Edwards, last year's president, Richard Libbey, this year's vice president, and Edward Crichton, who will lead the Y for the coming year, then gave a review of the Y program for the past year.

Mr. Lawrence M. Kiplinger, chairman of the Y finance committee, told how \$2,759.05 was given and pledged by Students and Faculty members to support the Y. This amount far exceeded the amounts received in the past year and will enable the Y to expand their already broad coverage of personal and campus services.

McKinney Prize Contest Orations Set Thursday

Qualifying as final contestants in the McKinney Prize Contest in English, Irving Krumholz, William Pyle, Bernard Shore, and Robert Stubbins, will take part in the orations to be held on Thursday, May 12, at 11 a.m. in 206 Dabney.

Competing on the topic "The American Way of Life—A.D. 2000," the four finalists have written essays which they will present orally at this time to a group of judges and the student body as a whole.

Winners

The top two winners, who will be judged on the quality of their essay as well as the effectiveness of their presentation, are entitled to receive a first prize of \$75 and a second prize of \$50. In addition all four contestants will receive a valuable book as a trophy.

Established at the Institute in 1946, the Mary A. Earl McKinney Prize Contest in English was created in order to cultivate proficiency in English.

Samuel P. McKinney, M.D., of Los Angeles, and a graduate of Rennselaer Polytechnic Institute founded the contest in memory of his mother.

Required

This year's contest was open to all members of the Junior and Senior classes, and included as required reading Francis Bacon's "The New Atlantis," Edward Bellamy's "Looking Backward: 2000-1887," Bernard Shaw's "Back to Methuselah" and Aldous Huxley's "Brave New World."

All those interested are invited to attend the final judging of the contest.

Institutors Plan Election Monday

There will be a meeting of all the present institutors and all those interested in this organization in Dabney Humanities Lounge Monday during the 11 a.m. assembly hour. The purpose of this is to elect next year's officers and discuss the operation and methods of improving this new organization. Everyone who is concerned with the Institute and the welfare of the ASCIT and who is willing to do something about it please be at the meeting to offer your suggestions.

Two Tech Men Win Prizes At AIEE Meet

On April 19, some 30 E.E.'s from U.S.C., a like number from Caltech and about 70 members of the Los Angeles Section of the A.I.E.E. met together on our campus. A tasty steak dinner at the Athenaeum was followed by tours of the High Potential, the Hydrodynamics, and the Analog Computer Labs.

Four papers were given, two from U.S.C. and two from Caltech. Walt Herschberg took first place with a magnificent paper on Topographic Presentation Radar, while Bob Haufe took an easy second with an uproarious paper on his automatic tit-tat-toe machine.

We wish to congratulate these men for bringing Caltech the laurels.

Conger Peace Prize Contest Set Tomorrow

Is world peace possible? Will the government change its regulations on strikes?

Tomorrow's assembly, 11:00 at Culbertson, featuring the Conger Peace Prize Oratory Contest, will attempt to answer such questions as these.

The contest, established in 1912 awards annually a \$50 first-prize, and a \$25 second prize for the best orations on the subjects of world or industrial peace.

This year the contestants who will present their orations are Bernard Rudin, John Heath, Ulrich Merton, Ray Brow, Ralph Stone, and others as yet unannounced.

Last year Robert Heppe won and John Heath received second prize. All those who are interested in the crucial question of world peace are urged to attend.

Interview Schedule

APRIL 28—SHELL OIL COMPANY, WILMINGTON REFINERY, CALIF. Mr. Robert Dourson and Dr. S. B. Thomas, interviewers. MS, Prof. and PhD degree men in Chemistry and Chemical Engineering for Refinery Research and Technical work. They want the Chemists interested in the practical approach rather than straight research.

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Offices: Lower Fleming
Telephone: SYcamore 6-7121 Ext. 180

Jim Hummel, Editor

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The Evening Concert

KFAC 8-10 p.m.
Presented by the Southern California and Southern Counties Gas Companies

THURSDAY, APRIL 28

Weekly Feature Concert—a Program of Chamber Music

SERENADE No. 12 IN C MINOR, by Mozart. String Ensemble conducted by Ferdinand Oubradous (16).

QUARTET No. 2 IN G MINOR, by Faure. London Belgian String Quartet (43).

TRIO No. 1 IN B MAJOR, by Brahms. Arthur Rubinstein, Pianist. Jascha Heifetz, Violinist. Emanuel Feuermann, Violoncellist (25).

SEPTET IN E FLAT MAJOR, by Beethoven. Pro Musica Chamber Group (32).

MEDITATION FOR STRING ORCHESTRA, by Suk. Czech Broadcasting Orchestra conducted by K. B. Jirik (18).

FRIDAY, APRIL 29

SYMPHONY No. 9 IN D MINOR (CHORAL), by Beethoven. Boston Symphony Orchestra with Soloists and Chorus of The Berkshire Festival conducted by Serge Koussevitzky (68).

THE COFFEE CANTATA, by Bach. Benjamin de Loache, Baritone. William Hain, Tenor. Ethyl Hayden, Soprano. Instrumental Ensemble conducted by Ernst Victor Wolff (28).

VARIATIONS ON A RACOCO THEME, by Tchaikovsky. Paul Tortelier, Violoncellist. Symphony Orchestra conducted by Norman Del Mar (16).

SATURDAY, APRIL 30

CAVALLERIA RUSTICANA, by Mascagni. Soloists, Chorus and Orchestra of La Scala, Milan conducted by Pietro Mascagni.

HIGHLIGHTS FROM LA BOHEME, by Puccini. Soloists, Chorus and Orchestra of La Scala, Milan conducted by Umberto Berrettoni.

MONDAY, MAY 2

THE MAGIC FLUTE—Overture, by Mozart. B.B.C. Symphony Orchestra conducted by Arturo Toscanini (61).

SYMPHONY No. 3 IN C MAJOR, by Sibelius. London Symphony Orchestra conducted by Robert Kajanus (32).

VLADIMIR HOROWITZ, Pianist.

CONCERTO No. 2 IN B FLAT MAJOR FOR PIANO AND ORCHESTRA, by Brahms. NBC Symphony Orchestra conducted by Arturo Toscanini (44).

DAS RHINEGOLD—EXCERPTS, by Wagner. The Philadelphia Orchestra conducted by Leopold Stokowski (22).

ROUSSALKA—Ballet Music, by Dargomizky. London Philharmonic Orchestra conducted by Antal Dorati (8).

TUESDAY, MAY 3

MANFRED—OVERTURE, by Schumann. B. C. Symphony Orchestra conducted by Sir Adrian Boult (11).

SYMPHONY No. 1 IN C MAJOR, by Bizet. Philharmonic-Symphony Orchestra of New York conducted by Artur Rodzinski (25).

JASCHA HEIFETZ, Violinist.

CONCERTO No. 2 IN D MINOR FOR VIOLIN AND ORCHESTRA, by Wieniawski. London Philharmonic Orchestra conducted by John Barbirolli (19).

HAYDANISE, by Saint-Saens (8).

ZIEGNERWEISEN, by Sarasate (9).

DON QUIXOTE, by Richard Strauss. Emanuel Feuermann, violoncellist. The Philadelphia Orchestra conducted by Eugene Ormandy (38).

A SONG BEFORE SUNRISE, by Delius. New Symphony Orchestra conducted by John Barbirolli (4).

WEDNESDAY, MAY 4

THE ITALIAN GIRL IN ALGIERS—Overture, by Rossini. Philharmonic Orchestra conducted by Dr. Hans Schmidt-Isserstedt (8).

SYMPHONY No. 4 IN B FLAT MAJOR, by Beethoven. B.B.C. Symphony Orchestra conducted by Arturo Toscanini (30).

ELISABETH SCHUMANN, Soprano.

A LIEDER RECITAL (31).

