

## Tech to host student visitors

### Athletic awards banquet to be at Brookside Park this Tuesday

This year's athletic awards banquet will be held Tuesday evening, December 6, from 6:30 to 10:00 at Brookside Park. This affair is held to honor the school's first team athletes. The master of ceremonies will be Dr. David Elliot. The guest speaker has not been selected as this paper goes to press.

The admission will be \$1.50 for team members and managers and \$2.75 for the general public. Everyone is invited to attend. At the dinner the teams will be introduced and several awards will be presented to the outstanding men on the team. Among the awards to be given out will be the Wheaton award for the outstanding football player of the year, the outstanding soccer player award, letters and frosh numerals.

The members of the football varsities of the 1925, 1935, and 1945 seasons have been invited to attend as guests.

Those receiving letters in varsity football are: Phil Conley, captain; Larry Berry, Larry Whitlow, Ed Krehbiel, Luke Bogdanovic, Don Stocking, Charley Malone, Del McCune, Kyle Bayes, Joe Lingerfelt, John Myers, Larry Stanley, Bill Moeur, Ed Nelson, Marty Tangora, Bruce Blackie, John Lukesh, Dick Van Kirk, Steve Nathanson, Lance Hays, Jim Workman and Ed Hershberger, manager.

Those receiving numerals for frosh football are: Fred Newman, co-capt.; Russ Pitzer, co-capt.; Dee Alcorn, Bob Ingram, John Conover, John Stevens, Dick Gustafson, John Kelley, John Price, Tony Leonard, Bob Huebotter, Neal deGaston, Bob Evanhoe, Frank Childs, Wally Baer, Gordon Baird, Joe Jurca, Mike Engleberg, and James Myers, manager.

Those receiving letters in cross country are: Fred Witteborn, Don Lewis, Dan Wulff, Tom Moore, Dave Yount, Reed Saunders, and manager Bill Dietrich.

Those who are getting J. V. awards and frosh numerals for J. V. soccer are: Brent Banta, Moulton, manager. Larry Tenn who played varsity soccer is receiving frosh numerals.

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### Dr. Alfred Ingersoll returns from India, reports on educational facilities there

by Al Farley

Dr. Alfred C. Ingersoll, assistant professor of Civil Engineering at Caltech, recently returned from a year's leave of absence in India where he taught at the Bengal Engineering College, and an interview with him afforded an opportunity to learn something about the condition of higher education in India. Dr. Ingersoll went to India as part of an exchange program which was an outgrowth of past President Truman's Point Four program. As Dr. Ingersoll put it, the purpose of this program is to, "... spread technical knowledge throughout newly independent countries."

The undergraduate student body at Bengal Engineering College is just about the same size as that at Tech, however, all of

### Business manager elected tomorrow

Elections will be held tomorrow to select a business manager for **The California Tech**. John Bailey, former business manager, resigned the office when he received an appointment in the U.S. Army.

Nominations for the office were open through Thursday noon. At the time of publication Dan Chilton, **Tech** circulation manager, was the only nominee for the office.

The business manager conducts the advertising and business phases of the **Tech** and is responsible for the finances of the paper. He receives substantial commissions on sales of both national and local advertising.

### Caltech students will attend Asilomar confab this month

The Asilomar Conference has been scheduled during Christmas vacation, December 26 to January 1. "What Does It Mean to Be" is the theme for discussion groups, lectures and seminars. Between 400 and 450 students from colleges in California, Arizona, Nevada and Hawaii are expected at the conference, which will be held near Monterey.

The purpose of the Asilomar Conference is to provide college students the opportunity of meeting students from other schools and exchanging ideas on religious topics under the supervision of authorities in the many fields of discussion. Each day has a schedule which

the students are engineers. There is no sizeable graduate school, because of its prohibitive cost and the fact that private scholarships and research funds are not available. Dr. Ingersoll was originally scheduled to teach in the graduate school, but because of its condition and the need for teachers in the undergraduate school, he taught fluid mechanics and hydraulic engineering to the undergrads.

The division between the different branches of engineering is completely different from that found at Caltech. Out of a class of 180, there are 90 CE's, 30 ME's, 20 EE's with the remainder made up by the student architects, mining, metallurgical and chemical engineers. This is quite a contrast with our 8 CE's, yet Bengal Engineering College has

### Tech debaters in tournament quarter-finals

Four Tech debaters and their coach Dwight Thomas returned recently from a successful trip to the Western Speech Association Tournament at Pacific Lutheran College in Parkland, Washington.

The lower division team of Andy Perga and Tom Gunckel placed second in a field of 40 teams in their division, while the upper division team of Myron Black and Mike Bleicher reached the quarter finals, placing in the first eight of 59 teams in that division. More than 50 colleges from 11 western states were represented at the tournament, which was held November 21 through 23.

Perga and Bleicher were members of the debate squads that took the top two places in this tournament last year, which was held in Tucson, Arizona.

Students who might be interested in forensics second term are urged to contact the debate coach in 301 Dabney.

includes an address by Dr. Gordon Kaufman of Pomona, small discussion groups, seminars supervised by eminent men in their fields, chapel, and a variety of recreational activities in the afternoons and evenings. The entire conference is planned and run by student committees.

Arrangements to attend the conference can be made through Wes Hershey at the Y office. Room, board, and registration fee will total \$41. The fact that 25 have registered thus far, more than twice Tech's representation last year, indicates that Techmen are beginning to realize the merits of being in a classroom with coeds as well as enjoying all the other social benefits this conference offers.

the same number of instructors as we do. Because of this lack of teachers, there is a serious problem arising from lack of personal attention. The students unlike those here, are extremely Phil Thatcher, Wayne Nelson, Lew Linson, Kay Sugahara, George Hall, Walter Weiss, Dick Dietz, Hugo Fischer, Robin French, Hal Dessau, George Ilves, George Poor, Jon Wright, Dick Kaufmann, Jim Hall, Chuck Penquite, Gene Robkin, and manager John Young.

