

# CALIFORNIA TECH

California Institute of Technology

Volume LIV

Pasadena, California, Thursday, October 23, 1952

No. 4



1949

## Ike or Adlai-- find out who at Y forum

Every four years, America holds what some people call the world's biggest lottery. Right now we are reading in the newspapers, hearing on the radio, and seeing on television why we should vote Republican or Democratic. But most people never get a chance to talk back and ask why. Next Tuesday the Caltech Y is sponsoring a forum discussion between a Democrat and a Republican. The meeting will be at 7:30 pm in Dabney Hall lounge and will begin with short introductory talks by each speaker with most of the time devoted to the answering of questions.

### Two lawyers

Peter Gold, local businessman and lawyer, will speak for Stevenson and Sparkman, while Mr. Clifford Royston, also a lawyer, will take Eisenhower's side. Before the discussion, Royston will have supper in Ricketts while Gold will be at Fleming.

Dr. David Elliot, who is probably the most nonpartisan person on campus, will be the moderator and will keep the discussion within bounds. Each speaker will be allowed 20 minutes for his initial talk and about five minutes at the end of the forum for a summary, which will leave about 40 minutes for questions and discussion from the floor.

### Poll also

Nexa Monday there will be a campus-wide poll of undergraduates, graduates, faculty and non-academic personnel to see how Caltech people stand on the present election. Residents in the student houses will be able to cast their straw ballots during lunch hour; off campus men will find polling stations around the campus, and the faculty members will find polls in their mail boxes.

## Rocket Society

The Caltech Rocket Society will hold its first public meeting Wednesday night, October 29, at 8:00 in 206D. Exhibits and films will be shown. All interested persons are invited.

## Freeway movie at ASCE meeting

The Caltech Student Chapter of the American Society of Civil Engineers is holding weekly meetings in 010 Engineering on Mondays at 11:00. Everyone, whether a member of the chapter or not, is invited to come to the meetings, which have as their subjects topics of interest to other options, as well as the CE's. As an example, there was last Monday's talk by Dick Merritt on the work he did for two summers surveying in Alaska's Juneau Ice Field.

### Concrete roads

Next Monday's meeting will be a movie entitled "Expressways." This film is put out by Portland Cement, and discusses the designing and making of concrete highways. If you are mildly curious about the tremendous amount of roadway construction currently going on in Southern California's freeway expansion system, here's a good chance to see how some of it is being done.

## Sailing Club in the money with LA Yacht Club backing

This year's newly vitalized Caltech Sailing Club has started out the year with great prospects of becoming the most popular organization on campus. Sixty members have already signed up, and as the good word is spread more will no doubt join. The club is now well equipped to carry out its fundamental aim, to train sailors to represent Caltech in intercollegiate competition. Through very generous gifts, the club has obtained two 16-foot Falcon-class sloops. Last Saturday the fleet was augmented by six 13-foot Fiberglass racing dinghies. There are now enough boats to handle easily the members who will be going down every weekend that the weather permits.

By fortunate arrangement with the Los Angeles Yacht Club, which was looking for a junior affiliate when approached by Caltech, the club has at its disposal all the mooring, storage, and other facilities of the LAYC, located on Terminal Island. The LAYC has also smiled on its junior partner by loaning it \$1250, interest free, to help pay for the Fiberglass dinghies. The

# Frosh and Sophs will slosh in muddy warfare Tuesday

## Seniors

There will be a class meeting next Monday at 11:00 am in 206D. The subject will be the senior activities and the class dues. Be sure and be there. Remember, it's your money!

## Tire spree and tug-of-war main events Juniors will be squished in mud later

Mud-splashed faces and the do-or-die spirit will be features of the annual frosh-soph mudeo next Tuesday at 2:30. The mudeo, an athletic carnival in the mud, is held to determine which class pays for the freshman-sophomore dance.

Phil Conley, Freshman Athletic Manager, says that although this year's freshman class is very athletic and consequently many members are ineligible for the mudeo, the frosh will field a team capable of defeating any soph squad ever assembled.

John Merrill, president of the sophs, states that, although they lost last year as frosh, the class of '55 is confident of winning the contest.

The mudeo will be held in the mud pit at the south end of Tournament Park, and will consist of five events. In the tug-of-war, the first event, 20 men are allowed on each side. Ten teams of two each are permitted in the wheelbarrow race, in which one man grasps the legs of the other and propels him rapidly forward.

The sack race involves leaping forward while encased in a sack; 20 men from each side will compete. Horse and rider, the next event, features two man teams. They engage in battles in which one sits on the other's shoulders, and the last team remaining upright is the winner.

Last event is the tire spree, in which both sides try to capture tires buried in the mud and take them out of the pit. The tire spree and tug-of-war are two point events, the other counting one point each towards victory.

Both sides urge all eligible men to sign up for the mudeo, and sign-up lists are in all house lounges. Freshmen and Sophomores are also urged to come out to Tournament Park and help dig out and flood the pit. PE credit is available for those who do.

Junior class judges are fair game for one hour after the last event, and usually get muddier than the contestants.

year shows promise of being one of the best and is one of the largest that Caltech has ever had. He stated that there are a large number of freshmen without any previous experience on the debate team and that it is open for any student to join, experienced or not.

### Schedule

The schedule for the remainder of the school year is as follows:

Practice Speech Tournament,  
(Continued on Page 5)

## Campus Calendar

THURSDAY, OCTOBER 23  
7:30 SAE Meeting  
FRIDAY, OCTOBER 24  
Varsity Water Polo vs. L. A. State at PCC  
7:30 Friday Evening Demonstration Lecture, 201 Bridge  
SATURDAY, OCTOBER 25  
2:30 Frosh Football vs. Pomona at Caltech  
8:00 Varsity Football vs. Whittier at Whittier  
SUNDAY, OCTOBER 26  
8:00 Chamber Music Concert in Dabney Lounge  
TUESDAY, OCTOBER 28  
7:30 Y Forum in Dabney Lounge

## Vote for the right man

### Adlai

by Benji Rosen

Before making your decision on November 4th in the presidential election, I ask you to consider carefully and intelligently the parties and the candidates they offer for your approval.

In the last twenty years the Democratic party has produced an unequalled record of forward-looking domestic and social legislation combined with an enlightened foreign policy. We have risen from a struggling, leaderless country shocked by a depression to become the most prosperous, respected and secure nation the world has ever known. The laborer, farmer, and businessman have ascended from the sweatshop to the 40-hour week, from share-cropping to privately owned farms, and from economic disaster to unparalleled economic success. The unemployed shall never again sell apples, the depositor need

(Continued on Page 4)

### Ike

by Bill Lindley

In this crucial election year of 1952, we are called upon to choose between two men, Adlai E. Stevenson, Governor of Illinois, and former General of the Army Dwight D. Eisenhower, for President of the United States. General Eisenhower is most capable of filling the job. Let us compare the two men in the qualities most essential in a president of the United States.

### Leadership Paramount

The most important quality is leadership. This can be divided into three subclasses: administrative ability, diplomatic ability, and the ability to make decisions. Let us see what Eisenhower has accomplished by his ability. One important aspect of administrative ability is the capacity to appoint good subordinates. Eisenhower, throughout

(Continued on Page 4)

## Forensic team has first debate

The Caltech Debate Team will have its first debate this year at Los Angeles City College, Friday and Saturday, October 24 and 25. The subject of the debate will be, "Resolved: That the Congress of the United States of America should enact a compulsory fair employment practices law." Each debate team, which consists of two persons, will argue two debates on the affirmative and two on the negative.

The team members are: Irwin Rubenstein and Leon Shameson; William Dibble and Gary Boyd; Ray Orbach and Miles Nesman; Jim Enright and Kim Malville; Martin Roth and Bob Ryle; Bill Lindley and Myron Black; Paul Lindfors and Van Bluemel; Tom Bergeman and Jim Short; Marvin Bienstock and Sig Porter; Fritz Benning and Parker; Leon Keer and Dave Hein.

### Biggest and Best

Last year at this event one of the Caltech debate teams won all four of its debates and each of the other three teams won all but one of their debates.

According to Dr. Lester McCrery, who is the faculty member in charge of debate and public speaking, the debate team this

## Teachers . . .

Learning is a two way process; there being activity on the part of the student and the instructor. A good teacher is necessary to good learning. Unfortunately, the graduate assistants that serve as instructors in many courses here at Caltech are not good teachers. They are usually chosen on their aptitude in their chosen fields, and consequently, many instructors have absolutely no interest in teaching their subject to other people, and often, it seems, they could not teach even if they wanted to.