THE PINES OF ROME, by Respighi. The Philadelphia Orchestra conducted by Eugene Ormandy (19).

SLAVONIC DANCES, by Dvorak. The Cleveland Orchestra conducted by Georg Szell (24).

Musical Masterpieces

KFAC 4-5 p.m. daily
2-5 p.m. Sunday
Presented by the Slavick Jewelry Company

THURSDAY, APRIL 28

Mireille "Overture"—Gounod. Paul Kirby and Vienna Philharmonic Orchestra.

Symphony No. 2 in B Flat Major—D'Indy. Pierre Monteux and San Francisco Symphony Orchestra.

Roussalka "Ballet Music"—Dargomizky. Antal Dorati and London Philharmonic Orchestra.

FRIDAY, APRIL 29

Miracle in The Gorbals—Bliss. Constant Lambert and Royal Opera House Orchestra of Covent Garden.

Suite Provencale—Milhaud. Vladimir Golschmann and St. Louis Symphony Orchestra.

Music from Kipling's Jungle Book—Rosza. Miklos Rosza and Symphony Orchestra. Sabu, Narrator.

SATURDAY, APRIL 30

Orfeo ed Euridice—Gluck. Orfeo—Kathleen Ferrier, Soprano. Euridice—Anne Ayers, Mezzo-Soprano. Amor—Zoe Vlachopoulos, Soprano. Glyndebourne Festival Chorus. Fritz Stiedry and Southern Philharmonic Orchestra.

By Request

Due to circumstances beyond our control we cannot print the program for Musical Masterpieces for the remainder of next week.

We will, however, attempt to obtain the program before the next issue of the Tech comes out.

We would like at this time to thank those who have sent in their appreciation of these printed programs. We are trying to put what the majority desire into the paper.

GAD!

She made a right hand turn from a left hand lane and promptly got hit by another auto. The driver got out and accosted her.

"Lady, why didn't you signal?"
"I always turn here, stupid."

GAD!

Man: "I know a man who has been married for forty years and spends every evening at home."
Wife: "That's what I call real love."
Man: "The doctors call it paralysis."

GAD!

A small boy showed up at a doctor's office. He had a note from his mother. The note read: "Dear Doctor: Please will you do something to Willie's face. He's had it a long time and it's spreading."

CAMPUS BREWINS

The gigantic five school rodent speed contest came off much as scheduled. True to his promise, Carter, cursing the absence of bar, brought his own portable bar and danced contentedly in the parking lot, never straying more than ten feet from the source of refreshment. Corbato's bar was a bit farther off, and he, Wood, and Royce had to do a little more shuttling to keep up.

More direct action was taken by Throop, and in grim defiance of the edicts of those most liberal schools, Oxy, Pomona, Whittier, and Redlands, they set up a rousing and busy bar in the darker end of the Paddock Room, and came equipped with all imaginable accessories. Several wide-eyed lasses were seen plied and pied. Barnes was present with Marilyn of Toll, and we now believe that we have plotted the Barnes Cycle over one compete period: Marilyn, Dot, Meg, Marilyn . . .

Price claimed to have spent most of his time acting as functionary—he was seen functioning very smoothly—with Bev, when we looked. We are hopelessly mired and confused: "Usually reliable sources report that" on-again-off-again Woods is off again with his gurgling Squnthia . . . Bob Madden, seen displaying a Cheshire cat smirk, finally managed his date with Pat of Fisher's, left the dance early mulling something about the large crowd (out there?), and shanghaied her off to the Tournament Room. The Tournament Room then went on to turn the tables on our shanghaier, but not for long.

Seductive-Wench awards go to Stanaway, for that Dresden-doll, H2O2-haired lovely, frosh Ronny Kramers, and Dan King, for dates that raised the mean temperature of said Paddock a good 0.4 degrees. Among unusual events seen at the dance were Bill Cox, with a date, and Weldon Bergreen, with a similar appendage.

What really convinced us that spring was at our throats was the rumor (can this be so?) that Lee W. Ross not only was there with one of the tastiest tibitis this side of RKO, but was rather passionately engaged in unscheduled entertainment in the grandstand. Not knowing quite what to say to this bit of intelligence, we can only mutter that here, indeed, is further evidence of the Mr. Hyde side of Lee.

Those grandstands were quite a windfall to Jerry Sichel. He, while employed to enforce grandstand morality, took his job with true Uruguayan (say, didn't Paraguay declare war on them, or somebody?) realism, returned home gloating over a booming bribe profit, as the density of couples seen amongst the so-

called seats would testify.

LEVIS OR KNOW
Carel Otte had a busy weekend. He was observed in the company of a geologist from the U of Arizona while out in the field Friday. Upon seeing her at the Dabney Exchange that night he was heard to murmur wonderingly, "By golly, she certainly looks different—you know, she was wearing those blue jeans all day . . ."

He proceeded to continue his geogological studies. The following night, despite the, 1000 odd couples, he lucked out in truly fine style—he had GLORIA to talk to. While clinging to his manly shoulder she was heard to sigh, after one of Kay's sensuous songs, "She's my ideal!" We truned away to hide a bitter snicker.

Lovberg, Tech's own public figure, was the only man to get close enough to Kay Starr to see if she really contained all that her portrait in last week's paper promised—but it cost him (or us) a bouquet which Kay had doubtless pressed lovingly into her hope chest.

Speaking of chests, we quote from the Schmipture, "It was announced that the Scripps turnout (the lack of italics is theirs) for the recent Annual Chest X-Ray Survey was 100 per cent." The man who developed the X-rays reports 248 hooks, 5 snaps, and one square-knot. He also reports . . . oh, well.

SEEMS REASONABLE

"Manual" Bass, paid to guard at the erstwhile parimutual pen, was seen scouting for Fleming Postcard Exchange prospects. He lit upon a delicious morsel serving coffee at the refreshment end and was frustrated to find he had no postcards left to offer her. Bft, with true Lemming initiative, Bass bravely gave her a penny and told her to buy her own and send it in.

Hambones, it may be noted in passing, was embittering Dabney at their exchange by standing at the door of their powder room happily passing out postcards. The Darbs seemed to have acquired a fine crop of femmes. They were a bit perturbed (and hopeful) to find that they received an acceptance from nine (9) girls from the same house. It developed that it was a group of student nurses from the Huntington Hospital, but the men were not disappointed — ask Pyle.

Clarke Brundin again obliged on the entertainment, and by virtue of his stirring rendition of Sam Hall, is forever barred from singing in mixed company. What-a performance!!

Another part of the floor show—a hastily assembled group of musicians from Dabney, Fleming (Continued on Page 6)

Forensics

At the last ASCIT Board meeting, much time was consumed with the issue presented by the debaters. In the past a man who has done well in debating has been awarded, at the discretion of the coach, a small gold gavel for his first year's award and thereafter merely a paper certificate. With that system, a good man in forensics, often having won major tournaments for Caltech, would only be awarded a certificate of merit for his work if he had already been awarded a gavel in preceding years. The Board, therefore, feels that some award should be given in forensics for more than one year's work somewhat like those given in athletics in which a man can win another award for each year's participation in a particular sport.

Feeling that the situation should be altered, the Board passed the following resolution:

After the first award of a gavel for debate, all subsequent awards shall consist of a ruby to be inserted in the handle of the gavel.

Further discussion of the debate situation brought up the point that there was no varsity level in debating, and that some freshmen had done well enough in tournaments to warrant an award. The following resolutions were thereby passed:

Freshmen competing on varsity level in intercollegiate debate shall receive the varsity award.

The number of honor points for Forensics as a whole shall hereafter be ten to thirty to be decided by the coach.