Those getting letters for varsity soccer are: Rafn Stefansson, captain; Sedat Serdengecti, Bob Norton, Olaf Boedtker, Tony Howell, Curt Schulze, Arne Kalm, Harry Bingham, Ed Berry, Len Wiener, Jim Weaver, Jon Mathews, Steve Mak, Joe

(Continued on page 4)

### Many exhibits, campus tour, talks await area students

This Saturday from 9:00 a.m. to 4:30 p.m., Caltech students and faculty will be host to one thousand high-school seniors and juniors, and high-school science and mathematics instructors. Arne Kalm is the Student Chairman and Howard Bloomberg the Head Guide of this year's Students' Day program. Prof. C. W. McCormick is faculty advisor.

### Dabney Hall to be scene of annual dance

The annual ASCIT Christmas dance will be held on Saturday, December 3, from 9 p.m. to 1 a.m. in Dabney Hall of the Humanities. It will be the final social event of the year.

Rather than charging a fee, a Christmas toy is required for admission. Each couple should bring two toys, which should not be wrapped. These toys will go to needy children in the Los Angeles area.

The Christmas tree and other decorations will be provided by the Service League, an organization made up of the parents of local Caltech students. Dress will be coats and ties for the men and party dresses for the women.

Dave Pell's Octet will provide the music for the occasion. His popular jazz band is composed of ex-members of the Les Brown band; they are: Don Fagerquist, trumpet; Ray Sims, trombone; Ronny Lang, alto; Paul Smith on the piano; Jack Sperling, drums; Tony Rizzi, guitar; Rolly Bundock, bass.

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### 'Browning Version' offered Sunday, last film of series

"The Browning Version," 1951 British film starring Michael Redgrave and Jean Kent, will be shown next Sunday at 7:30 in Culbertson. Admission will be 35 cents.

The program will also include "Pigs Is Pigs," a Disney color cartoon about reproducing guinea pigs, and a color travelogue.

"The Browning Version" is taken from a Terence Rattigan play about an unloved schoolmaster on his way out of an English school. Hated by his pupils, laughed at by his colleagues and betrayed by his wife, he regains his dignity through the affection of one boy.

Many critics call "The Browning Version" the best English film seen in this country since the war. It has never been on television.

This is the last YMCA film series program for this term. Planning has begun for next term's film slate, which will include Alfred Hitchcock's **Lifeboat** and two other feature films. Suggestions for next term's program will be appreciated. They may be given to the Y office or to John Carney in Blacker.

The Y Film Series committee is in urgent need of new members and new chairmen. Responsibilities include program planning, ordering of films, publicity and ticket taking. Interested people should see Gordon Reiter in Blacker.

### Niemann gives talk on enzymes

Dr. Carl G. Niemann will speak on "The Chemistry of Enzymes" at the Friday Evening Demonstration Lecture this week at Caltech. The lecture will be given at 7:30 p.m. in room 201 of Norman Bridge Hall of Physics.

Dr. Niemann is professor of organic chemistry and chairman of the recent meeting of the National Academy of Sciences held on the Caltech campus.

During World War II he was an official investigator for the National Defense Research Council, and also served as scientific advisor and expert consultant to general headquarters of the armed forces.

Dr. Niemann received his B.S. from the University of Wisconsin at Madison, and received his professorship from the Institute in 1945.

### California Tech

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## The World and Tangora

by Alphonso Tangora

Are you disappointed with college life? Do you feel that you are missing out on the kind of education you really wanted? Have you decided that American colleges are characterized by an atmosphere full of superficiality and false values?

If so, you would like to meet Professor James P. Chaplin, chairman of the Department of Psychology at the University of Vermont. To quote Professor Chaplin: "I would abolish all fraternities, sororities, spectator sports, and most student extra-curricular activities, in a Utopian college."

If you will permit me to be so bold, I have a somewhat different idea of a Utopian college. (On a farfetched guess, I would hate to be enrolled in a two- or three-unit course under this guy.)

I don't mean to quote Prof. Chaplin out of context. The quotation above (which appeared in an Intercollegiate Press bulletin early this year) was taken from an address entitled "The Values of Education." He went on to assert that most present-day college graduates are essentially failures, because they are ignorant in many areas, "have poor attitudes," and generally let their education drop upon graduation. He pointed out that fraternities are usually of benefit only to those college men that least needed the kind of social

improvement they provide and extended this idea to the whole field of non-academic activities.

Prof. Chaplin's solution to the problem is a complete revamping of our educational system, arranged in such a manner that nobody will damn well ever go to college who doesn't plan to study hard and study long and not diddle away his spare time with athletics, politics, and such recreations.

The person who does not have the type of mind adapted to such a reflective life would leave school at about the present junior-college level, and the colleges would be populated exclusively by serious scholars.

My tendency is to be a little afraid of the type of college graduate who would be a product of this system. Equipped with a splendid formal education, unable to pull himself off the ground with both arms, aware of all the political forces of modern America and kind of noisy with a soup spoon, he would be the upper crust of a new society.

If that is Utopia I'll settle for Caltech.

## Campus Brewins

"Life may be a farce or fountain; just don't make waves." Sound advice to visitor Rastus Spasmquody on Students' Day

She couldn't say no-or wee

The Beak has run across a very unusual girl from South Pass. Self-styled Romeos please take note. It seems she doesn't want to do anything. She doesn't want to drink coffee with Henry Phipps; she doesn't like Big Boys eaten with Henry Phipps; she didn't want to see any movies with Henry Phipps; she wasn't eager to see the Dublin Players with Henry Phipps; and it was getting late so she didn't even want to talk on the phone

any longer with Henry Phipps. C'est la vie!