### Twice damned

Doubly unfortunate is the fact that there are many instructors, and professors too, who are truly interested in imparting knowledge to students but who, even after long experience, have not mastered an effective pedagogical technique.

### A solution?

Perhaps some of these difficulties could be cleared up if teaching assistants were chosen by teaching ability as well as technical proficiency. A mandatory course, or even better, a seminar in education would give instructors and professors alike a chance to profit from other persons teaching experience and to learn an effective blackboard manner.

## Secretary's Report . . .

### Raiding

Four years ago, the member schools of our conference joined together in a committee to prevent further occurrence of inter-school raiding, which at that time was causing much consternation to all parties concerned. It was decided at the time that a school whose students caused damage to the property of another school or its students would be required to pay the cost of all damage. The school collected from the guilty parties in its student body if it found them.

Last week at the Board of Directors' meeting a motion was passed to remind all members of the student body of these conditions. The Oxy game is coming up soon. As it should be, this is a time for a lot of good fun in the old Tech tradition. But all raiding is to be avoided: either the guilty parties or their school pays; neither situation is good.

### Tech editor

On October 30, a special ASCIT election will be held for the office of Editor of the **California Tech**.

Respectfully submitted,  
George Johnston,  
Secretary, ASCIT



### Sane?

Ricketts men are still seeing strange animals. Not content with finding elephants at three am in Barstow last year, Jack Rocchio is now seeing zebras wandering around the local cow pastures.

Bill McCormick was giving a high-class imitation of a braying ass (as in donkey) at the Ricketts Theater Party last Friday. Seems someone forgot to inform Bill that it wasn't a comedy. Frosh Bob Ryle was almost in tears (from the play).

### Really rough!

The rowdies really lived up to their name during initiation. Over 10 percent of their frosh are now on crutches, but their cause was not in vain. (Anyone in the market for some slightly damp red bow ties?)

### Intellectual

Patron of the arts (viz. movies) Bob Easton has become dissatisfied with Hollywood's output, and was fortunate enough to view several "Epic Dramas" presented under the auspices of the local constabulary (But Officer ———!)

### Express train

Due to some amazing amateur traffic direction last Sunday, the bicycle boys stopped for noth-

ing—including crossroads, stop signs, red lights (gad), pedestrians, or Sunday Drivers. Fortunately the local Gendarmes were off raiding Sunday School Picnics, etc—all except for one would-be hero who made the fatal mistake of opposing the Ricketts Machine. Accordingly, Bill Gardner and Dick Johnson have been made Heroes of the people, First Class.

### Wow!

After an evening of intense training Jim Griswold gave his all to the race—and we do mean his all.

### Dabney conversion

Curt Schulze, the heretofore anti-Schmippsite, returned from the barbeque Sunday with a happy grin and bags under his eyes singing Viva la Scripps. He says he's found one who's not like the rest, but a real gone gal. Personally, we would have gone a long way for the ginch he had at the beach party a couple of weeks ago.

### Zeal

As hostilities increased between alleys two and four in Dabney a piercing new war cry was heard over the din of various hydrodynamic weapons, slamming doors, and the thumping of mutilated bodies sliding down the stairs—KILL! KILL! Mike Szold initiated the rousing cry, but when last seen weakly limping away from the debris of Freeman's army he was mumbling something about wishing he'd never left the safety of

(Continued on Page 4)

## California Tech

Published every Thursday during the college year except during examinations and holiday periods.

California Institute of Technology  
1201 East California Street, Pasadena, Cal.

Subscription rates: \$1.50 per year.

Entered as second-class matter Nov. 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

Offices: Lower Fleming

Ron Ratney, Acting Editor-in-Chief

### EDITORIAL STAFF

News Editor.....Jim Crosby

Night Editor.....Bill Gardner

Rewrite.....Willard Richards

News Staff.....Bernie Schweitzer,

Phil Birkeland, Dave Cantor, Gordon Reiter, Ken Devehey

Copy Staff.....Frank Schroeter,

Byron Johnson, Stan Parkhill, Jack Goldman, Marvin Beinstock

Special Writers.....Walt Lee,

Bob Deverill

Sports Staff

Editor.....John Wall

Assistant Editor.....George Patraw

Feature Writer.....Al Nicholson

Photographer.....Don Emerson

Writers.....Don Emerson, Hugh Taylor

Bill Kelley, Benji Rosen, Ed Bryan

### BUSINESS STAFF

Business Manager.....Chuck Benjamin

Business Assistant.....Phil Bates

Circulation Manager.....George Johnston

## THE SPACE BEAVER

By WALT LEE

CITY. Gnome Press, 224 pages. 2.75.

These stories when they first appeared in Astounding attracted considerable attention. Time has not dimmed their impact. If written today they would still, after eight years, be original. Their scope covers 10,000 years into the future with the central figures being the Webster Family—their accomplishments and disappointments—and Jenkins—faithful robot servant of the Websters throughout this span. Nowhere in the pages of science fiction has a more lovable character been created.

The stories are: **City, Huddling Place, Census, Desertion, Paradise, Hobbies, Aesop, and Trouble, with Ants.**

Throughout the book are notes on these stories or legends, for here they are legends—ancient stories spun by grizzled, old dogs around the camp fire to breathless young pups. The dogs know not what man is except as an abstract God.

The publisher deserves a rude thumb for stating on the jacket "a new science fiction novel of the future"—for it is not. It is, however, a fine blend of seven previous tales, with much new material, and the end result is a 10,000-year history of a family and that family's servants.

The book is highly recommended.

### Vortex

Chester S. Whitehorn, past editor of **Planet Stories**, has announced that **Vortex** will be out this fall. It will be a digest size magazine for 35 cents. The aim of Mr. Whitehorn is to present about 20 short stories in each issue.

### Space Western

There's a new comicbook out that is really a scream. Space (Continued on Page 8)

## Caltech Pharmacy

PRESCRIPTIONS  
Dependable Registered Pharmacists  
FOUNTAIN  
BREAKFAST, LUNCH, DINNER  
882 East California Street  
SYcamore 2-2101  
Pasadena 1, California

## LANE JEWELERS

JEWELRY and GIFTS  
All Watch Repair  
Checked and Timed on  
An Electric Timing  
Machine  
885 EAST COLORADO ST.  
SY. 3-1853  
Formerly Binley's

### "LEAVE IT—"

### "WE DO IT."

8 a.m. to 8 p.m.—Sat. 8 a.m. to 8 p.m.

### LAKE AVE. WASH-OUT

563 S. LAKE AVE.  
(at California)  
SYcamore 2-0687 Pasadena 1

There's something magnetic  
about men who wear  
Arrow White Shirts



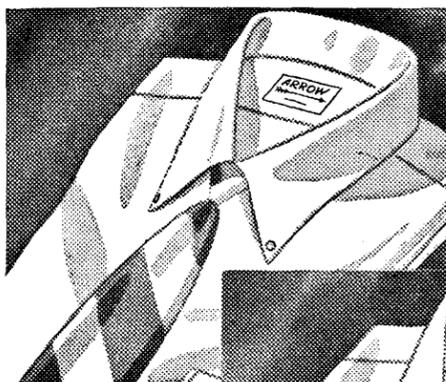
Arrow Gordon Dover:  
popular button-down oxford, \$4.50.

ARROW

SHIRTS • TIES • UNDERWEAR • HANDKERCHIEFS • SPORTS SHIRTS

Get these for good looks . . .

## ARROW WHITE SHIRTS



ARROW  
GORDON DOVER:

\$4.50

ARROW DART:

\$3.95

WITH THE  
BEST-STYLED  
COLLARS  
IN AMERICA!



Best-looking shirts on (and off!) campus. Big choice of collar styles . . . button-downs; widespreads; short, medium and long points. All with the famous Mitoga trade-mark . . . your assurance of trim, tapered fit. "Sanforized"® fabrics keep their fit through constant launderings. Come, choose your favorites today!

## HOTALING'S

921 EAST COLORADO ST.  
Free Parking Rear of Store

FOR ARROW UNIVERSITY STYLES

Your Nearest Camera Shop

## ALVIN'S PHOTO SHOP

Everything for the Photographer

PERSONALIZED  
PHOTO  
FINISHING

914 East California

### Caltech sponsors manuscript search

Caltech is helping to support an international search for original manuscripts of American authors, according to Dr. Hallett Smith.