Honor Points

After a recent meeting of the honor point committee, some changes to the honor point rules were recommended to the Board, and the following resolution was passed:

To ensure that no one person gets an honor key for publications alone, the maximum number of points for working on publications, either on one or on both combined, will be sixty other than the points already designated for the editors; the Rally Commissioner will leave two sub-chairmen each of which will receive thirty to forty points at the discretion of the Rally Commissioner; and Beavers will be awarded from one to ten points to be decided by the Beaver officials.

Drama Club

The Drama Club recently asked the ASCIT to provide working capital for the club in the way of a loan to be paid back with the profits from their annual play. In this way the ASCIT would no longer be the recipient of all the profits from the play but, instead, the Drama Club would use the profits to buy drama equipment. The following motion was thereby passed:

Sixty per cent of the profits earned by the Drama Club throughout the year would hereafter be set aside toward an Equipment Fund for the purpose of purchasing drama equipment which would become the property of ASCIT.

The Little T

The Board of Directors have chosen Carl Hildebrand and Rich Smith to be the editors of the Little T for this year. These two were chosen from the three persons who applied since they expressed a willingness to work together on this freshman handbook.

The Board felt that it would be a wise policy to go back to the old custom of choosing co-editors for this publication.

—Olly Gardner

GAD!

You can cure your wife of snoring by good advice, cooperation, kindness, and by stuffing an old shirt in her mouth.

GAD!

A chemist recently said that the first alcohol was distilled in Arabia, which may explain those nights.

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The Front Burner

The Burner presents previews of coming attractions in the "legitimate theater" during the next few months.

The Pasadena Playhouse ushers in four footlight favorites under the Spring play schedule banner, with John van Druten's "I Remember Mama" slated to lead the way from May 4 to 15. Van Druten's adaptation of the best selling novel "Mam's Bank Account" has copped long-run laurels across the nation, plus a Burns Mantle "Ten Best Plays" rating and a popular picturization.

Second place on the Playhouse list goes to Edward Percy's murder mystery, "The Shop at Sly Corner" due in its Pacific Coast premiere on the Pasadena stage from May 18 to 29.

"Command Decision," in the full-uncut stage version is slated from June 1 to 12. William Wister Haines' powerful Air Force story tells of men against the air, the enemy and against the Grim Reaper's odds on ever returning.

Concluding the Spring list and serving as a special pre-Midsummer Drama Festival offering will be "Antigone" by the brilliant French dramatist Jean Anouilh. June 15 to 26 are the dates and the adaptation of the ancient Greek story of Antigone was affected by Lewis Galantiere.

Final performance of the current, "Hamlet, King of Denmark," tetology will come on Sunday evening, May 1.

Y's Doings

By Vern Edwards

Big event of the past week was the annual meeting held at the Athenaeum Thursday evening. A fine crowd of students and friends of the Y were on hand to enjoy the steak dinner and evening's program and from all reports everyone had a most enjoyable time.

Dr. T. Z. Koo gave a very fine talk on "Students in the New World Order" and presented many challenging thoughts concerning future world peace.

Our thanks to Dean Eaton for his most delightful job of toastmastering, to Dick Taylor for his fine violin music, and to Ralph Lovberg for his welcome on behalf of the ASCIT.

Fireside

I'd also like to extend a belated thanks on behalf of those in attendance to Mr. and Mrs. George Hall for one of the finest Y Firesides we have had the pleasure of attending. As most of you know, Mr. Hall handles the public relations department of the Institute.

Also guests of the Halls for the evening were Mr. and Mrs. William S. Barton and Mr. Bob Conn. Mr. Barton is the science editor of the Los Angeles Times and Bob Conn, formerly of the Pasadena Star News, is now a photographer for Life magazine.

It is a rare evening indeed that we get the opportunity to talk to three such interesting men as Messrs. Hall, Barton and Conn.

Conference

A record for weekend conference attendance was set this past weekend when 16 Y-men attended the spring regional meeting at Camp Seely.

The weather was perfect and

Who Dealt This Mess

By Carl Fox

This hand offers practically no bidding difficulties. By one means or another North-South should reach Three No Trump. Par for the hand is for them to bid and make game.

S 10 8 6 4
H Q J 10 6
D 10 4
C 9 8 3

W N E
S S E H 9 7 3 2
D A Q 9
C 10 7 6

S K 9 5
H A 5 6 3 2
D K J 4
C Q J 4

West dealer, East-West vul. The suggested bidding:

W P P P N I C T P E P P P S I D 3 N T

The opening lead will, in all probability, be a Heart. There is only one question confronting Declarer: should he attempt to set up the Diamond suit? Very definitely not! The defense must hold two Diamond stoppers. Letting them in twice permits them to pull the Heart stopper and take two Heart tricks, two Diamond tricks, and a Spade trick. This sets up the remaining Diamonds but also sets the contract.

Since there are eight tricks immediately available outside of Diamonds it is better to try for

the warm, clear days served as a wonderful contrast to the near-freezing weather of last year's spring meeting.

I think most would agree with me that it was quite a lift to leave the books and take off for a weekend in the mountains. But speaking more positively, the Y should expect to gain substantially from the ideas gained at the conference.

only one trick in that suit.

The best play is to take the opening Heart lead with the ace and lead a low Spade to the Queen. If East holds up his Ace, as he should, then that suit cannot be continued immediately for fear of permitting the defense to set up a long Spade trick while they still hold Diamond stoppers. Now North must switch to a Diamond. If the King wins he can then lead Spades again to set up the ninth trick.

There is a possibility that this play will permit the defense to run three Diamond tricks. But this is not fatal as long as they do not also take a Heart trick. If they are able to do this then the contract was hopeless in the first place.

After the Diamond King wins and the Spade trick is set up Declarer has no difficulties at all. He can take the Clubs and the Heart King for his nine tricks.

If the Ace of Diamonds is played to the Diamond lead and a Heart returned. Declared is still in fine shape. He now takes the Heart and leads Spades. The best the defense can do is run two Heart tricks and give up.

For next week we have a powerhouse. The hand—

S A K Q 10 9 8
H 4
D A 9 2
C A 9 5

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

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

S 7
H A 3
D Q J 10 8 6
C K 10 7 6 2

There are several contracts which may be played but only one of them is easy.

(Ed. note: Caltech bridge players undoubtedly were aware of the omission of "Who Dealt This Mess" in last week's abbreviated California Tech. In order to satisfy local card sharks the

Instituters Move Bandstand For Handicap Dance

Aching backs and creaking muscles are the results of the Instituters' noble effort for the five-school dance at Santa Anita.

Five instituters innocently recruited by Wayne Herzog under Commanding Officer Barnes' direction were given the small task of moving the bandstand from Ricketts Patio to Santa Anita's Paddock Room.

Able Engineers

Construction proceeded faultlessly with the able manpower provided by Dick Knipe, Bill Archer, Rodger Baier, Norm Fink and Phil Orville, who are now recuperating while fresh replacements were brought up to return the heavy timbers.

Demolition Experts

A great time pulling the whole thing down was had last Monday by the great Greek Kariotis, Tom Turner, Jon Goerke, Ted Polk, Bob Crichton and Bill Doolin.

California Tech is printing both last week's article as well as this week's column.)

As is mentioned in the preceding column, there are several contracts that may be played with this hand. Par is for North-South to bid and make slam. Actually the slam may be made in any one of three suits. No bidding is suggested for the various slams may be reached in a multitude of ways.

S A K Q 10 9 8
H 4 9 2
D A 9 5

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

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

S 7
H A 3
D Q J 10 8 6
C K 10 7 6 2

Since the Six Club contract is the easiest to play, it will be discussed first.

The Diamond finesse need not be risked unless it is forced by the opening lead. Two rounds of trumps are taken, ending on the board. The Ace of Spades is cashed and a small Spade ruffed to insure against a bad split. Then the Ace of Hearts is taken and entry to the board obtained by ruffing the Heart three. Now Spades are run, Declarer shedding Diamonds on them. West may take his Club Queen at his leisure, the Diamond Ace furnishes entry back to the Spades.