He couldn't say nothing

Dirty Dick Van Kirk was momentarily thrilled when he returned from his relaxing Phoenix vacation to discover a letter from a girl (Gawsh, one of those again.) His spirits rose even higher when he read she was asking him to a formal dance. His optimistic roommate chirped "Gee, she really must have been hard up. I hear most of the girls got their dates at least three weeks ahead." You can't even dream in peace nowadays.

The Beak was disturbed to discover that at the Fleming-

Throop Roman (ce) Party there were more Roaming parties than Romans. Just what the Beak is trying to say is that there was some bird dogging going on. To keep the boors in order "end" Larry Whitlow came as Attila, the Hun, or some other barbarian, "compleat" with battle axe and/or date. By the way, just what is the difference between punch and nectar?

Taint no moor

The wooden bent of Tau Beta Pi has been stolen, pilfered, or just plain taken. All that remains is a stub and the cryptic note "The logical male belongs to a Z." After the announcement "Will anyone who knows of the whereabouts please contact the president of non-members of the Dart Club?" one initiate came up with a very original idea concerning where to put the stub.

They said too much

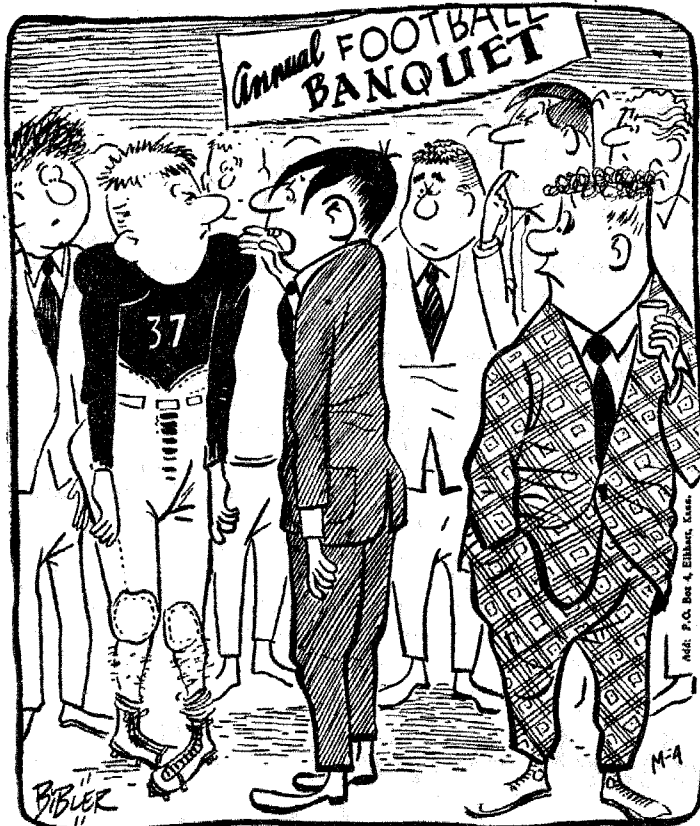
Keeping in line with recent trends (It's Sadie Hawkins Day in Lil Abner.) two more Darb seniors, Curt Schultz and Ray Orbach, have announced their "tube-descent intentions." this week, i.e. engagements. Pete Stair had previously announced his marriage for December. Nevertheless, with such staunch, fearless, courteous, kind "bachelors forever" as Howard Berg, B. Better Jetter, and Lou Letcher, the class of '55 will never reach 100%. In fact, "Icey" Berg was observed holding his stomach as he moaned authoritatively through a cloud of five cent engagement cigar smoke that "I just play the field boys, I just play the field."

The Beak was extremely disturbed to hear that the Tech debate team was lodged up in Seattle in a girl's dorm over Thanksgiving. It seems that A.

(Continued on page 4)

### LITTLE MAN ON CAMPUS

by Dick Bibler



"WHEN COACH SAID SUIT UP FOR THE BANQUET, M'GIFFORD, HE MEANT—"

When you've earned a "holiday"  
And you take off to play...  
Have fun the best way—have a CAMEL!

# —Man, that's pure pleasure!

It's a psychological fact:  
Pleasure helps your disposition.

If you're a smoker, remember  
— more people get more  
pure pleasure from Camels  
than from any other cigarette!

No other cigarette is so  
rich-tasting, yet so mild!



# Camel





# LETTERS

## Shooting scene in dining room brings end to 'adultery' hoax

by James Scanblag

Dear Ed:

There have been many loud wails and laments from the direction of the student houses, from time to time, because Buildings and Grounds Department has misplaced a telephone booth, planted ice plant instead of grass or done other things which have not met with wholehearted approval. Not wishing to set ourselves up as a judge in any difference of opinion between our contemporaries and B & G, but in an effort to be helpful in closing the breach, we should like to suggest that the first step in enlisting the assistance of B & G might consist of showing a little appreciation of the services which B & G normally performs for the students.

To be more specific, every year B & G reseeds and refertilizes the lawn just to the east of the houses, and that between Fleming and Ricketts. And just as faithfully, every year men in the houses devote a good deal of effort to trampling these same areas.

The first section of lawn referred to is used both by ambitious athletes who lack the stamina to walk over to Tournament Park and by Ricketts' brake drum rioters. Blacker also got their two cents' worth in by dumping their post-Inter-house debris there, and allowing it to sit unmolested for several days.

As far as the second section goes, it is rare indeed that anyone walking between Fleming and Ricketts takes the trouble to use the concrete walk when the grass is closer. This lawn gets especially hard usage on weekends, when meals are only served in one of the two houses.

We feel that the men in the houses would have a much bet-

"Oh, I just spent the night with a girl we met at the show," Jim Mebust answered in an offhanded way, when his roommate, Howard "Alfy H. Zornberg" Bloomberg, asked him why he had not been in the previous night. This was the beginning of a beautiful hoax.

