

## Freshmen return from camp

### Mayhew master of houses; Harvard man enthusiastic

By John Young

We are always curious when new neighbors move in, and in the tried and proven "May-we-borrow-a-cup-of-sugar" method of introduction, we had a chat with the new Master of Student Houses. Of course, we are always a little wary of the term "master"—with the connotations of Simon Legree and the bull-whip. But, after the warm smile and cheery greeting we received on entering Dr. Mayhew's office, we were immediately reassured. We were impressed with the enthusiasm which Dr. Mayhew has for his new job, and by the strength of his belief in the value of a smoothly running student democracy. He brings to the job the conviction that the unique student house system that we have at Tech is one of the best possible college living set-ups.

### Get hep, son; real queens!

The new Frosh class will receive its first introduction to the charms of Southern California women at the Freshmen Tea Dance this coming Sunday, Oct. 3, from 2:30 to 5:00 p.m. in the lounge of the Dabney Hall of Humanities. The dance, an annual affair sponsored jointly by the ASCIT and the YMCA for the benefit of the entering frosh, will feature the music of Don East and his five-piece ensemble.

As has been the custom in past years, the dance is expressly for freshmen, and, except for a small group of "bouncers" headed by dance chairman Edwin Berry, no upperclassmen will be allowed at the dance.

Girls for the dance will come from South Pasadena High, Westridge, Mayfield, and Occidental College.

### Juniors to stage big beach brawl

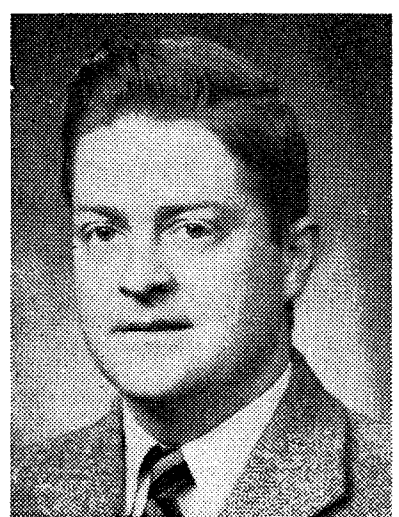
The present juniors, class of 1956, have announced their intention to disappear in the direction of Santa Monica beach this coming Sunday. All bona fide members of the class are invited.

The blast is scheduled for the hours from noon to midnight, or until something gives. It will be a stag affair and refreshments will be served.

If this announcement proves inadequate, confused juniors are encouraged to see Dick Johnson, class president, or some other class officer, or someone.

It really isn't surprising, though, that Dr. Mayhew should have such a vigorous interest in, and understanding of student affairs. Before coming to Tech he

served in various positions at Harvard, being assistant to the Dean of Admissions after spending three years as Assistant Dean. Not only is he an administrator, but he received his PhD in English from Harvard in 1953 and will be teaching classes in freshman English here.



Dr. George P. Mayhew

Dr. Mayhew is a living contradiction of the "ivory tower" concept of academic men. He will, if coaxed, talk of his experiences in World War II in which he en-

(Continued on Page 3)

### Frosh emerge with new officers after three days of loafing, speeches, and fun

#### New faculty appointments

Heading the list of faculty changes made over the summer is the designation of Dr. Erik Hallen of the University of Stockholm and Dr. Allen Lein of Northwestern University as visiting professors in electrical engineering and chemistry, respectively.

Dr. George Mayhew, new Master of the Student Houses, will also be assistant professor of English, and Dr. Arthur L. Grey has been appointed assistant professor of economics.

C. Hewitt Dix, in geophysics; Renato Dulbecco, in biology; A. E. J. Engel, in geology, and Arthur L. Klein, aeronautics, are now full professors. New associate professors are J. Kent Clark in English, Eugene Cowan in physics, Samuel Karlin in mathematics, Guido Munch in astronomy, George Tanham in history, Samuel Epstein in geochemistry, and Charles H. Papas in electrical engineering.

Norman H. Brooks, civil engineering; Thomas K. Caughey, applied mechanics; Henry Aroeste, jet propulsion and applied mechanics, and Thad Vreeland, Jr., mechanical engineering, are now assistant professors, while Andrew J. Mackie has been appointed instructor in mathematics.

#### Social Calendar

Bob Kausen, ASCIT First Rep, announces the following events on the social program for this term.

Friday, October 8: Scripps-Caltech exchange at Scripps

Sunday, October 17: Scripps BarBQ at Scripps

Wednesday, October 20: Mudd Blaisdell-Caltech exchange.

Saturday, November 6: Inter-house Dance

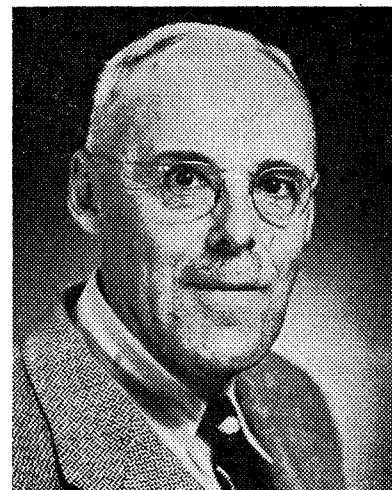
Saturday, December 4: ASCIT Dance.

The freshman class, 165 strong, spent 3 days last week at the annual New Student Camp at Camp Radford in the San Bernardino Mountains. The camp, the new students' first contact with Caltech, featured orientation speeches by faculty members and upperclass students, and the appointment of temporary class officers. Adding to the frosh's enjoyment of camp were the traditional softball, volleyball, and mountain golf games, and the Amalgamated Band Concert.