At the more probable contract of Six Diamonds South has more of a problem. The first lead, probably a Heart, is taken and the Diamond Queen led for the finesse. When it holds, a small Diamond is led to the nine. This reveals the split.

The next move is to cash the Ace of Spades. Since one ruff can be afforded, the eight of Spades should be trumped as insurance against a bad split. A third trump round strips West to the King and puts dummy on lead. Now Spades are run, South discarding first the Heart three and then Clubs. West may trump when he will, the Club Ace still serves as entry back to the good Spades.

Notice that, in either of the minor suit contracts, it is poor play to ruff out the three of Hearts before starting on the Spade suit. In fact, in some variations it is fatal.

At Six Spades the opening lead of a Heart is taken by South and the Diamond Queen immediately led for the finesse. This must be done at this point for, to start on trumps first commits Declarer to the loss of the Diamond King. When the Queen holds a small Diamond is led to the nine, East ruffing and returning a Heart. This is ruffed by North. Since the Diamond suit cannot be cleared for the discard of a Club loser, North must pin his hopes on a squeeze in Clubs and Diamonds. This does not actually develop as North cashes his trumps for West is forced to either bare his Diamond King or unguard the Club Queen.

Since the hands for the past two weeks have been relatively easy, the one for next time is somewhat of a stinker.

S 10 8 7 6 5 4 2
H 8 3 2
D A 6 3
C A 6 3

W N E S A J
H K 7 H 9 6 5 4 3 2
D A 9 6 4 3
C 9 8 5 2 D C K Q J

S 9 3
H A J 10 8
D K Q J 10
C 10 7 4

Industrial Relations Section To Hold Summer Meetings

The Caltech Industrial Relations Section will hold five special one-week conferences on Management and Personnel Training this summer. The session will begin June 19 and end July 22.

Most Extensive

This year's summer session, the most extensive and comprehensive ever held by the Caltech Industrial Relations Section, is attracting as conference leaders some of the outstanding men in the field, Robert D. Gray, Section Director, said. These include Lawrence A. Appley, president of the American Management Association; L. Clayton Hill, professor of Industrial Relations at the University of Michigan; Leo Wolman, professor of Economics, Columbia University; Martin S. Firth, Director of Program Research and Development, General Motors Institute, General Motors Corporation; Gilbert Brighthouse, Chairman of the Department of Psychology, Occidental College, and M. I. Gershenson, Chief of the Division of Labor Statistics and Research, State of California.

In addition to Gray, Arthur H. Young, Ray E. Untereiner and Richard O. Sensor of the Caltech staff will participate in the conference.

Five Topics

Each session will cover one of five major topics namely negotiation and administration of union contracts, employment policies and procedures, training of employees and supervisors, national income and its distribution, and integrating a personnel program. Each subject will be covered as to its broad phases as well as newest developments, trends and successful practices, Gray said.

Registration for each course is limited to 20 and advance registrations have already been received from leading companies in California, Texas, Washington, British Columbia and Hawaii, Gray said. Those attending will live and take their meals on the campus.

Hughes Fellowship Winners Announced

The first Howard Hughes Fellowships in Creative Aeronautics, established to encourage the development of top-grade aviation research engineers, will be awarded to Leo Stoolman, 30, and Harold M. Hipsch, 27, it was announced this week by Dr. Lee A. DuBridge, president of Caltech.

One From Tech

Stoolman is a graduate of Illinois Institute of Technology, Chicago, and Hipsch a graduate of Caltech. They were selected from several hundred applicants by a committee of Hughes and Caltech representatives because of their unusual technical ability, originality and personality.

Each will receive a salary for advanced development work at Hughes' Culver City, Calif., aircraft plant. In addition, a fund established by aviation pioneer Howard Hughes will provide a year of paid tuition at Caltech graduate school and a cash gift to each for personal expenses during the year.

Remedy Shortage

Dr. DuBridge termed the establishment of the Hughes Fellowships "an important step taken by the aircraft industry in cooperation with an educational institution." The program "seeks to remedy a shortage in a class of engineers upon which the future development of aeronautics depends," he said.

Leo Stoolman, born in Chicago, received a mechanical engineering degree in 1941 at the Illinois Institute of Technology and served there briefly as instructor. He spent five years as a aerodynamic engineer with a West Coast aircraft company and has recently been engaged in wind tunnel and jet propulsion research work. He is also a lecturer on mechanical engineering at USC. Stoolman is married and lives at 595 E. Washington, Pasadena. His parents, Mr. and Mrs. Frank Stoolman, now live in Los Angeles at 431 S. Hoover.

Harold Marvin Hipsch, born in

(Continued on Page 4)



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Finnish Students Plan Own Village

We print in this issue an article on the Students village, a plan of the Technical Student Body of the Finland Institute of Technology to resolve the housing shortage problems of the students. As sent to us by the WSSF.

"War was over, peace had returned and the seats of learning all over the world had begun to re-establish the label of civilization in the ravaged world. Among these institutions was the Finland Institute of Technology, its student body amounting to 2000 young men returned from the war, full of new hope for a better future and ready to work hard in order to be able to serve their sorely afflicted country as skilled men of technological science. The war had caused great damages to all the buildings where the Institute of Technology, the dormitories, covered tennis courts and the Finnish bath of the students were situated. The re-building work was begun, new accommodations were established and the pride of the students, their "Poly" was ready to receive new students. All this, however, was only a small beginning of a wide scheme aiming at better accommodation, improved social conditions as well as hygienic, and during the first post-war year this plan developed into a plan to a Students' Town, to be built in the neighborhood of the new Finland Institute of Technology and the State Institute of Technological Research.

"The rapid industrial growth of our country has surpassed the highest technological education. At the Finland Institute of Technology the space reserved for lecture-rooms, laboratories and drawing auditoriums had already proved to be insufficient, being originally meant for only 500 students. State Institute of Technological Research was to begin with too small and on a site where no enlargement could take place. These three institutions of our cultural life, the Finland Institute of Technology, the State Institute of Technological Research and their Student Bodies have always worked hand in hand and many times the young students have felt the good-will of the schools mentioned. This was the case even now.

"The plan created for these institutions resulted as far as the new site was concerned in the choice of the picturesque peninsula of Otaniemi, situated 8 km. from the center of the City. On the unanimous advice of the Government the Parliament decided to reserve this territory containing 1080,000 sq. meters for the State and on January 15th, the 100. anniversary of the Finland Institute of Technology, the Government ceded this to the disposal of the highest technological education and research. This territory will one day be the seat of a community the reflections of which will spread all over our country.

"The first aim, to be reached before 1952, is the completion of three buildings, that is accommodation for five hundred students, drawing rooms, rooms for the staff, etc., and all other modern conveniences. The first building phase to be reached before 1952 is based on the thought that the Student Body will lend the buildings for the use of the female athletes at the Olympic games of 1952. A very important and urgent motive is the present housing difficulties among the students. They will find their best remedy in the building of a Students' village. The difficult economic position of the students and present lack of certain classes of building materials threaten however to slow down the speed with which the plan was origi-

Employers Asked To Aid Personnel Practice Survey

Twenty-two hundred employers in the Los Angeles area have been invited by the Caltech Industrial Relations Section to participate in a survey of personnel practices in this area.

The survey is designed to obtain information on such practices as sick leave, vacation plans, insurance plans, severance pay and health programs and will supplement a similar survey made in 1947 covering other practices.

