California Institute of Technology
Thursday, October 16, 1947

Electorate To Choose First Rep At Polls Today

Aroused Beavers Tie Poets, 6-6

Come From Behind; **Outpower Favorites**

Bang-up playing mixed with sloppy ball handling featured the 6-6 deadlock with the Whittier Poets last Friday night on the muddy Rose Bowl gridiron.

Engineers Look Good

The fighting Engineers in no way looked inferior to the highly rated Whittier eleven, namely earlier as the most potent team in the conference. Coach Anderson's men played hard, but all the breaks seemed to fall to the Poets, who were put in scoring position three times when the Techmen couldn't hold on to the slippery pigskin, and the Poets recovered deep in Beaver territory. Twice, too, fumbles ended strong Engineer attacks, and four pass interceptions, with sparkling play by "Buck" Jarnagan, Poet fullback, ran up the total of good fortune for the Whittier squad.

Poets Score

The lone Poet tally was set up early in the second half when Jarnagan intercepted a pass from McLean, brilliant Tech back, on the Tech 26-yard line. (Continued on Page 5)

Student I.R.E. To Meet Wednesday

The Student Branch of the Institute of Radio Engineers will hold a business meeting for the purpose of electing officers and and other activities during the coming year. The meeting will take place next Wednesday, Oct. 22, 1947, at 4:00 p.m. in Room 206, Dabney Hall.

All students, including freshmen, with interest in any branch of electronics are invited to attend; those not yet members may apply for student membership at the meeting, Advantages include large portion of the Institute's tions. free subscription to the Proceedings of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity for contact with estable Unclear terms of the I. R. E. and the opportunity of the I. R. E. and the I. R. E. and the opportunity of the I. R. portunity for contact with established members of the profession through the Los Angeles Section of the Institute of Radio Engi-

Baby Clinic

Dr. Belle Dale Poole, Medical Officer of Maternal and Child Hygiene, State Public Health Department, and formerly pediatrician on the staff of Columbia University, College of Physicians and Surgeons, has kindly offered to conduct weekly clinics without charge for children under two years of age of married students of the Institute not having a personal physician.

The clinic will be held in Room 102 Kerckhoff on Tuesdays, beginning Oct. 14th at 4:30 p.m.

Campus Calendar

Thursday, October 16—
Upper Class Luncheon Club at the Training Table, 12:00.
Throop Club Meeting, 12:20.
Orchestra Practice in Culbertson Hall, 7:30 p.m.
Glee Club, 8:30 p.m. in Dabney Lounge.
Blacker-Dorsey (Scripps) Exchange Dinner, there.

ner, mere.

Friday, October 17—
Blacker Stag.
Dabney - Browning (Scripps) Exchange, there.
Fleming-PJC Exchange.

Saturday, October 18— Blacker Theater Party. Dabney Theater Party. Throop Club Barn Dance.

Monday, October 20—
Class Meetings at 11 a.m.
Varsity Club Meeting in 206 Dabney, 7:30 p.m.
Tau Beta Pi in 101 Dabney.

Tuesday, October 21— Band Rehearsal in Culbertson Hall, 7:30

p.m.
Christian Science Organization, 7:30 p.m.
Wednesday, October 22—
Frosh Luncheon Club at the Training
Table, 12:00.
Dancing Class in Culbertson Hall, 7:30

p.m.
Thersday, October 23—
Upper Class Luncheon Club at the Training Table, 12:00.
Throop Club Meeting, 12:20.
PAJAMARINO, 7:00 p.m., at Tournament Park.



The evils of drinking were extolled to patrons of the Pasadena bars and the Playhouse last Wednesday night, when Tech Varsity Club initiated new members. Shown are two gaily-bedecked recruits aftempting to keep two patrons from going astray.

Frosh To Elect Section Leaders Tomorrow

Friday morning, Oct. 17, is the date set for the Frosh section elections. Each section will elect a section leader at its first meeting on that date.

"Each section leader will represent his section in all academic matters," Dean Strong told a Tech reporter in a recent interview. "The nine section leaders will form an informal Dean's Cabinet."

Section leaders should report to Dean Strong in his office as discussing plans for field trips soon as possible after the elec-

Tech Offers Help To Needy Students

Need help in getting through school? Many men do, although Uncle's payroll have to depend on their own money. Often some get through school without some

In past years the Institute has been helping out by direct half inequitability of this system, last year the committee gave honor standing to all undergraduates above 2.5.

