

P. E. Change Angers Tech

Parents Came, Heard Deans, Saw Campus

BY JAY LIPPMAN

About 200 parents and relatives of Caltech frosh attended Parents Day, Saturday, October 21. There were parents from all over the country, from places such as New York, Ohio, Florida and Washington. In order to get an account of the proceedings a parent was randomly chosen and asked to record the speeches, events, and his impressions of them. The following is my version of my parent's impression.

The day began with registration in Dabney and then speeches in 201 Bridge. Presiding was Kent Clark, and speakers were Peter Miller, L. W. Jones, R. A. Huttenback, and Foster Strong. The speeches were an indoctrination of the parents to the admission procedure and what was expected of those who were admitted. L. W. Jones said that students were picked as impersonally as one would pick an automobile or washing machine. The admissions committee was looking for the creative man with curiosity, imagination, perseverance, and patience who felt a moral responsibility for his needy fellowman. A major consideration was picking students

(Continued on Page 7)

Chamber Music Attracts Crowd

The first in a year-long series of chamber music concerts was presented to an audience which overflowed the confines of Dabney Hall Lounge last Sunday evening. The concert, which featured works by Vivaldi, Bach, Dag Wiren, and Brahms performed by the Baker Chamber Ensemble, was given in memory of Hunter Mead, Caltech Professor of Philosophy, who died last summer. A complete schedule for forthcoming concerts is available from the Humanities Department.

Dr. Mead was largely responsible.

(Continued on page 3)

Notices

STUDENT SHOP TO MEET

On Saturday, October 28, the Student Shop will hold a general meeting at the shop to collect dues and exchange keys. Keys will be issued to new members at 10 a.m.; present members can exchange their keys at 11. Do not forget to bring \$1.00 dues.

PEACE MARCHER TO VISIT

Ed Lazar, a member of the "peace march" from San Francisco to Moscow that was just completed, will be coming to Caltech on Friday, November 3, under the auspices of the Caltech YMCA. Lazar, who will meet with Caltech students at the home of Dr. and Mrs. Beach Langston, is touring under the auspices of the American Friends Service Committee.



Plans For Interhouse Dance Released By Social Chairmen

BY WALTER DEAL

As everyone knows, the Los Angeles area has two seasons: the dry season and November 11, which happens to be the date of InterHouse. However, Social Chairmen are incurable optimists and are trying to bring some order out of the confusion which is everywhere present now, two weeks before InterHouse.

The Blacker Social Chairmen, once again proving the old saying about necessity, mother, and invention, are reputed to have invented a time machine and to have gone back to gather material for their decorations, which were based on prehistoric times at last notice. They were thinking of getting a dinosaur, but her singing and TV schedules interfered.

Dabney has decided to base its theme on the exploits of Pinocchio. This will entail converting the lounge into Geppetto's workshop and finding or making a whale to put in the courtyard. These first two shouldn't be too difficult; however, finding a bathtub large enough to put the whale into may lead to problems.

Fleming, in order to carry out the theme of "Showboat," is converting the House into a boat. A Dixieland band is slated to perform and Southern (Cal) belles will be present. The other

Houses are presently conferring on the best way to float the "showboat" (hence Fleming) down to Lake.

Lloyd has decided to keep its plans secret until they decide on definite plans themselves.

Water, Water Everywhere

Page, in order to go General Sherman one better, has come out with the words, "Page is Hell." At least it will be November 11. Presiding over the proceedings will be a fifty foot high devil, and the house will be decorated to look like Dante's *Inferno*. Members of the house are currently reading the book and attending P.E. classes in order to be able to accurately portray the *Inferno*. As an extra added attraction, Page has promised to shoot Frank Curtis onto the parking lot in a rocket at regular intervals.

Ricketts plans to change its courtyard into a seashore, with a castle at the edge and a sorcerer conjuring up a storm (out of Millikan's Pot, I presume). Where the castle is coming from has not yet been decided, but there are rumors of a midnight trip to Disneyland.

Bob Gilman, Ruddock Social Chairman, is having trouble keeping his head above water; and, if he goes to Ruddock on InterHouse night, he won't succeed. The theme has some obscure title like "Submergo," and seems to have been inspired by

"Sea Hunt." The current plans are for the patio to be completely covered to resemble an ocean floor. There will be a sunken ship with Lola, the ever-present house mascot, as figurehead. The lounge will be converted into an undersea cavern. Aquaplaning will be supplied.

Although the social chairmen may be optimistic, they are not fools. Freshmen are being drafted to take part in anti-rain dances. And remember, social chairmen: there are only sixteen days, eight hours, and fifteen minutes till InterHouse.

Prof Wins Award

Dr. James Bonner, Caltech biology professor, has been appointed George Eastman Visiting Professor at Oxford University for the academic year 1963-64.

The Eastman Professorship was established in 1929 by George Eastman, founder of the Eastman Kodak Company, who wished to provide for senior American scholars to be at Oxford University for one year. Many distinguished Americans have held this visiting professorship.

Dr. Bonner received his A.B. degree from the University of Utah in 1931, his Ph.D. from Caltech in 1934, and has taught here since 1935.

419 Students Sign Petition

The Physical Education staff has recently decided to limit credit for InterHouse sports participants to three days a week. The InterHouse Committee voted to go on record as opposing this ruling, and as a result a petition was circulated among the Student Houses protesting the decision. 419 Caltech undergrads, approximately 75% of all campus residents, signed it.

It is expected that the Faculty Committee on Physical Education will meet soon to take up the matter of the protest. This committee has the authority to overrule the P.E. staff on matters of policy.

Techmen To Fight Oath

A committee for coordinating student efforts on a national scale in the battle against the disclaimer affidavit of the NDEA and NSF loan and fellowship programs is being formed at Caltech. The Committee of Opposition to the Disclaimer Affidavit (CODA) is seeking to get all applicants for loans and fellowships from the NDEA and NSF to enclose letters of protest against the disclaimer affidavit with their applications. The Committee is also planning a student letter-writing campaign on a national scale as a means of influencing Congress to remove the affidavit from the two programs next year.

Anyone interested in working on the Committee or simply learning more about it should drop a note in the "T" Box of Lower Throop or contact Kip Thorne.

Philharmonic to Recite in Pasadena

Six symphony concerts will be presented by the Pasadena Philharmonic Committee during the 1961-62 Pasadena Season of the Los Angeles Philharmonic Orchestra, to be held in the Pasadena Civic Auditorium. Special student tickets are available at the Caltech bookstore for \$6 — \$3 under the cost for the general public.

The first concert of the series will feature guest conductor Walter Hendl and pianist Geza Anda. Conductor Alfred Wallenstein and violist Sanford Schonbach will appear on December 13, and Conductor Hans Schmidt-Isserstedt and violinist Christian Ferras, on January 17.

On February 21 there will be a symphony program under guest conductor Laszlo Somogyi, and three weeks later violinist Isaac Stern will perform under guest conductor Paul Kletzki. The season will be concluded with a repeat performance by Kletzki, with Carol Smith and Richard Lewis, soloists in Mahler's *Song of the Earth*.

Editorial

Beanball Hits IH

Out of the chaos and confusion which resulted from the PE Department's decision to limit credit for InterHouse sports has come one fairly certain conclusion: it is the intention of the PE Department to de-emphasize InterHouse sports in an attempt to beef up the Caltech intercollegiate program. The method is quite simple: to make it virtually impossible for any but the extremely versatile athletes to pass PE without supplementing the credits received in IH activities. It is assumed that people will prefer to enroll in some class which will be continuous for a term.

The complaint here is not against intercollegiate sports. It would be wonderful if those people who are now out could have the advantage of playing on better teams. The complaint is that **unfair advantage** has been taken of the people participating in IH sports. The PE Department has a great deal of power over students in that it sets the number of days needed to pass the course, sets the manner in which these days can be obtained, and in effect that it can flunk a student out of school who doesn't fulfill the requirements.

The students expect, and should be entitled to, a fair shake. Asking that they put in five days a week for three days credit is nothing more than a misuse of authority.

If the IH program is so much more attractive to students that they prefer it to intercollegiate sports, then the only reasonable way to improve the intercollegiate system is to revise it so that it is made more appealing. Downgrading IH sports in an attempt to do so is unfair and unjustifiable, and will only result in resentment among those people who feel they've been discriminated against. That 75% of the students have voiced their disapproval of the ruling should not be disregarded. We recommend that this ruling be nullified and the former situation restored, and that **positive** plans be undertaken on behalf of the intercollegiate program.

