



Only three  
more days  
till Halloween

# California Tech

Associated Students of the California Institute of Technology

Be careful: the  
Great Pumpkin  
dwells among  
the Eucalypti.

Volume LXVII.

Pasadena, California, Thursday, October 28, 1965

Number 6

## Nobel Laureate Feynman Tells Of Hectic Day

by Stu Galley

Dr. Richard Feynman was the unofficial guest of honor at the regularly-scheduled tea in the physics library, just prior to the Physics Research Conference on the afternoon of the announcement of the 1965 Nobel Prize in physics.

That bright Thursday afternoon saw your friendly roving reporter deftly hiding a tape recorder under his shirt and inconspicuously holding a microphone in his teeth, trying to save for posterity what choice tidbits he could that jumped from the mouth of this eminent man.

### Silly questions

For example, someone would ask him, "What are you going to do with the money?"

Feynman: Oh, yes, that's the big question. They start off, y'know: "Most of our audience wouldn't understand what you did, but they do understand that you have the money. What are you going to do with the money?" So I had to try various jokes, like, "My wife is deciding that." Or then I decided that wasn't such a good joke, so in the big interview I had in the Athenaeum, they asked me: "Is your wife gonna decide that?" You know, big joke. So I said, "NO, sir. I'm gonna decide that." I don't know what I'm gonna do with it. They ask the same question all the time.

### Tax dodge

Somebody: The money is tax-free, is it not?

Feynman: Yeah; quite. So I got a very good idea: I'm gonna use it to pay my taxes for the next three years. Then think how much income I get tax-free! More! Then I could use that to pay my taxes for the next year, and I could go tax-free longer and longer. (Pause.) Yeah, that's the good part about it.

Somebody: How much is it worth?

Feynman: I think it's one-third of \$55,000. Course, it's not the money, it's the principle of the thing!

Feynman, having spent about  
(Continued on page 2)



Groveling frosh humbly seeks physics inspiration from Oracle of Feynman at Dabney.

## Orgiastic Celebrations Planned For Interhouse

by Middleditch

With the gala orgiastic celebrations of Interhouse still more than three weeks off, the Student Houses are leaving no stone unturned in thinking up new and fantastic ideas for the event.

Next Tuesday, November 2, there will be a meeting of representatives from each House, with E. E. Taylor, B&G, and the campus police force also present, to determine some matters of basic policy. Hence, every House will have to decide what they are going to do before Tuesday noon.

### Early birds

Lloyd and Fleming are nearer to total readiness than any of the other Houses. Committees from Lloyd have already been formed for the construction of a grand Parisian theme. Couples will enter under the Arc de Triomphe and stroll along the typical Parisian street complete with sidewalk cafe and art exhibit. Under the impressive Eiffel Tower, there will be a celebration including a discotheque with a live band. (?) Construction will be directed by "Kings Interhouse" Gary Berman and Ron Peterson.

Fleming will charge on with a medieval theme which includes transforming their House into a large castle. Couples wishing to enter the domain will have to cross the moat which will be located somewhere off the olive walk . . . Once past the fierce dragon there will be a mead hall and a throne room for those who desire regal surroundings. The entertainment will be a show which may include a singer and usually quite a bit of variety similar to the Fleming Interhouse shows of the past years. George Sharman and Ed Kelm are in charge of the program.

### Undecided

Ruddock was still in the planning stage as of Monday night. However, two themes seem to predominate. A Hell theme would be convenient in so far as very little would have to be done to this campus to achieve total reality. Another theme being considered is a Journey to the Center of the Earth (inspired due to its recent television debut). Social chairmen Ed Seguire, Bill Bloom, and Rob Dickinson are directing the developments.

## YMCA Conference Outlines Problems

by Fred Brunswig

"Hey Dr. Vogt, how come you're such a bum?" On this moot point, the annual Caltech Planning Conference was punted into orbit over last weekend. Among topics discussed were how to formalize relationships between students and faculty. Vogt claims that a question like the one above will throw a person off guard for a moment. By the time he defends himself, you've broken the barrier of formality.

The annual conference is an attempt to bring out the needs of the Caltech student. At past con-

ferences such notable events as "The Leaders of America Program" and ASCIT Coffee Hours were fomented.

This year, in three independent groups, the discussion gravitated to one theme. The relationships students have with faculty, with girls, and with the community are narrowly channeled. There is a great need for involvement with faculty and community on a non-professional, informal basis.

### Horny Teckers

There is little emotional while at Tech, since Tech students seldom develop a close relationship with a girl. It seemed clear that a daily contact with women is necessary. Present activities of standing on the corner watching "it" go by aggravate the need. Thus the often touted possibility of a nearby girls school was brought up. Following the initially derisive discussion the subject drifted onto a serious foundation as it became apparent that an overwhelming number of those present had given the idea serious consideration. Specifically, past cases were cited where donors had considered funding such a project. Suppose instead of laughing off the idea as hopeless, we had let our interest be known: Pitzer might today be sitting on Arden Road.