On Basis of Actual Need

Men with honor standing are eligible to apply for a tuition grant. The committee then divides the money available among the applicants on the basis of actual need.

Although an attempt is made music available. to be completely impartial, many men are bound to be disappointwas only \$15,000 available and the amount requested by the eligible students was \$24,000. Under these conditions not everyone could be satisfied and it was up to the committee to decide whose needs were really urgent.

Book Store Contributes

The money available comes from three sources. A major portion comes from grants to the Institute. Some of the grants are invested and only the income may be used for student aid. The Institute's general fund supplies some of the rest; the remainder comes from the book store's

BOXES . . .

Five boxes per day per Freshman, remember?

"You'll hate yourself later if you don't get 'em," quoth Dabney enforcer Muehlberger.

Frosh Reception At DuBridge Home

Among others to welcome the freshmen were Dean and Mrs. Foster Strong, and a group of young ladies from Westbridge.

Refreshments were served and an air of cordial informality prethroughout the after-

First Term Throop Social Program To Feature Hay Ride

Throop Club opens its Social Season on October 18 with a Barn Dance. This first event will include the traditional features Uncle Sam is doing his bit for a plus a number of added attrac-

the lowly freshmen slaves break student is completely unable to having and promise to have the Old Hay Mow fixed up in fine shape.

In case anyone has time to visit the stall at the west end of or full-tuition grants on the basis the barn he may be surprised by of grades. However, due to the the bale of hay loaded with some very "interesting" refreshments.

Unfortunately, lighting will be so lousy that you may trip over having a grade point average of something, but there will be so dues. much hay around, no one will get hurt (maybe.)

Additional Records Obtained

Special records have been "acquired" to augment the excellent and well-known record library of the club. There will be a fascinating variety of mood

For those who would like to have dates arranged for them, a the disposition of last year's coned. For instance, last year there Date Bureau is operating in the Club Lounge.

Social Program

The social program for the remainder of the term is:

21-Open House after Oct. game.

1—Open House Nov.

game. Nov. 6-Interhouse Dance.

Nov. 21-Radio Party.

Nov. 29—Hayride.

from 8:30 to 12:30,

Pomona Exchange The Exchange Dance at Pomona College on Saturday, Oct. 11, was held in Blaisdell Hall

Original plans called for 35 girls and 35 Throop men. When 55 girls signed up the houses cess. Eventually 75 couples arrived.

The girls decorated the hall and Throop provided Coke and (Continued on Page 2)

Pajamarino Next Week

Frosh to Guard Boxes In Tournament Park

Thursday is the day! The Pajamarino is the event. This is the big show put on by the Rally Committee for the game of the year, the Tech-Oxy game. Dinner will be eaten in Tournament Park. Off-campus men can buy meal tickets for 70c. They go on sale today.

Pajamas Required

After the evening meal there will be songs, yells, skits in which the audience will participate, and prizes for the best pajamas. Start now; get the most brilliant pajamas you can find. Wire them for multicolored lighting effects and show the Fireside Series citizens of Pasadena some Tech ingenuity. Sometime during the performance the bonfire will be lit. It is the duty of the Freshmen to "acquire" an outhouse. This will repose on top of the blaze as a tribute to Oxy.

Following the ritual bonfire there will be a parade downtown The Freshman class was en- in which everybody will particitertained last week-end at the pate, pajama clad. At one of the home of Dr. and Mrs. L. A. local theatres there will be en-DuBridge. Half of the class was tertainment in the form of the received on Saturday afternoon, P.C.C. Highlighters. Connie Bosand half on Sunday afternoon. well will sing, and there will be women, women, women!

Guard Duty

Starting Monday the Frosh will begin sentry duty in Tournament Park so that no Oxy man shall profane one sacred splinter of our bonfire-to-be. All Frosh who own, beg, borrow, or appropriate sleeping bags will find themselves sleeping in Tournament Park. An invitation has been extended to all Oxy men to attempt premature kindling prominent people in their homes. of this traditional blaze, and there are a few optimists who think they can do it. To thwart these arsonists there will be an elaborate alarm system, floodlights, four houses full of guys eager for the Oxy scalp; and just in case, fire hoses.

ing their backs doing the fall Meet Monday At II

Individual class meetings have been scheduled for 11 Monday morning, Jack Ottestad, Rally Committee Chairman, announced

Pressing items of business will be taken up at each session, it was disclosed, including the allocation of large quantities of

The Seniors will meet in Culbertson to discuss coming class activities for the year, including the prom.