—abell

It's About Time

"It would be advantageous to the residents of the Houses if an assortment of non-technical books for pleasure and general educational reading were placed in a small library in each House. With the volumes on hand at the proper time and proper place, Techmen would be encouraged to pick up a book and do some occasional reading. For those men who already have cultivated a strong appreciation of literature, this would add greatly to the educational attractions of the House."

—"Committee of Nine Report"
California Tech
March 5, 1931

Nearly thirty years have passed since this recommendation was made. Crowding in the old Houses once precluded the establishment of House libraries. Now there is space for libraries in each of the seven Houses.

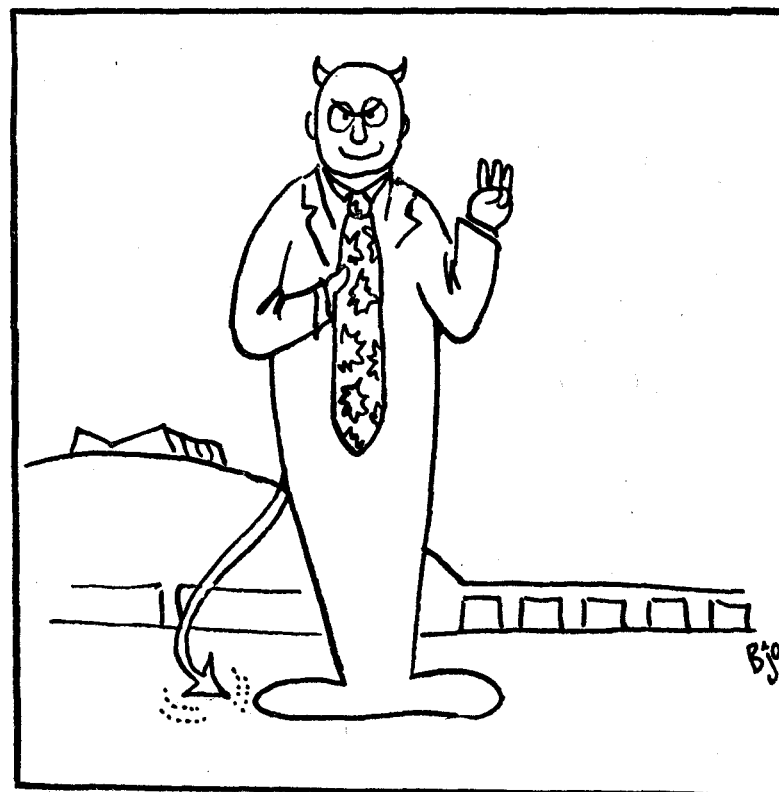
I think it's about time we got them.

Are they needed? If anything, the need for House libraries has increased since the days of the Committee of Nine. To their original suggestion of a "non-technical" selection of books, I would add a large collection of reference texts. Material in many Tech courses lies "at the fringe" of the regular texts, and reference texts are needed for fuller and better explanations. House libraries could also store back issues of magazines to which the House subscribes.

Is this duplicating the regular Institute libraries? Not really. House libraries have books for students' immediate needs. The Institute libraries are two blocks away, are closed at night when most demand exists, and are not noted for having large supplies of undergraduate reference texts. Immediacy of provision is the major advantage of a House library.

I suggest that ASCIT and the Institute match funds as a start. Since House libraries are open-end projects, each graduating class will have its chance to improve the library of its House. Perhaps the IHC will find this a project upon which it can agree. In any case, I see more sense in providing House libraries than in providing a lacier front to the (proposed) Millikan library.

—molho



frets and frails

Ash Grove Headlines Blues

BY JOHN D. CROSSMAN

Presently appearing at the Ash Grove are Lightnin' Sam Hopkins and Rambling Jack Elliott. The show is better than a twin feature at the local drive-in. Both Lightnin' and Rambling Jack are excellent and to have both on the same bill is certainly a treat for the listener.

Lightnin' who hails from Houston, seldom travels outside Texas and is making his first appearance at the Ash Grove. He has been recording for fifteen years and has appeared on more than a dozen different labels from Decca, Prestige, and Mercury to the mysterious and suspect label titled 'Lightnin'. Born in 1912, Lightnin' was apprentice to the famous blues artists Blind Lemon, Lonnie Johnson, and Texas Alexander; he has spent his life singing traditional blues while wandering the streets of Houston, as did Leadbelly and Blind Willy Johnson before him. Listening to Lightnin' is a moving experience — he intermingles his singing, talking, and fantastic guitar playing in such a way that he ever seems to stop. One minute he's telling you a story, the next he's singing it to you. His delivery is very personal; you feel as if you were a good friend of his and he was telling about some personal event in his life. Indeed, most of his songs seemed to be based on an actual event in his life and were thus more meaningful to him and certainly to the audience.

Rambling Jack Elliott is difficult to describe — before I try, let me say that I think he is one of the most fascinating performers I have ever seen. Imagine, if you can, a gaunt, shabbily-dressed man with a tangle of curly hair under a black felt cowboy hat ambling onto the stage. He faces the audience with a twisted smile that causes several of the weaker sex to break out laughing and then commences to sing through the corner of his mouth in a sneer that would do credit to the most cynical Techman. Watching him reminded me of times I had

stood in front of a mirror and made faces at myself, except his face is much better suited for it than mine. After a minute of initial shock, however, you become fascinated with his face and with him. Although he is completely relaxed on the stage you can not miss the vitality of his singing. I found myself perched on the edge of my seat to catch every word and every motion he made. Jack draws much of his material from the songs of Woody Guthrie and his guitar playing shows the influence of many factors including a few bluegrass runs. One thing that fascinated (and amazed) me was the way he would retune a string during a song. He didn't stop playing, miss a beat or even (it seemed) hit a sour note. He would just reach up and fiddle with the peg while his right hand kept on playing. He made it seem like it was something he did all the time — but then, I guess he does.

In summary, this is a great show — don't miss it! (For those of you that may not know, the Ash Grove is located at 8162 Melrose in Hollywood.)

* * *

Appearing at Fiesta Hall in Plummer Park (1200 N. Vista between Santa Monica and Fountain) next Friday at 8:00 p.m., are Cousin Emmy and Bess Hawes. The concert is being presented by the Friends of Old Time Music and should be of interest to all folk music enthusiasts.

* * *

The YMCA folk concert held in Chandler last Thursday was a great success. Over two hundred students and "others" were treated to two hours of singing and picking by Peggy Seeger and Sam Hinton.

Sam presented a number of American and Texas folk songs in an easy and entertaining style. Peggy, unfortunately straining because of a non-operative PA system, sang a number of British and Southern Mountain songs accompanying herself on the banjo, guitar, and autoharp.

LETTER

TA's Criticized

Editors:

In general I agree with the comments of Professor Waser, (California Tech, October 12, 1961)—Ed., but:

Except in the Division of Chemistry and Chemical Engineering, it has been my experience that the teaching assistants are not well supervised. If the follow-up is not made, or is made by poor teachers, it is almost worse than useless.

Admittedly, when the method suggested and used by Professor Waser is used properly, it works well, but so often in the classes not under his direction only a corrupt imitation of the method is followed.

George L. Scott

'Guys, Dolls'
A Hit At Phil

BY BOB GREENWALD

It doesn't take long for a hardened cynic, spoiled by Broadway and Greenwich Village, to realize that decent culture is a rarity in Los Angeles. However, a "bright star" has finally appeared on the horizon to redeem us from the vacuous fate in store for us. Unfortunately, this discovery has come almost too late, and I hope that many of you have already taken advantage of the opportunity to see a really great show, or will do so in the next two weeks.

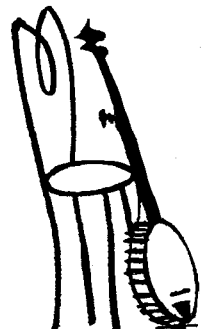
I am talking, of course, about the production of *Guys and Dolls* which is now climaxing the 1961 season at the L.A. Philharmonic Auditorium. It is a marvelous production of one of the classics of the musical comedy stage, and despite its adaptation for a Los Angeles audience, it retains much of the charm and wit that immortalized it on Broadway.