The manuscript census is under the auspices of the Modern Language Association, a professional society of scholars. Caltech's member of the five-man supervising committee is Dr. Henry Dan Piper, assistant professor of English.

One of the major obstacles to effective research in the history of American literature and civilization, Dr. Piper said, has been difficulty in locating original manuscripts, letters and other significant unpublished materials of outstanding native authors. They are scattered in private and public libraries throughout the world.

Tabulated results of this census, co-supported by grants from the Caltech Humanities Research Fund and the University of Texas, will be published in a convenient reference volume. This will be supplemented in the future by periodic revisions.

Plans for this undertaking were initiated at the Modern Language Association convention last December. Institutions and individuals will be asked to indicate the approximate size of their holdings, under several different categories, on a specially prepared list of more than 1,000 significant American authors.

Other members of the committee supervising the census are Professor Joseph Jones from the University of Texas, Professor Ernest Marchand of San Diego State College, Dr. Albert Robbins of Indiana University and Dr. Herman Spivey, dean of the graduate school of the University of Kentucky.

### Dem. lectures to include Apostol and Bacher

The Dean's office has recently released the schedule for the Friday evening demonstration lectures for the first term. The talks are given by prominent men in all fields, and are open to the public. Judging by the crowds that have attended these lectures in the past, they have been very popular with people both at Tech and from the surrounding area.

The schedule for the first term follows:

**October 31, 1952**  
"The Expanding Universe," by Professor H. P. Robertson.

**November 7, 1952**  
"The Science of Fly Fishing," by Professor W. W. Michael.

**November 14, 1952**  
"Building to Withstand Earthquakes," by Professor G. W. Housner.

**November 21, 1952**  
"The Caltech Synchrotron," by Professor R. F. Bacher.

**December 5, 1952**  
"Old and New Problems in the Theory of Numbers," by Professor T. M. Apostol.

**December 12, 1952**  
"Inherited Effects of Atomic Bomb Radiations," by Professor E. G. Anderson.

#### Rah!

Joe: I'm groping for words.  
Jo: Well, you don't expect to find them down there, do you?

#### Sob!

Waiter, there's a fly in my soup.  
Grab your fork quick. Maybe a trout will come to the surface.

### CAMPUS BARBER SHOP

In Coffee Shop Bldg.—Old Dorm  
PHONE EXT. 212

### Head of Industrial Associates chosen

In a move to develop greater cooperation with the nation's business and industry, the Board of Trustees has appointed Robert V. Bartz as executive director of the Industrial Associates of Caltech, it was announced by President Lee A. DuBridge.

The Caltech Industrial Associates, initiated slightly over two years ago, now include 23 member companies representing the oil, aircraft, steel, chemicals, manufacturing, and other industries.

"This new type of partnership," said Dr. DuBridge, "results directly from the growing dependence between industry and centers of education and research. There is now need for a separate organization here having sole responsibility for broadening and strengthening our associations with the leading industrial research activities throughout the nation."

The Industrial Associates of Caltech comprise a select group of leading business concerns. Each member company supports the overall research program of the Institute and in return is kept informed on key developments and trends in areas of existing or potential importance to

### Little Tony's Specialty BAKED RAVIOLI DINNER



For Reservation Ph. SY. 3-9837  
2254 East Colorado  
5 p.m.—CLOSED MONDAY—4 a.m.

## HOUSE SOCIAL NEWS

### Ricketts

Last Friday night the Rowdies activated socially by imbibing Italian food at Cuccino's, making a stab at keeping the Pasadena Playhouse in business, and topped off the perfect evening by dancing in their lounge to the music of records and the refreshment of hot chocolate.

Next week the spirit of adventure will infect the ranks as they hit the trail to UCLA for exchangitive reasons. Judging from past experiences with this source of female talent, the Rowdistic black books are in for a filling.

its business.

"It is inevitable," said Dr. DuBridge, "that this kind of relationship will grow in its effectiveness as well as in the extent of business participation. I share the conviction of many business leaders that we are witnessing here a most significant evolution of industry-university relationships into associations of much broader scope. Moreover, without compromising our role as an institution concerned with only the most basic aspects of science and engineering, I know this greater interplay with industrial research activity will greatly enliven much of our educational effort."

The Caltech Industrial Associates program developed after the second world war. During the

### Dabney Social News

Wearing Lederhosen and singing German songs, Dabney will gather next Friday night for the Gessellschaft Gesellschaft von der Term. Present will be no less than one genuine German band. With the aid of its German speaking members Dabney is learning enough German so that all songs and a good bit of the conversation will be in German.

#### Yak!

"Why are you wearing that toothbrush in your lapel?"  
"Oh, that's my class pin. I went to Colgate."

#### Yuk!

Love is like a poker game: it takes a pair to open, she gets a flush, he shows a diamond, and it ends with a full house.

#### Yurk!

"Do you have a fairy godfather?"  
"No, but I have a roommate I'm a little suspicious of."

## Fresh Apple Cider



SY. 2-1121 526 South Lake Ave.  
(North of California Street)

WILL GO HARD

\$1.39  
Gallon  
75c  
½ Gallon  
ICE COLD

... But only Time will Tell ...



ONLY TIME WILL TELL HOW GOOD A "MOUSER" IS. AND ONLY TIME WILL TELL ABOUT A CIGARETTE! TAKE YOUR TIME... MAKE THE SENSIBLE 30-DAY CAMEL MILDNESS TEST. SEE HOW CAMELS SUIT YOU AS YOUR STEADY SMOKE!

## Test CAMELS for 30 days for Mildness and Flavor

CAMELS are America's most popular cigarette. To find out why, test them as your steady smoke. Smoke only Camels for thirty days. See how rich and flavorful they are — pack after pack! See how mild CAMELS are — week after week!



### CAMEL leads all other brands by billions of cigarettes per year!

**ADLAI**

(Continued from Page 1)

never again fear failure of his bank and the aged shan't fear for his security in the twilight of his life.

**Foreign Policy**

Also, we finally have a foreign policy which recognizes the necessity of engaging in relations with the rest of the world, a policy that welcomes all freedom-loving countries to our fold while courageously resisting all aggressors at any cost. Yet despite these great advances, there is a shrill cry repeated over and over. It is a desperation cry of "it's time for a change." This issue of change is the one issue offered by the Republicans in the present campaign, and as such, deserves study.

A change is often a good  
(Continued on Page 5)

**IKE**

(Continued from Page 1)

men that served under him. During World War II, he had such men as Gen. Gruenther and Gen. Mark Clark, both of whom are now in top commands.

Gen. Eisenhower has been well-known and praised for his genius in other facets of administrative ability, such as logistics and economy of operation, which are essential in any administration, especially in time of emergency. His success in administration was so outstanding that never in modern history, before or after, had a major power been defeated so fast and so completely.

**Stevenson**

What has Gov. Stevenson to offer in this field? In 1948, he was elected governor of Illinois, pledged to a program of econ-

**CAMPUS BREWIN'S**

(Continued from Page 2)

m.r.w.

**Eggactly so**

Lupe Ellmore, the merciless taskmaster of the bedroom-bodied Darb frosh, pulled a beastly trick which made him public enemy no. one of at least two of the peons when he imported a certain two gals from out Claremont way to be chief bombardiers in administering the egg  
(Continued on Page 6)

omy and the elimination of politics in the State government. And what happened? The number of state employees in Illinois rose to 45,000, three thousand more than had ever been on the payroll in Illinois history. Mr. Stevenson's appointees, or his staff, ran in some cases as high as 75% precinct chairmen who had worked for the Democratic Party. Thus were controverted the promises made to the people of Illinois. Does this display outstanding administrative ability?  
(Continued on Page 5)

**CALIFORNIA PHARMACY**

THE REXALL STORE

Prescriptions — Drugs — Fountain  
California, at Lake SYcamore 2-6222

**McCrery starts oral reading class**

Caltech undergraduate students who are interested in forming an oral reading group are invited to attend an organization meeting next Wednesday night, October 29, at 7:30 in 208 Dabney.

Dr. Lester McCrery, speech director at Tech, has volunteered to give the group instruction in the basic techniques of effective reading aloud from the printed page. Dr. McCrery has had a number of years' experience in teaching beginning and advanced oral interpretation at the University of Washington and at the University of Southern California.

The program will be designed to develop the average person's ability to express orally the emotional and intellectual content of various types of literature including essays, poetry, short stories and plays. The venture is being sponsored by the Caltech chapter of Pi Kappa Delta, national forensic society. Students who take part in the activities of the group are urged to make their own suggestions as to what they would like to have included.