Organize Mudeo

Juniors will meet in Dabney Hall Lounge. Most pressing business will be the organization of the Mudeo, traditionally "run" by the Juniors; the prom, and also siderable surplus finances.

Sophomores will meet in 201 Bridge and Frosh in 206 Dabney to organize themselves for their Coed Field Trip coming encounter in the annual Mudeo and loser-sponsored dance.

Glee Club Plans A Musical Year

TECH'S GLEE CLUB has organized. Meetings are every can sing, is strongly encouraged to join.

A tentative program, outlined by President George Drapes, were called in to provide the ex- anticipates assembly entertainsome inspiring exchange schedules.

hearted men!

Mittenthal, Smyth, Woods Vie For Important Position

Winner To Take Over Social Program For Coming Year

Today all undergraduates and all graduate members of the ASCIT go to the polls between 12:30 p.m. and 4:30 p.m. to fill the vacancy of First Representative-at-Large, necessitated when Bill Shippee, elected to the office in the general ASCIT election last spring, resigned at the beginning of this term. Three candidates ar running for the office: Bud Mittenthal, senior class president; Bill Smyth, acting First Rep; and Bill Woods.

Millikan, Pauling, Lindvall Open "Y"

On Sunday, Oct. 26, the new 'Y" Sunday Firesides series will begin when three prominent faculty members invite students the First Rep is a member of to spend an informal evening of any kind of discussion complete with light refreshments.

In general, these Firesides will be open to all four classes and to grad students. On Oct. 26 the Millikans and the Lindvalls are each holding open house for twelve men; all but Freshmen are invited. On the other hand, the Linus Paulings plan to entertain the entire Freshman class in a series of consecutive Sundays. They would like to start with twenty-five Frosh on the 26th.

These gatherings, held in the homes of faculty and of local . In front of the main library in Pasadenans, are handled on a voluntary sign-up basis. Their main purpose is to give Tech students a chance to meet these

For convenience, the sign-up lists will be kept in the Athletic office in lower Throop. It will be entirely a case of first come, first

DuBridge To Get Scientific Award Space Assigned Space Assigned

Corporation of New York for outstanding scientific achievement will go to Dr. Lee A. DuBridge, President of the California Institute of Technology, and will be presented at a dinner in his hon- the Athanaeum - whose nameor Nov. 3 at the California Club, plates have not been installed, James R. Page, Chairman of the Institute Board of Trustees, announced today.

Dr. DuBridge was chosen to receive this award, which carries with it a plaque and a \$2500 honorarium, "for his outstanding scientific achievements in direct. nameplates are completed. It is ing the Radiation Laboratory of hoped that the job will be done the Office of Scientific Research and Development in the field of microwave radar research, development and application to na-

(Continued on Page 3)

Geology Club Throws The first coeducational field

trip of the current season was held by the Caltech Geology Club last Sunday in a mountainous part of Altadena. Despite intermittent rains during the early part of the afternoon, more than sixty members of the depart-Thursday night at 8:30 o'clock in ment, including faculty, students, Dabney Hall Lounge. Any man wives, families, and dates, spent who likes to sing, or thinks he the afternoon investigating the geologic properties of a barrel of beer and vast quantities of assorted food.

President Robert White of the Geology Club emphasized, in a ment, a Christmas program, and statement for the press, that in the future more attention will be given to this type of field trip, Come and sing, you stout- and less to the more technical aspects of geology.

candidates will be found elsewhere in this issue.

Duties of First Rep The office is one of the most important offices of the student body and the qualifications of the candidates should be carefully noted before voting. The principle function of the office of First Rep involves organizing and carrying out the social program the Honor Point Committee and any such other committees as may be stipulated by the Board of Directors. Finally, the First Rep is an active member of the

Board of Directors of the ASCIT. Where to Vote

The polling places will be slightly different this year in that polling booths will be located west of Throop Hall. Between the hours of 12:30 and 1:15, the following polls will be open:

- · The four student house courts. · Throop Club.
- In front of Dabney Hall of the Humanities.
- Bridge.
- From 1:15 to 4:30 p.m. the following two polls will be open:
- Fleming-Ricketts Court. • In front of Dabney Hall.