Committee

Working with Robert D. Gray, Director of the Caltech Industrial Section, as an advisory body on the survey is a committee composed of Robert F. Callendar, Banking Industry Council; D. W. Campbell, Long Beach Chamber of Commerce; Franklyn B. Cole, Los Angeles Chamber of Commerce; Orrin W. Fox, Pasadena Chamber of Commerce; Giles S. Hall, Personnel and Industrial Relations Association, Inc.; Victor W. Hartley, Pacific Coast Electrical Association; Phil D. Holle, National Association of Manufacturers; O. G. Lawton, Food Employers Council, Inc.; Fred Pruter, Pacific Coast Garment Manufacturers; W. D. Shaw, Associated General Contractors of America; W. A. Sparling, California State Chamber of Commerce, and Carleton Tibbetts, Los Angeles Steel Casting Company.

Confidential

All replies to the survey questionnaire will be considered confidential and will not be available for inspection. The tabulations will not reveal practices of, or information regarding specific companies, Gray said.

In addition to the practices covered in the questionnaire, the survey also distinguishes between factory employees and clerical employees.

Compiled at Tech

Data obtained from the survey will be compiled by the Caltech Industrial Relations Section and a complimentary copy of the final tabulations will be given all companies participating. Although copies of the final report will be sold to those who do not contribute information, such purchase will not be possible until four months after complimentary copies to participants have been distributed, Gray said.

nally intended to be realized.

"If, however, the students could succeed in getting materials rapidly and at a low rate, the problem would be a distinctly smaller one. This need is particularly urgent as far as building steel and waterpipes are concerned.

"Well knowing the brisk activity and good-will with which organizations and persons closely connected with the student corporation have worked for the realization of the plan for the Students' Village—this in Finland as well as abroad—the students face the future with confidence in spite of their present difficulties. We hope that the day will soon come when the students at the Finland Institute of Technology will be able to welcome the students all over the world to their new Students' Town."

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Associates' Tea Blacker Success

Bouquets to Sue Huck and assistants for making Blacker's Associates' Tea a resounding success. Also many thanks to Mrs. Goldsworthy for lending such a helping hand, and for some fine tips on etiquette.

Some of the light classics furnished a pleasant atmosphere for the guests and fellows as they gathered in informal groups around the patio. The tea table on the porch was fittingly decorated with flowers flanked by two silver samovars.

Even the lounge had its face lifted, not a book or newspaper was to be seen. Flowers adorned the mantel and tables making a most unusual, but very pleasing sight.

Theatre Party

This Saturday night Blacker is taking over "toute complete" the West Balcony theater of the Pasadena Playhouse. This will be the first time the Playhouse has sold out completely a theater to a single group.

HUGHES FELLOWSHIP

(Continued from Page 3)

Kansas City, Missouri, graduated at Caltech in 1947 and received a master's degree here last year. He had three years industrial experience as aerodynamicist and flight test engineer and is at present working towards a more advanced degree at Caltech. He lives with his wife and a daughter at 238 S. Wilson, Pasadena.

Start July 1

Stoolman and Hipsh will start the Hughes Fellowship program July 1 with a ten-week development project at Howard Hughes' plant, working with experienced engineers on "frontier" aeronautical problems, and will then be enrolled at California Institute of Technology, continuing their advanced projects at the aircraft plant on a schedule which will not interfere with study.

God!

Wife (to drunken husband): "Let's go to bed, dear."
Hubby: "Might as well. I'll catch hell when I get home anyway."

God!

A tricky gal, I'll tell you,
Was cute Mary Carters
A tempting smile on pretty lips
But mouse traps on her garters.

God!

Taken from a test paper in English literature: "A morality play is one in which the characters are goblins, ghosts, virgins, and other supernatural characters."

Scripps Exchange Set For Ricketts

Soft lights, women, and music will be featured Friday night by the Rowdies in an exchange dance to be held with the debonairs from Dorsey Hall, Scripps.

On the following Saturday night the BIG Fleming-Ricketts barn dance is to be held at Pat Doherty's famed and wonderful hunting lodge retreat.

Eddie Jackie and his talented sixsome will provide the music.

Contests

Cool refreshments will flow from adequate wooden kegs to the satisfaction of all.

Climax of the evening is the traditional crew race and flamer contest. At the Dabney-Ricketts barn dance the Ricketts team starred with a total of seventy seconds.

Dabney Plays Host To Business Girls

Entertaining at Dabney's party for Pasadena business girls last Friday night were the Poor Man's Burl Ives, Clark Brundin, Bob "just a minute while I put away my drums and get on my dancing shoes" Stanaway, and one of the best combos that has played a night's stand in the student houses in some time.

Rendition

Uulimbering his guitar and larynx (this is a process better seen than explained), Clark gave the gathering a most unique rendition of Frankie and Johnny and also a performance of Sam Hall which he will not be called upon to repeat at any time in the near future.

Nevertheless, Dabney was high in its praise of these fellows and the manner in which they transformed a possibly mundane record exchange into an evening of danceable rhythms and gaiety.

Resume

A resume of the weekend's activities in the southwest would not be complete without mention of the nothing-to-Westervelt-to-Markoff - to - courtyard room switch. Coming so soon upon the Walt-to-Waters-to-Walt episode such a trick should be taken almost philosophically by the subject; and yet one hesitates to record here Westervelt's change of verbal expression at viewing Markoff's displaced furniture and then the absence of his own.

CALTECH BARBERS

on California Near Lake

Schroeder Scores 16 Points As Oxy Wins Track 77-54

A strong Oxy track squad, undefeated in conference competition, took a dual meet from Caltech last Saturday in Tournament Park. The score, 77 to 54, matched the pre-meet predictions as Tiger depth rolled up points. The Beavers showed much improvement over last week, as a number of fine individual performances were turned in.

Meet Records Broken

All kinds of Tech-Oxy dual meet records were broken—seven in all. New records were set in the shot, mile, 220, 440, low hurdles, pole vault, and mile relay.

Schroeder, Tyson Win

Once again Dwight Schroeder of the Beavers was high scorer in the meet, as he took firsts in the high hurdles and broad jump, and seconds in the 100 and low hurdles. Schroeder's high stick time of 15.3 is his best to date, and he has been improving constantly.

Hal Tyson turned in fine performances as he won both shot and discus with marks of 47' 7 3/4" and 132' 1 3/4". He also took a third in the javelin for second high point man. Another encouraging event was the fact that Martin Walt is back in form after a couple of weeks of hard luck. Walt took the pole vault at 13 feet, and just missed his three tries at 13' 6".

Barnes Takes Half

Stan Barnes turned in one of his best competitive efforts as he took the 880 from Cotrel of Oxy, fighting him off in a terrific finish. Pete Mason, prepping for his dual with Livengood of Redlands this week, coasted to an easy win in the two mile. Mason has a terrific finish for this grueling race, and with the kind of competition he'll get from the Bulldog he should lower his time by quite a bit.

One of the most exciting races of the day was the final relay, as Beaver and Tiger raced around the track together, with Oxy barely nosing out Tech. The winning time was 3:24.4, with Tech's team clocked by the

Schussing with the Shoose

I guess that this will be the last article for this season. It has certainly been a wonderful year, with the best skiing in recent history. By now, however, except for the top of San Geronio, most of the snow is gone, and all of the Southland resorts have stopped their tows.

Elections

The big item of business for the ski club now is the election of new officers and the planning of the first work parties. There will be five officers for the club next year: the President, Secretary, Treasurer, Hut Manager, and Race Manager. We feel that there is a sufficient amount of work to warrant five instead of the present three men. Be certain to come to the meeting for the election of the new officers.

This meeting will be this Thursday night (tonight) in Ricketts House Dining Room at 7:15 p.m. Let's see a larger turnout than we had last year. The election is quite important, as is the planning of our work schedule. There should be a lot of interest among the Ski Club members. **SHOW UP!**

The last item of business concerns some lost and found items brought down from the hut, especially towels. If you are missing anything, you can check for it at room 10, Fleming, any evening just before or after dinner.

coaches at 3:24.8.