### Bashful faculty

There are a host of possible programs which could successfully overcome the presently formal relationships between students

Blacker met Tuesday night to discuss the possibility of an Alice in Wonderland theme. It is rumored that the courtyard will be turned into a maze which will include over 1000 feet of winding path. (Just who will play the role of Alice is an interesting speculation.)

Ricketts will meet tonight in order to hassle over whether or not to have Interhouse, and if so, what? Pro-Interhouse and anti-Interhouse factions are expected to liven up the meeting. Page is planning on starting after midterms; however, a meeting was

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(Continued on page 6)

## Martha Schlamme Sings Weill Songs In Beckman

by Joe Jeffrey

Folk singer Martha Schlamme will treat Techmen to a concert in Beckman Auditorium on Saturday, October 30, at 8:30 p.m. Her program, "Songs of Many Lands," will feature the music of Kurt Weill, a German composer of tremendous power. Schlamme is one of today's brightest stars of night club, concert, and TV appearances. She does not sing in the nasal, twangy-guitar style common to folk singers today, but in the manner of a concert singer.

Miss Schlamme's repertoire is truly international, including Yiddish, German, English, Spanish, and Russian songs. What is more important than the simple fact that she knows the songs, is that she does not merely repeat them. She uses her voice, gestures, and bold, pithy, clear explanations to truly bring her songs home to the audience. She fills her listeners with the mood and meaning of the song, and does such a magnificent job that language barriers completely disappear. She is warm, intense, mischievous, exciting, tender, vivacious, all as the song demands.

Critics' comments have varied from "great" to "magnificent." The London Times stated, "The single great success of the festi-

val fringe at Edinburg last year was Martha Schlamme." The Scotsman wrote that their sole complaint about the Festival was that "Martha Schlamme's appearance was all too brief."

Schlamme, a soprano, was born in Vienna, but the Nazis chased her Jewish family to England in 1938, after which she spent two years in a camp on the Isle of Man. By the time she came to the US in 1948, she had a very wide selection, but had some very little singing other than to Ha-

(Continued on page 3)



Martha making grande Schlamme.

## Tech's Nobel Winners

by Mike Meo

Noted bongo-drum artist Richard Feynman has become the seventh member of the Caltech faculty to receive the Nobel Prize, the third to win it in physics. He has been a member of the Physics Department since 1950, and a member of the National Academy of Sciences since 1954. The work, however, for which he received the prize was done while he was professor of physics at Cornell, from 1946 to 1948. Presently on Caltech's staff are three other Nobel Laureates, Drs. Carl D. Anderson, Linus Pauling, and Rudolf Moessbauer. The history of Tech's prizewinners is a long and illustrious one.

### Millikan

Caltech's first Nobel Laureate, and indeed the man often regarded as the real "father" of Caltech, was Robert A. Millikan, to whose memory the eucalyptus grove is now dedicated. His

epochal oil-drop experiment is repeated by all freshmen in Bridge Lab nowadays, the very building which he used to call "a monastic cloister." He held the posts of Director of Bridge Lab and President of the Institute when he was chosen for the Prize.

### Morgan and Anderson

Thomas Hunt Morgan won the Nobel Prize in medicine in 1933, while he was Chairman of the Division of Biology. His work with the inheritance traits of the garbage-can variety of housefly won him the title of the founder of the "fly school" of genetics. Morgan, regarded as one of the greatest biologists of all time, stayed at Caltech from 1928 to 1944, a year before his death.

The first graduate of the monastery to win the Nobel prize was Carl D. Anderson, who discovered the positron and the mesotron.

(Continued on page 2)

## Notices

### THE ESQUIRE THEATRE

is again offering the "25-cent Tecker special." An ASCIT card is all one needs to partake of excellent cinema at this cheap price. Let not Dr. Huttenback's labour be in vain!

### SENIORS!

Deadline for returning Big T proofs is tomorrow. Turn them in to Dave Shirley in 27 Blacker or at the Big T office in Winnett.

### CHRISTIANS, MEET!

Dick Anderson, minister of youth at the Lake Ave. Church, will speak on "Justice vs. Mercy" Friday noon in Chandler. Meals may be transferred.

### THE PRIDE AND THE PASSION

in color, featuring Sophia Loren, Cary Grant, and Frank Sinatra, will be presented in Culbertson this Friday at 7:30 p.m. as part of the Culbertson Film Series. Admission is at the door for 40c or with the presentation of a term or season pass.

**BEWARE THE MUDEO ! ! ! ! !**

## Editorials

## Tech Is a Crock?

"It is important to the national interest to have many good universities, and it is desirable for every college and university to get a little better. But it is equally important that there be a few institutions of really superb quality. We must, for the sake of future generations, have a few outstanding leaders, a few institutions that are blazing the trails of the future."

Lee A. DuBridge

Caltech is trying to meet this commitment and has succeeded admirably in scientific fields; but in some aspects of student life there remains a serious problem. It can be corrected without impairing Caltech's scientific excellence.

Most students are aware that a problem exists, but do not quite understand what it is. How often is the phrase "Tech is a crock" used? Students gripe, but about symptoms, without realizing that these are **only** symptoms of an underlying problem. Up to now, any solution offered (e.g. abolition of frosh grades) would treat these symptoms but would not cure the disease.