**Here! Here!**

(Reprinted from the Michigan State News.)  
To Mr. Textbook Author  
Re: textbooks  
Dear Sir:

For the last several years I have been spending part of my time reading the products of your initiative. I have read of economics, of philosophy, of English literature, of American literature, of political science, ad infinitum.

There are others of my occupation who have read much more on a variety of subjects too extensive to describe.

Much of your material is readable. Some of it is abominable. The rest is just so-so.

But there is one thing that never ceases to bother me. I am reading a complicated passage describing a hypothetical situation in detail. I am confused so I read the passages again. Finally, I get the general idea and go on to the next paragraph which says:

"The critical reader will note the discrepancies in the above statement."

The hell you say. From here on I don't trust you. Just because I don't note the discrepancies in the above paragraph, I'm not a critical reader. I'll have you know, Mr. Author, that I went through "Dick and Jane" quicker than anyone else in the first grade. Not critical, eh?

The second point I wish to open for discussion concerns the footnote. The footnote, according to Webster, is "A note of reference or comment placed below the text on a printed page."

Hear that? "Reference or comment . . ." Are footnotes that begin on page 274 and last to page 283 "reference or comment"? Not in my language. I think most footnotes are just inserted in the book after it has gone to press and are little things the author forgot to include.

My point is that you see a reference in the text. You look at the footnote expecting to find something which will further explain what you're reading about. You expect to find something that will take two or three seconds to absorb.

By the time you have finished reading the footnote, you have forgotten what you were reading about and where your place was. When you finally find your place it takes another 20 minutes before you can get the footnote off your mind. It also was confusing.

There are other things. Like referring to a paragraph that is still two pages ahead. Or coming across a reference to an author of whom you've never heard. Or "Ibid's," when the original reference was somewhere back in chapter one.

But, as you would say, "This will be discussed more fully later."

**Egad!**

"Do you know what good clean fun is?"  
"Naw, what good is it?"

**Egad!**

A cute little trick from St. Paul Wore a newspaper dress to a ball  
The dress caught afire  
And burned her entire  
Front page, sports section, and all.

**FRENCH cuisine**  
THE LAFAYETTE RESTAURANT

finest French and Continental cuisine, including Shish-Kabob  
Dinners 5:00 to 8:00 pm  
Wine, Beers, Wine Cocktails  
Closed Mondays  
SY 2-9602  
1239 East Green Street

THE PLACE TO GO FOR BRANDS YOU KNOW

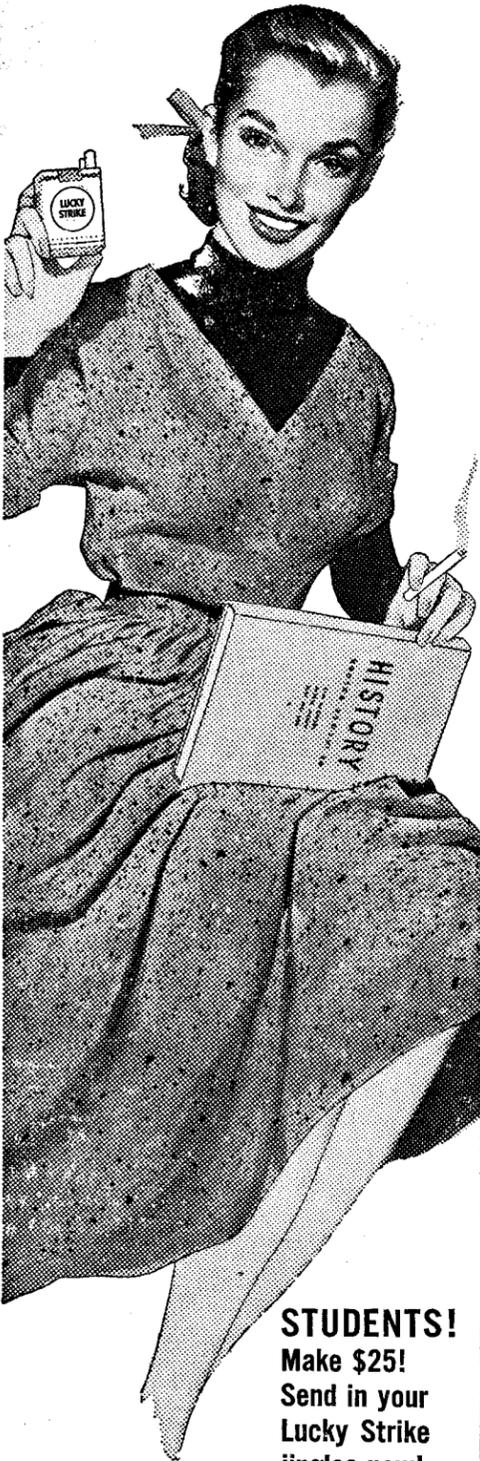
*Voget and Cathey's*

*Men's Store*

459 E. Colorado, Pasadena

Some of us like history—  
And some of us like psych,  
But we all like the better taste  
Of good old Lucky Strike!

Marguerite Ullmann  
City College of New York



**STUDENTS!**  
Make \$25!  
Send in your  
Lucky Strike  
jingles now!

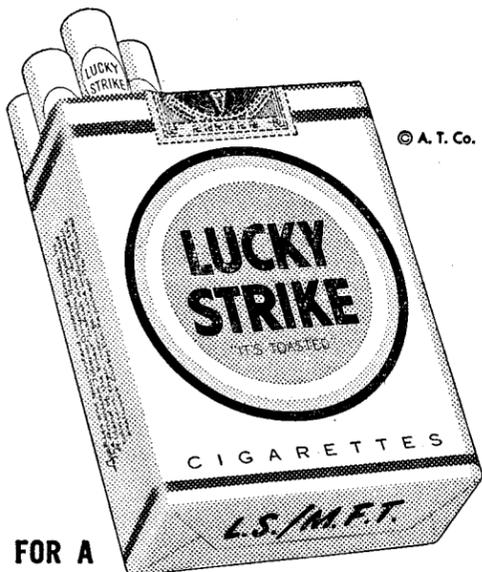
PRODUCT OF The American Tobacco Company  
AMERICA'S LEADING MANUFACTURER OF CIGARETTES

**BULLETIN!**

College students  
prefer Luckies in  
nation-wide survey!

A nation-wide survey based on actual student interviews in 80 leading colleges reveals that more smokers in these colleges prefer Luckies than any other cigarette—and by a wide margin. The No. 1 reason given for smoking Luckies? Luckies' better taste. What's more, this same survey shows that Lucky Strike gained far more smokers in these colleges than the nation's two other principal brands combined.

**Yes... LUCKIES  
TASTE BETTER!**



FOR A  
CLEANER, FRESHER, SMOOTHER SMOKE

**Be Happy—  
GO LUCKY!**

When you've a date and stay out late  
Her father may appear  
But offer him a Lucky Strike  
And you need have no fear.

David L. Norton  
Washington University '52



Brave Caesar had a thrilling life  
Was cheered and feared alike—  
But Caesar never had the thrill  
Of tasting Lucky Strike!

Anthony R. Black  
Notre Dame



**Leisure Time**

For your convenience and free moments, the Tech reprints this list from the Little T, so you don't have to thumb through so many pages.