Redlands Saturday

This Saturday the Beavers journey out to Redlands for their final dual meet of the season. This is one the Engineers have a good chance of taking, the only trouble being that Redlands is strong in the same spots we are.

Results:

100: Strom (O), Schroeder (T), Shaller (T) :10.1.
220: Parker (O), Ruprecht (O), Katchurian (O) :21.6.
440: Parker (O), Ruprecht (O), C. Kamanski (O) :49.4.
880: Barnes (T), Cotrel (O), D. Kamanski (O) 2:01.4.
Mile: Lee (O), Cornelius (T), Marshall (T) 4:32.7.
2 Mile: Mason (T), Peterson (T), Miller (O) 10:28.7.
Low Hurdles: Strom (O), Schroeder (T), Marshall (T) :23.9.
High Hurdles: Schroeder (T), McClung (O), (tie) Pearson (O) and Schlegel (O) :15.3.

(Continued on Page 6)

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ARROW UNIVERSITY STYLES

Championship Hopes Climb With 5-4 Win

Netters Extend Victory String To Five Wins; Face Whittier Friday

Tech's Varsity netters maintained their league leading pace in conference competition with a 5-3 victory over Redlands last Saturday on the Tournament Park courts. Two decisive wins in doubles play clinched the match after a 3-3 split in the singles.

Alexander

Ed Alexander sparked the Beavers with successes in both his singles and doubles events. Displaying a well-rounded game, Alexander downed Redlands' Don Williams by scores of 6-3, 6-4. Then he teamed with Jack Martin to crush the Bulldogs' first doubles duo of Meyers and Williams by a 6-2, 6-2 count. Jack Poindexter continued his perfect singles record with an impressive 6-2, 6-4 win over Bob Knox, while Dean Blanchard forgot his troubles and trounced his opponent 6-4, 6-0 to fill out the singles wins for the Beavers. In the crucial second doubles match Sid Stone and Larry Nobles hit their stride in defeating the Redlands' team of Hull and Benjamin 6-2, 6-1.

Stone Loses

Sid Stone was downed 4-6, 6-1, 6-3 in a long first singles match against Monte Meyers of the visitors. The Engineer pair of Poindexter and Blanchard also fell by a 4-6, 6-4, 6-4 count in the third doubles contest.

This coming Friday afternoon the Beaver Varsity tennis team plays host to a strong Whittier squad who will be gunning to hand the Beavers their first conference defeat. In their last encounter the Engineers won by a 6-3 score but there were many three set matches which might go the other way Friday.

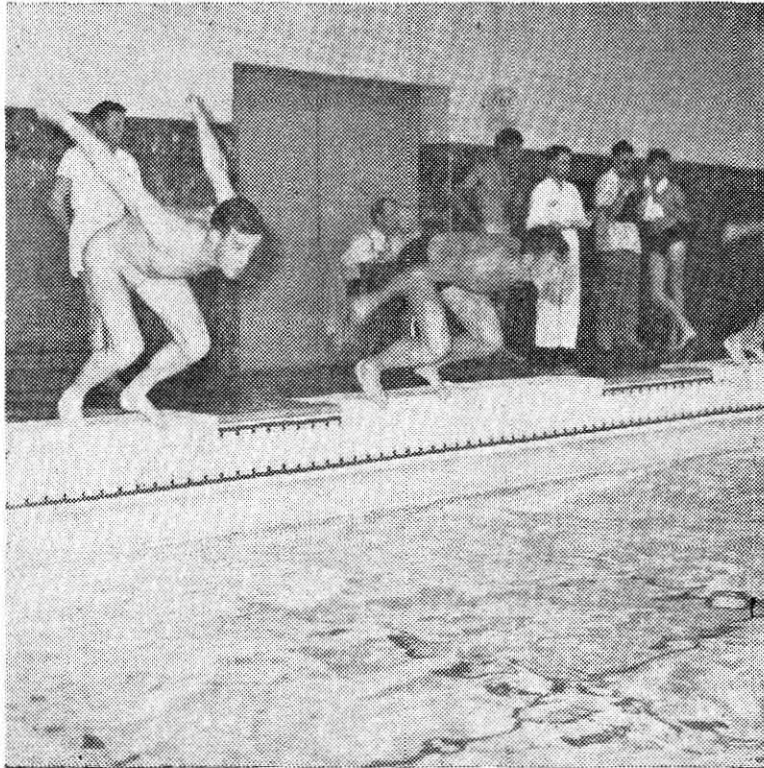
Summary:

- Monte Meyers (R) def. Sid Stone (CT) 4-6, 6-1, 6-3.
- Ed Alexander (CT) def. Don Williams (R) 6-3, 6-4.
- Jim Gordon (R) def. Larry Nobles (CT) 6-4, 6-3.
- Charles Hull (R) def. Jack Martin (CT) 6-3, 6-3.
- Jack Poindexter (CT) def. Bob Knox (R) 6-2, 6-4.
- Dean Blanchard (CT) def. Bill Stewart (R) 6-4, 6-0.
- Alexander-Martin (CT) def. Meyers-Williams (R) 6-2, 6-2.
- Stone-Nobles (CT) def. Hull-Benjamin (R) 6-2, 6-1.
- Gordon-Stewart (R) def. Poindexter-Blanchard (CT) 4-6, 6-4, 6-4.

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Beaver Sports

POISE!



Aquamen Joe Curray and Brad Houser are shown a few microseconds from complete immersion in the Redlands University tank. The two Beavers aided in the 64-11 Tech victory over the Bulldogs last Friday.

Talkin' It Over With The Goon

Happened to be munching a dry piece of toast the other morning with the Student Houses' own—Glen Green. Most of you might think that Mr. Green is merely a fashion plate placed by the faculty on campus to make some of the boys feel bad about their levis and T shirts, but actually the old boy is here to see that all of the athletes get enough broccoli. Anyhow, we were battling the breeze about the old time athletes and somehow the name of our favorite sports columnist came up — Braven "Sage Hen" Dyer.

"You know, Goon," Glen says, "Braven holds one of the major records out in Pomona? No one has even come near tying or breaking it. Yes sir, Braven holds the megaphone toss for distance. Happened a while back during an exciting moment in one of the Pomona-Oxy tiffs. He almost tossed it 25 yards."

And speaking of records you all probably read the writeups on the SC-Cal cinderfest last Saturday. It seems as if the "World's Fastest Human" ran in one or two events. In fact, in curt tones, the papers informed us that Pell Mel had been clocked by the Times for the 220 in 20.3, 20.3, 20.6, 20.9 and 20.9; and that moreover anyone could tell you that it was pretty nasty to only give Our Mel only 20.9 on the record books. What they didn't say was that the smog and fog was so thick that the timers could hardly see Bill Weaver, the starter, at the end of the straight-away, and moreover, that the blank shell didn't explode properly.

The three men who got Mel under 20.9 admitted to the recorder that they had timed on the basis of the sound and not the sight of smoke and asked that their times not be taken. When are our local tipsters going to wake up to the fact that a guy can't break the world's record every time he steps into the blocks. And I thought that Mel was just running for "laughs."

And speaking of laughs re-

(Continued on Page 6)

Caltech Nine Chokes As Oxy Scores 6-4 Upset Win

For six innings the Engineer nine had everything under control with Bruce Hedrick holding the Occidental Bengals to three hits and no runs. The game was going according to pre-game predictions with the highly favored Beavers out in front with four runs.

Five

But in the seventh Coach Bill Anderson's Tigers came to life to score five runs off Hedrick. Chuck Norman replaced Hedrick but the damage was done and the picture looked indeed dark for the Engineers. In the eighth the lads from Eagle Rock put the clincher over the plate with one more run to finish the contest with a 6-4 victory.