The musical itself, written by Abe Burrows and Frank Loesser (*The Most Happy Fella*, etc.) is based on a story by Damon Runyon entitled "The Idyll of Sarah Brown." It takes place on Broadway in New York and deals with the loves and deals of a group of petty gamblers who center their activities there. The more serious love story involves Sky Masterson (Dan Dailey), the biggest gambler of the lot, and Sarah Brown (Connie Bennett), sergeant of the Save-A-Soul mission, which operates in the area trying to help the gamblers and bums. The funnier love story concerns Nathan Detroit (Shelley Berman), the proprietor of a "permanent" floating crap game, and his fiancée for 14 years, Miss Adelaide (Pamela Britton), a nightclub singer.

Shelley Berman steals the show with a magnificently funny portrayal of the funny little Jewish gambler who searches all over town for a place to have his crap game. He fits perfectly into the part and makes up for his lack of singing abilities with excellent delivery of his humor. Dan Dailey, although lacking the rich voice of Robert Alda, the original male lead, sings and acts very well. The female leads do more than justice to their parts, and with a fine supporting cast, it can truly be said that the performance is an altogether excellent one.

Although the songs in *Guys and Dolls* cannot compare in imaginative wit and trenchant satire to *My Fair Lady*, nor have

(Continued on page 8)



EDWIN PEARL PRESENTS
through November 12
Lightning Hopkins, Rambling Jack Elliott
and Hugh Romney, Comedian from Outer Space

Coming November 15 for 2 weeks only:
Lester FLATT, Earl SCRUGGS and
the Foggy Mountain Boys

THE ASH GROVE
8162 Melrose OL. 3-2070

a hand of BRIDGE

BY BILL TIVOL

NORTH		EAST	
S—None		S—7 5	
H—A Q 9 7 5		H—4 3 2	
D—A K J 10 9 8 7		D—Q 5 4	
C—Q		C—9 8 5 3 2	
WEST		SOUTH	
S—Q 8 2		S—A K J 10 9 6 4 3	
H—K J 8		H—10 6	
D—6 3 2		D—None	
C—K 10 7 4		C—A J 6	

North dealer, neither side vulnerable.

NORTH	EAST	SOUTH	WEST
1 D	Pass	1 S	Pass
3 H	Pass	4 NT	Pass
5 H	Pass	5 NT	Pass
6 H	Pass	6 S	Pass
Pass!	Pass		

Opening lead: Two of diamonds

The motto of today's hand is "Don't panic."

North has almost a two opener, but it is not quite that powerful. He cannot quite afford to force his partner to a minor suit game which may be unmakeable. North can see one sure club loser and two or three possible heart losers, besides, any values in the black suits which his partner may have are likely to be useless. South's response of one spade is sufficient to force North for one round. South is certainly interested in game or possibly slam, but he needs some clarification of North's hand before he can decide upon the ultimate level of the contract. North's three heart response certainly clarifies his hand, so South uses the usual Blackwood to find aces and kings.

North must show his void as a king whether he likes it or not, for he does not yet know what the trump suit is to be. South goes to the small slam contract since North is almost certain to have the king of diamonds and thus the grand slam may depend on a finesse, or more. Also, since North jump-shifted and has only two aces and two kings, his hand is likely to be distributional and one of his kings may be void, which, in fact, it is. North is somewhat shocked at his partner's final choice of contract, for he has shown a void in the trump suit as a king. He cannot, however, afford to fool around at the seven level. He has shown everything he has and more, and thus he cannot hope to arrive at a makeable contract at a higher level than his partner's choice.

The play is straightforward; West has no good opening lead and therefore makes a bad one. South loses only the queen of spades, making the slam.

With distributional hands such as these, caution in the bidding is highly recommended, for there's a good chance that many of the values of one hand will only be duplicated in the other. Above all, remember you are playing with a partner who is sitting across the table from you with thirteen cards and, presumably, the intelligence to use them wisely.



BY JOHN BERRY

Your Barfly went to Riverside last week in lieu of writing a column. Therefore I think I should restate the ingredients of Barfly Bars 1 and 2. The common ingredients are: bourbon, scotch, vodka, gin, rum, brandy, sweet and dry vermouth, mixers, lemon juice, grenadine, Angostura bitters, and sugar.

Bar 1 contains in addition orange juice and Curacao. Bar 2 contains in addition to the common ingredients lime juice, cream, creme de menthe and creme de cacao.

This week the drinks will be from bar 2, since I have slighted it previously. However I will not give standard drinks since their recipes are so easily available.

FIG LEAF

1½ oz. sweet vermouth
1 oz. light rum
Juice of ½ lime
1 dash Angostura bitters
Shake well with ice and strain into glass.

Since too many of these can produce quite a hangover, I conclude this week with a pick-me-up. It cannot take the place of moderation, but it can postpone a hangover. I'll cover the whole problem of the pick-me-up later. Suffice it now that this is a good drink in its own right.

HARRY'S PICK-UP

3 oz. brandy
1 tsp. grenadine
Juice of ½ lemon
Shake well with ice and strain into glass. Fill with iced champagne.

Chamber Music

(Continued from page 1)
sible for organizing the now regular chamber music concerts at Caltech. In addition to his philosophy (he wrote two widely used textbooks), Dr. Mead was very interested in music, having built a pipe organ in his home and given concerts there which were widely appreciated and enjoyed.

Last Sunday's concert was preceded by the reading of a eulogy by Dr. Alfred Stern.

"The life of Hunter Mead was governed by two noble ideals:
(Continued on page 8)

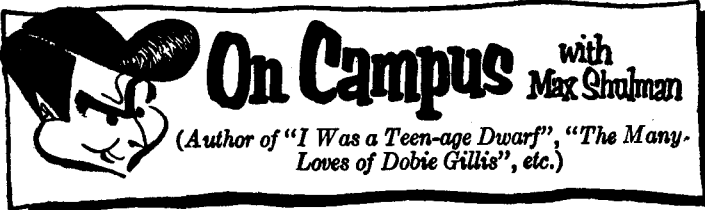
Conscientious Objector To Talk

The guest at the Y Diners' Club this Monday, October 30, will be George Willoughby, Executive Secretary for the Central Committee for Conscientious Objectors. He will speak on the moral issues involved in war and non-violence, and the alternatives to service offered the conscientious objector.

Mr. Willoughby is also the chairman of the Executive Committee of the Committee for Nonviolent Action, and recently went to Moscow with a peace

march from San Francisco to Moscow which was organized by the Committee. In 1958, he was a member of the crew of the **Golden Rule**, the ketch which attempted to sail across the Pacific to the atomic test area as a protest to such ests.

Mr. Willoughby is a member of the Society of Friends, and for two years he was director of the Society's Conscientious Objector Service Program. He is a graduate of the University of Iowa.



THE DATING SEASON

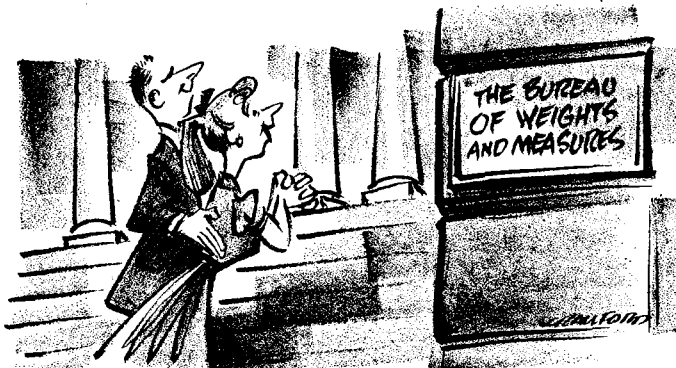
I have recently returned from a tour of 950,000 American colleges where I made a survey of undergraduate dating customs and sold mechanical dogs, and I have tabulated my findings and I am now prepared to tell you the simple secret of successful dating.

The simple secret is simply this: a date is successful when the man knows how to treat the girl.

And how does a girl like to be treated? If you want to know, read and remember these four cardinal rules of dating:

1. A girl likes to be treated with respect.

When you call for your girl, do not drive up in front of the sorority house and yell, "Hey, fat lady!" Get out of your car. Walk respectfully to the door. Knock respectfully. When your girl comes out, tug your forelock and say respectfully, "Good evening, your honor." Then offer her a Marlboro, for what greater respect can you show your girl than to offer Marlboro with its fine flavor and exclusive selectrate filter? It will indicate immediately that you respect her taste, respect her discernment, respect her intelligence. So, good buddies, before going out on a date, always remember to buy some Marlboros, available in soft pack or flip-top box in all 50 of the United States and also Cleveland.