### Tech mourns loss of noted geology prof

Caltech lost the grand old man of its geology department, and the world at large lost one of its best structural and engineering geologists last August upon the death of Professor John P. Buwalda. Dr. Buwalda died suddenly on the evening of August 19 after a day in the field with his son Robert.

Dr. Buwalda came to Caltech in 1926 to organize the Division of the Geological Sciences. He served as chairman of the division until 1947, when he retired from this post to devote more time to research in structural geology.



Dr. John P. Buwalda

He was born in Zeeland, Michigan, in 1886. He received his B.S. from the University of California in 1912 and his Ph.D. there three years later. In the following years he was a faculty member at California and at Yale before he came to Caltech.

Dr. Buwalda was advisor and consultant to many cities and counties in Southern California in connection with engineering geology problems.

### Deans name Tech brains

Fifty-six students have been awarded honor standing for the 1953-54 school year, according to Dr. Ernest Swift, chairman of the faculty committee on undergraduate scholarships and honors.

The committee conferred the honor on the top twenty men in last year's freshman class and the top 18 men in each of the sophomore and junior classes. Honor students receive special privileges such as instruction in honor sections and admittance

(Continued on Page 4)

Dick Kirk, as freshman class president, heads the list of appointed officers who will lead the class of '58 until an election can be held at the beginning of second term. Other officers are Jack Ullemeyer, vice president; Ron Leonard, secretary; Lane Spencer, treasurer; and Clark Rees, athletic manager. Ken Collins and Jon Stedman will represent the freshmen on the Board of Control.

The freshmen's activities began with registration last Thursday, September 23. Following that they departed in busses for the camp. Upon arrival there they were distributed to the cabins, collected for their first Caltech meal, and then assembled in the lodge for the first series of speeches.

During the three days at camp, the freshmen and transfers were addressed by Dr. Lee A. DuBridge, president of the Institute, Jim Adams, student body president, and many other faculty

(Continued on Page 4)

### New officers head AFROTC

This year's Caltech AFROTC staff includes three new faces. They are Lt. Col. Lyle F. Johnston, professor of air science and the new commandant of the Caltech unit; Major William A. Libby, assistant professor of air science; and Tech. Sgt. James A. Sprayberry. These men are replacements for Lt. Col. Small, Maj. Stolarz, M/Sgt. Hansen, and M/Sgt. Keating, all of whom left the Caltech unit during the summer.

Lt. Col. Johnston brings a long Air Force record with him to Tech. A veteran of 14 years service, he served in the Caribbean and Atlantic areas on anti-submarine patrol during World War II, in occupied Germany, and on the Berlin airlift. Before joining the U.S. Air Force he served in the Royal Canadian Air Force. A senior pilot, Johnston has received the Anti-Submarine Patrol decoration, the Berlin Airlift Distinguished Unit Badge, the American Occupation Medal with Berlin Airlift Device, and the Medal for Humane Action. Prior to his flying service, he graduated from Simpson College, Indianola, Iowa. He is married and has one daughter.

Major Libby is a veteran of 12 years service in the Air Force. During this time he saw combat in World War II and in the Korean War, and participated in the Berlin Airlift. He has received the Distinguished Flying Cross, the Air Medal with two

(Continued on Page 6)

## An inspired freshman looks back upon his indoctrination at Camp Radford

By Jerry Fried

Well, new student camp is over, and, looking back, I know all the frosh will agree that we had one swell time.

We arrived at Camp Radford Thursday afternoon, and were later treated to some talks and skits by certain upperclassmen and profs.

One of the skits was a takeoff on the so-called typical Tech man. It illustrated the plight of the poor genius who, faced with an I.Q. of 246, was rather unhappy because he didn't have a friend with whom he could trade tales of accomplishment. Finally

he encountered a fellow award winner, who admitted under no pressure that he consented to come to Tech only after he was begged to accept a \$6000 scholarship. The curtain rang down on the two freshmen discussing their knowledge of higher math, and making plans to register for a course in relativity.

Another highlight at camp was the frosh-faculty softball game. Naturally the frosh won—that was to be expected. But the profs put up a darn good fight, considering their age and condition. They racked up a grand total of two runs while holding the frosh to only nine (thanks,

Huttenback). Who cares about winning, anyway, as long as they can build character.

Another activity in which the faculty excelled was mountain golf at night. The lights were turned off at 10:30 in the naive hope that everyone would go to sleep, but this did not daunt the profs. They brought their flashlights into play for the remainder of the night.

All kidding aside, though, we were really surprised to find that the profs are humans, just like the rest of us. We'll all be buddies from now on (till the little blue slips come rolling in, anyway).

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## Another year . . .

After the recent summer, the Caltech campus greets its students with a familiar, but somewhat brightened appearance.

The process of education, with its growth and changes, seems to work two ways, for not only is Caltech molding the lives of students, but in the process our relatively young school itself appears to be changing and growing.

The most obvious evidences of this growth, like a few more pounds or muscles, are the additions to the physical plant. As sort of a consequence of some pretty outstanding work in biochemistry, Church lab, now an impressive hole, will soon become another palace of scientific research along these lines. The dream of many years, the athletic center, is now taking definite shape as the imposing structure in Tournament Park. And for a further chance to flex Tech muscles, a basement room in the student houses is being spruced up as a game room.