A win over Oxy would have given the Beavers a good shot

at the conference title, but hopes are now dim with two games with Redlands still to be played. But a clean record from now on could mean the title for a much improved Beaver nine.

Occidental	ABHOA	Caltech	ABHOA
Harper, cf	3 2 8 0	Patterson, cf	5 1 0 0
M'kenzie, ss	5 2 3 3	Stalk'p, 2b-ss	6 3 2 1
Man'g'n, lb	5 0 1 0	Norman, ss-p	4 3 1 1
Rinehart, lf	4 2 2 1	Morrison, lf	1 0 1 0
St kem'n, rf	1 0 0 0	Smith, rf	2 0 3 0
Lee, rf	2 0 0 0	Clark, 2b	1 0 2 2
Lazzarini, rf	0 0 0 0	Petrulas, c	4 1 8 1
Hall, c	4 1 3 0	Neverman, lb	2 0 3 0
Wilkin'n, 3b	4 2 0 2	Hedrick, p-rf	3 0 0 1
Galassi, 2b	4 1 1 5	Kam, rf	1 1 0 0
Schultz, p	0 0 0 2		
Sturdev't, p	3 0 0 1		
Totals	35 10 27 14	Totals	31 8 24 10

Errors—Pfeiffer 2, Stalkamp, Neverman, Harper, Rinehart, Wilkinson. Winner—Sturdevant. Loser—Hedrick. 2-Base hits—Stalkamp, Patterson, Rinehart, Mackenzie. Sacrifice hits—Smith. Bases on balls—Off Hedrick 4, Schultz 3, Sturdevant 2. Struck out—By Hedrick 3, Norman 1, Sturdevant 3. Double plays—Wilkinson, Mackenzie, Manoogian.

Mermen Score Loop Win Over Bulldogs

Engineers Have Easy Time In Winning 64-11; Curra In Good 440

Last Friday there were a certain number of beaks among the members of the swimming team. It seems that the first day for a meet that was at all warm had come along only to find Tech's mermen journeying to Redlands for the only indoor meet on the season's schedule. Maybe this attitude had something to do with the results. The local boys literally dove into their work and proceeded to wax their opponents. During the course of the afternoon the Redlands team managed to scrape

Frosh Sports Roundup By Leon Michaelson

Events in Frosh sportdom this past week shouldn't happen to a proverbial canine. Dropping for the count in track, baseball and tennis, the Tech Tots held their head above water solely by a rout of Redlands in swimming.

Swimming

When Frosh swimmers left Redlands Friday afternoon, there was a Bullpup team that knew they had been in a race. The flashing scoreboard's confirmation of Tech's 32-4 victory was enough to add a few inches to anybody's chest expansion. If we're not careful we'll have a champ squad of swimmers on our hands this year.

Paralleling the matches of last week, Little Beaver racketmen dropped a 7-2 tennis contest to Redlands. We heard it rumored that a 101 degree mercury existed most of the afternoon, but perhaps that was good for any extra pounds that anybody may wish to dispose of. Ed Welch, how're you doin'? Tracy came through with the Frosh's only singles win while he and Hyman teamed up to take a sparkling doubles victory.

Tearing off a 5 run lead in the first frame, Oxy Tigers cashed in on two more innings to drop the Beaver nine, 12 to 1. From our position behind the plate, we saw a visiting chucker pitch a few pretty fine curves, effectively putting the team's very good batting average into a slump. After the first inning, pitcher Norm Gray, still nursing an early season ankle injury, settled down to a row of goose eggs for the foes only to have them chalk up 3 in the fifth and three more in the 8th.

A bunch of rabbits came over from Occidental Saturday and entered the track meet against the Frosh. A near 60 points parted Oxy and Tech when the last gun echoed through Tournament Park as fighting Frosh cindermen recognized the Tiger's better than average year.

together one first—diving—and six thirds for a grand total of 11 points, against 64 for Tech. The Frosh did all right for themselves too. Due to Redlands lack of strength they only swam four events but yet managed to amass 32 points to Redlands 4.

Everybody

Everybody seemed to be having a gay old time—Monty swam a 220 and 440 just for the exercise while Hall and Fairall took over the back stroke department. Houser and Waters ground out the 220 in the place of Libbey and Curray. Joe came through later in the 440 with the best time turned in by a Tech man this year. Boicourt showed championship style in winning the breaststroke. It was a great day for Tech's swimmers.

Pomona

This afternoon the greatest swimming team that Tech has had this year will meet with Pomona in the PCC pool. The Beavers managed to beat the Sagehens in their last encounter and it promises to be a splashing success. See you all this afternoon at 4:30. There is a rumor that Gloria Murphy swims at the pool on Thursdays—some people will say anything to get some spectators.

The results of the Redlands meet:

- Medley relay, Tech (Fairall Reed, Harris) 3:40.1.
- 220: Houser (T), Waters (T), Cox (R) 2:46.4.
- 50: Harris (T), Echner (T), Holmes (R) 26.3.
- Diving: Yonkers (R), Reinecke (T), Merten (T).
- 100: Echner (T), Waters (T), Wheeler (R) 1:02.2.

(Continued on Page 6)

Blacker Scores 12-0 Win Over Dabney To Lead Football

Blacker's six man grid squad continued on their winning ways in the interhouse football league with a 12-0 decision over Dabney, Tuesday. A second quarter circus catch in the end zone by lanky Art Bruington accounted for the first score while Johnny Mosich took a Darb punt across paydirt in the final seconds of the game to complete the scoring.

The crucial game of the series will be fought next week when Ricketts squares off with Blacker in a rain-delayed game. A win for either will determine the touch football champs of this season.

Standings as of Tuesday night:

	W	L	T
Blacker	2	0	1
Fleming	2	1	1
Ricketts	2	1	0
Dabney	2	2	0
Throop	0	4	0

The results from last week:

- Fleming (18), Throop (0)
- Ricketts (14), Dabney (6)
- Blacker (0), Fleming (0)
- Ricketts (18), Throop (0)
- Blacker (12), Dabney (0)

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For Smoothness and Styling—Russ Morgan's "Forever And Ever" —A NEW DECCA DISC



IT'S CAMELS FOR ME, PAT — FOR TASTE AND MILDNESS!

THE 30-DAY MILDNESS TEST WON ME OVER, RUSS. CAMELS ARE SO MILD!

Styled in the Morgan manner, "Forever and Ever" is dance-tempting. Russ likes smooth music and mild cigarettes. "Camels" —says Russ—"they're my idea of a mild, fine-tasting smoke!"

for Taste and Mildness
Camels!

In a recent coast-to-coast test of hundreds of men and women who smoked Camels, and only Camels, for 30 days, noted throat specialists, making weekly examinations, reported

NOT ONE SINGLE CASE OF THROAT IRRITATION due to smoking **CAMELS!**



Russ Morgan and his lovely vocalist, Pat Laird, talk over the Camel Mildness Test
R. J. Reynolds Tobacco Co., Winston-Salem, N. C.

Christian Group To Present Assembly

The Caltech Christian Fellowship will present a program during the assembly period on Monday, May 9. This meeting will feature a speaker well known in the Christian Church for his broad knowledge of the Christian Literature and Doctrine.

The Fellowship group was organized last year to provide an opportunity for Bible study and discussion of Christian principles. Meetings are held on Wednesday and Friday at 12:30. The group is non-denominational.

UPPERCLASSMEN

(Continued from Page 1) guests, so the party also affords the opportunity of meeting them socially.

So give it a go, men. Put on your best Sunday-go-to-meeting duds, and have your wives, sweethearts and girl-friends don their prettiest afternoon or party dresses, and hie yourselves to Dabney Gardens this coming Sunday afternoon, May 1, from 2:30 to 5:30 p.m.

Invitations

Invitations for this affair are available to those who desire them. They may be obtained from Chuck Forester, in Ricketts House, or from Bob Stewart, in No. 38 Dabney House any time before the party.