A girl likes to be taken to nice places

2. A girl likes a good listener.

Do not monopolize the conversation. Let her talk while you listen attentively. Make sure, however, that she is not herself a good listener. I recollect a date I had once with a coed named Greensleeves Sigafos, a lovely girl, but unfortunately a listener, not a talker. I too was a listener so we just sat all night long, each with his hand cupped over his ear, straining to catch a word, not talking hour after hour until finally a policeman came by and arrested us both for vagrancy. I did a year and a day. She got by with a suspended sentence because she was the sole support of her aged housemother.

3. A girl likes to be taken to nice places.

By "nice" places I do not mean expensive places. A girl does not demand luxury. All she asks is a place that is pleasant and gracious. The Tomb of the Unknown Soldier, for example. Or Mount Rushmore. Or the Taj Mahal. Or the Bureau of Weights and Measures. Find places like these to take your girl. In no circumstances must you take her to an oil-cracking plant.

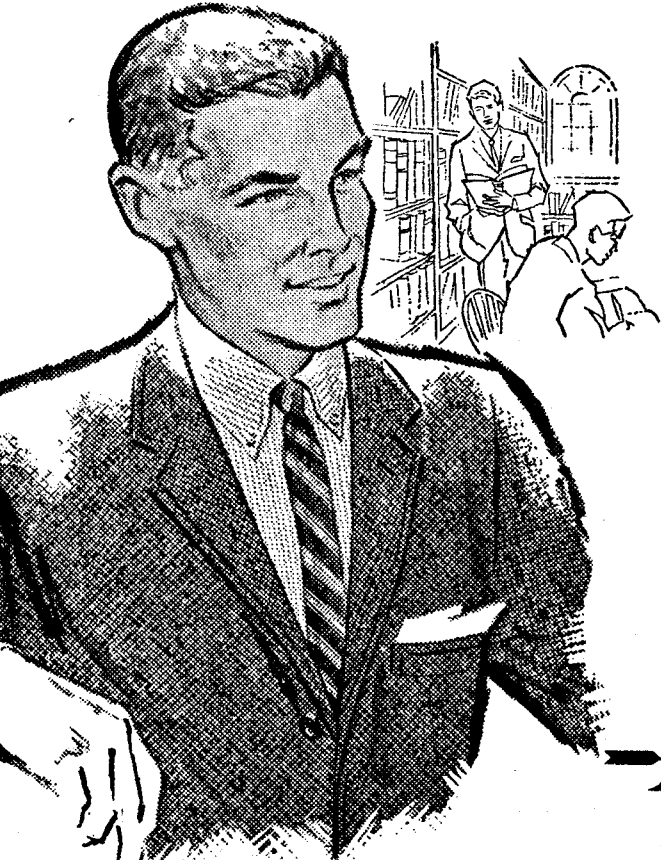
4. A girl likes a man to be well-informed.

Come prepared with a few interesting facts that you can drop casually into the conversation. Like this: "Did you know, Snookiepuss, that when cattle, sheep, camels, goats, antelopes, and other members of the cud-chewing family get up, they always get up hind legs first?" Or this: "Are you aware, Hotlips, that corn grows faster at night?" Or this: "By the way, Loverhead, Oslo did not become the capital of Norway till July 11, 1924."

If you can slip enough of these nuggets into the conversation before dinner, your date will grow too torpid to eat. Some men save up to a half million dollars a year this way.

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To the list of things girls like, add the king-size, unfiltered Philip Morris Commander. Girls, men—in fact everybody with a taste bud in his head—likes mild, natural Commander, co-sponsors with Marlboro of this column.



Casually yours...

The Authentic Arrow button-down shirt has a perennial appeal to the discerning college man. This University Fashion favorite has the famous Arrow contour tailoring for a slim, trim, tapered waistline. In basket weave striped oxford and solid colors of your choice. See your Arrow Retailer.

\$5.00 and up

ARROW

From the "Cum Laude Collection"

Mailer, Peale and Courant Collaborate On ASCIT Play

BY BRUCE ABELL

"I tell you, the Drama Club isn't dead — it's only resting!"

"Resting! You mean recovering. After last spring's debacle I didn't think it would even make it to the cast party after the last performance. I should think that if they were going to put all that effort into a play, they could've chosen something Frankly, I'm tired of these weary, stock productions."

"Well, maybe Tennessee Williams is a bit unimaginative, but we didn't think we dared experiment with anything too wild, like *Life With Father* or *Charlie's Aunt*."

"I suppose that if the club ever gets up to its full strength of five members we'll have to sit through some more of that over-worked Ionesco or Pirandello."

"No. I talked to the president yester . . ."

"The president. C'mon now. How can a group with no members have a president?"

" . . . day and he assures me that this year's big production will be an all-timer. The club's giving up on these stereotyped writers like Beckett, Miller, Sophocles, Shakespeare — you know, square stage, drop the curtain and all that traditional nonsense. This year — Norman Mailer, Norman Vincent Peale and R. Courant have collaborated on a new play for the ASCIT Drama Club. It's called *The Power of Non-Negative Tech-Sex*."

"Gimme a frinstance."

"O.K. Picture this. The prologue opens with the Tech faculty out in front of Throop, gathered around the flagpole. An undergraduate, wearing test tubes on his fingers and carrying a geology hammer, rushes into the midst of the group. He immediately spots Dr. DuBridge, who is wearing a black frock coat and is humming the Alma Mater in a minor key, and falls prostrate at his feet (which are encased in football shoes made of gnu-skin). Upon being told to rise (the command given in Greek), he immediately recites the Declaration of Independence, the Lord's Prayer and a loyalty oath. Then a blast of fire from the synchrotron consumes him as scientifically positioned loudspeakers announce the latest Santa Anita results."

"The first act is a tableau accompanied by the sound of celery being eaten. The picture shows George Washington, arm in arm with Robert Welch, drinking Coca-Cola from Millikan's Pot. Ezra Pound, playing poker with Plato, has just drawn to an inside straight and is frowning. Officer Newton is ticketing George Green's car while seven lovely mermaids drape garlands of flowers over him. Andrew Jackson is handing Bob Koh his draft notice just as he is about to get on the special transatlantic flight. Hanging from a balloon (on which is painted the motto "Techmen For God"), is a bathtub in which sits Archimedes."

"The second act is more subdued. Pablo Picasso walks on stage and trips over a pile of *California Techs*. He picks himself up and is immediately handcuffed to John Wilkes Booth by an angry Saga manager. Clarence Darrow agrees to defend Picasso in return for the Dead Sea Scrolls. Yuri Gagarin, riding a bicycle, arrives and announces that he's running for Congress on the Bull Moose ticket. He is immediately given the Nobel Prize for physics by Dr. Fred C. Schwarz. The act closes as the Pasadena Senior Citizens' Sunshine Club rides onto stage aboard seven-cylinder Ghanese motorcycles and begins its annual convention at the Atheneum."

"Now, the last scene is really razzle-dazzle. Aristotle is gunned down by Billy the Kid who is riding a white camel. A skeleton, wearing a black cape and a monocle, hands out Turkish Delight to the BOD. Henry VIII roller skates onstage and sings "On the Good Ship, Lollipop" and is immediately knighted by Kerry Donovan. All the while the Mormon Tabernacle Choir is singing a staccato version of "Camptown Races." Abraham Lincoln drives down the Olive Walk in a chariot and delivers the commencement address. The play closes with the triumphal return of Mike Talcott, dressed in a double-breasted burial shroud, who then plaintively asks: 'Who will then, if he must, not do so with a pure mind and faithful spirit. Ve-Ri-Tas.'"

"Well, how do you like it? Would you be willing to pay to see a play like that?"

"To tell you the truth, it's pretty good. The plot's a little obvious, of course, but I think if you put some symbolism in it, you'll have a pretty good production."

CD Needs Warm Bodies

Attempting to prepare Caltech for possible future military or natural disaster, the Caltech Civil Defense Unit feels that it needs more help. According to Mason Williams, Caltech CD director, there are many different fields in which help can be used.

One program that is open is a First Aid and Rescue course, to be given by the Pasadena Red Cross sometime during the school year if there is sufficient interest. Other CD plans include making a campus shelter survey, working on an emergency alarm system and food supply, and checking on firefighting facilities and radiation areas. Techmen may demonstrate their interest in this CD program by contacting Marc Kaufman in Fleming.