At last week's Y Planning Conference an attempt was made to understand the fundamental problem. What really disturbs students is their environment. This includes their courses, their physical isolation, and most important, the mental atmosphere in which they are suffocating.

Before they get here most students expect the school to be vibrant, alive, and exciting, not only scientifically but also culturally. They are disappointed. For example, take a typical entering freshman. Just out of high school he is generally emotionally and socially immature, since he lives in an intellectual, self-centered world. He arrives here and is immediately struck by two things: his course material is dull, grungy, and time-consuming; the upperclassmen he meets are dull, grungy, and apathetic (or else actively obnoxious). Our student is isolated from differing viewpoints and so has little opportunity to mature.

Some people, notably students who attended the Planning Conference, have already proposed solutions. Why don't **you** consider the problem and possible solutions?

—Norton Greenfeld  
Bob Berry  
Tim Hendrickson

## Glorious Laureates

(Continued from page 1)

He was a member of the class of 1927 here, received his doctorate here in 1930, and has held one post or another since then. Presently Anderson is Chairman of the Division of Mathematics, Physics, and Astronomy.

The only man ever to win two Nobel Prizes is Linus Pauling, who might also qualify as one of the most controversial Laureates. Pauling won the chemistry award in 1954 for his work on the nature of the chemical bond and protein chemistry while at Caltech; he received his PhD here in 1925 and joined the faculty in 1926. The Peace Prize was awarded the year before last, and it clinched his decision to leave Caltech to join the Center for the Study of Democratic Institutions. He remains a research associate, though.

## Moessbauer

Rudolf Moessbauer won the Physics prize in 1961 because of his discovery of the effect named after him. Essentially, the effect is simply an accurate yard-stick which enables physicists to measure precisely the effects of nat-

ural forces such as gravity, electricity, and magnetism on such small particles as photons or nucleons. Moessbauer now spends half his time at Tech and half in Germany, helping to found another scientific institute.

Richard P. Feynman, the latest addition to this distinguished list, continues to work on his quantum theory of the gravitational field. He can add his Nobel Prize to the \$15,000 Albert Einstein award which he won in 1954, the Richard Chase Tolman Professorship, the E. O. Lawrence award, and the Royal Society Fellowship.

## Alumni

Caltech's Alumni have shown an outstanding proclivity to stud the Nobel prizelists, too. Among the three co-winners of this year's medicine prize, Lwoff, Jacob, and Monod, the first two were research fellows at CIT, while the third visited Tech for a while. Besides Anderson and Pauling, McMillan and Glaser of Berkeley, chemistry and physics laureates, respectively, did graduate work here, as did Townes, who won the 1964 physics prize.

## Coin Club Collects Sheckles

by Steve Alfin

Do you like money? Do you like to look at money? If the answers to these questions are "yes" you should join the Coin Club. Organized a few years ago for the purpose of trading, discussing coins and their histories, and just looking at specimens, the Coin Club usefully channels the "home movies of the baby" syndrome in numismatists by allowing them to show off their prize coins.

## Number one hobby

"Coin collecting has surpassed philately as the country's number one hobby," stated Dr. Marshall Hall, professor of mathematics and advisor to the club. "It combines three separate interests: historical, aesthetic, and pecuniary, because a collector with an eye for good coins can hardly help making a profit." Hall distinguishes, however, between the collector who retains a relatively small number of rare coins for enjoyment, and the speculator who contributes to the coin shortage and artificially inflates the trade market by holding out huge lots of assorted coins to sell to new waves of collectors.

## Pretty money

Anyone who has looked at the Mercury dime or the medallion-like Kennedy half dollar will appreciate the aesthetic appeal of numismatics. Whoever doubts the historical interest of coins should listen to Hall talk about American or British coins. A few items of note:

The US has, at odd times in history, issued a silver half-dime (or half-disme). A three-cent nickel, a twenty-cent piece, a two-cent piece, and a half-cent piece, all of which are legal tender today.

Prototypes of the new "sandwich" coins are now being struck in small quantity; all bear the image of Martha Washington.

The odd English denomination, the Guinea (worth a shilling more than a pound), originated accidentally. Influences from the continent made it impossible to retain a fixed relative value for a gold pound coin in a silver standard system, forcing the government to recognize it as a legitimate denomination.

Dr. Royal W. Sorensen, 83, internationally known electrical engineer, inventor and professor of electrical engineering emeritus at Caltech, died Wednesday at his Pasadena home after a long illness. Dr. Sorensen had served the institute more than a half century—longer than any other faculty member. Dr. Sorensen planned and designed the equipment for the first American million-volt cascade transformer system and laboratory, built at Caltech. Services will be held at 2 p.m., Friday in the First Baptist Church of Pasadena.

## Win Big, RF!

(Continued from page 1)

12 hours (since 4 a.m.) posing for photographers and trying to cope with reporters, was tired but glad to be among friends again. He did have some interesting experiences, though.