**Occidental College**

- Erdman Hall...CL 6-9224
- CL 6-9233
- Haines .....CL 6-9422
- CL 6-9361
- La Casa .....CL 6-9166
- Orr .....CL 6-9524
- CL 6-9504
- Alpha .....CL 6-3334
- Beta Phi Del.....CL 6-4362
- Beta Tau Zeta.....CL 6-4221
- Del. Omi. Tau.....CL 7-6970
- Gam. Kap. Theta.....CL 7-1329

**Pomona**

- Harwood .....LYcoming 5-1251
- Mudd-Blais.....LY 5-1255

**Scrrips**

- General Exchange
- .....LYcoming 5-1211
- Browning .....ext. 536
- Clark .....ext. 537
- Dorsey .....ext. 539
- Toll .....ext. 538

- Huntington Memorial Hospital**
- Nurses' Res.....SYcamore 2-2111
- L. A. County Hospital**
- Nurses' Res.....CApitol 3161

**Southern Cal.**

**Sororities**

- Alpha Chi Omega
- .....PProspect 7-9387
- PR 7-9349
- Alpha Del. Pi.....PR 6-9205
- Alpha Epsi. Phi.....PR 6-9390
- Alpa Gam. Del.....PR 7-9373
- Alpha Omi. Pi.....PR 7-9127
- Alpha Phi .....PR 7-9708
- Chi Omega .....PR 7-9037
- Del. Del. Del.....PR 7-9415
- Delta Gamma .....PR 7-9898
- PR 7-9925
- Delta Zeta .....PR 7-9376
- Gam. Phi. Beta.....PR 7-9842
- Kap. Alpha Theta.....PR 7-9389
- Kappa Delta .....PR 7-9981
- Kappa Kap. Gamma.....PR 7-9382
- Phi Mu .....PR 6-9764
- Phi Sigma Sigma.....PR 7-9609
- Pi Beta Phi.....PR 6-9501
- PR 7-9257
- Zeta Tau Alpha.....PR 7-9406

**Other Houses**

- Harris Plaza .....PR 6-9238
- PR 7-9596
- PR 7-9463
- PR 7-9662
- PR 7-9529
- Eliz. von Klein

- Schmid Hall .....PR 6-9287
- PR 7-9095
- Sequoia Hall .....PR 7-9913
- Willard Hall .....PR 7-9605
- PR 6-9033
- Grad. House .....PR 7-9428
- Moreland Coop .....PR 7-9730
- Nichols House .....PR 7-9445
- Women's Res. ....PR 7-9019

**U.C.L.A.**

**Sororities**

- Alpha Chi Omeg. ARizona 9-9145
- AR 9-9142
- Alpha Del. Pi.....AR 9-9077
- Alpha Epsi. Phi.....AR 9-9152
- Alpha Gam. Del.....AR 9-9067
- Alpha Omi. Pi.....AR 9-9179
- Alpha Phi .....AR 9-9124
- AR 9-9057
- Alpha Xi Del.....AR 9-9310
- Chi Omega .....AR 9-9205
- AR 9-9420
- Del. Gamma .....AR 9-9109
- Del. Del. Del.....AR 9-9292
- AR 9-9346
- Delta Zeta .....AR 9-9189
- Gamma Phi Beta.....AR 9-9123
- AR 9-9290
- Kap. Alpha Theta.....AR 9-9025
- Kappa Delta .....AR 9-9022
- Kappa Delta .....AR 9-9083
- AR 9-9242
- Kap. Kap. Gam.....AR 9-9024
- AR 9-6741
- AR 9-9294
- Phi Mu .....AR 9-9133
- AR 9-7239
- Phi Sigma Sig.....AR 9-9048
- Pi Beta Phi.....AR 9-9035
- AR 9-9256
- Sigma Kappa .....AR 9-9147
- Theta Phi Alp.....AR 9-9301
- Theta Upsilon.....AR 9-9060
- Zeta Tau Alpha.....AR 9-9211
- AR 9-9186

**Other Houses**

- Mira Hershey .....AR 3-6516
- Hilgard Club .....AR 9-9219
- Mathewson .....AR 9-9132
- Twin Pines .....AR 9-6517
- AR 9-9191
- Bannister .....AR 9-9177
- Douglas .....AR 9-9031

**Whittier**

**Dormitories**

- Berkeley Hall .....OXford 4-9127
- Bolte Hall .....OX 4-9158
- College Hall .....OX 4-9105
- Earlham Hall .....OX 4-9182
- Newlin Hall .....OX 4-9181
- Oliver House .....OX 4-9170
- Painter Hall .....OX 44-8296
- Platner Hall .....OX 4-9115
- Wanberg Hall .....OX 4-9163
- Wardman Hall .....OX 4-9138
- Way Hall .....OX 44-8297

**Egad!**

And then there was the widow who told the bachelor: "Take it from me—don't get married!"

**Wow!**

Confucious say: Man who lose key to girl's apartment get no new key.

**Maiden's Prayer**

Breathes there a man  
Around this school  
Sufficiently  
Restrained and cool,  
His demands  
Enough to limit  
His demands  
And say "Good night"  
Just holding hands—  
Who has the decency  
To wait until at least  
A second date  
To reach a warm  
Romantic state,  
And give a girl  
Some preparation  
Before expecting  
Osculation  
At least an hour  
In duration?  
If such there be,  
Go mark him well.  
I'll date the guy  
And make him tell  
Me what the hell  
He had for dinner, that  
makes him so sick.

**Hip!**

The height of bad luck . . . seasickness and lockjaw.

**Gasp!**

And then there was the fellow who had the habit of collecting and putting stones in his bathroom. He had rocks in his head.

**Egad!**

A young man and his fiance had wed and were spending their honeymoon at a large hotel. When bedtime came the bride went to bed and the groom sat by the window gazing at the moon and stars.

The bride called to him, "Why don't you come to bed?"

He answered, "Mother said this would be the most beautiful night of my life, and I'm not going to miss a minute of it."

**VOCE**



**Dino's**

**ITALIAN INN**

2055 East Colorado Pasadena  
(4 blocks East of Allen) SY. 2-0657  
THE BEST OF ITALIAN FOODS  
MODERATELY PRICED  
Daily 4:30 to 2. Sun. 1 p.m.-2a.m.  
Home of the Popular Minestrone  
"Don't Miss Dino's Pizza"

**ADLAI**

(Continued from Page 4)

thing. The Democrats have been changing things in this country for two decades and brought the aforementioned benefits to all. But what do the Republicans want to change? Do they want to change the present laws which they had, as a party, voted against? If so, then they would like to do away with social security, TVA, minimum wages, school lunch programs, farm supports, Point Four, anti-inflation controls, public housing and on and on. Would they change our foreign policy which has saved Western Europe from an almost certain communistic seizure, a policy which has given wholehearted support to the United Nations, and a policy which has met and stifled all aggressions? Would they change this policy to an Asia-first policy, one which would enable a thoroughly corrupt and discredited Chiang Kai-shek regime to regain power in China with American money and lives? Would the party change our individual rights and have us all "guilty until proved innocent" as McCarthy is so vigorously attempting to do now?

**Corrupt?**

The Republicans charge we have a corrupt government overrun with crooks who are eating away at the foundations of gov-

(Continued on Page 6)

**IKE**

(Continued from Page 4)

all his years as a leader, has been known for the excellent **Ike, a Diplomat**  
Let us now examine Eisenhower's diplomatic ability. During World War II, Eisenhower was able, in the successive campaigns of North Africa, Sicily, Italy, and in the invasion of Europe, to weld together, in virtually perfect unity and coordination, an army of several nations totaling 15,000,000, the like of which had never been seen before. In handling the endless squabbles of Montgomery and Patton he showed a masterful diplomatic ability which no one, until the recent heated campaign, has attempted to deny.

**NATO Chief**

In fact, this asset of Gen. Eisenhower's was so well-recognized that when NATO began to operate, Americans and Europeans alike, including President Truman, agreed that Ike was the only man for the job. And again he showed his great ability. When faced with a battle-shy, disillusioned Europe rid-

(Continued on Page 6)

**FORENSIC TEAM**

(Continued from Page 1)

November 7 and 8 at Santa Barbara College; Western Speech Tournament, November 25-27 at University of Denver; Speech Tournament, December 12 and 13 at Long Beach City College; Speech Tournament, February 14 at UCLA; Debate Tournament, February 20 and 21 at Caltech; Speech Tournament, March 12-14 at Pepperdine College; Invitational Speech Tournament, March 21 at Occidental College; National Pi Kappa Delta Tournament, April 4 and 5 at Kalamazoo, Michigan; Speech Tournament at Pomona sometime after Easter.

**Hooagh!**

A quizzical expression came over the Deacon as he read the drug store menu. "Say, boy," he called the soda jerk, "I know all about Shrove Tuesday, Ash Wednesday, and Good Friday, but what is a Nut Sunday?"

**WHEN YOU ARE HUNGRY  
WHEN YOU ARE THIRSTY**

**WHEN YOU JUST  
NEED RELAXATION**

IT'S THE

**SKIP INN**

Beer - Plate Lunches

1352 E. WALNUT

Open Till 2 A.M.



**THESE HANDS ARE PRICELESS!**

They protect the American way of life . . . our homes, our freedoms, our future.

**These Hands**, sensitively trained to respond acutely to the commands of an alert mind and courageous heart, are the hands of a United States Air Force Pilot.

The skillful touch of these hands attunes the blasting speed of modern jet aircraft to effective missions in discouraging any enemy. These hands are supremely capable of flying and fighting these machines with devastating effect.