On the academic side of undergraduate life, some Tech men will notice a considerable change in curricula, more freedom, with more electives, and even a new undergraduate option, aeronautical engineering. An experiment of many years, the accelerated sophomore honors program with third term research work, has been abandoned.

But for most of us the greatest indication of another year's growth of our campus is the change in our companions—the departure of last year's seniors, to whom we wish the best of fortunes, and the arrival of 165 freshmen to endure four years of education at Tech. To these freshmen, as to other newcomers, the California Tech joins all of Caltech in a friendly welcome and a most sincere wish that their experience here may be not only a training in technology, but also a meaningful education for competence, understanding and leadership among our fellow men.

We're pleased to see these additions and changes in Caltech, just as we look forward to the maturing of its students, the ultimate concern of the California Institute.

## New rotation rules

In keeping with the Honor System and the spirit of mutual cooperation, the Interhouse Committee adopts the following statement of policy on frosh rotation for the fall, 1954:

Rotation shall at all times be governed by an attitude of mutual respect between the Houses and the freshmen. The criteria for weighing all matters shall be: does it put pressure on the freshmen, does it constructively present the best points of the House, and does it damage the other Houses?

During the pre-camp and rotation week period, the House Presidents will meet every day to discuss problems as they come up.

As a guide the following specific do's and don'ts have been adopted:

Frosh are encouraged to state a preference for a particular House to the House President or the Resident Associate. Such a preference will assist in making homogeneous assignments.

Only the President of a House may express a preference to a frosh, and then only after the frosh has expressed a preference to him.

During rotation no House\* shall:

- Spend any money on the frosh.
- Post the coming social program.
- Organize or sponsor any social events.
- Get frosh dates, or lend them cars.
- Proselyte frosh after ten PM.

During rotation a House may:

- Escort a frosh to dinner.
- Post past terms' social programs and budgets.
- Visit a frosh of another House in his room.

During rotation no frosh shall:

- Actively or passively resist rotation.

\*"House" is defined as the organized body as a whole, or its individual members.

## Campus Brewins

**A woman is but an animal, and an animal not of the highest order.**

—Edmund Burke

Three months away from Tech has been enough to make a few brave Tech men wonder about Burke's view of women. Here's a rundown of marriages, scandals, and escapes—forced or otherwise—of our student body on the loose.

### Dear departed

As the spotlight turns and falls upon the happy faces of surviving Blackerites, we wish to devote a moment of silent prayer to those who have departed for more pleasant surroundings: Bernstein, Lawrence, Fleischman, Bensema, and Powell. R. I. P. Amen. To those Blacker men lucky enough (or unlucky, as the case may be), to enter upon a life of married bliss, namely Bodeen, Walkley, and Mead, our heartiest sympathies.

### Free from Tech's apron strings

The Beak, filled with scientific curiosity, embarked upon a poll of the remaining Blackerites with respect to their summer activities. Most of the answers were unprintable, but they ranged from self-satisfied leers from some sophomores to such retorts as "The European girls are much warmer than American girls" from world-traveler Beuf to Arp's comment, "the only female mammals we could find thirty miles out to sea were the porpoises, and they swam too fast." (?!!) to Stark's classic observation, "I had a long, dry summer!" As for the frosh, their secrets will remain well guarded until Purity Test time rolls around once more.

### Turnover

Fourth! The familiar student house call to combat is heard once more as miscreant Darbs return to the fold after a summer of work, surf and . . . sex? Some of the old familiar faces around the Dabney tables were missing. Notable among these was "Tiger" Bob Mandl ex officio house virgin and house stool who was welcomed with open arms by the USAF. Mick Holliman and Don Wilson moved to greener pastures, namely Cal and Oklahoma respectively. These expatriates were, however, more than compensated for by the return of Jerry Freeman (house disease) who returns after a year in the northern wastes of Alaska.

### A summer's escape

The bustle of city life moved some of the more regular members of the house to abandon civilization for the great outdoors. Jetter, Lewis and Kehle went so far as to spend 19 lonely days in the Sierras on a pack trip. Chuck Brokaw also spent a few days in the same mountains with his girl (everyone to their own taste!) Despite all this revelry most of the troops misspent the summer eking out a meagre living from the capitalist barons

who prey on such innocents.

### Phelan flees

Summer wrought many frightful changes on the Fleming corner of the campus. Bob Phelan was offered an irresistible two-year contract with the government and left for Fort Ord. But Uncle Sam relented in another case and returned Dwight Dennis to his rightful home in Fleming after a lengthy sojourn in the navy. He has been duly elected a member of the Tau Sigma fraternity.

Succumbing to the lures of the flesh, Bill Chambers got himself hitched during the summer, but seems to be none the worse for wear. Larry Whitlow not only spent all his summer earnings on a diamond, but returned so incensed that he was heard early one morning recently at the beach beating his chest and exclaiming "Man-Mountain Whitlow against the world" as the big waves pounded against his brawny (?) arms.

### Counter-revolution

Paul Wang, having been mutually agreed upon as leader of the Fleming Anti-Waiters Union, turned up on the eve of his initiation in a waiter's jacket and proceeded to join the Waiters' Union, to the great chagrin of opposing faction leaders. A quick shuffling of papers turned up Bill Berg to lead the peons in their useless revolutions, and can expect to receive cold meals for the coming term.