Actually Mebust and Tom Dodge had gone to see a late movie that night, and on returning, had gone to Dodge's room, ostensibly to talk. The hour grew later, and Mebust decided to sleep in Dodge's roommate's (Bob Gelber's) bed. (Gelber was gone at the time).

All of the above took place on a Saturday night. When Mebust and Dodge arose Sunday morn, they knew that Howard (or Alfy, if you will) would be worried about Mebust's whereabouts. Accordingly, they fabricated the following fantastic tale for Mebust to tell Alfy:

Dodge and Mebust had gone to the show, and there met a young lady who was ready, willing, etc. The two flipped a coin to see who would take her home, and Mebust won. After dropping Dodge off, Mebust and lady friend continued to latter's house, where Mebust lost some golden bullets. However, despite the fact that the lass wore no wedding ring, she really was married, and to prove it, her husband, brandishing a revolver, chased Mebust out of the house.

At first Zornberg was skeptical of Mebust's story, but since his coefficient of gullibility is twice the norm, his doubts were soon swept away in the stream of Mebust's eloquence. As Alfy had swallowed the bait up to Mebust's elbow, he (Mebust)

ter talking point at their disposal in future discussions with B & G were they to demonstrate their ability to live in peace with a lawn.

(Name withheld by request)

and Dodge contacted the men who had seen him in Dodge's room the previous night—Larry Griffith and Frank Kofsky—and the four of them together went into immediate action.

First of all, in the middle of that afternoon, a girl called up asking for Jim Mebust. Alfy, who answered the phone, told her Jim wasn't there (actually, Mebust was hiding in the next room), and she told Alfy, "I have to talk to him . . . it's terribly urgent." Secondly, shortly after supper that evening, Alfy received a visit from a menacing-looking fellow who made alternate inquiries and threats about Mebust. Alfy's immediate reaction was to post the following sign on his door:

"Note: FIREARMS NOT ALLOWED IN STUDENT HOUSES (Mebust sleeps in bed to the left)."

What Alfy didn't know, of course, was that the girl was Griff's fiancée and the would be menacer was a grad student in geology.

The next day, Monday, the plotters, who by this time included Gelber and Russ Hunter, decided that it would be fitting to have Mebust "killed" at dinner by the jealous husband. Accordingly, a gun and blanks were gotten, a sinister, gunman-type was imported from Los Angeles and RLPL Prince Taylor was instructed to award Mebust The Bone at dinner. And, oh yes, Donna, the Y secretary, called up asking for Mebust, saying it was "terribly urgent."

The stage was set for the last act. The supper dishes cleared

## Treasurer's Report

The following are financial statements covering the consolidated activities of ASCIT for the fiscal year ending June 30, 1955. Included for comparison are comparable figures for the fiscal year 1953-54.

	1954-55	1953-54
<b>Income:</b>		
Dues and Assessments.....	\$10,228.00	\$ 8,333.40
Advertising .....	8,179.40	7,903.16
Other .....	1,945.39	2,114.59
Bookstore Dividend .....	1,450.00	1,512.50
Total Income .....	21,802.79	19,863.65

	1954-55	1953-54
<b>Expenses:</b>		
Athletic Awards .....	1,231.34	1,879.56
Miscellaneous Awards .....	219.24	320.11
Rally Committee .....	648.92	402.97
Supplies and Expenses.....	916.47	440.86
Presidents and Vice-President's Expense.....	199.19	162.39
Forensics and drama.....	794.43	881.09
Publicity Committee .....	2.50	203.47
Social Program .....	2,116.42	2,100.48
Athletic Banquet .....	443.90	458.85
Directors' Banquet .....	234.25	185.90
Printing, Engraving, and Photography.....	11,638.95	10,301.50
Editors salary .....	373.00	377.00
Other Salaries and Commissions.....	2,302.19	2,334.27

Total Expenses .....	21,140.46	20,207.19
Income in excess of expenditures.....	\$ 662.33	(343.54)**
		**loss

### ASCIT Consolidated Balance Sheet

Assets:	June 30, 1955	June 30, 1954
Cash in bank.....	\$ 3,720.91	\$ 3,649.29
U. S. Bonds .....	0	300.00
Invested with CIT.....	2,968.52	2,799.27
	\$ 9,601.49	\$ 8,092.73

Liabilities and Surplus:	June 30, 1955	June 30, 1954
Accounts payable .....	4,832.43	3,986.00
Cap and gown reserve.....	0	2,526.25
Surplus .....	\$ 4,769.06	\$ 1,580.48

Respectfully submitted,

John E. Young  
ASCIT Treasurer

away and The Bone presented him. Mebust got on his chair and in a voice choked with emotion, haltingly revealed his dire predicament and how it had come about. Just as he was coming to his conclusion, with the rest of the house close to tears, a burly figure burst through the curtains crying: "So you're the (insert "male puppy" here) who's been seeing my wife?"

and fired two shots in Mebust's direction.

There was an instant of silence. Then everyone began to applaud wildly. Everyone except Alfy. He just sat there with his mouth open, eyes glassy. But if you drop around to 17 Ricketts sometime, he'll be glad to tell you how he knew it was all a joke from the beginning, anyhow.

YOU'LL BOTH GO FOR THIS CIGARETTE!

Get together on **WINSTON**

WINSTON  
TASTES GOOD!

LIKE A  
CIGARETTE  
SHOULD!

Men and women both want real flavor in a cigarette — and Winston's really got it! That's why king-size Winston changed America's mind about filter smoking. The exclusive Winston filter works so effectively that the flavor really comes through to you. Winston tastes good — like a cigarette should!

Smoke  
**WINSTON**  
the easy-drawing  
filter cigarette!