Feynman: This man from the **Times** came to photograph me. He was taking a lot of pictures, and he was talking, see — he thought I should be talking while he was taking the pictures. He asked me, "What did they ask you?" I said, "Well the hardest one they asked me was to explain in a few words—you know, what the damn thing is about." So he says to me, still taking pictures [Feynman makes camera motions with his hands, about one picture every second]: "Hell!" he says. "If you could explain in a few words what it was all about, it wouldn't be worth no Nobel Prize!" So now I know the answer. That guy was great; he was really somethin', this cameraman from the **Times**. Like a whirlwind he came in, jumping up and down—he was trying to keep me alive, making all these jokes and everything.

## The road

Somebody asked Feynman when he was supposed to be in Stockholm for the award ceremony.

Feynman: The tenth of December. [To Dr. Anderson] Oh, I wish to apply for leave.

"Hey, who's the cat with the bongos?"

Dick Feynman.

Teach here?

Yeah.

Nobel Prize?

No.

Guess it don't take brains to play a good bongo."

—From the October 3, 1957  
**California Tech**

Anderson (Chairman of the Department): You have to fill out the **form**, see?

This prompted both Nobel Laureates to think about the magnificence of the ceremony itself.

Feynman: Oh, I'll have to get a borrowed tux somewhere.

Anderson: Tails.

Feynman: Tails!

Anderson: Tails. And you have to have a tall silk hat. Get the collapsible kind, that you can sit on. You can get them in Stockholm. You can rent them all there.

Feynman: Y'know, I'll put it on

and think to myself: here but a few years ago stood Anderson.

Anderson: Many years; many years.

Feynman: In this very suit!

Anderson (indicating waistline): The years have taken their toll.

Speaking of Sweden, Feynman had another tale to relate to the Editors of the **Tech** at their private interview Thursday night. In his own words:

## Long drink of water

There's a Swedish girl, Ingrid, in the News Bureau. And she's often kidded me about how I was going to win the Nobel prize, telling me I would have fun dancing with the princess. So the various news services call up today and try to find me and ask her questions to get information. And so this Swedish newspaperman asks a couple of questions and says, "Are you very excited there?"

"Oh, yes, we're terribly excited. We're so excited we're all beginning to talk Swedish!"

## Percy Speaks To Tech YR's

Charles H. Percy, Republican candidate for Governor of Illinois in 1964, will address the Caltech Young Republicans next Tuesday at 3 p.m. in Winnett Lounge. The title of Percy's speech is "A Businessman in Politics."

Percy, who is a Caltech Trustee, will be in Pasadena for a series of speeches and for the National Meeting of the Caltech Board of Trustees. He is unusually well qualified to speak on this topic, as he is chairman of the board of Bell & Howell and has held several key positions in the Republican Party. He is also a Trustee of the University of Chicago and a former Board Chairman of the Ford Foundation's Fund for Adult Education.

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## California Tech

Published weekly during the school year by the Associated Students of the California Institute of Technology, Incorporated.

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California Tech, 1201 East California Blvd., Pasadena, California 91109. Represented nationally by National Advertising Service, Inc.

Second Class postage paid at Pasadena, California. Printed by Bickley Printing Co., 25 So. Fair Oaks Ave., Pasadena—SY 2-6594. Subscriptions: \$1.50 per term, \$4.00 per year. Life Subscription, \$100.00.

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**More Martha**

(Continued from page 1)

dassah clubs and other such organizations, using a completely Kosher diet of Yiddish and Hebrew songs. Since then she has come a long way, but record stores are still likely to stock her four albums of international songs in the Jewish section. The suffering of the Jews is central to her singing, and she finds Weill "a cultural soul-mate." It is a measure of her tremendous power that Schlamme is the first singer to challenge Weill's widow's artistic claim to his songs.

As usual, tickets are available to Teckers at \$1.00 off regular price, with a limit of two tickets per person. The tickets are available at the Beckman Ticket Office. At these prices, and that quality, you can't lose.

**Human Relations Conference Soon**

The annual Camp Hess Kramer Conference on Human Relations, sponsored by the Los Angeles County Commission on Human Relations, will take place this year over the weekend of November 19, at Camp Hess Kramer, located on the Pacific Coast Highway north of Malibu.

Workshops aimed at the development of what might be called human relations sensitivity will take up the major part of the weekend, although there also will be an opportunity to discuss campus human relations and civil rights programs, as well as time for recreation and informal discussion.

Three full scholarships, valued at \$50 each, are available to Teckers. For further information and application forms contact Tom Huff at the YMCA office before November 10.

**How The BOC Works**

by the BOC

In the past there has often been very little communication between the Board of Control and the student body. This has been done primarily to protect those individuals who appear before the Board, and — to a lesser degree — to free the Board from the precedence of past cases. Another by-product of this limited communication between Board and students, however, is a general and widespread ignorance of the manner in which the Board of Control conducts itself when hearing cases. In an attempt to rectify this problem, we are presenting here a sample case and the sequence of steps that the Board takes to see this case to the finish.

**Four phases**

When there is suspicion that a violation has been committed, the work that the Board of Control

must do falls into four phases. Phase I is the investigation by the ASCIT Vice-President of the suspected violation which has been reported to him. Suppose, for instance, that an individual — whom we shall hereafter call A — walks into his room and finds that his roommate — whom we shall call B — is taking a "closed book" midterm with his textbook open beside him. Suppose, further, that B claims that he didn't notice the book open and that he had not used it during the test. A tells B to turn himself in to the BOC, and when B refuses and hands in the test as if nothing had happened, A reports the suspected violation to his House's Board member, who immediately relays the information to the ASCIT Vice-President.