### Summer's saddest story

Lascivious Luke Bogdonovic came back in the deepest of gloom. Tough-bluff and semi-rough Luke cleared only \$2500

(Continued on Page 3)

## Here's dope on Fulbrights

Last year there were 71 applicants for Fulbright awards from M.I.T. and only 3 from Caltech. Since opportunities for technically trained students in the program are especially good, Tech men are urged to remedy this situation.

Fulbright awards cover the entire costs of a year's study, including transportation, tuition, and living expenses, in a large number of countries in Europe, Asia and Australia.

**Applications for the year 1955-56 must be filed by November 1, 1954.** The Fulbright Adviser at Caltech is Professor H. W. Gilbert; members of the Caltech selection board are Dr. Carl Anderson and Dean W. N. Lacey. Detailed information regarding the Fulbright program can be secured from Professor Gilbert, 104 Dabney Hall.

A year's travel and study abroad can offer some very concrete advantages for a young scientist or engineer.

- (1) A chance to step out of the conventional study routine for a year.
- (2) Breadth of experience and background.
- (3) Valuable professional contacts.
- (4) A chance to see something of the world at the only time when it is easiest to afford.
- (5) An honor which gives personal satisfaction and professional assistance.

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# Robertson is SHAPE aide

Dr. H. P. Robertson of the California Institute of Technology has been appointed scientific advisor to Supreme Headquarters, Allied Powers, Europe (SHAPE), headed by Gen. Alfred M. Gruenther, Supreme Allied Commander in Europe.

He is taking a year's leave of absence as professor of mathematical physics at Caltech and plans to leave for Paris early next month.

The position of SHAPE scientific advisor is newly created by the North Atlantic Treaty Organization (NATO), which authorized Robertson's appointment. His office is to supply scientific advice on military problems which arise in any of the divisions of Gen. Gruenther's staff.

An authority in operational research, Prof. Robertson is on his second extended tour of military duty as a civilian since World War II. For two years, from 1950 to 1952, he was on leave from Caltech to serve as research director for the Weapons Systems Evaluation Group in Washington. This agency performs studies on optimum use of weapons for the U.S. Joint Chiefs of Staff and the Research and Development Board in the Department of Defense.

During World War II, Dr. Robertson made extensive contributions to our defense in several capacities as a technical advisor. Last April he and Caltech President, L. A. DuBridge, participated in SHAPE's Command Post Exercise 4 in Paris as official U.S. scientific delegates. In his new post Prof. Robertson will be assistant to the SHAPE chief of staff and will act as an advisor to Gen. Gruenther.

Dr. and Mrs. Robertson live at 590 Auburn Ave., Sierra Madre.

## CAMPUS BREWINS

(Continued from Page 2)

instead of the \$4000 he expected for his four days' work as his father's son on his father's fishing boat. Our sincerest sympathy.

Pride goeth . . .

that we report that Ricketts' crowning pinnacle of virtue has fallen into the black abyss. Gil Beebower is reported to have lived all summer with a divorcee who treated him to a rent-free room, out of the kindness of her heart or something. Explained

Gil, "She wanted companionship." That doesn't sound at all unlikely to us.

. . . Before a fall

A casualty of the yearly mad dash back to school, the prized Volkswagen of trigger-happy Sam Phillips is now radically re-

modeled. The economical, compact, and air-cooled pancake engine of VW is now matched by a body made equally as compact and air-cooled by a roadside ditch in Kansas. In spite of the fact that the machine is now classed

(Continued on Page 5)



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**DEAN'S NAME**

(Continued from Page 1)

to more advanced subjects and research work.

Honor students in the class of '55 are: Jim Adams, John Andelin, Charles Brokaw, Delano Brouillette, John Domingo, Eugene Engels, Gary Gayron, Stan-

ley Grotch, Al Helgesson, John Honsaker, Harold Kramer, Hugh Leney, Gerald Lippey, John Merrill, Ralph Miles, Thomas Noonan, Richard Read, and Don Roberts.

In the class of '56 are: Norman Albright, Kyle Bayes, Howard Berg, Tom Bergeman, Myron

Black, Chuck Bodeen, Robert Bradford, Dave Cantor, William Chapple, Everett Eiselen, Lyman Fretwell, Dick Johnson, Paul McHorney, Ray Orbach, Rex Peters, Bill Spence, Ray Weymann, John Young.