Remember, it is the privilege as well as the duty for ALL ASCIT members to vote for First Rep. today, Thursday, between 12:30 and 4:30 p.m.

Statements of candidates will be found on Page 2.

The Building and Grounds Office requests that all persons parking in the "700 block" of the parking lots-that is, the two sections immediately south of park about two feet from the curb on Friday and Saturday.

This will facilitate the installation of wooden nameplates in the assigned spaces in this area.

All other Institute parking lots will be thus oufittted as soon as by the end of the month.

Sold Out

Persons not having regularly assigned spaces on campus are reminded that all available space has been alloted and parking by persons other than those designated in a space is illegal. Offenders are likely to find the following notice on their vehicles: "The Campus Parking Rules are being enforced. This car has been parked in violation of one of these rules. Kindly observe these

(Continued on Page 4)

Got Your Big T?

A number of students have not picked up their 1947 Big T's. Any man who paid his ASCIT dues three terms last year is entitled to a Big T and may pick his up from Joe Green in room 11 Dabney House.

A few copies of this annual are still available in the bookstore at \$5.00 for those not lucky enough to rate a free

The dance was very enjoyable to

and phone in the Tech office.

Social Notes From All Over

by regular workouts with a

Berne, Switz. Local "Redlight"

Wolfe's decision not to do grad-

uate work there at the Univ of

co-eds from the latter that he met

condescended to start school a

for him by someone else.

trouble tearing away from.

wonder what blonde he had

Tom Stix has finally decided to

come back to the fold and date

women instead of little girls.

Roger Chambers and Bud Mit-

tenthal really put on the dog last

Sat. night including Sardi's for

a little late and a little tight, and

cluded a local campus "cutie."

Al Eschner has been giving a

spring's selection campaign, al-

though she is more curvacious.

The most promising social ac-

tivity of the coming week-end is

the party rumored to be held at

the Ski hut by its members.

What are they going to do with-

REMEMBER

CAMPUS BARBER SHOP

Coffee Shop Building

CALTECH SPECIAL

LAUNDRY AND

DRY CLEANING

Left at the

CAMPUS BARBER

SHOP

IN THE COFFEE SHOP BLDG ON MONDAY

WILL BE RETURNED ON FRIDAY REMEMBER

Campus Barber Shop

SY. 2-5107

out any snow?

We

VERY attractive blonde.

The California Tech

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

CALIFORNIA INSTITUTE OF TECHNOLOGY

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Offices: Lower Fleming Telephone: SYcamore 6-7121 Ext. 180 Distributor of Collegiate Digest

Len Herzog, Editor

Den Herzog, Editor					
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...Mitch Cotton, J. C. Bear,

Earl Hefner, Neal Pings

BUSINESS STAFF Manager

EPHEMERAE

For the benefit of Frosh and other new subscribers, a little orientation . . . This is the col- tive is one of the more important umn in the California Tech at Tech. As the social chairman where the editor has his say... of the school, he has the job of Topics, well, "we" reserve the dragging you from your snake DACHSHUND right to sound off on just about holes, as well as other duties in anything, so don't let any sud- the Board of Directors. den jumps surprise you . . .

Today's Election

Upon the outcome of today's election rests, in large measure, onic stage. For this reason, if no serves. One final note: other, every ASCIT membertheir dues for the term—should be more than passingly interested in the outcome.

Study the statements of the three candidates in the adjoining column; decide on your choice; then vote. Polilng places and times are given on Page One. Bigger?

Some of our clients have questioned the statement in last was a "bigger, better paper" . . . on the latter count, a few more sue of size, we've got the figures: Last year's four-page, five-column sheet held 320 column inches; the six pagers had 480 inches. The new, six-column by 19-inch pages—almost as many as last out six pages of the new size, gay social season. their 684 inches means 81/2 pages of the old size . . .

So the TECH really is bigger. Fellow Students: Coffin Corner

Whittier paper article (see Page | I and Redlands all openly claiming their best elevens in history, Whittier was only made favorite to take the conference cham-

pionship . . . you know where

That coffin corner kick of get down under 'em just a little you in this capacity. quicker and prevent those long returns that nullify the best punts, although each game so far has shown a marked improvement in this department.