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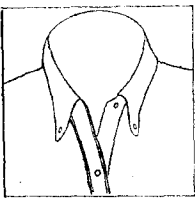
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GIIIIID

our man in the Ivy Leagues



BY LARRY McCOMBS

You will never convince me that California's freeways are more terrifying than ordinary city traffic in the East. On the freeways all the vehicles are roughly of the same order of magnitude in size and speed, and those headed in one direction are separated from those going the opposite.

But things can reach a horrible level of complexity here. Yale's campus is of course considerably more spread-out than Tech's, and the ten-minute breaks between class are hardly sufficient to allow transit time — particularly since the man in charge of scheduling has done an amazing job of seeing to it that half of the campus has 9 a.m. class at one end of the campus and 10 a.m.'s at the other end, while the other half of the student body reverses the procedure. So at 10 these two waves of students meet at one intersection in the center of the campus.

There pedestrians, bicyclists, motorcyclists, cars and trucks and buses all merge in one fantastic tangle.. Since there is insufficient time to get to class, everyone ignores the traffic signal and gets across as best he can. The cops stay away from that intersection—they wouldn't have a chance!

Yale has one pleasant idea — they've eliminated 8 a.m. classes. But they more than made up for that convenience by making Saturday classes a common thing. I'd prefer to get up early on weekdays and have a full weekend for relaxation!

There is much gloom amongst the undergraduates here this week. It seems that the Yale Bulldogs were severely defeated by Columbia last Saturday. This takes on added significance in view of the fact that last year the Bulldogs were undefeated and, in fact, un-scored-upon. Though the school spirit amongst undergraduates here is not quite as high as it might be at "less dignified" institutions, it is considerably higher than that of Tech. Still, I'm glad that the grad students aren't expected to show enthusiasm over the fortunes of the football team — my four years at Tech have pretty well deadened me to such crass physical contests.

One of my most interesting classes here is an undergrad lecture course on the history of science. It seems to me that this is a topic which should be given greater emphasis at Tech. It's not too important to know exactly who invented what and when, but it is both interesting and instructive, for example, to follow the development of mathematics through the Egyptians, Babylonians and Greeks and to try to stretch one's mind into the pattern of these cultures.

An interesting book along these lines is *The Last Problem*, the book on which Dr. Eric Temple Bell was working when he died last year. Those who

have not encountered Mr. Bell's work in mathematics as a professor at Caltech may well have discovered some of his science $\alpha\beta\gamma\delta\epsilon\zeta\eta\theta\iota\kappa\lambda\mu\nu\pi\rho\sigma\tau\upsilon\phi\chi\psi\omega$ of John Taine. Though *The Last Problem* is a history of the concepts of number theory leading up to Fermat's Last Theorem, it takes many very fascinating side trips along the way.

When one wanders outside the physical sciences, one soon grows accustomed to the fact that few people in the East have heard of Caltech. But among humanities majors who have heard of the school, very few associate it with Nobel Prizes or great progressive research. Their reaction to the mention of Caltech is usually, "Oh, that's where Linus Pauling is, isn't it?" Respect for Dr. Pauling seems to be at a high level throughout the academic community here.

378 Reply To Y Poll

BY GERALD CHANDLER

The results of the poll distributed in the undergraduate Student Houses by the YMCA last Wednesday indicate that the average undergrad has a strong aversion to admitting interest in anything that may take time. The 378 responses, which pleased the YMCA immensely, had a total of 5505 checks in the column headed "Not Interested". Could it be that this aversion results from a fear that the responder will be trapped into working on the programs?

Apparently, the YMCA's varied programs are so interesting that the average responder could not control himself, for he made a total of nine checks in the two positive columns, "Might Attend" and "Might like to work on it."

In order of the interest shown, the most positive response was received on the Special Speakers program, the Y film series, Leaders of America, Faculty Firesides, Male-Female relationships and Diners' Club.

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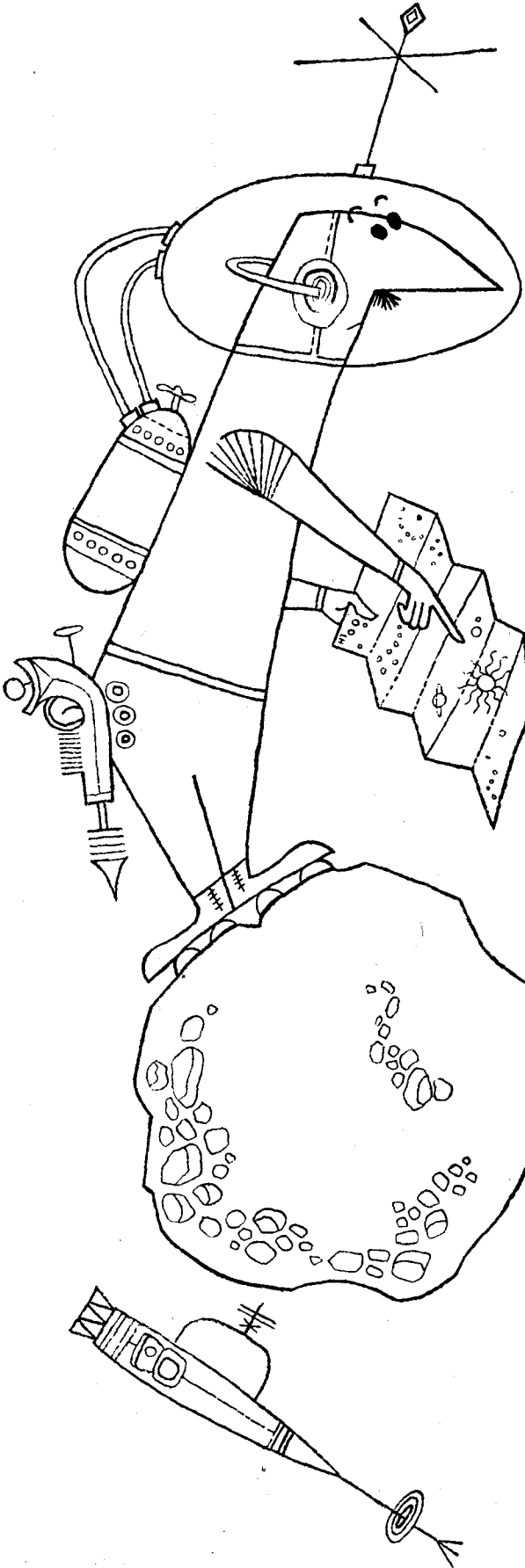
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SPORTS



—photo by Bruce Sirovich

Beaver quarterback Bob Liebermann fades for a pass as LaVerne tackler closes in during last Saturday's game.

Beavers Look Stronger In Loss To La Verne

BY GARY CHAMNESS

Caltech's Beavers took a hard loss to LaVerne College Saturday afternoon at Tournament Park. The final count was 29-0.

The game looked better than the score as the timer's gun twice caught Tech a few yards short of the goal line. LaVerne's eleven had a tough battle against the determined Beaver team, but a disheartening series of injuries coupled with occasional defensive problems decided the contest.

Tech kicked off, and LaVerne quarterback Arty Keough led a mixed attack down the field to gain first touchdown for La Verne. His try for two more points was smothered by Beaver guard Evan Hughes.

Taking the kick, Tech fought back to the LaVerne 23-yard line under Dave Barker's direction before relinquishing the ball. As the second quarter began, the Beavers seized the offensive again and had moved to the 4-yard line when LaVerne's Dan Sweeney intercepted a pass in the end zone to take the ball back. A few plays later Leroy Brubaker broke free and was finally run down by Lee Peterson far downfield. LaVerne ran again, then inched forward against the tightening Beaver line. In position, Keough threw a short pass to Dick McAnulty in the end zone for six points and another to Mel Heckman for two more.

Another Interception

The next Caltech downs started well, until Barker was badly rushed and saw Sweeney intercept his long pass. LaVerne turned and forced its way to another score plus two. Then they called for an onside kick, but Tech guard Larry Ruff held onto the ball and charged back to LaVerne's 45 before being dragged down. The following attack was spearheaded by Ed Cline's rushing and a fine catch by Jack Arnold, and Barker called the signals with cool authority, but

the halftime gun ended the march still short of the touchdown.