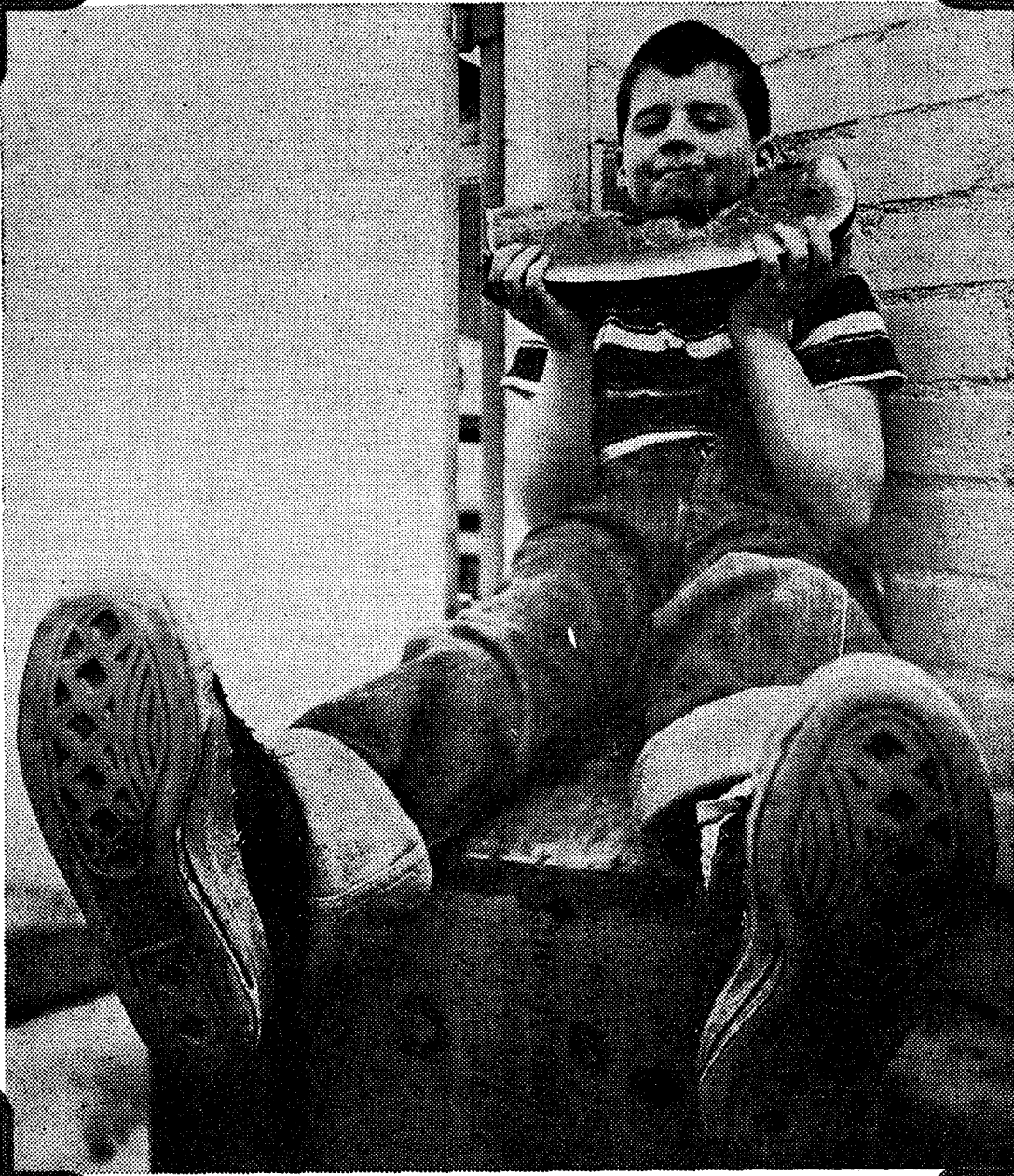
In the class of '57 are: Charles Anderson, Eugene Barston,

Baird Brandow, Dick Hundley, Peter Jordan, Gerald Klaz, Jacob Lubliner, Howard Marshall, Donald Meyer, Pete Moretti, Charles Mosher, Ed Nelson, Walter Peterson, Seymour Rapaport, Herbert Rauch, Ed Royce, Howard Rumsey, Marty Tangora, John Thomas, Jim Workman.

**FRESHMEN RETURN**

(Continued from Page 1)

ty members and students. The purpose of the numerous speeches was to give the students a preview of the months ahead, and to encourage them to enter into campus activities while maintaining a good record.



*What's wrong with this picture?*

You probably have a snapshot like it in your own photograph album.

It happens when you get too close to your subject, and the camera can't handle the perspective.

In another sense, you can get an equally distorted picture of the modern corporation. For viewed too close-up, it frequently looks bigger than it is.

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In 1953 we looked much bigger because we did a whopping \$325,000,000 volume. But this was only 13% of the petroleum business in the West.

Certainly we've grown. We've had to grow to serve a bigger market, to meet increased competition and to satisfy more consumer needs. But in proportion to the total business, we aren't as big as we were 44 years ago.

Seen in perspective, the picture is clear: the Union Oil Company, like so many so-called "big" companies, is really getting smaller all the time!

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# Beavers, Hens meet tomorrow

By Arne Kalm

Head coach Bert LaBrucherie unveils the 1954 edition of the Caltech football machine tomorrow night when the Beavers take the field against the Pomona-C Claremont Sagehens. The Hens were conference champs last year and they have nearly their entire team back this year. They are led again by Cedric Scott, a fine passer and punter, at quarterback.

Caltech, on the other hand, will be hampered again by inexperience. Although there will be nine lettermen in the starting lineup, there will be very few men with varsity experience to back them up. In fact there is a total of only eleven lettermen. Tech lost nearly its entire line through graduation and it was hit hard again in the summer when seven more men, notably first string halfback Art Takido and tackle Jack Hickey, decided to leave school.

Coaches LaBrucherie and Learned have been drilling the team for the past three weeks and they are well satisfied with the spirit that the men are showing.

### Conley leads team

Quarterback Phil Conley will lead the team into action. He will be teamed in the backfield with halfbacks McDonald and Christian and fullback Walt Menetrey. Right behind these men are Jim Okada, Jim Lloyd, John Lukesh, and Dick Morse. In addition there is Ted Lang, a sophomore transfer student from Hartnell J. C. in Salinas. Ted has been running well in practice, but he is two weeks behind the rest of the team in conditioning.

The line will be anchored by two year letterman Dick Manley at center and sparked by Ray Grieser, a veteran right end. They will all be in there fighting to win tomorrow night, but they will need the support of the students. Let's all be out at the Rose Bowl cheering them on.