Gals and Old Grads

that left us!

of ours? Really add something, erones generously consented to path toward becoming true Tech don't they . . . Maybe they're a give the girls an extra hour be- men. partial explanation of the some- cause everyone was having so what surprising prenomenon of much fun. the beginning of real school spirit exhibited by the troops of late, which so mystifies "old grad" Still Open

again" . . . even if it means miss- fronting us. start in spite of the combined hope. As for this issue-since obstacle course of editor, copy it's the largest (excepting Rivets) reader, proof read, linotype oper- on record in some years, don't ator and printer . . .

Your Space

Just a reminder: That Squares' won't be . . . you feel an urge to sound off on oiled up, look for improvement: a sizeable audience—and that's and higher quality. what the Squares' Circle pro-

Stan Barnes, Paul Saltman,

Candidates

Statements . . . The office of First Representa-

.....Bill Bradley

As for qualifications, I feel I am well qualified for the job. I helped organize the Fleming House social program this year; the ASCIT social schedule for also I have the necessary time the year, already in an embry- this position requires and de-

While the success of any social that is, all those who have paid program depends on the co-operation you fellows give it, I intend to give you a social program which you will want to support.

Bill Woods

The most important task of affairs can round out the social of imagination and variety in week's TECH to the effect that it their planning. Although they issues will tell . . . but on the is- are more resources available to pose of getting it printed. put them on in style. Some of these social events should be of a rather unconventional style to printed, although my friend, the keep things from getting monot- Dachshund, had difficulty in reconous. This institution may not ognizing it as his old acquaintpaper has 456 inches for four be a country club, but that does ance of three nights before—the dinner, the Pasadena playhouse, not bar us from taking advan- beads had dropped from its eyeyear's six-pager. When we put tage of its small size to effect a

-Bud Mittenthal.

Poets . . . with Oxy, Pomona think clearly. Then, get out and vote for Bill Woods, Bud Mittenthal, or myself.

Last year I worked with Bob Barraclough when he was in office and then with Bill Shippee while he was in office. This year I am acting as First Representa-Glen Chaffee's, by the way, was tive by appointment of the Board a thing of real beauty, as are of Directors until the election is most of Glenn's boots. One could held. I like this work. I hope you only wish that his ends would will elect me to continue serving fortunate trend apparent in

-Bill Smyth.

THROOP CLUB

(Continued from Page 1) cookies.

How about those song leaders break up at 11:30 but the chap- out and start them on the proper

vides if nothing else.

Etaoin Shrdlu in his letter to the By the way, positions on the editor (see "Squares Circle) . . . TECH are still open . . . if a few participated. Not only that, but We also wish to assure Old more were filled, we wouldn't be some of them were even heard Grad Max Panzer (same column) quite so worried about now (1:45 to indulge in raucous noises that necessary steps will be tak- Tues. A.M.) about the 90-odd known in other less-favored eduen to see that "it doesn't happen inches of blank space still con-

ing an afternoon at the beach. Once the sports season gets We hope the Walrus and the rolling, however, a lot of that Carpenter got off to a creditable space will take care of itself, we be surprised if there are a few imperfections . . . we certainly

Circle column is your space. If But once the machinery gets anything you might as well have More cuts; more meat; less filler,

-LEN.

Campus Brewin's

It has been increasingly diffi- long trek out to Scripps along cult to write this miserable col- with the old dielards, Mitch umn lately due to the sad lack Cotton (who by the way seems to of social activities on this cam- have aced out Carl Price), Clay pus. Some students have been Englar, Bill Boutelle, Dick Alexdriven to actually hitting the ander, Jim Thorpe, and Dabney's books while others with a little own Chuck Auerbach. The above cut last week, we will continue, more imagination have conduct- mentioned were about the only as long as there remains consided their social life off campus upper classmen present; the erable doubt as to whether pigs and hence, more undercover. My frosh were present about 50 have wings, to glean a glimpse back aches from peeking through strong and under the expert of glittering glamour in the the pulchritude level of Techmen's dates has fallen so low word is that we have been rethat they are ashamed to bring placed by the boys from Mudd. them around, but the IHC's rulelytizing, is a possible cause.

houses. The football players, munching cookies. Part of our gerous, but well-filled, strapless watch. Quarter to eight. Get girl cheer leaders were present. on couches in front of the fire-

Last Saturday night I made the

THE SQUARES'*CIRCLE*

Dear Editor:

A friend of mine, who happens to be a Dachshund, was sitting Berne. It seems that the Univ. of ing to a Walrus and a Carpenter sweating out the construction of this summer caused the change what sounded to him as the mak- in plans? ings of a fine, fine column . . .