## CAMPUS BREWINS

(Continued from page 2)

Perga was going to the censored for "to comb my hair," as he shyly related, when he discovered a feminine gender in said censored. Somewhat shocked,

she charged for the door only to find gallant Andy there before her. He bowed majestically, opened the door, and let her complete her flight. (The cough from behind closed doors really spasmed him.)



Why do more college men and women smoke

**VICEROYS**  
than any other filter cigarette?

Because only Viceroy gives you 20,000 filter traps in every filter tip, made from a pure natural substance—cellulose—found in delicious fruits and other edibles!

1. Yes, only Viceroy has this filter composed of 20,000 tiny filter traps. You cannot obtain the same filtering action in any other cigarette.
2. The Viceroy filter wasn't just whipped up and rushed to market to meet the new and skyrocketing demand for filtered cigarettes. Viceroy pioneered. Started research more than 20 years ago to create the pure and perfect filter.
3. Smokers en masse report that filtered Viceroy's have a finer flavor even than cigarettes without filters. Rich, satisfying, yet pleasantly mild.
4. Viceroy draws so easily that you wouldn't know, without looking, that it even had a filter tip . . . and Viceroy's cost only a penny or two more than cigarettes without filters!

That's why more college men and women smoke VICEROYS than any other filter cigarette . . . that's why VICEROY is the largest-selling filter cigarette in the world!



**20,000**  
Tiny Filter Traps...  
plus that Real Tobacco Taste

## Dr. Haagen-Smit receives award

The Second Annual Award of The Pure Air Committee was presented to Dr. A. J. Haagen-Smit, professor of bio-organic chemistry at Caltech. The award was made at a dinner meeting in the University Club of Los Angeles on November 28, 1955.

In an after dinner address on "The Future of Los Angeles Smog Control," Dr. Haagen-Smit discussed the sources of smog-forming materials and the effects which proposed measures will have on smog conditions in the years ahead.

## Prof. Clark to lead placement talks

An informal discussion of placement problems and interviews, led by Professor D. S. Clark, Director of Placements, will be held on Wednesday, December 7, at 7:15 p.m. in room 206 Dabney.

This meeting is open to all graduate and undergraduate students interested in the coming interviews.

## Y Lunch Clubs meet next week

Next week the YMCA Frosh Lunch Clubs will have the same speaker. The groups, meeting on Monday and Thursday, December 5 and 8 respectively, will hear Dr. Fred Lindvall discuss "Engineering Science."

The Undergraduate Lunch Club completed its series of talks on the religions of the world last week and will not meet in December. On Wednesday, December 7, the Grad-Faculty group meets in Dabney Lounge, not in the Athenaeum as previously announced. All interested persons are invited to come at 12:30 p.m. to hear the Caltech Glee Club's Christmas concert. Lunch will not be served.

Your Nearest Laundry  
SUDS-KISSED

Authorized Westinghouse  
Laundromat

Near corner of Lake and California

Dry Cleaning—Finished Laundry

Fee Parking—S&H Green Stamps

24-Hour Laundry Drop

922 E. California St. SY. 2-2300

## Dr. Ingersoll reports on year at engineering college in India

(Continued from page 1)

Swindt, Pete Hoag and Rube grade-conscious, mainly because the type of job they get when they graduate depends on the grades they made. There are three ways to graduate: first class passing, second class passing, and passing.

The schooling system in India is somewhat different from ours; a student graduates from high school at 16 and then goes to an intermediate school for two years. When he finishes there he goes to college for four years. The intermediate school has a general course similar to ours, and college consists of four years of specialization in one particular field. A graduate of the intermediate school is better off than a high school graduate in this country, but not quite the equivalent of our college sophomore. Their cost for one session or term is about 340 rupees or 75 dollars. This amount doesn't sound high except when one considers that the net yearly income per capita in India is \$57, whereas it is \$1546 in the U.S. BEC does have a good scholarship program however, and about one-third of the students receive aid from the government. The government also finances the building of new facilities and for every dollar the U. S. spends for Indian educa-

tion, the Indian Government spends \$1.57.

The social life of the students is practically nil. By and large, they aren't interested in girls! This is mainly because they don't have to worry about choosing a wife; their parents do that for them. There is some hope, however, because some of the men are beginning to find wives for themselves and then ask their parents to approve.

As opposed to Caltech's educational system, attendance is required at at least 75% of their classes during the year. Therefore most of the students have perfect attendance for the first 75% of the year and then don't go to any more classes until finals.

A typical day begins at 6:15 a.m. and all students begin classes at 7:00. There is an hour and a half break for lunch at 11:00, after which classes are resumed until 3:30. Then it's time for athletics until 5:30. Also, either before or after athletics, one has time out for tea. From 6:00 until 8:00 p.m. it's time to study, and then a large dinner is served to two shifts of students from 8:30 until 10:30.

Dr. Ingersoll said that the Indians' hospitality was unbelievable, and that they will go out of their way to accommodate anyone who goes to visit them.

## Cool Corner

By Frank Kofsky

Chico Hamilton Quintet, a Pacific Jazz high fidelity LP (PJ-1209), featuring: Buddy Collette, flute, clarinet and alto and tenor saxes; Jim Hall, guitar; Fred Katz, cello; Carson Smith, bass; Chico Hamilton, drums.

Modern jazz is sufficiently young so that there are no hard and fast rules to say what is or isn't permissible. Consequently, new musical devices are constantly conceived, tried and either retained or discarded on their merits.

For example, the Chico Hamilton Quintet, as stated above,

includes a cello, an instrument completely new to jazz. I must admit that prior to hearing the Quintet, I had wondered if the cello had a place in jazz, but listening soon convinced me that it did.

The use of the cello, while requiring greater dependence on written arrangements in place of improvisation, does not hamper the group's ability to meet the most important criterion in jazz: the ability to swing. All of the instruments, but especially the flute and cello, aid the Quintet in achieving a variety of moods that is astounding. Without being trite or hackneyed, they present some extremely charming selections.