## Heroes wanted

The California Tech sports department is in dire need of writers. As of the present time it doesn't have any and that means that I—the sports editor, that is—have to do it all. I am sure that many of you are waiting for the chance and this is your golden opportunity.

Also, Frosh Sports Roundup is begging for a writer. This is your big chance to see your name in print, you frosh. If you are at all interested come down to the California Tech office Monday night or see me, Arne Kalm, in Dabney 42.

## Soccer, polo men practice

Caltech's soccer and water polo teams opened practice on Tuesday with many eager candidates returning from a summer of loafing.

Soccer coach Sedat Serdengecti and his part-time assistant Bob Huttenback face a big rebuilding job as only five lettermen are returning. But Tech has only lost four games in the past four years and Huttenback has a reputation to uphold. Tech will have two teams this year, varsity and jayvee, and they will be participating in separate leagues. First games for both are on October 9, the varsity against Pomona and the jayvees against Thacher.

Water polo coach Don Garman has been forced up to the P.C.C. pool again this year to prepare for the coming season. The varsity will be sparked by all-conference forward Bill Davis. The frosh also seems to have a good crop of men out.

All the water polo men are eagerly waiting for the opening of the new pool, but it looks like a long wait.

## Frosh Sports Roundup

Thirty-nine freshmen turned out to meet coaches Ed Preisler and Art Miller last Monday to start off their athletic careers here at Tech. The football frosh will have their heaviest schedule in years as they play five games.

The team is working on blocking drills and learning fundamentals in order to get the men into condition for the opening game against Oxy on October 16. In addition to the Tigers the Beaverbabes play Whittier, Pomona, Cal Baptist, and Redlands.

## Caltech vs. Pomona

Time: Friday, October 8, 8:00 p.m.

Place: Rose Bowl

CALTECH:

Average Weight, Line: 189.3.

Average Weight, Backfield: 188.7.

LE	86	Bill Moeur	6'	160	So
LT	75	Del McCune	6'4"	225	Jr
LG	65	Kyle Bayes	6'	175	Jr
C	54	Dick Manley	6'3"	190	Sr
RG	66	Jim Snyder	5'11"	180	Jr
RT	74	Larry Whitlow	6'3"	220	So
RE	83	Ray Grieser	6'	185	Sr
QB	10	Phil Conley	6'3"	195	Jr
LH	32	George McDonald	5'10"	175	Sr
RH	43	Bob Christian	5'10"	185	Sr
FB	33	Walt Menetrey	5'11"	200	Sr

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## STUDENTS!

# Got a Lucky Doodle in your noodle?

# SEND IT IN AND MAKE \$25

### SCIC Standings

	Conf.			Overall		
	W	L	T	W	L	T
CALTECH	0	0	0	0	0	0
Pomona	0	0	0	0	0	0
Oxy	0	0	0	0	0	1
Redlands	0	0	0	0	1	0
Whittier	0	0	0	0	1	0

Scores:  
 Ariz. State (Fl.) 14, Redlands 0.  
 Oxy 6, L.A. State 6.  
 Santa Barbara 27, Whittier 18.  
**Games this week:**  
 Pomona at CALTECH  
 Redlands at Pepperdine  
 Santa Barbara at Oxy  
 Whittier at Arizona State (Fl.)

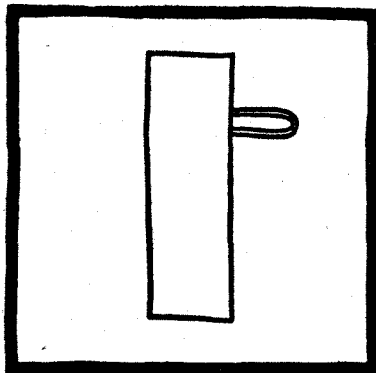
### Football Schedule

October 2—POMONA\*  
 October 9—L.A. STATE  
 October 16—REDLANDS\*  
 October 23—WHITTIER  
 October 30—POMONA  
 November 12—OCCIDENTAL  
 November 20—LAVERNE  
 \*Home game.

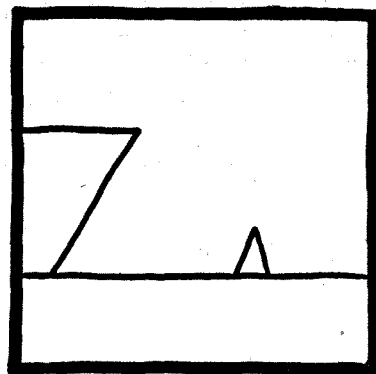
### CAMPUS BREWINS

(Continued from Page 3)

as a rolling total, it gallantly traversed the 1200 miles to California to uphold the mechanical toy of German manufacturers. Come in, Sam, it's not that bad. Snap out of your Weltschmerz and show a little more Gemutlichkeit.



MAN PLAYING TROMBONE IN TELEPHONE BOOTH



SHIP ARRIVING TOO LATE TO SAVE DROWNING WITCH

Want to pick up \$25? Make up a Lucky Doodle and send it in. It's easy.