This column was but newly emerged, and even more newly christened . . . it was but a eyes (Block that Metaphor!) It was to be introduced, introduced ease, and then frustrating a cer-First Rep is that of arranging to the world; it was to have exthe ASCIT social events. These plained the reason for its existence-the hard-working authors, program admirably by the use gathering inspiration from jabberwock juleps, were finally satisfied with their tour de force are less frequent than house af- and proceeded to submit it to fairs, being for everyone, there to your publication for the pur-

> Well, apparently, it did get lashes, its mascara had run, and then to the Stuft Shirt for a its lipstick was on crooked; it nightcap. One of their dates inhad gotten a butch haircut, and the cream had been skimmed off. What I want to know is where

Dear Editor, my friend, the they get the money? Today is Election Day. It is Dachshund, complains about this We got a chuckle out of that the day you should exercise your kind of wanton mutilation, of the privilege of electing a student ruination of familiar features, certain Hollywood gal named 5) and their poor, underdog who will represent you. Please, about the unnecessary use of the Ginger the big rush—relax, felblue pencil, and fervently hopes lows. She's not the same one that that such nonsense will cease; he made such a hit during last threatens to die and come back and hant ya, if it does not.

Yours sincerely, Max L. Panzer.

APPALLED

To the Editor:

As an old Tech man of long standing, I regret to note an unthese corrupt days in my old Alma Mater. I refer to the nauseating exhibitions of "school spirit" so flagrantly displayed this year by certain new and ignorant students. I would like The party was supposed to to do my best to straighten them

> I am informed (I didn't see this myself) that certain members of the student body have been seen to attend football games in which the Tech team (Continued on Page 3)

> > COLLEGE MUSIC HEADQUARTERS **RADIOS - RECORDS**

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Whether Pigs Have Wings

by The Walrus and the Carpenter

As we were saying when our remarks were so peremptorily keyholes and looking under ta- guidance of Alexander and Carl gloomy conglomerate—that is, to bles. It has been suggested that Price. It seemed very strange to find the unusual in the usual. see so few Techmen there; the So . . .

GENESIS: Ph-la

Freshman Peter Jernigan and ing against social events during this reporter's roving eye. The his roommate walked through rotation on the grounds of pros- girls were dressed in the latest the Ricketts-Fleming portico and He passed his white card forfashions—two inches lower in headed down the olive-walk. After the Whittier game there skirt and bosom; the latter was Peter was conscious of keeping this course will be . . ." A stir was on open house in each of the most appealing but the former up a casual conversation with distasteful. The most exotic his companion, but his mind was mostly dateless, were around femme in attendance wore a dan-elsewhere. He looked at his red dress. I was unable to get an there early the first day. Mt. Most of the couples enshrouded introduction but if any reader Wilson on his right stood out in darkness, were rolling around knows her, please drop her name clear and firm. A fine, brisk morning. He shivered. Let's see . . first week of college . . . Warren Marshall makes this study hard, fifty hours a week column again with his Sunday but no more, be alert in class, night activities in San Marino. It football in the afternoons, get seems he is keeping in training enough sleep . . . don't be a "snake" though, get to know people. Sex? At least once a week. That blond at the tea dance . . district in uproar over Frank from San Marino . . . hmmm.