Mulligan, Baker rereleases This seems to be the week for Pacific jazz. Just recently they released two twelve-inch anthol-

(Continued on page 6)



Christmas have you up a tree?

Keep your vacation free for fun—shop at your Arrow dealer's *beforehand!* Cover yourself and the men on your list with sure-bets like the Arrow button-down, shown. \$3.95. Or the new all-nylon "Frost Fighter" jacket—nylon-fleece-lined and light as a snowflake! \$19.95. Count yourself in on one, too!

**ARROW**

—first in fashion

SHIRTS • TIES • SPORTSWEAR



# Late rally gives LaVerne 34-32 win over Beavers

Caltech's varsity football team wound up its season with an outburst of offensive power, but the Beaver defenses failed to contain the attack of the La Verne Leopards, who staged a stirring second half rally to eke out a 34-32 win November 19 on the victors' field.

Tech started the game as if they meant to make a runaway of the contest, scoring three touchdowns before LaVerne could dent the Beaver 25 yard line. Ed Krehbiel started the scoring with a 19 yard burst off tackle, and a few plays later Don Stocking rambled 90 yards behind a covey of blockers to hand the Beavers a 12-0 lead. Tailback Phil Conley pushed the score to 19-0 early in the second quarter as he spun through the middle and eluded several tacklers on a 70 yard touchdown run.

LaVerne found its offensive punch and pushed across two quick touchdowns to leave the field at halftime trailing by only six points, 19-13.

Late in the third quarter Beaver halfback Chuck Malone took a pitchout from Conley and swept around end 38 yards to give Tech a 26-13 lead as the fourth period began. The Leopards came right back with a TD of their own to come within striking distance at 26-20.

Dick Van Kirk scored the final Tech touchdown on a 25 yard spinner up the middle, but the Leopards retaliated immediately, making the scoreboard read 32-27 with time running out. The game-winning tally came on a recovered fumble in the Beaver end zone after a bad pass from center had gone over Conley's head.

## Harriers outrun Hens, Nazarene

Led by Fred Witteborn, Caltech's varsity cross country men racked up two more victories just before Thanksgiving, beating Pomona 20-38 and Pasadena Nazarene 26-31. The Pomona meet was the big one, for the win gave the Beavers third place in the final SCIAC standings. Brian Shannon of Pomona won the meet in a fast 16:12.9 for the Tournament Park three mile course. But Tech came through with the next five places, as Witteborn copped second, Dan Wulff beat Don Lewis by three inches in the 100 yard dash.

## Booters end season well

The Caltech varsity soccer team played its finest game of the season two Saturdays ago, when they decisively upset Cal Poly 5-1. Previously undefeated, Poly was looking for a repeat of the contest earlier in the season, when they dumped Tech 8-2.

Sedat Serdengecti led off the attack against the team rated top in the west, by scoring in each of the first two quarters; Larry Tenn, Olaf Boetker, and Bob Norton each driving in for scores in the last period. Poly's lone goal came in the closing moments of the game.

On the following Wednesday, Tech closed the season by dropping one to UCLA, 7-0. The play was see-saw for nearly the entire first half, but in the last five minutes of the period, the Bruins punched 4 quick goals across. The second half saw a scattered 3 goals, with play mostly in mid-field.

The junior-varsity soccer team closed its season with a strong game, holding the UCLA J-V to a 1-0 victory for its toughest win of the season.

## All-Conference Football Team

First Team	Second Team
Ends Jim Mora (O) Jr. Ed Wynkoop (W) Jr.	Ends Bill Schultz (P) Sr. Joe Houser (R) Jr.
Tackles Ken Wedel (P) Sr. Chas. Stone (W) Sr.	Tackle Ed Wöhr (R) Sr. Ron Botchan (O) Jr.
Guards Hugh Martin (P) Jr. Marvin Hoover (W) Sr.	Guards Manuel Murietta (O) Sr. John McMurtry (W) Jr.
Center Jim Carlisle (W) Sr.	Center Devereux (P) Jr.
Backs Don Lyon (O) Sr. Carl Palmer (W) Sr. Howard Newman (R) Jr. Don Stocking (CT) So.	Backs Phil Conley (CT) Sr. Jack Kemp (O) Jr. Jim Linblad (P) So. Mickey Bevilacqua (W) Sr.

## Redlands defeats Jr. Beavers, 70-0

The Frosh footballers were soundly defeated two weeks ago by Redlands, 70-0. Steady marches resulting in repeated scores, characterized Redlands play, yardage being gained both through the air and on the ground. Three TD's came in each of the first two quarters, which, with a safety against Tech, left the halftime score 43-0. Two goals in each of the last periods finished the season.

The steady play of halfback Fred Newman and lineman Russ Pitzer was the brightest sign for the outclassed Beaver team.

## Poloists lose to Oxy beat Mt. Sac in final

The Beaver polo team ended up second in the conference by losing to Oxy 8-4 in their final league game. Oxy jumped to an early lead and were never headed as Jim Ball and Bill Davis each scored twice for Tech.

In their last game the team trounced Mt. Sac 16-2. Clark Rees and Davis shared high point honors with five goals each.

The frosh lost to Oxy in their last game 9-7. Blanford scored all seven Tech goals.

## Cagers in tourney

Tonight the Tech basketball team opens its cage season by meeting Santa Barbara in the Redlands tournament. Short of experienced players, the Beaver starting lineup is still in doubt. About the only sure bet is Conley, who will start at center.

Other possible starters are Glen Converse, Jim Welsh, Dan Chilton, and cage mainstay Howard Bloomberg.

Santa Barbara usually has a strong team and will probably be favored over the Beavers.