Second Half

The second half began, and for a while the teams traded the ball back and forth with little effect. The Caltech defense looked good, and Hughes recovered one LaVerne fumble. But then LaVerne runners got loose twice in quick succession — Peterson nailed the second all the way back at the 10-yard line. A pass to Heckman (one of the top small college pass receivers) made the score 28-0, and the kick was good for 29.

Barker was short in the next series, pretty much ending a really fine performance although he came in later for a few more plays. Bob Liebermann, who had been filling in at the halfback and end positions, took his place as quarterback. As the fourth quarter opened, Chuck Vinson-haler intercepted a pass over center and then two plays later stole the ball again on a LaVerne fumble. The Beavers drove forward, only to have a pass intercepted and brought back to midfield. But Dave Hewitt grabbed another LaVerne fumble, and Liebermann unleashed Cline in a nice run to begin the final attack. Two passes to Peterson and rushes by Liebermann and Cline carried the Beavers to the 3-yard line before the gun sounded.

Prospects Good

Prospects for this week are good. Southern California College lost to Azusa 58-8, and should be ready for similar beating by the toughening Beavers if some injuries heal up. Art Johnson and Geary Younce are gone for the season, Mike Cosgrove will have to miss this game, and Barker, Steve Gorman, and Leon Thomsen are uncertain. They'll all be missed, but their replacements showed up well last Saturday, and the team is confident of a good showing this week.

UCLA Tops Soccermen

Last Saturday a Beaver soccer team in full strength faced a strong UCLA with a complete sense of equality. The first minutes of the game saw two goals, the first by the Bruins, the second by Jerry Davis of the Beavers (with an assist from a UCLA fullback).

The remaining two goals were scored by UCLA before the end of the first half; one of these was a lob over goalie Don Wi-berg's head; Don jumped up and retrieved it, only to lose it in a shuffle on the ground. The other goal was a very long kick from some forty yards out that bounced luckily into the goal.

The Beavers suffered from a weakness in the midline which made it difficult to get the ball from our brilliant defense through the strong UCLA half-back line to the competent front line. Nonetheless, the initiative was held by the Caltech squad for a good part of the time; at least three times during the first half, and again in the scoreless second half, Caltech wrangled favorable opportunities to score but was unable to make the final shot past the goalie.

JV's Lose

That morning the Beaver JV's had their second game with the UCLA junior varsity. Without substitutions and having lost captain Jim Yoh, who was injured in the first minutes, the squad nonetheless held the score to 4-0.

Tech Sailors Place Fourth In Regatta

With two skippers who had never raced before, had never sailed in **Lehman 10** dinghies, and had never even seen Newport Harbor, Caltech ended up fourth among seven schools competing in the Orange Coast Invitational Regatta Sunday. Sailing one-mile courses under very crowded conditions in a light to moderate breeze, Caltech teams took a second place and three thirds, and did not finish two races.

Alternate races were sailed by the A division team, consisting of John Letcher and Alan Dauger, and the B division, Bob Gilman and John Rayner. In the first race the A team finished third, and in the second the B division followed suit. In the third race there was a hard-fought battle for second place among three boats, and Letcher and Dauger took it by inches.

Two Boats Fouled

In the fourth race, Gilman ran afoul of a buoy, and in the fifth Letcher fouled another boat, so the races were forfeited to avoid penalty points. In the last race Gilman and Rayner almost won a close fight for second, but they had to settle for another third.

Santa Barbara and Occidental tied for first with 31 points. Orange Coast, a sure bet for first until its boat capsized in the last race, took third with 30 points. Caltech placed fourth with 24 points, ahead of Long Beach State, Cal Poly, and San Diego State.



Beaver Chips

By Noll

The Return of the Native

The most important single event in the 1961-62 chapter of Caltech athletic history occurred last Monday. Strangely enough, this column is probably the only place you'll hear about it, but by no means does this indicate the importance of the event. This one single factor will give Caltech a championship contending basketball team, and possibly, if all goes well, a much better baseball team. The event? John Arndt was given doctor's permission to play intercollegiate athletics again.

Arndt is the best all-around athlete in the school, the most versatile athlete since Fred Newman. He couples plenty of ability with even more hustle and spirit, making him outstanding in football, basketball and baseball. Although he seldom is a "headline-grabber," due primarily to the fact he is a team player rather than an individual star, he is always the key man on a team, the consistent, reliable player that everyone falls back on when the going is rough.

Needless to say, the Caltech athletic world was pretty gloomy when Arndt was seriously injured by a "beanball" in a baseball game last spring. One doesn't give up an All-Conference football end, a first string guard in basketball, and a top-notch infielder (also a pretty good guy) without wincing. The basketball team especially had relied on Arndt's presence to spark them to a good season. When Arndt announced Monday that he was able to play this season, after being told several times he couldn't, the basketball team was ecstatic.

Although it's been said before (for instance, a paragraph ago) it couldn't happen to a nicer guy. It's a real experience playing on the same team as Arndt—his witty remarks and zany antics keep everyone serious-minded. He does have a nice giggle, but sometimes he forgets how, and cries instead. At any rate, he's back—watch out.

Hope Springs Eternal

Saturday Caltech is going to win its first football game in two years, in spite of a spate of key injuries. The reasons are simple: (1) Southern California College is probably the weakest school in the nation, having bowed to LA Pacific (the team we cream every Wednesday in practice) 20-0, and (2) a couple of second-stringers have proven pretty gutty characters in replacing injured stars. A good example of reason two is Bob Liebermann. Now, no one is going to claim that Liebermann is the best natural quarterback in college football—he's little, not what you'd call exceptionally fast, and not the Rams' answer to their passing attack problems. But make no mistake, Liebermann is no liability when he's in there. Against LaVerne, with Barker in agony on the sidelines, Liebermann looked excellent running the team. The players have confidence in him, especially in his play-calling, and respect his guts and determination. And he is a very good runner—mainly because he is not afraid to put his head down and run into a maze of behemoths twice his size. No one can watch him for very long without really liking the guy—he is always giving all he's got, and in the most adverse situations he never looks bad.

If Barker is well, he'll be the starting quarterback—you have to go with experience and an excellent passing arm. Barker is, after all, a fine quarterback. On the other hand, don't worry about that much-desired victory slipping away if some kid that looks like an escapee from grammar school trots out on the field to run the team—he'll teach you an object lesson in determination and leadership, prime prerequisites for effective quarterbacking.

California Tech

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Editors

Bruce Abell, Dave Benson, Lee Molho

News Staff

Vernon Bliss, Kris Davidson, Walt Deal, Richard Karp, Bob Liebermann, Jay Lippman, Pete Lippman, Charles Michener, Bill Pence, J. C. Simpson, Evan Suits, Marcia Thamm, Hal Wyman, Bob Greenwald

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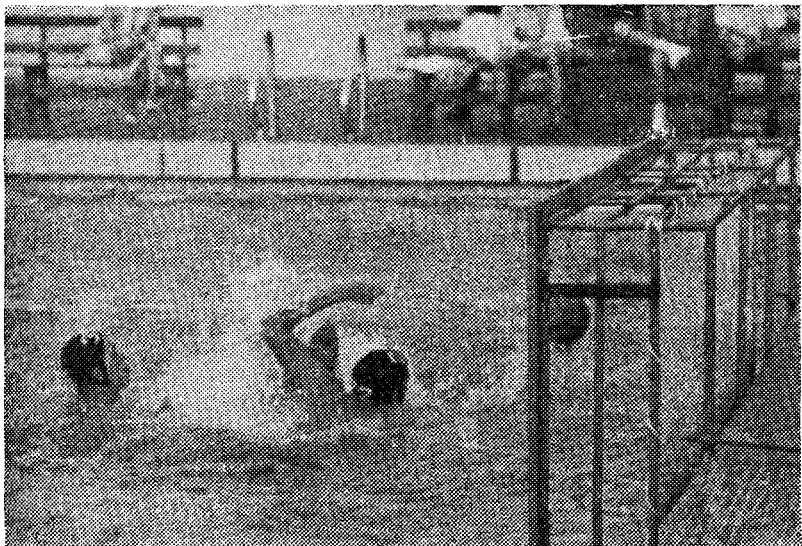
Peter Ford: Editor

Vince Hascall, Steve Hall, Bill Howard, John Letcher, Roger Noll, Julian Prince, Tom Saltee, Bruce Sirovich, Gary Chamness

Business Staff

William Rosenberg, Manager
Circulation: Howard Monell

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Forward Bruce Chesebro shoots goal against C-HM.