Upon questioning A, the Vice-President can call a meeting of the BOC if he feels that a violation of the Honor System may have been committed. At the on-

set of the meeting, Phase II begins. Without mentioning any names, the Vice President relates to the Board members the pertinent facts of the case. The Board must then decide whether to consider the case (if it looks as though there may have been a violation) or dismiss it (if it looks as though there was no violation or if the facts are insufficient to indicate a violation).

If the Board feels that the case should be opened (this is decided by majority vote) Phase III begins. The identities of the persons involved are made known to the Board, and any further actions by the Board will require a 3/4 majority of the voting members.

**Gathering evidence**

At this point, the Board will probably speak with A, the witness, to discern what he has seen. Similarly, B is brought before the Board and questioned about the manner in which he took the test under consideration. Both A and B, separately, may appear before the Board a number of times during this phase as the Board checks, cross-checks, and seeks to gather every possible shred of evidence from the two men. Similarly, when applicable, other individuals such as professors, T.A.'s, etc., may give testimony, and the Board may examine test papers and other material evidence.

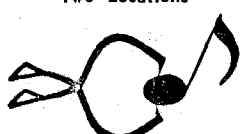

**Decision**

The BOC must decide whether B has committed a violation of the Honor System, at this point, and either a conviction or a dismissal requires a 3/4 vote. In the event of a dismissal, all records are destroyed.

If B is found guilty of a violation, however, Phase IV is initiated. Let us suppose that B is found guilty of a violation, perhaps by his own admission. The Board must now consider the form of its recommendation to the Deans, bearing in mind two objectives of (1) safeguarding the Honor System, (2) finding a manner in which B can be allowed to remain under the Honor System.

(Continued on page 6)

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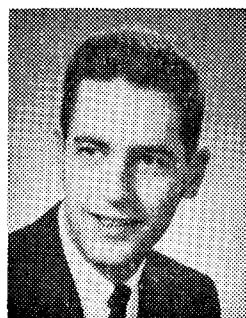
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Stephen Jaeger, of the Ford Division's Milwaukee District Sales Office, is a good example of how it works. His first assignment, in January, 1963,

was in the Administrative Department where he had the opportunity to become familiar with procedures and communications between dealerships and the District Office. In four months he moved ahead to the Sales Planning and Analysis Department as an analyst. He studied dealerships in terms of sales history, market penetration and potentials, and model mix. This information was then incorporated into master plans for the District. In March, 1964, he was promoted to Zone Manager—working directly with 19 dealers as a consultant on all phases of their complex operations. This involves such areas as sales, finance, advertising, customer relations and business management. Responsible job? You bet it is—especially for a man not yet 25 years old. Over one million dollars in retail sales, annually, are involved in just one dealership Steve contacts.

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# TECH Sports

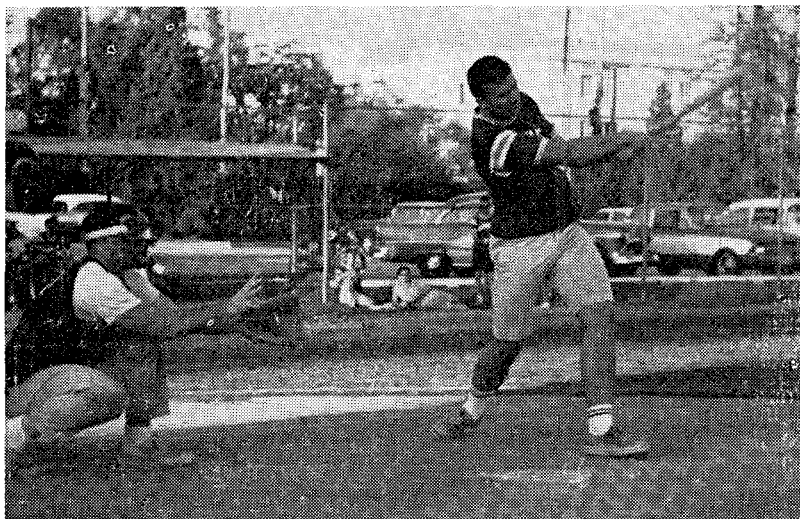
## Ricketts Wins Interhouse

The scramble of Interhouse softball finally sorted itself out, with Ricketts taking top honors. They lost their first game to Ruddock, and then remained unbeaten for the rest of the season, to finish with a 5-1 record. Dabney gave the Scurves their closest competition during the first half of the season, but the Darbs faded to finish in a tie for third. Page did exactly the opposite, starting slowly, but finishing strong to finish second with a 4-2 record.