**These Hands** belong to young, spirited American men (not supermen) who desire to live unmolested in a free America . . . who want to enjoy the same rights and opportunities open to all real American people.

**These Hands** belong to our sons—yours and mine. Youths who must decide today how they can share in defense of our nation and also better themselves. To insure greater chances of their success, today's college men should be encouraged to complete their education and then serve their country best by enlisting as Aviation Cadets in the U. S. Air Force.

Theirs is the choice of becoming either a Pilot or Aircraft Observer. After graduation as Second Lieutenants in the U. S. Air Force, they wear the silver wings of flying executives and begin earning nearly \$5300 a year.

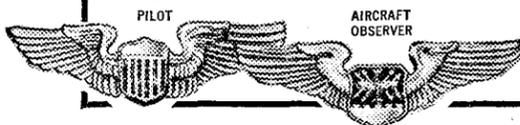
**These Hands** represent a man ready to qualify for this tremendous task because he is between the ages of 19 and 26½ years, unmarried, and in excellent physical condition, especially eyes, ears, heart and teeth. He possesses at least two years of college and the inherent urge to fly.

**These Hands** shape the destiny of America . . . the difference between our survival and oblivion. The U. S. Air Force needs the hands, the minds and the hearts of young Americans who desire to make the American way a greater way of peace and happiness for all.



**WHERE To Get More Details**

Visit your nearest U. S. Air Force Base or write direct to Aviation Cadet, Headquarters, U. S. Air Force Washington 25, D. C.



**FLY SAFE AND SAVE**  
CONSOLIDATED TICKET AGENCY  
16 So. Raymond Ave. Pasadena, Calif.  
WE REPRESENT ALL AIR LINES  
IN THE LOW COST BRACKET  
Phone SY. 6-0288  
24 Hour Phone Service

CAMPUS BREWIN'S

(Continued from Page 4) treatment. The yolks on them.

Speedy gon . . .

Supersonic speed and the Dabney bike team have nothing on the new quick change artist in green, Bob Hanvey. Seems there was a vacant back seat going up to Vernon's and Bob didn't have a date, so without a moment's hesitation he sauntered over to a group of femmes, made a quick appraisal and walked away with a budding queen. Pee Wee Roberts, who rumor has it possessed first dibs on the blushing lovely, made an entrance with refreshments at this time only to cast a horrified glance at the retreating couple. The only compensation he got was a double shot.

Happy boy

Speaking of taking advantage of a situation, Bob Holbrook who till recently had been complaining about a colorless summer, wears that "at long last I've found one" expression as a result of a Sunday behind the Great White Wall. Seems Hunter Paalman gave him the true clue about a certain damsel who really makes for an enjoyable evening, and Bob took a chance. Now he is drawing up long scale

ADLAI

(Continued from Page 5) ernment. Well, the GOP is well-qualified to make this accusation, as it is a party well versed in all forms and magnitudes of corruption, as the administrations of Grant and Harding must testify to. The fact is, that in the Internal Revenue Department, where most of the corruption occurred, all the offenders were duly prosecuted by law. Contrast this 1/6 of one percent of dishonest men with the five percent of crooked Internal Revenue employees during Harding's reign.

Seeing Red

Another charge which the Republicans hurl at the incumbents is that the government is honeycombed with Communists and has a soft policy toward Stalin. Thoroughly discrediting

Rah!

"Why are you washing your spoon in your finger bowl?" "So I won't get egg all over my pocket."

Wheeze!

"Here's where I cut a good figure," said the college girl as she sat down on a broken bottle.

plans for future action and seems quite confident that things will work out well in the end.

this is President Truman's decisions in Greece, Turkey and Korea, the Marshall Plan, the internal security measures whereby all subversives are efficiently rooted out by the professional and effective methods of the FBI. Would the Republicans dismiss J. Edgar Hoover and send out McCarthy after the Communists; would it abandon the valiant efforts of the State Department to resist the enemy at the Elbe rather than at the Hudson, and let Senator Taft shape the United States into an isolated "impregnable" Gibraltar?

One other charge. The desperate opposition resorts to calling the Democrats the "war party." If the Democrats created the Kaiser, Hitler and Stalin, then the accusation is justified. However, I feel that the thinking man will see the

Egad!

The good townsman was concluding his address: "Friends, I have lived here all my life. In this town there are 50 taverns, and I am proud to say that I have never been in one of them."

From the back of the hall came the question: "And which one is that?"

truth of the matter and realize the Democratic Party is the one party which has striven for world peace through the League of Nations and now the United Nations.

The Candidates

And now for the candidates. Consider the candidate who: keeps the company of the McCarthy's and Jenner's, yet denounces character assassins;

says he is for State ownership of tidelands, government ownership of tidelands, and state ownership of tidelands;

is a former NATO director, but now says he differs with Taft's foreign policy "only in degree";

is going to "work without rest to end the war in Korea," yet won't give the public a clue as to how he intends to do it;

is going to build a "prosperity not based on war," yet won't tell how he hopes to end the threat of war;

is going to support a labor law whose very name causes strife among millions of laborers;

is going to insure farmers full parity, contrary to the sliding scale price support endorsed by his party;

is going to reduce taxes without reducing foreign aid or domestic expenditures;

is going to reduce taxes, yet offers no concrete plan of how he intends to do it;

is going to increase social security benefits after stating "if all Americans want is security, they can go to jail";

is going to make great momentous decisions, yet he couldn't make a decision on the Nixon affair until he heard the facts, saw Nixon relate the "facts" over television, waited for telegrams from the public, talked it over with Nixon personally, and then decided on the issue;

is notably good at hindsight, "we bungled, stumbled, etc.," whereas he is equally poor at foresight, "nothing guides Russian policy as much as a desire for friendship with the United States."

Stevenson

Contrast this candidate with one who:

calls for a continuation and expansion of foreign aid and collective security;

demand that India be saved now before she, too, falls as China has fallen;

outlines a five-point program for a new, equitable labor law, fair to both labor and management;

has cleaned up a notoriously corrupt government in Illinois and will do the same wherever he finds it in Washington;

acknowledges the great gains made in social legislation and calls for more to meet the increasing need;

bravely makes decisions even at the cost of votes as in his tidelands statement favoring government control;

outlines a detailed plan to stop

(Continued on Page 8)

IKE

(Continued from Page 5)

den with Communism, he tackled the job, and, with his diplomatic genius, restored hope and the concept of positive action to Europe.

Europe Healthier

It is agreed by all that Europe is in a much better position economically and militarily than she was two years ago. It was not Marshall Plan aid alone that was needed in Europe; it was confidence and leadership. These Eisenhower gave. Naturally, during the past few weeks, President Truman, being a staunch Democrat, has modified his views somewhat.

Adlai, a Diplomat??

Let us see how Gov. Stevenson has shown himself along the diplomatic line. The sum total appears to be that he served in a minor post in the State Department, the organ of our diplomacy, and was one of the unfortunates (including Mr. Acheson) who endorsed Alger Hiss, who later was proved a Communist traitor against America. Mr. Stevenson, after his nomination, has been an excellent speaker and a great wit; but whether or not this can be construed to mean "diplomatic ability," I shall leave to the reader.

Ike Decisive

How great is Eisenhower's capacity for decision? As expressed in an officers' training manual, the ability to make decisions is essential to a military officer, or to any leader. Before World War II, Gen. Eisenhower, although his capability in this matter was proved, was a staff officer, and staff officers don't make command decisions. He repeatedly expressed a strong desire to be given a command, small though it might be. Gen. Marshall, then Chief of Staff, saw promise in the young (51) man and gave him a command. From then on Eisenhower, his star constantly rising, proved his great capabilities. He made decisions, quickly and effectively, although

(Continued on Page 8)

Gadzooks!

An American meets an elderly Britisher at a sporting club:

A. Care for a game of checkers?

B. No, tried it once, don't like it.

A. Care for a game of chess?

B. No, tried it once, don't like it.

A. Care for a game of tennis?

B. No, but my son will play with you.

A. Your only child, I presume.

Snort!

He—How's about a little kiss, honey?

She—Can't. My lips are chapped.

He—Aw, c'mon. One more chap won't hurt you.



Do you have to make eyes to make A's?

We could flutter our lids till our eyeballs ached and it wouldn't help. Our Prof is strictly business. He's the public.

Every 6 months Bell Telephone Companies ask the public for their grades. It's done by opinion surveys. We ask thousands of customers to tell us what they think of our service. On the basis of their reports we try to improve where they think we could be doing better. Subsequent surveys show us if we've been successful.