# MY GAME! LUCKY DROODLES!



**WHAT'S THIS?**  
For solution, see paragraph at right.

**THERE'S NO GETTING AROUND IT**—Luckies taste better. And there's no getting around that thing in the Droodle at left, either—the Droodle's titled: Lucky smoker with bum seat at football game. Poor guy is really *up against it*. But he's got a swell point of view on smoking—he smokes Luckies for better taste. Luckies taste better because they're made of fine tobacco that's **TOASTED** to taste better. Chances are our friend in Section 28 is thinking, "This is the best-tasting cigarette I ever smoked!"

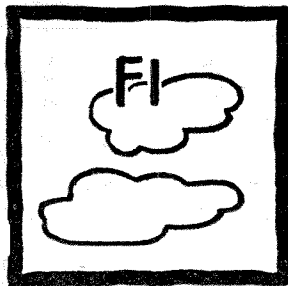
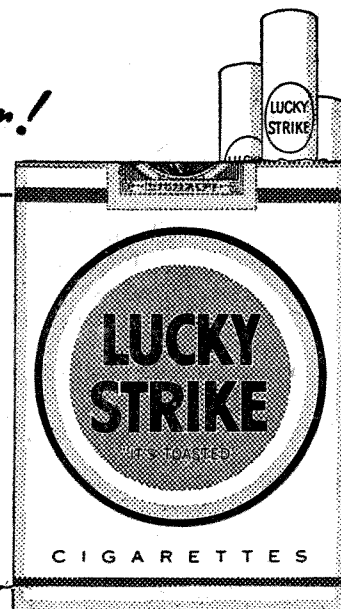
DROODLES, Copyright 1953 by Roger Price

**"IT'S TOASTED" to taste better!**

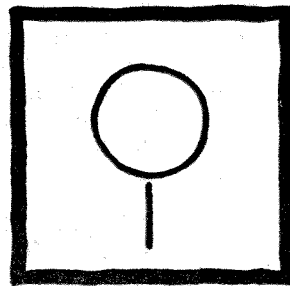
**Students! EARN \$25.00!**



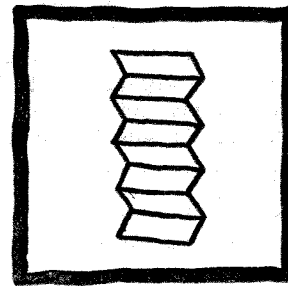
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**LUCKIES TASTE BETTER - Cleaner, Fresher, Smoother!**

# audience

## Dining out

The most talked about dining room in the United States today is unquestionably the new L'Escoffier atop the Beverly Hilton Hotel in Beverly Hills. A few steps up from the adjoining 8th floor Star Room cocktail lounge, its walls of glass survey a glittering panorama of city lights and reflect the brilliant jeweled tones of a mural created of stained glass and plastic by Malory and Owen. Gleaming metallic threads give a shimmering iridescence to carpets and upholstery fabrics. Dishes are exceptionally handsome and glassware the most delicately graceful ever seen in a public eating place, and the restaurant's signature in gold sweeps across every plate.

The tremendous notoriety which this room has received is, however, in no way concerned with the beauty of its appearance or even the elegance of its cuisine. Its fame rests solely and exclusively on its fantastically high prices. As a dramatic touch no prices whatever are shown on the menu; this creates an atmosphere of unique suspense. It is possible, of course, to ask the waiter the price of each item, but that is not playing the game according to the rules. Getting down to the essentials, let me report that dinner for two cost me \$48.95, plus \$10.00 tip for the waiter, plus \$10.00 apiece for souvenir menus, with gold-sealed purple ribbon and personally signed at our table by the chef and the Maitre d'Hotel.

A meal comparable in quality and just as well served at Romanoff's, Perino's, or LaRue would probably cost half as much. At L'Escoffier you pay for the privilege of dining at the most publicized and most flagrantly expensive restaurant west of New York City. As a magnet for Southern California's notoriously well-healed tourist trade, I predict L'Escoffier's continued overwhelming success.

—Klaus Pfeffer

**CAPTAIN'S TABLE.** 301 S. La Cienega, LA. 5 to 2 weekdays, 4 to 2 Sun. No finer seafood place in the LA area. Features fresh Maine lobster, but cheaper seafood is tops too. BRadshaw 2-1267. Bar.

**DON THE BEACHCOMBER.** 1727 N. McCadden, Hollywood. 5 to 1 daily. Fabulous blend of Hawaiian, Tahitian and Cantonese environment. The Chinese dinners are prepared with American tastes in mind, so they are very palatable. Don't miss the tremendous rum drinks. HOLLYWOOD 9-3968. Bar.

**SURF RIDER.** 137 S. Yake, Pasa. 11:30 am to 2 weekdays, 4 to midnight Sun. Ditto Don the Beachcomber. SYcamore 5-5918.

**MARINO HOUSE.** 2627 Mission, S. Mar. Tues, Wed & Thurs 11:30 to 8, Fri & Sat to 8:30, Sun noon to 8. Here's the place for lunch, although the dinners are nice, too. SYcamore 9-2985.

**LAWRY'S.** 55 N. La Cienega, LA. 5 to 11:30 weekdays, 3 to 9:30 Sun. Excellent prime rib (the only entree) is wheeled to table

in a silver cart, carved to individual taste and served with all the trimmings. OLYMPIA 2-2827.

**GOLDEN COCK INN.** 7269 N. Rosemead, S. Gab. 5 to 10 weekdays, 3 to 9 Sun. Fine chicken dinners served in a delightful setting. Note the stained glass windows.

**PICCOLO.** 2793 E. Foothill, Pasa. 11 to 2 daily. American entrees or Italian a la carte. Steaks and chops from the charcoal broiler. Atmosphere due mostly to lack of illumination. SYcamore 3-9492. Bar.