Darbs Top Flems In Trophy Game

Dabney beat Fleming 34-13 in football last Wednesday to take over temporary possession of the Discobolus Challenge Trophy. The Darb attack was led by tailback John Arndt who ran for two touchdowns and passed for two more. The constant running threat helped keep the Flems' defense vulnerable to the passing attack of the team in green. Carl Hamilton and Chuck McBurney were the touchdown pass catchers. Dean Gerber scored the fifth touchdown when he returned an intercepted pass for a score. The Fleming TD's came on two passes from tailback Bill Smith, one to Bill Rowe and one to Bill Schoene.

The second Discobolus contest, a softball game between Dabney and Ruddock, was scheduled for yesterday. The next challenger for the Trophy is Page.

Next Games

Tomorrow the Webmen go to Redlands to play; on Tuesday they go to Oxy. This latter game should be very good since Oxy also lost to Pomona but has a better-balanced squad than the Sagehens and will be out to improve its record. It could be one of the decisive games.

Frosh Basketball Starts

Frosh basketball practice will start on Monday, October 30. All frosh interested in playing should report to the gym at 4 p.m. on Monday. The new coach of the frosh team will be Carroll Holly, a former player at Pasadena College.

Bad Luck, Pomona Beat Frosh Team

Saturday the Tech frosh football team was defeated by Pomona 30-0 at Pomona. The game was much tighter than the score would indicate, with Pomona capitalizing effectively on good luck while Tech was unable to connect. Pomona made good use of its blocking of three Tech punts.

The frosh were hurt with a large injured list and small initial roll. In the third quarter the starting quarterback, Chuck Holland, received a dislocated shoulder and left the game. The team was then skippered by Sam Sherman, moving over from offensive end to head an effective passing attack.

Barry Dinius played an outstanding game both at defensive middle guard and offensive right end. The defense looked especially good during the second half, limiting Pomona to eight points.

With a steadily-diminishing bench, the frosh were fortunate in playing on a cool day; the limited reserves were at least not heat-exhausted.

Parents' Day

(Continued from page 1)

who would be happier in the Tech environment than anywhere else. Any student admitted can pass, but he must realize that he will face discouragement. CIT offers superior training and inspiration. "We fervently hope it is the right way and therefore the happiest."

Peter Miller juggled the statistics of College Board Scores, geographical distribution of students high school records, and other statistics. I omit them because we've heard them before and we know they are impressive. His conclusions were that a student must have flexibility and drive. They have been chosen so well that it is only the lack of these qualities when setbacks occur that cause any of them to go wrong academically.

R. A. Huttenback explained the control and functioning of the Student Houses. The Houses play an important part in our education as places where we live together and exchange ideas with our fellow students.

Foster Strong, introduced as a substitute mother, told a little about what is expected of a Caltech student. He explained study as deliberate confusion designed to teach the student self-education.

Emerymen Defeat C-HM, Lose To Pomona In SCIAC Game

The varsity water polo team split its first two league games, decisively defeating C-HM 14-6 in the Alumni pool on Tuesday, before going down before first-place Pomona 11-6 in the Sagehen pool on Friday.

Against the visitors from Claremont the Beavers had it all their own way after a disorganized first minute. The Stags seemed unable to cope with the faster swimmers from Tech. In one particular effective play, Gary Turner, guard, would break downcourt ahead of his slower-swimming guard and could either shoot all alone or pass off to a free man if someone tried to cover him. Such swimming gave Turner his first three goals of the season and put CIT ahead 7-0 at the end of the first quarter.

From then on the starters it became a better game, but there never was any doubt about the outcome. Alan Huber, starting goalie, did an excellent job at that post, giving up only one score and that one on a penalty throw. Bruce Chesebro was high-point man for the Beavers, netting seven in the two quarters he was in the ball game.

Pomona Game

At Pomona it was a different story. The narrow Pomona pool combined with a zone defence managed to foul up the Tech forwards. Tech would still have managed to overpower the Sagehens easily had it not been for their forward, Basset. He personally accounted for 9 goals as Pomona won 11-6. An extremely fast shooter, no one could stop him once he got his hands on the ball.

The Beavers played a very scrappy game and managed to outfight the Sagehens almost every time there was a free ball. In particular, two goals came as a result of a scramble for the ball near the goal which Techmen won.

Frosh Lose Two

The frosh water polo squad did not fare as well and lost both of their opening conference games. At home they went down before a strong C-HM squad 18-6, and then lost to Pomona 11-7. The team as a whole is much improved over a few

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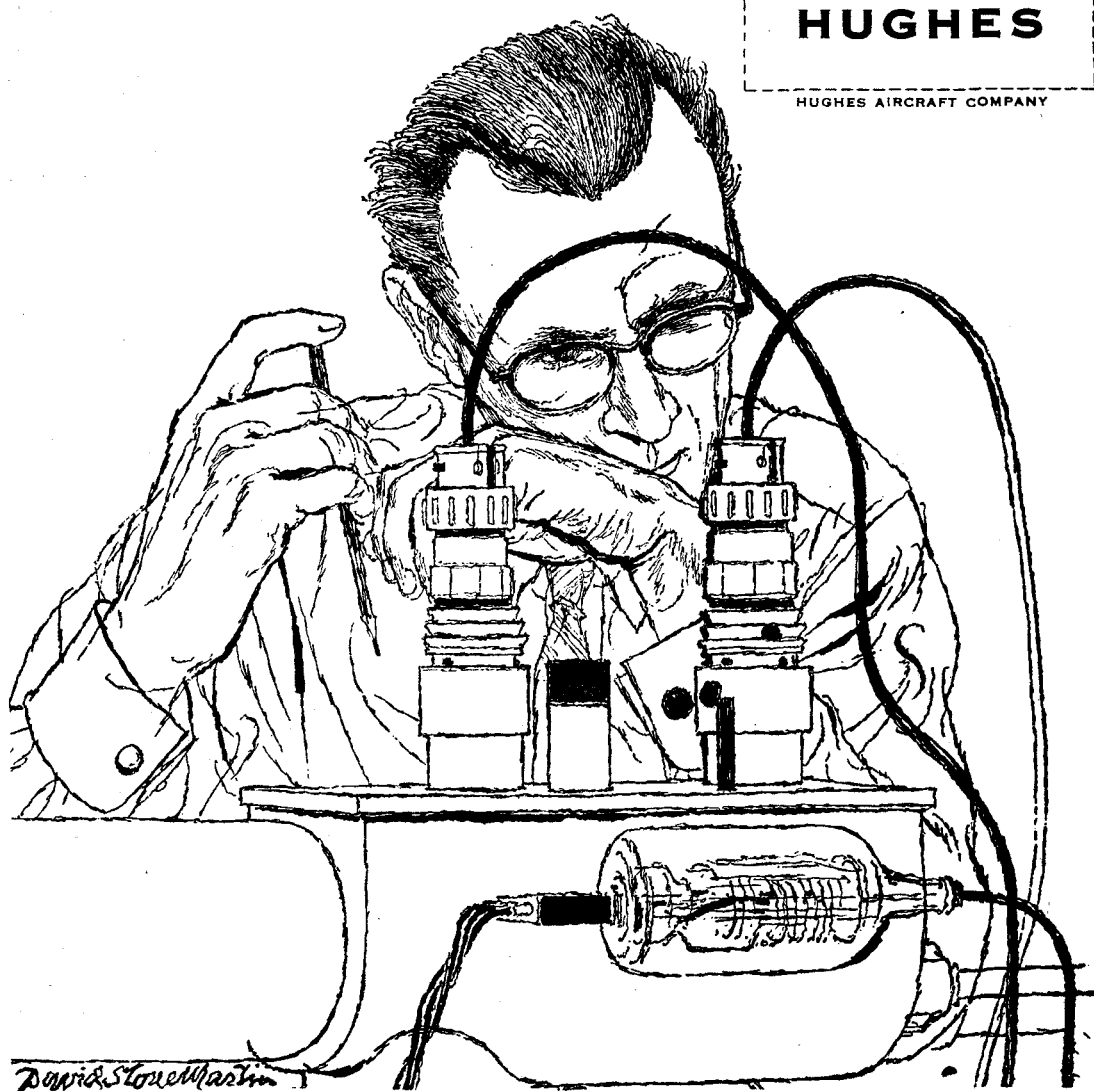
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Music

(Continued from page 3)
philosophy and music. To be sure his love belonged to all arts, and in his book on Aesthetics he certainly contributed very much to a better understanding of the visual arts. Yet music was his favorite child among the arts. In his Aesthetics, Mead designated music as "the most inexhaustible source of aesthetic value."