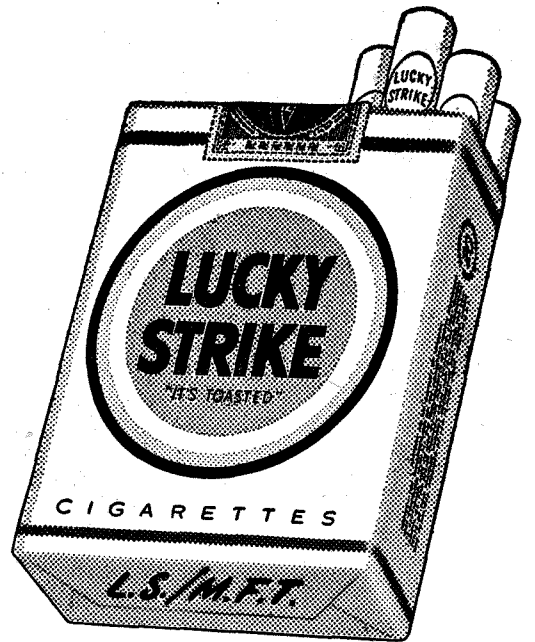
If you want to find out just how easy it is, ask Roger Price, creator of Doodles. "Very!" Price says. Better yet, do a Doodle yourself, like the ones shown here.

Doodle anything you like. And send in as many as you want. If we select yours, we'll pay \$25 for the right to use it, together with your name, in our advertising. We're going to print plenty—and lots that we don't print will earn \$25 awards.

Draw your Doodles any size, on any piece of paper, and send them with your descriptive titles to Lucky Doodle, P. O. Box 67, New York 46, N. Y. Be sure your name, address, college and class are included.

While you're doodling, light up a Lucky—the cigarette that tastes better because it's made of fine tobacco . . . and "It's Toasted" to taste better.

DROODLES, Copyright, 1953, by Roger Price



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

© A. T. Co. PRODUCT OF The American Tobacco Company AMERICA'S LEADING MANUFACTURER OF CIGARETTES

# FLASH!

## LUCKIES LEAD AGAIN IN COLLEGES!

Newest, biggest survey of smokers in colleges from coast to coast, based on 34,440 actual student interviews, shows that students prefer Luckies to all other brands. Once again, the No. 1 reason: Luckies taste better.

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# Dabney lounge brightened by Dufy painting exhibit

Been through Dabney lounge lately? Does it look different? Brighter, perhaps? It should, because its walls are presently adorned with a collection of Raoul Dufy's paintings. This is the first of a series of art exhibits to be held in the lounge under the sponsorship of the Pasadena Music and Art Association. It is also the first Caltech showing of a master's original paintings. Included in the exhibit are many watercolors, oil paintings and lithographs by Dufy. There are also a few photographs of him which were taken by Jacques Dalton, one of his close friends. The paintings were collected for a commemorative show at the Los Angeles County Museum, and were moved to Dabney lounge after the show closed. The show here will last until October 10.

Almost all the pictures were borrowed from collectors in the Southern California area, such as Jacques Dalton, Nelson Eddy and Darryl Zanuck. The lithographs are taken from an original Dufy Mural which was painted for the 1937 Paris Exposition. They illustrate the development of man's knowledge of electricity.

Dufy is not a serious painter. Rather, his paintings are gay and colorful. His work is characterized by complete simplicity of line work and color.

This show, as well as those which will follow, was arranged by Jennifer Ross, who writes the art column for the Pasadena Star-News. The next exhibit will consist of photographs by Sanford Roth.

## MAYHEW MASTER (Continued from Page 1)

tered the army as a private in 1941 and was assigned to an artillery group in the South Pacific. Later he attended OCS and went back to a similar job as a lieutenant, hopping around the Pacific in the midst of the war. And we learned from his record that he was awarded the Bronze Star for action during the Leyte campaign in 1944.

He sees his job here as essentially the continuation of the system which has developed over the years into the present concept of the student houses. He has, as one immediate goal, the bringing of Throop Club activities into the same sphere as that of the four houses—that is, having Throop really the fifth student house. The problem is one which in the past has been made more difficult by the problem of students living off-campus and not tied together by the bonds of eating and living as a unit.

And so, the "new man" down in the office of a Master of Student Houses certainly goes far in living up to the ideal of a friendly adviser for Caltech men. He is a Boston product—having been born in Boston and receiving his education at Harvard—who has the fresh approach and the background of Eastern experience which will be welcomed at Tech.

## NEW OFFICERS (Continued from Page 1)

Oak Leaf Clusters, and the Presidential Unit Citation. Prior to coming to Caltech, Libby was an instructor at Maxwell Air Force Base. Born in Greely, Colorado in 1921, Major Libby received a B.S. degree from Texas A.&M. He is married and has three children, two sons and a daughter.

Tech Sgt. Sprayberry has been in the Air Force for 6 years. A native of Hamilton, Georgia, Sprayberry has seen service in Japan and in England. Prior to coming to Caltech, he was at the Hunter Air Force Base in Georgia.

PENDULUM deadline is only a couple of weeks off. Get your stories in to the editors as soon as possible.

# Speech men meet Monday

Loquacious Tech undergrads interested in joining the international hassle over recognition for Communist China or eager for orating, reciting, or discussing are invited to participate in intercollegiate speech activities this year.

An organization meeting for Tech speakers will be held next Monday night, October 4, at 7:30 in 208 Dabney. All interested undergrads are asked to come. Experience is not necessary.

In addition to debate, Tech's forensics program includes discussion, extempore and impromptu speaking, oratory and oral interpretation of literature.

"In the past few years Tech speakers have acquired a rather impressive collection of trophies in competition with other colleges, and we hope to continue with active participation from new freshmen this year," stated Dr. Lester McCrery, forensics coach.

Further information may be obtained from Dr. McCrery in the debate office, 309 Dabney.