This search for better ways of serving

people is only one aspect of the Bell System business philosophy. It underlies our constant search for ways to provide ever-better telephone service at the lowest possible cost.

For qualified college people interested in engineering, operations and administration, we offer many opportunities. We believe you'll be interested to learn what we mean.

Your college placement office will be glad to give you more details.



Bell Telephone System

Advertisement for a movie showing at the Colorado Theatre. It features '3 WINNERS' and lists 'Alec Guinness THE MAN IN THE WHITE SUIT', 'The City That Disappears', and 'WOMAN OF SIN'. The address is 2588 E. Colorado, SY 6-9704.

Advertisement for CAIN'S SANDWICH SHOP. It lists 'Breakfast Lunch Dinner' and 'Phone Orders to Take Out'. The address is 1817 EAST COLORADO SY. 2-0665, with hours from 7 am to 11 pm.

**Athletes of the week**

By NICK

**Muehlberger and Earnest**

Holding down the tackle position for Tech's Beaver this year, as well as the last two, you'll find Les Earnest and Gene Muehlberger, two of the biggest and hardest-hitting men in school. Earnest, defensive stand-out in the line, weighs in at 200 and stands 6' 2", while Muley, offensive terror, carries 205 pounds on a 6' 4" frame, making him the tallest man on the team.

**Stone Wall**

With a pair of stalwarts like this, the left tackle position is one of the strongest spots on the team. Both men are seniors this year, which means there'll be a big hole in the line for Bert LaBrucherie to fill next fall. Both wear two stripes on their lettermen's sweaters.

**All-Conference**

Last year Les was awarded All-Conference defensive tackle honors for his sterling play. An expert at halting enemy thrusts through the line, you'll hear his name announced on a good percentage of all tackles made by the Beavers. From Hoover High, San Diego, Les now resides in Blacker, there ably fulfilling his duties of House Pope.

**Muley**

Muehlberger, Throop Club's genial prexy, is big enough to awe any opposing lineman. His job is to clear the way for the ball-carrier, and he excels at it. Muley's a native of Los Angeles, and attended Marshall High here.

**I. H. Sports**

By Rosen

Fleming and Dabney meet today in a contest that will decide first place in Interhouse Baseball. The Darbs enter the game a decided favorite on the basis of Ray Weymann's left arm. Easily the best of the league, Weymann is expected to, have little trouble setting down the Big Red team as he has all other comers. Fleming won its last game over a plucky Throop nine by virtue of the generosity of the off-campusmen's chuckers in giving up free passes and a last-inning game-deciding balk.

**Water Polo**

With only two returning lettermen, John Bush and Morg Ogilvie, the inexperienced Tech seven dropped their first game to Santa Monica CC (14-4). The team came back last Friday, however, to make a winning showing in scrimmage against Pomona.

**Haire Is Lost**

Caltech's 1952 waterpolo team suffered quite a loss when Al Haire was put out of commission in their first scrimmage with a bad cut over his left eye. Coach Don Garman has been hard pressed to find a replacement for Haire at sprint.

**Frosh!**

Bright spot of this year's season is the Frosh team. Spark-plugged by Jim Ball at sprint, Bill "Clobber 'em" Sunblad at centerback, and Fritz Trapnell at goalie, the team looks in winning shape. They are the team to watch in Frosh waterpolo this year.



**Soccer team as usual tromps Thatcher, 4-2**

Once more under the tutelage of Mentor Bob Huttenback, the Soccer men defeated Thatcher 4-2 Saturday at Ojai. The locals started off fast by scoring three goals in the first five minutes of play. Scores were made by Doug Inglis, Sedat Serdangetti and Renee Gutierrez; however, with the injury of center halfback Ernie Ophuls the spirit seemed to go out of the boys and they spent the next three periods scratching listlessly around and allowing Thatcher to pull within one goal; the score being 3-2 at the end of three quarters of play.

**Iced**

In the fourth quarter Swaroop Bhanjdeo scored a final goal for Tech to ice the contest. Coach Huttenback who has spent the last 19 months as Director of Athletics and Recreation at Fort Bliss, Texas, had the following comments after the game. The forwards worked very well and only Trojan work by the Thatcher goalie averted many more scores. The halves and fullbacks on the other hand were not only kicking badly but were also positioning themselves poorly. Conditioning and timing for the whole team were poor but that was only to be expected after only one full day of practice.

**Pomona next**

This Friday afternoon at 3 pm Tech will play Pomona here, so come on out and watch.

**More, more, more**

Coach Huttenback is still somewhat thin in the way of material, and he wishes to point out that it is still not too late for any Soccer enthusiasts to join the team.

**Line-up**

YW, Bob Wood; LI, Swaroop Bhanjdeo; CF, Renee Gutierrez; RI, Sedgt Serdangetti; RW, Doug Inglis; RH, Moe Learner; CH, Ernie Ophuls; CH, John Peyton; YF, Perry Vartanian; RF, Phil Bates; G, Don Emerson.

**Neat!**

There was an old woman Who lived in a shoe. She had so many children She didn't know what to do— Obviously.

**VOTE**

**4 SALE**

BREEZY CONVERTIBLE  
Sexy, Pontiac 8 '46 \$550  
B. L. RYLE, Ricketts 61

**We don't build character, we win games!**



**Cross country it's H.**

by Willie

Those of you who may have been out at the athletic field last Friday were privileged to witness the first inter-house cross-country meet. You undoubtedly know who won the meet, and which house took away the victor's laurels. In this respect you are in much better shape than I. The fact is that although I was there, I know none of these things.

**Finisher?**

Being twenty-seventh out of twenty-nine finishers, I was not near the finish line when the race ended. Some people might think that after such an ordeal I might be disgusted and embittered against cross-country. I am.

**What Fun?!**

The day started off very pleasantly (sarcasm), as we took a few warm-up laps. Then came the calisthenics, followed by more laps. At this point I turned to make my way toward the showers, when I was grabbed from both sides by loyal house members. I tried to explain that I just didn't feel like running. We held a conference and it was decided, with one dissenting vote, that I should run. It is still in doubt as to whether or not I did much running.

**Pace**

At the start the pace was not too bad for a 440, but we had a mile and one-half to go. Most of those running were unsocial cusses insofar as very few stayed back to keep me company and at the end most of these deserted me. I still believe I would have done better

(Continued on Page 8)

COMPLETE LUNCHES  
Spaghetti, Chili Casserole 50c  
French Dips with Fries 45c  
**THE PANTRY**  
2259 East Colorado  
Open 7 am 'til Midnight  
2 am Friday and Saturday

**Gridders drop one to Lumberjacks' axe**

By Boris

Caltech's Beavers journeyed to Flagstaff, Arizona, last weekend and beset by injuries and cold weather they took their third defeat of the season, 20-7. The Beavers, not up for this game as they were for their two previous contests, and hampered by the cold weather which caused fumbles at crucial points, could not generate an offense until near the end of the game, when Al Johnson passed to Neil Stefanides for Tech's lone score.

**Fazio romps**

Arizona State, which trounced LaVerne the week before 36-13, was held in check by the Beavers throughout the first half except for two times on fourth down situations when the Lumberjacks made their scores. Pat Fazio ran the opening kickoff back to the Lumberjack 17 yard line, only to lose the ball two plays later on a fumble, the first of seven the Beavers made in the game. Arizona was held and punted out, but recovered a Tech fumble a moment later on the Beavers' 49. They drove to the 25 and on a fourth and 14 situation, passed for a touchdown. The first try for conversion was blocked, but Caltech was off-side and they made the second one good.

**Pass interference?**

Arizona scored next after a very questionable pass interference penalty gave them a first down on the Beavers' 5 yard line. The Beaver defense stiffened, however, and it was fourth and eight to go when the Lumberjacks circled right end for the touchdown. The conversion was blocked and the half time score was 13-0. Arizona came out for the second half, and the Beavers, mixed up on defense, allowed them to drive 64 yards for a touchdown, making it 20-0.

**T.D.!**

Late in the game, Tech stopped another Arizona drive on the 8 yard line and from there moved 92 yards for a touchdown. The highlight of this drive was a 50 yard run up the middle by Beaver halfback Al Johnson. Al was finally hauled down on the Lumberjack 34 and 11 plays later, he passed 11 yards to Stefanides for the touchdown. Gehle's kick was good and the final score was 20-7.