MERMEN DRUB

(Continued from Page 5)
 Breast: Boicourt (T), Reed (T), Henning (R) 3:02.1.
 Back: Hall (T), Fairall (T), Jones (T) 2:02.1.
 440: Curray (T), Houser (T), Cox (R) 5:47.9.
 Relay: Tech (Eschner, Waters, Johanson, Harris) 4:21.0.

GAD!

Timid husband: "I want to get a corset for my wife."
 Clerk: "What bust?"
 T.H. "Nothing, it just wore out."

Gad!

We call our professors 'profs,' but what in the world can we call their assistants?

Gad!

"Early to bed and early to rise—and your girl goes out with the rest of the guys."

Gad!

From life's book of tears and laughter I have gained this little bit of lore—"I would much rather have a morning after than never have a night before."

Gad!

"About all a Scripps girl knows about a needle is that you have to change it on a phonograph."

Classified Ads

FOR SALE—Portable television set. Works very good. Complete with carrying case, aerial and magnifier. 29 Dabney, Sy. 2-9617.

Campus Barber Shop
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FOUR-DAY LAUNDRY
 902 East California Street
 (4 Doors East of Lake)
 SY. 3-6704

CAMPUS BREWINS

(Continued from Page 2) and Gaud knows where, got so interested in their work that they played the rest of the evening—good, too.

OPEN ROAD, OPEN SKY

The wander lust seems to affect even the less animate (but not Schmipps) objects in the area, too. The other night Danny Markoff's whole room, door, medicine cabinet, and everything, migrated out into the Dabney court to form a homey little scene to greet him upon his return from the East. Moving was made more difficult by the fact that Westervelt's room had drifted up into Danny's. Earlier in the week Al Hook's room had wandered even farther afield and was found huddled in the Fleming court.

Suspecting some connection, Pope Markoff castigated said Hook horribly for his past sins in as stirring a Bull as we have ever seen delivered. Hook's major sin was (we hate to say this) to pin his sacred Dabney House Republican-type Pin on on Valerie (Widge-the wedge) Pattison's uh, person. Needless to say,

SCHROEDER

(Continued from Page 4)
 Shot Put: Tyson (T), Levin (O), Thompson (O) 47' 7 3/4".
 Discus: Tyson (T), Pearson (O), Locher (O) 132' 1 3/4".
 Javelin: Pearson (O), Rheinechild (O), Tyson (T) 153' 0".
 High Jump: Rheinechild (O), (4 way tie for 2nd) Heggland (T), Alder (T), Soule (T), and Pearson (O), 5' 9 3/16".
 Pole Vault: Walt (T), Bereckoff (O), (tie) McMurry (O), and Pike (O) 13' 0".
 Broad Jump: Schroeder (T), Schlegel (O), Golden (O), 21' 3/8".
 Mile Relay: Occidental (Cotrel, C. Kamanski, Lee, Ruprecht) 3:24.4.
 Final Score: Occidental 77, Caltech 54.

he was excommunicated, and told that none of Schuster's cut-rate indulgences would save his black, tattered soul.

This woman, whose eyes glittered for Hook's soul, is the one of **The Naked and the Dead** reviewing fame, and is currently running for editor of the Schmipps glazed white weekly on an anti-Tech platform. Well, if she was good enough to be editor of the Perry-Mansfield Pine Bark, she should be able to handle this job easily.

These gestures of tolerance by a few misled members of Dabney are giving the whole house an evil reputation, and the vast majority of the men in the house hasten to assure us that these individual aberrations do not (the bold-face is theirs) mean that said majority is not standing behind us, four-square and rock-ribbed.

GAD OR EVEN EGAD

The Beavers held a meeting in the rarified atmosphere of the very house of **PRESIDENT DUBRIDGE**, and report a grievous discovery. It seems that the occasion arose for Carl Fox to make a number of multiplications and divisions to evaluate a vote that had been taken, and he naturally desired the use of a slide rule. He went to the Great Man and requested the use of one of his slide-rules.

A thorough search revealed that he, the head of what is probably the greatest concentration of reciprocating computers in the world, did not have a single one of these indispensable

instruments in the house. Alas, alas, alas.

Faux pas of the evening was when Hayward, while enjoying the hospitality of the President's brews and salami, deposited a large glob of mustard on the ankle deep, pre-war carpet in the dining room. We hasten to assure you that Mrs. DuBridge was once a Home Ec teacher, and doubtless knows 1001 ways to take mustard out of a rug, so fret not, Hayward, you'll probably still graduate.

Although daughter DuBridge was not in evidence while the depraved Beavers were infesting the place, she has been seen lately. She is now attending the Schmipps-equivalent of a prep school, and the redoubtable Al Haber has been keeping company with her. Was last seen at the Lemming's Carnival, and we thought we saw them at Santa Anita Saturday.

THOSE WE LOVE

Schmipture: "If you find Browning puzzling and intriguing, we suggest the Saturday program . . ." From the Tech attendance at said program, we gather that while the troops may find that group to be the former, they evidently do not find it to be the latter. We sadly point out an exception to the above, however, as the former Bill Muehlberger is soon to become Mr. Bill Muehlberger and wed Browning Salley Provine. Why, I saw him only last week, and he looked as healthy and happy, but now he's—sob—gone.

Also engaged, and at that same

fox-pit, is John Heath, Blacker's Bluenose par excellence and high potentate of the Holier-Than-Thou-Society, to a last year's model yclept Nancy McDermott. It's against our policy to congratulate couples on becoming engaged, even to other girls. This is Heath's second attempt in two years. Carrying on will be Myron Arcand, of the Blacker Social and Morals Committee, who was seen morosely waiting 45 minutes in the Toll parking lot for his better half, Floyd Humphrey, who was somewhere within saying gallant (and beaucoup) good-nights to his (Floyd's) date.

Johnny Moss tired of the local substitutes for his gal in Berkeley, so he and Tom Benson (also attracted by a flame in the north) took a romp to the other side of Wilson Ave. Sunday night they dragged very tired but satisfied physical wrecks back to the Monastery.

O THEM GOLDEN SLIPPERS

The to-hell-with-shoes-buy-better-booze campaign continues, as more and more delicate pedal extremities are being covered with Official Boy Scout mocassins. This footwar seems to trek up to the quarter cocktail club, the campus' fastest growing institution, at the Track. The only trouble that the members seem to have been having arises from an utter disregard for the time limits on the cut-rate tariff—King, Sereno, and Bowen extended the hour long affair into an all evening binge.

"L.D.," the longest alley around these parts, has made Ricketts echo to the cacophony

TALKIN' IT OVER

(Continued from Page 5) minds me that the golf team finally won a conference match. It was rumored that Pete Smith wanted to sign up the divot diggers for a comedy short entitled "Why Don't You Try Gin Rummy Instead?" Alcoholics Anonymous finally got a hold on Ed Revay. They put milk in the fifth that Ed usually carries nestled in between his putter and driver. This so upset Ed that he proceeded to win match and thus shock the rest of the boys into a victory. Sterling Steve Pardee who has taken over Stokely's place as the most amplified man in school managed to turn in a semi-credible game this time. If the kid keeps trying as hard as he has been there is likelihood of his developing into a good golfer.

As for the Baseball team—gasp, cough, gurgle, awk, choke.

of a North vs. South civil war. The North end represents the purity league, with penny fines for evil utterances. Merton has been earning a reputation as Copperhead. Where can one guy get all those foul expletives—a and pennies? To keep up the Rowdie reputation, Crud Alley has instituted a counterpart of the Purity League, calling for a fine of a round of brew for any man uttering two sentences in printable terms.

Note from Schmipture's ads regarding wild oats: "If you would like something different to sew, see our Yardage—90c a yard." Courtesy of Claremont Hand Prints.

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