"The consciousness of the intimate link between philosophy and music is almost as old as Western thought. In his Timaios Plato admonished us 'neither to exercise the soul without the body, nor the body without the soul, so that they may be evenly matched and sound of health.' Thus a student of mathematics, or any other subject, who works hard with his intellect, must also provide his body with exercise by practicing gymnastics; while he who is diligent in moulding his body must, in turn, provide his soul with motion by cultivating music and philosophy in general, if either is to deserve to be called truly both fair and good."

"To be sure, to the Greeks the word music or mousike had a wider meaning than for us. It implied all activities over which the Muses presided — those inspiring goddesses of all the arts and even of certain sciences, like astronomy and history. But Plato also referred to music in a narrower sense, as the art of combining audible sounds, when he wrote, in his Timaios: 'Music was bestowed for the sake of harmony, and harmony which has motions akin to the revolution in the soul within us, was given by the muses not as an aid to irrational pleasure, as is now supposed, but as an auxiliary to the inner revolution of the soul, when it has lost its harmony, to assist in restoring it to order and concord with itself.'

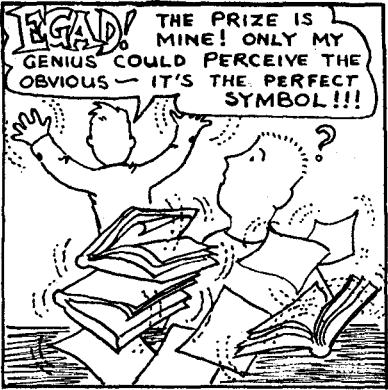
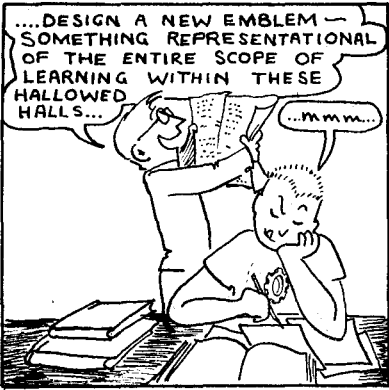
"Every music lover will agree with this Platonic affirmation. The deep consolation a grief-stricken soul may obtain when hearing a sonata by Beethoven confirms Plato's typically Greek interpretation of music as a restorer of harmony in man's soul."

"In Plato's dialog Phaedo, Socrates, before going to his death, declares: 'Philosophy is the highest music.' As an eager student and admirer of Plato, Hunter Mead realized the necessity of combining philosophy with music. The harmony in the universe, recognized by the scientist and interpreted by the philosopher, was to him the model of the inner harmony which should govern man's soul. And he also realized that the main source of this inner harmony was music. Thus Hunter Mead's life can be epitomized in Plato's formula: 'Logos mousike kekramenos' — philosophy, tempered with music."

Guys And Dolls

(Continued from Page 2)
the classic appeal of the music from West Side Story, they are catchy, very funny, and extremely clever. Runyonesque humor, of a type that would probably be more appreciated in New York, abounds, and the show is filled with interesting and clever characters like Nicely-Nicely Johnson, Angie the Ox, Harry the Horse, Society Max, and others. Despite the sacrilegious insertion of a comment about Bob's Big Boy, even a New Yorker can be charmed by its appeal.

CAL TECH



...by Bjo



Brewins



Plumbers Pleased, Derbyes Dismayed

Members of Plumbing House were much in dismay, feeling like devils without tails, when gentlemanly music filled the air and seldom-seen female creatures were seen drifting across the land of the palm trees. Fortunately for aforesaid House, but unfortunately for Derby House, less-than-gentlemanly Wenchae found their way to Raunch House lounge where all raised their voices in joyful song. The Raunch House social chairmen voted their heartiest thanks to the financiers of the party.

Blacker Breach

Blackahman Sanderfun and crew found hard going in their attempt to create the Honorable Eleanor Roosevelt Alley. Minute-Taker Sponson tactfully tried to neglect movement of Founding Fathers by omitting said alley from the allpervading House list. He had, however, not counted on the Roosevelt Fifth Column. Kidnapped and altered House List appeared on schedule, much to the dismay of all but the Triumphant Eight and One-half.

Bishop Blushes

Recent Raunches - vs. - Gentle-

men Barn Dance was the source of much embarrassment for high official of 69th Gospel Church. Bishop Gleet, attired in official garb was conducting research for his other, anti-woman, office when a sudden hush fell over the assemblage. Beak could not hold back ensuing laughter. Only person who did not see joke was aforesaid church member who was joke. Even the stablemates blushed as manly symbol of churchly power — one chastity belt — slipped innocuously to his feet.

Beak Burnt

In the dark caverns of the

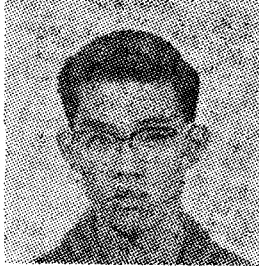
Tech Office nerves wear thin as deadlines approach and all realize unlimited amount of snaking which will never be done. Beak was quietly setting down this humble column when petitioned for several cancer sticks, of which he was in short supply. Reply to these requests was a reflex comment dealing with more or less intimate heterosexual relations. The words had irrevocably escaped his lips when female secretarial assistant was noticed at opposite end of room. Moral — all the better to stick your foot in.

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Plus — A carton of Viceroy's to all students who got all the winners right, regardless of scores!



Here Are the Contest Rules:

1. Any student or faculty member on this campus may enter except employees of Brown & Williamson, its advertising agencies, or members of their immediate families. All entries become the property of Brown & Williamson—none will be returned. Winners will be notified within three weeks after each contest. Winners' names may be published in this newspaper. You may enter as often as you wish, provided each entry is sent individually. Contest subject to all governmental regulations. Entries must be postmarked or dropped in ballot box on campus no later than the Wednesday midnight before the games are played and received by noon Friday of the same week. The right to discontinue future contests is reserved.
2. Entries must be in contestant's own name. On the coupon in this ad or on an Official Entry Blank or piece of paper of the same size and format, write your predictions of the scores of the games and check the winners. Enclose an empty Viceroy package or a reasonable rendition of the Viceroy name as it appears on the package front. Mail entry to Viceroy at the Box Number on the entry blank, or drop in Viceroy Football Contest Ballot Box on campus.
3. Entries will be judged by The Reuben H. Donnelley Corp., on the basis of number of winners correctly predicted. Ties will be broken on the basis of scores predicted. Duplicate prizes awarded in case of final ties.
4. Winners are eligible for any prize in subsequent contests.

(Attach Viceroy package or facsimile here)

For games played Sat., Nov. 4th

Viceroy College Football CONTEST NO. 3

Here are my predictions for next Saturday's games. Send my prize money to:

NAME _____ CLASS _____

ADDRESS _____

(PLEASE PRINT PLAINLY)

WIN	SCORE	WIN	SCORE
<input type="checkbox"/> U. C. L. A.	_____	<input type="checkbox"/> California	_____
<input type="checkbox"/> So. California	_____	<input type="checkbox"/> Washington	_____
<input type="checkbox"/> L. A. St.	_____	<input type="checkbox"/> Calif. Poly.	_____
<input type="checkbox"/> Long Beach St.	_____	<input type="checkbox"/> Fresno St. (Nov. 3)	_____
<input type="checkbox"/> Minnesota	_____	<input type="checkbox"/> Michigan St.	_____
<input type="checkbox"/> Notre Dame	_____	<input type="checkbox"/> Navy	_____
<input type="checkbox"/> Calif. Tech.	_____	<input type="checkbox"/> U. C., Riverside (Nov. 3)	_____
<input type="checkbox"/> S. M. U.	_____	<input type="checkbox"/> Texas	_____
<input type="checkbox"/> Michigan	_____	<input type="checkbox"/> Duke	_____
<input type="checkbox"/> L. S. U.	_____	<input type="checkbox"/> Mississippi	_____

Contest open ONLY TO STUDENTS AND FACULTY ON THIS CAMPUS.
Mail before midnight, Nov. 1, to: Viceroy, Box 94-C, Mt. Vernon 10, New York