In last Wednesday's action Ricketts beat Lloyd 3-2 in extra innings and Page edged Ruddock 5-4. The Scurves won on the excellent pitching of Rehbein, who allowed no hits until the fifth. The other game was quite the opposite; there was a lot of scoring on both sides, and Page had to turn on the hitting in the last inning to pull out a close victory.

consistent hurling out of freshman Ed Rehbein. They didn't have much of an attack, but they

(Continued on page 5)



Dave Kuehn of Dabney swings away in last Monday's softball game. Dave Posner of Page is catching. The swing did little good as Page won 17-3.

## Ricketts Loses In Discobolus

Although athletic managers Peterson and Whitely attributed it to different things, Peterson to "clean living" and Whitely to "black magic," Lloyd retained the Discobolus trophy by defeating Ricketts in softball 8-6.

Ricketts, having won the Interhouse softball title, was strongly favored in last Sunday's game. They proved their hitting strength by jumping out to a 5-0 lead after two innings. Lloyd managed to score one run in the bottom of the second, but it was in the third that they broke loose with seven runs. The attack was led by Marshall Hall, who collected a triple and a single. In that inning there were also two other hits, an error, and four walks, two of which forced in runs. By the time the Scurvys managed to pull themselves together, Lloyd had the lead.

Pitcher Martin Frost stopped Ricketts cold in the third and fourth, and allowed only one run to be scratched out in the fifth, thus earning the victory.

Blacker was the next in line to challenge for the trophy, and Lloyd has accepted in the sport of basketball.

## Smog eaters Edge CHM

Caltech whopped Claremont-Harvey Mudd in cross-country last Friday in broiling temperatures over 98 degrees F. The sky was without a cloud before, during, and after the race, and it was even suggested that the varsity course around Tournament Park be shortened for the occasion from three to two miles due to the extreme heat. When the Teckers heard of this scheme — proposed by the CHM coach — however, they unanimously turned it down. No shirkers, they.

As usual the phenomenal freshman Lane Mason placed first, but his time was off (15:51) his recent

record. Pete Cross was second, followed by Mike Meo, which sequence wrapped up an unprecedented one-two-three sweep for the smog-eating Incisorsowners. Fourth, fifth, and sixth were three Stag harriers, who at first had led the race, but the infernal heat finished them. Dave Kolb was seventh and Van Stoecker tenth to wrap up a 23-32 win.

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### Extra innings

On Thursday, Ricketts, again relaying on Rehbein's pitching beat Blacker by a 3-2 score. Dabney and Fleming went seven innings to tie 10-10. Twice Fleming went ahead in the last inning, but each time the Darbs came back to tie. They weren't able to get the winnig run, so the game was called at 6:10, against the wishes of both sides.

Page wiped out Lloyd 8-3 on Friday, while Fleming beat Ruddock 6-2 in rather sloppy games.

The important game, the one that would determine second place, was scheduled for last. Page played Dabney in what was supposed to be a close battle. But Page scored 14 runs in the first inning and thereafter it was a laugher. The final score was 17-3.

As predicted in the **Tech** the final outcome of the race was determined by the pitching. Ricketts won because they got very

## Calling All Basketball Players

HELP! We need somebody. HELP! Yes, just anybody. This year's Tech basketball teams are shockingly short of players. Less than ten candidates are competing for positions on the frosh team, and even fewer on the varsity level. Abandon thy random trollishness, fellow Teckers.

Join such varsity stars as Jim Pearson, Terry Bruns, Doug Holford, and Cliff Tedder, and frosh hopefuls George Fox, Mike Henerey, Bob Tarjan and Bob Enenstein. Practice is daily between 4:30 and 6:00 in the gym. You too can be a jock and snow the girls.

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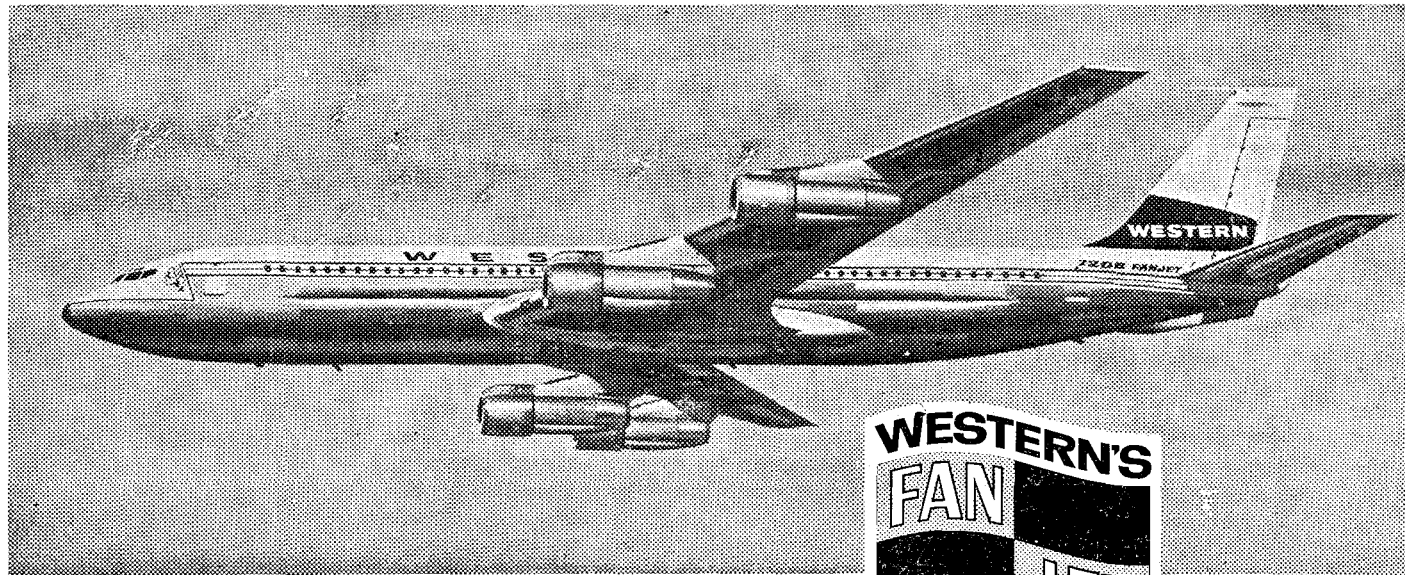
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# Varsity Webmen Lose; Freshmen Win Football Team Wiped