# Drs. Beadle, Swift, Davidson receive awards during summer

Dr. George W. Beadle, Dr. Ernest H. Swift, and Dr. Norman R. Davidson have been awarded honors by their fellow scientists during the summer months. Dr. Beadle was awarded an honorary D.Sc. by Rutgers University on the occasion of the dedication of the new Rutgers Institute of Microbiology. Dr. Swift has been named recipient of the 1955 Fisher Award in analytical chemistry of the American Chemical Society. This \$1,000 award is made in recognition of outstanding contributions to the science of analytical chemistry.

## Dr. Ingersoll goes to India

Dr. Alfred C. Ingersoll, assistant professor of civil engineering at Caltech, has been appointed a Point Four Program specialist in engineering fluid mechanics to serve at the Bengal Engineering College in Sibpur, India.

As a visiting professor there, he will aid in introducing modern laboratory methods in teaching engineering subjects in India.

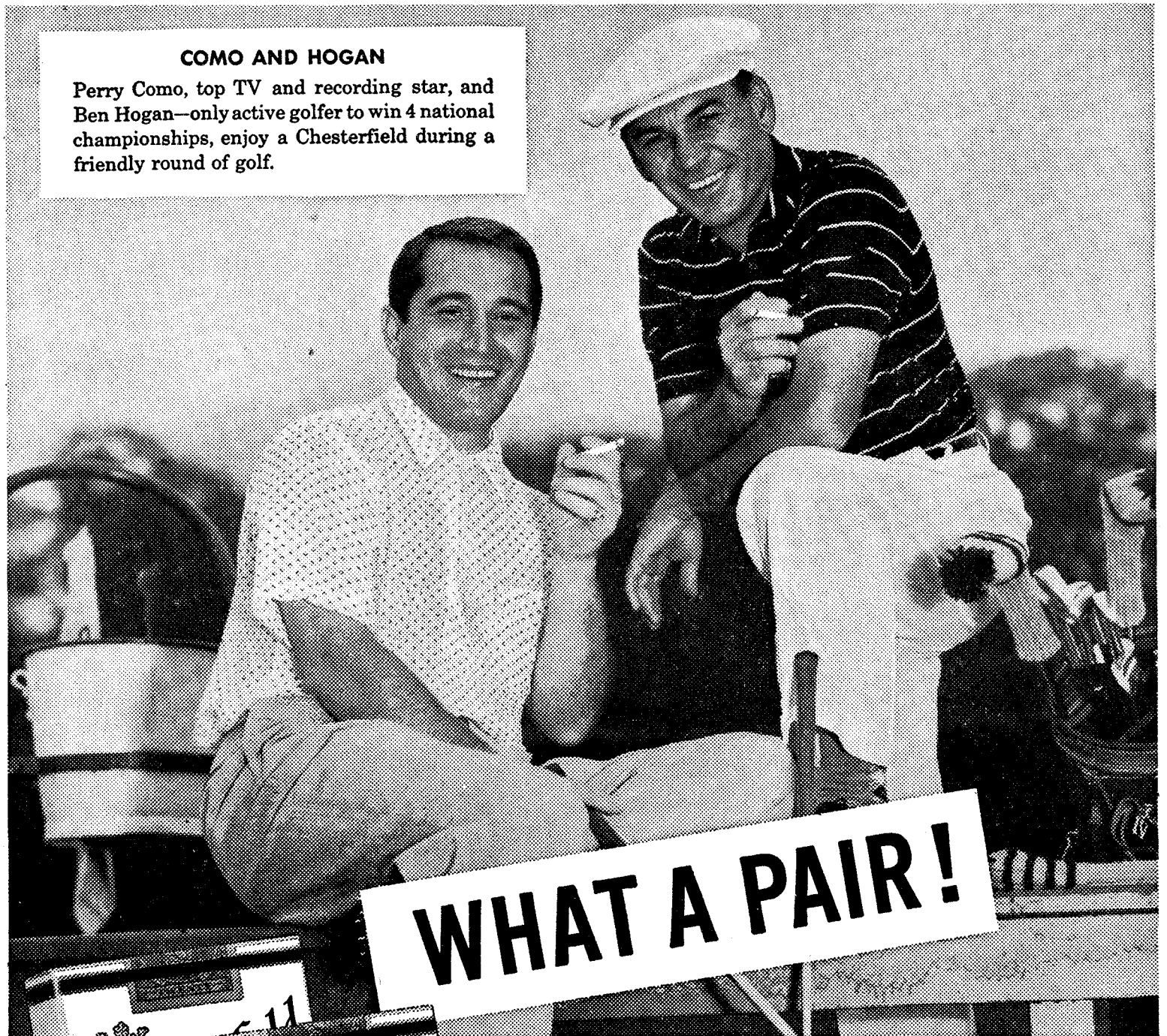
A Caltech faculty member since 1950, Dr. Ingersoll is a graduate of Wisconsin where he also received the M.S. and Ph.D. degrees. He is co-author of two books.

Dr. Davidson has been chosen 1954 recipient of the California Section Award of the American Chemical Society.

Dr. Beadle is noted for his development, with Dr. E. L. Tatum, of the bread mold, Neurospora, as a research tool for the study of heredity and biochemistry.

Dr. Swift's research involves the application of physico-chemical principles to the solution of problems in analytical chemistry. He has written three books on this subject.

Dr. Davidson is specifically to be recognized for his investigation of the rates of very fast chemical reactions which may take place in less than a thousandth of a second.



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