**SPORTSMEN'S LODGE.** 12833 Ventura Blvd. 5 to 2 daily. Unique glass-walled dining room overlooking trout lake and redwoods. Specializes in trout dinners and charcoal broiled steaks. Unusual banquet facilities. STate 7-0881.

**TAIL O' THE COCK.** 477 S. La Cienega & 12950 Ventura Blvd. Most people say that the one in the valley is far superior. Strictly American food very nicely prepared. Service is unbelievably good. CRestview 5-5173; STate 7-1914.

## Theatre

**THE REMARKABLE MR. PENNYPACKER** is a comedy about a man and his two families. A new play, but it has an 1890 setting. Pasadena Playhouse, 39 S. El Molino, Pasa. Eves Sun thru Thurs 8:30. 90c-\$2.40; Fri & Sat eves 8:30. \$1.20-\$2.40; Sat matinee 2:30, 90c-\$1.80.

**HELLZAPOPPIN '56.** Olsen & Johnson. Tues, Wed, Thurs, Fri & Sun eves 8:30. 2 perf Sat eve 7:30 & 9:45. Patio Theatre, 7080 Hollywood Blvd., Hollywood. \$1.25-\$3.

**KING OF HEARTS.** Romantic Broadway comedy hit. Closes this weekend at the Carthay Circle Theatre, 6316 San Vicente Blvd, LA. Nightly at 8:30, Sat matinee 2:30. Eves Mon thru Thurs \$1.65-\$3. Fri, Sat & Sun eves \$1.65-\$3.85. Mats \$1.10-\$2.75.

**THE RAINMAKER.** A comedy with "rare humor" starring Jan Sterling & Don DeFore. Nightly perf 8:30. Sat matinee 2:30. Huntington Hartford Theatre, 1615 N. Vine, Hollywood. Eves \$1.65-\$3.85. Mats \$1.10-\$3.30.

**LAS POSADAS** is a play reflecting the home life of a Mexican family on Christmas Eve. It has been presented at this time by the famous Mexican Players for the past 24 years. Dialogue is in English, songs in Spanish. Padua Hills Theatre, 3 mi. N. of Claremont. Wed thru Sat eves 8:30. Mats Wed & Sat 2:30. After-theatre party "Merienda" follows each perf. \$1.80.

**TOM AND JERRY.** Puppet show featuring the Yale Puppeteers, & **TURNABOUT REVUE,** stage revue with special guest stars folk musicians Marais & Miranda. Tues thru Sat 9. Sun 5:30. Turnabout Theatre, 716 N. La Cienega, LA. Sat \$3.30; other perf \$2.20.

**THE WAYWARD WAY.** Musical version of the famous melodrama "The Drunkard." Nightly 8:30 at the Theatre Mart, 600 N. Vermont, LA. After-show with each perf. Sun thru Fri \$3-\$3.50; Sat \$3.50-\$4, incl beer or root beer & coffee.

# A thousand students will arrive Saturday for Students' Day

(Continued from page 1)

Associated Students of Caltech, will open the period with a word of welcome to the visitors; Howard Berg, vice-president of ASCIT, will speak on student freedom at Caltech; Frank Kofsky, ASCIT rally commissioner, will speak about student activities, and Jim Workman, ASCIT athletic manager, will talk about athletics. President DuBridge will give an address about Caltech and college in general.

Three one-hour lecture periods, beginning at 1:45 will follow Dr. DuBridge's address. The program is organized so that each guest will have the choice of attending one of five demonstration lectures each hour. At 1:45 the following lectures will be given: "Genes, Viruses and the Nature of Life" by Dr. George W. Beadle, "The Conservation of Energy" by Dr. Richard P. Feynman, "Flood Control" by Dr. Norman H. Brooks, "The Chemistry of Flourine" by Dr. Norman P. Davidson and "Jet Propulsion Laboratory" given by Dr. H. J. Stewart. At 2:45 "Shining Vacua in Space" will be given by Dr. D. E. Osterbrock, "Geometric Experiments with Soap Films" by Dr. C. R. DePrima, "What is Happening to the Automotive Engine" by Dr. Peter Kyropoulos, "High Voltage" by members of the High Voltage Lab staff and "Liquid

Air," to be given by Earl Jacobs. At 3:45, Dr. Ward Whaling will give, "Nuclear Reactions in Stars," Dr. R. R. Middlebrook will give, "Transistors or Tubes?," Dr. M. W. Williams will give, "Research in Aeronautics," and the lectures "High Voltage" and "Liquid Air," because they have been so popular in the past, will be repeated.

After the final lectures the visitors will depart for their respective high schools, which are located all over Southern California. The visiting students, who represent 125 public and private schools and junior colleges, are nominated by their school officials. These officials were asked to nominate students especially interested in science and engineering. The Students' Day program is designed to give these students some idea of how science and engineering is presented at Caltech and what student life here is like.

# Athletic Awards

(Continued from page 1)

Those receiving letters in varsity water polo are: Jim Ball, co-capt.; Fritz Trapnell, co-capt.; Don Wiberg, Clarke Rees, Bill Davis, Vince Taylor, Ed Park, Dick Johnson, Ron Leonard, Keith Martin, Ross Brown, and Eric Johnson, manager.

Those receiving frosh numerals for frosh water polo are: Bob Blanford, captain; Dick Mittleman, Tom Hylton, Don Owings, Bob Pailthorp, Norm Velinty, Carl Nelson, Mike Milder, and Dave Luenberger.

## COOL CORNER

(Continued from page 4)

ogies. The first (PJ-1206) contains selections from Pacific's **Chet Baker Quartet, Sextet and Ensemble** albums, and the second is comprised by some of the early Gerry Mulligan Quartet sides, with Baker as featured soloist. Richard Bock, president of Pacific Jazz, has commissioned several local young artists to do original paintings for his album covers. The first two in this series are on the above records and can be viewed in Room 26 Ricketts.

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