Playing to a packed house of less than a half-dozen rooters, the Caltech water polo team opened its league season last week with an exciting contest against Claremont-Harvey Mudd. Leading 6-3 at halftime, the webmen lost their lead in the third quarter 6-7 when they relaxed their defense at the end of the quarter and CHM scored three times in the last 30 seconds. Although captain John Walter, Tech's leading scorer, tied up the game early in

the fourth, CHM went on to win 9-7. The Stags' superior speed on the fast break was the difference in the last half as Walter was guarded so closely that he could get off few clean shots at the goal.

In their second league contest, the webmen were again set back, this time 13-8 by Pomona. Looking better overall in this game, the team was again struck by a malady from which they have suffered all year, the poor quarter.

Except for the second quarter, when the Sagehens outscored Tech 4-0, the game was very close. John Walter was again high scorer with five goals and leads the team overall with 43 out of a total of 71 for the year. Howard and Whittaker were the big guns for Pomona with 11 goals between them.

If the team can play the game for four quarters they now play for three, they can end the season with a good record. Inaccurate passing and inexperienced goal keeping are the two main problems that Coach Emery is trying to lick right now.

The frosh team opened its season against the same two schools, CHM and Pomona. Down 9-0 in the first quarter against CHM, the frosh came back to lose 13-6. Against Pomona the baby webmen showed up the varsity by winning 13-8 in overtime. With strong boy Greg Lutz in the hole, speedster Gregg Wright all over

The Caltech Beavers went into last Saturday's football game with high hopes after a strong showing against Pomona on the previous weekend. But it was not to be, as the La Verne Leopards ran away with a 42-6 victory.

At first things looked quite bleak as La Verne took the kick-off and marched to a touchdown in only six plays. But Tech came right back on a 72-yard march to tie up the score. The drive was accomplished on short runs and pin-point passing by Burton on third downs. Each time, just as the Beavers seemed to be stalled

the court, and experienced Glen Brown on defense, the frosh look like they might have an excellent year. They've already won infinitely more games than most years' freshman teams.

Both teams need support to help them win, so all snakes and other trolls are invited to come and cheer for their jocks.

he connected for the first down. Burton hit on three straight passes to Kawal and Little in this drive, and Brennan finally ran the ball over from the nine. Both teams failed in their extra point tries, and at the end of the quarter it looked as if the game would be a high-scoring but evenly matched duel.

The first quarter was a contest, but the rest of the game was a mismatch. The La Verne line reigned supreme. Although they were no bigger than the Caltech players, the Leopards were much more successful in blocking and tackling. They gave their running backs huge holes to run through, and the backs returned the favor by ripping off yard after yard. Larry Keenan, the La Verne quarterback, connected on seven of eleven passes, three of which were for touchdowns. The Beavers' defense had absolutely no luck in stopping the opposition running down the field.

### Tech Offense

The Tech offense was also having its troubles. The running game, which did so well against Pomona, fizzled out; rushing yardage totaled a measly 60 yards. The defensive line could not be moved. The passing was a little better, with Burton completing his first six passes for 44 yards. Unfortunately, his arm was sore, so he could not throw long passes.

One bright point of the game was John Frazzini's punting. He consistently drove La Verne back with his long booms. Out of six punts, three were for 65, 58, and 57 yards respectively. He is now averaging 42 yards per punt for the season.

This week's game against Cal Lutheran should be a tough one, as CL has already beaten La Verne. They have big men and the game will be a bruising one. But it can be a close contest if the Beavers play up to their potential as they did at Pomona. The game is away, so any spectator support would be greatly appreciated by the team.

### Retches Win

(Continued from page 4)

didn't allow the opposition to score either. Page had a better hitting attack and were also able to capitalize on walks given up by the opposing pitchers. Gary Schnuelle gave them good pitching, but he tended to tire in the late innings.

In general the pitching was rather poor this season, with numerous walks being given up. The worst example of this was when Dabney gave Page 11 free passes in the first inning of their game. The one excellent pitching performance was turned in by Jeff Pressing of Ruddock when he blanked Lloyd 4-0.