**Injuries**

Due probably to the cold, many Tech players were injured. Walt Pilant hurt his knee and Jack Walker hurt both his hand and his leg. These were the only really serious injuries, although many others incurred slight hurts. The Arizona crowd was about the most unsportsmanlike this writer has ever seen, cheering when Beavers lay injured and heckling and jeering the players, even when their team was far ahead.

**Officiating**

The officiating also was about the worst seen on any gridiron in years, being approached only by the Arizona State game of

**Peekin' In**

By Patraw  
by Patraw

"Well, it was a great trip, but it would have been better if we had won." That was one of the players saying that, and it was the understatement of the year. Sure, they had a terrific time . . . maybe it would have been better had they flown up and flown back. The trip just didn't put them in the right mood for the game. There were standouts, of course, but when the game was over everybody just stood around the locker room and silently cursed themselves out for fouling up. "Why did I miss that tackle?" or "Where did I louse up that play?" It was the same story with everyone.

**Usual Greats**

About the only thing that was heartening was Sefanides' usual great performance and Johnson's surprising running during the last half.

**Cheers!**

We had a great cheering section: the two managers, myself, Watkins, Moore, Supple, Nicholson, and Pederson. We were a little beat when we got back, but it was worth it. Moreover, it is rumored that the whole trip cost Watkins two dollars. Money saving seems to be the art of this prominent athletic supporter.

**Poets?**

The defeat of Oxy at the hands of Whittier had the whole conference buzzing. Since the Poets are next on our schedule, the gridgers should look back on a week of hard practice, along with the fundamentals of the art of self-defense.

last year. The officials repeatedly missing obvious clipping penalties on Arizona and hurting the Beavers' chances immensely by calling offsides at crucial points, the real backbreaker coming on the pass interference call which gave them a touchdown.

So far this season the Beavers, who have potentially a good team, have been hurt tremendously by fumbles, intercepted passes, and mistakes in judgment on defense. I feel that soon they will play the games they are capable of, as these costly mistakes are the result of in-

(Continued on Page 8)

**Republicans and Democrats**

FOR EISENHOWER

**VOTE!**

GET YOUR ABSENTEE BALLOTS NOW!

See

JOHN BAILEY—RICKETTS

or

ROBERT TAMBLING—BLACKER

**ADLAI**  
(Continued from Page 6)  
inflation and prevent depression;  
admits to no miracle solutions to end the Korean war;  
states that only when mobilization reaches its leveling-off point can taxes be reduced;  
unequivocally comes out for civil rights, with two attempts to put it through his own Republican legislature as proof of his sincerity;

denounces character assassins and witch hunters;  
praises the orderly efficient methods of the FBI and Congressional committees for maintaining internal security;  
above all, "talks sense to the American people."

This is my case—the Democratic case. The records and the candidates. It's your choice now.

**GRIDDERS DROP ONE**  
(Continued from Page 7)

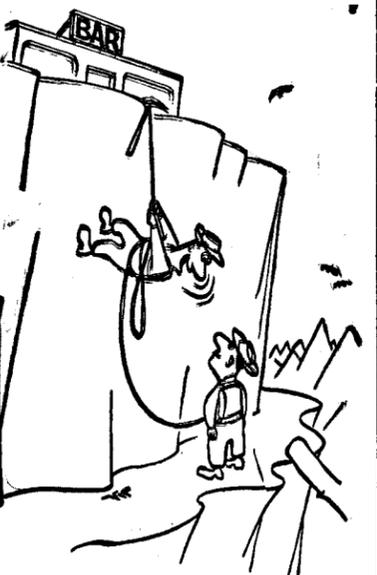
experience and poor judgment. When the Beavers stop giving away touchdowns and take advantage of the breaks which they get, they will start winning some games, and this, I feel, is only a matter of time.

**Whittier favored**  
This Saturday night, the Beavers face their toughest test of the season when they journey to Whittier. The Poets, after knocking Occidental off last week are now favorites to win the SCIAC crown. They are in for a letdown after being so high for the Oxy game, however, and Tech might be able to surprise them this weekend. The Beavers could win Saturday if they play the game they are capable of, taking advantage of all the breaks and not giving the Poets any gift touchdowns.

Statistics

	Caltech	Ariz. State
Total First Downs	11	16
Passing	2	7
Running	8	13
Penalties	1	1
Total Yards Gained	263	372
Rushing	154	221
Passing	74	67
Passes Attempted	14	14
Completed	5	5
Had Intercepted	0	0
Incomplete	9	9
Avg. Distance Punts	39	40
Fumbles	7	2
Ball lost	4	0

**God!**  
And then there's the one about the college student who stayed in bed all Sunday morning because he was sack-religious.



"It's a little out of the way, but they put lots of Angostura\* in the Old-Fashioneds!"

**ANGOSTURA**  
AROMATIC BITTERS  
MAKES BETTER DRINKS

\*P.S. Without Angostura to marry the flavors, it's not an Old-Fashioned—and that's true of many another cocktail, too! Angostura is the dash you put in—to make the flavor come out!

**CROSS-COUNTRY**  
(Continued from Page 7)  
if it hadn't taken me until 6:30 to get my second wind.  
**Plot**  
Since the meet I have done quite a bit of research into the origin of cross-country racing and I have come to the following conclusions: It's a communist-inspired plot to ruin the morale and physical condition of the American Youth.  
It's "H(ard)"!!!

**Egad!**  
Think it over: A pinch of salt is always greatly improved by dropping it into a glass of beer.

# Vote

**IKE**  
(Continued from Page 6)  
weary after struggling many long hours with the diplomatic and administrative problems. The rest is history.  
It is this kind of man we need for President. The president's duty is to carry out the laws of this country, and to be a leader. Dwight D. Eisenhower is such a man. It is time for small men to take their places, and for great men, like Ike Eisenhower, to take the reins of government. That is why I believe Eisenhower should be elected President of the United States on Nov. 4.

**Zounds!**  
Joe: A woman's greatest attraction is her hair.  
Moe: I say it's her eyes.  
Smoe: It's unquestionably her teeth.  
Figgie: What's the use of sitting here and lying to each other.

**SPACE BEAVER**  
(Continued from Page 2)  
Western, featuring "western science fiction," has as its main hero Spurs Jackson, an electrical engineer and cowboy. In the first story Spurs Jackson and "Space Vigilantes" battle the Saucer Men. I'm not sure, but I don't think this comicbook is supposed to be funny.  
**New books**  
**The Long Loud Silence** by Company, \$2.50, October, 1952.  
**Player Piano** by Kurt Bonne-

**Egad!**  
Gather your kisses while you may  
For time brings only sorrow;  
The girls who are so free today  
Are the chaperones tomorrow.  
gut, Jr. Scribners, \$3.00, September, 1952.  
**Bronze and Fire** by Ray Bradbury (first novel). Doubleday, April, 1953.  
**The Space Frontier** enlarged from Colliers. Viking — will be like **The Conquest of Space**.



**YOUR COLLEGE SHOP**  
—DRESS WEAR—  
—SPORTSWEAR—  
—CASUAL CLOTHES—

Fowler's

526 E. Colorado at Oakland

Open Fri. & Mon. Nights Till 9:30

"Men's Distinctive Fashions"

# NOSE, THROAT,

## and Accessory Organs not Adversely Affected by Smoking Chesterfields

**FIRST SUCH REPORT EVER PUBLISHED ABOUT ANY CIGARETTE**

**A responsible consulting organization** has reported the results of a continuing study by a competent medical specialist and his staff on the effects of smoking Chesterfield cigarettes.

**A group of people** from various walks of life was organized to smoke only Chesterfields. For six months this group of men and women smoked their normal amount of Chesterfields—10 to 40 a day. 45% of the group have smoked Chesterfields continually from one to thirty years for an average of 10 years each.

**At the beginning** and at the end of the six-months period each smoker was given a thorough

examination, including X-ray pictures, by the medical specialist and his assistants. The examination covered the sinuses as well as the nose, ears and throat.

**The medical specialist**, after a thorough examination of every member of the group, stated: "It is my opinion that the ears, nose, throat and accessory organs of all participating subjects examined by me were not adversely affected in the six-months period by smoking the cigarettes provided."



ASK YOUR DEALER FOR CHESTERFIELD—EITHER WAY YOU LIKE 'EM

★ CONTAINS TOBACCOS OF BETTER QUALITY & HIGHER PRICE THAN ANY OTHER KING-SIZE CIGARETTE

**Buy CHESTERFIELD. Much Milder**