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# Soccer

The Caltech soccer team journeyed to Pomona last Saturday to play Cal Poly under the hot sun. They played a very good game only to lose by a close margin of 2-1.

The Beavers were missing several of their players, thereby causing a shortage of substitutes. The extreme heat wore out the players quickly, and Cal Poly's several replacements gave them a big advantage. Even so the game was extremely close with both teams attacking about evenly.

Poly scored its first goal in the middle of the first half with a high kick from about 20 yards out which barely went over the goalie's outstretched hands. The second goal was scored with a free kick after a "hands" call in the penalty area. Tech came back to score in the second half, with Mike Hunsacker pushing the ball through from close in front of the goal.

Near the end of the game CIT pushed extra hard trying to tie up the game. They got close several times, but couldn't quite pull out a victory.

This year's team has come along amazingly well. There are nine freshmen playing, several of them starters and many others have had no experience at all. Their two best players are out with injuries, yet the team has played amazingly well. They have improved with each game, and are now ready win in their upcoming contests.

## Y Conference

(Continued from page 1)

and faculty. Undergrads need to get over to the faculty the fact of a standing invitation to lunch, any day. The faculty indicated a reluctance to walk into Student Houses uninvited. Actually they need not be concerned about imposing extra meal charges on the house, as all houses have adequate free guest meal allotments. But perhaps the only successful way to attract faculty is for aggressive undergrads to seduce faculty with offers of aromatic Saga food. And why not invite a few interested grad students, especially the new ones still trying to make contacts?

### Evening coffeehouse

Another path to new relationships is through meetings and parties at faculty homes. Some faculty indicated they would welcome a party in their homes thrown by students with other faculty invited. Other faculty showed interest in discussion meetings in their homes to investigate civil rights, politics and similar subjects. Furthermore, it was noted that many community people are quite interested in meeting and talking to Caltech students on similar grounds.

The most popular subject of discussion was the possibility of an evening coffeehouse on or near campus. The goal would be to create the Peppermill type atmosphere which readily volatized those sparkling conversations we all remember back in the days of the two-bit hamburger. Such ideas have been brought up before, but never have they met with such overwhelming enthusiasm.

## Inquisitions

(Continued from page 3)

If there is good indication that B is not likely to repeat his violation the severest recommendation would be that he would receive an "F" in the course concerned, be given a reprimand, and be placed on probation for the remainder of his stay at Caltech. Probation means that should he ever again be convicted of a violation of the Honor System, the facts of this case will be known to the BOC at that time. Alternatively, the Board may feel that B's shortcomings are those of insufficient maturity, in which case suspension may be a better recommendation. A third possibility is that B is unable to live under the Honor System. In such a case, expulsion may be recommended.

When the Board has agreed upon a recommendation, B is brought before the Board and informed by the Vice President of the outcome. He is further informed that the Board's decision is a recommendation, and that he must confer with the Deans the

next morning to ascertain the final status of his case.

In all cases where a violation is found to have occurred, the Board of Control submits a report to the Deans on the morning following the conclusion of the case. Approval of the Board's recommendation requires a unanimous vote of Deans Eaton, Strong, and Jones. In the event that the Deans are unable to reach unanimous agreement, the case is returned to the Board with a request for reconsideration. The Deans never take unilateral action or in any other way act on anything but a recommendation by the Board.

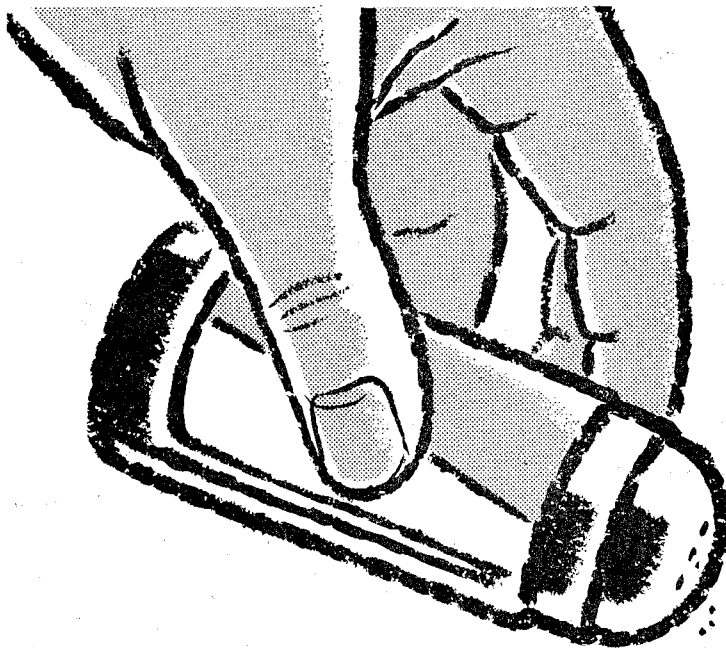
## IH Celebrations

(Continued from page 1)

held last Tuesday in order to prepare for some advance organization. The program will be under the supervision of Don Radcliff.

Dabney boasts of starting on the 19th, which probably will not be too far from the truth for many Houses.

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