Nearing Throop he paused to check the blue card, Ph-la-M8under a certain Student House Minn. holds more attraction at 306B. "See ya', Bill," to his roomdesk the other night and listen- this time-could it be that the mate as they parted company. Things should work out pretty well; all it takes is a little organization. He glanced up at Apollo and self-consciously avert-Chuck Forrester, Rickett's ed his eyes. Those upperclassman-about-town, seems to have a men in his alley. Art Reardon habit of arriving late. First he across the hall, house vice-president. How had he put it? "Tech's fledgling, yet covered with down week later than you and me, a cinch if you read the book the and rubbing the sleep from its something about being laid up in night before the final." Different the hospital with a strange dis- story from the soph next door, tions and little arrows were cov-'Nobody can get the work done tain queen by arriving at the La in fifty hours." And that strange Verne game five minutes from fellow in Rm. 16 who never said low in the first row beat him to the end. She had been brought anything. He turned in the door it. The class tittered insultingly of Bridge and trudged up the and Peter was glad he had been stairs. 304, 305, 306, he walked spared. More notes. A bell rang. in. First one there. The blue-Bruce Hedrick was seen squir- green textbook crackled as he problems. A second bell. ing Mary at the Scripps formal, opened it and thumbled through his valedictory address to his is Tech!

high school class three months ago . . .

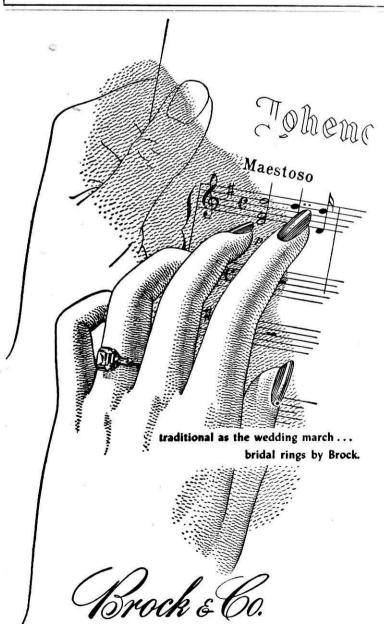
"Oh, hello, Tom." The room began to fill. He adjusted the sheets of clean white paper in his clipboard. A figure in a plaid sport coat was writing something in a corner of the blackboard. The sport coat turned around, revealing a face that was fair, clean-shaven and twentyish. The mental image of a bearded ancient professor recedide reluctantly from Peter's mind. "My name is . . . , my office hours are . . . , etc., etc." Peter flipped the pages to Chapter I. Linear Motion. Couldn't be too bad. After all, got 98 on that high school physics final. ward. "The grading system in of eagerness swept over the class and pencils scribbled in unison. For the first time Peter surveyed the men about him. Decentlooking bunch, but that look of radiant intellect on their faces made him slightly uneasy . . still, the obvious newness of those yellow slide-rule cases throughout the class was a bit reassuring.

"I assume that most of you gentlemen are familiar with a fundamental principle of the differential calculus." There was a ripple of nervous laughter. What's all this? The instructor began writing equations on the blackboard and the clean white sheet of paper on the clipboard was soon filled. "From this it is obvious that the acceleration is equal to the second derivative of the displacement vector with respect to time." Peter recalled the simple statement in his high school physics book, "a equals v over t." No time to worry about that; more equaering the board. Peter raised his hand to ask a question, but a fel-Assignment for tomorrow: eight

Gathering his books, freshman the pages. Pictures of Faraday, Peter Jernigan rose and walked Newton, Galileo. Always read out into the dark hall. As he lit the preface. "A textbook for the his cigarette, a slow, quiet panic serious student . . ." He recalled crept up within him . . . So this

CHRISTIAN SCIENCE ORGANIZATION AT CALTECH CORDIALLY INVITES ALL STUDENTS AND EMPLOYEES OF CALTECH TO ITS MEETING HELD THE FIRST AND THIRD TUESDAYS OF THE MONTH AT 7:30 P.M. IN 208 DABNEY HALL.

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A Report To The Members Of The ASCIT: Caltech Musicale Where Your Money Goes

Here's the picture of where it your pure of the picture of where it your pure of the picture of where it your pure of the picture of the pict \$ 450.00 \$ 159.40 \$ 797.00 \$1594.00 \$ 797.00 1173.00 1564.00 1137.00

\$3107.00 \$6367.00 \$3099.00 \$450.00 THIS IS HOW WE DID BUSINESS FOR THE ASCIT FROM

JULY 1, 1946, to JUNE 30, 1947—All bills which ordinarily would have been received after June 30, 1947, have been billed to the proper accounts and set up in accounts payable.

42.00 1516.00 4.00

General ASCIT Dues	q	6,367.00
Other income		12.25 620.5
Other income Surplus from past administrations. Fund (built 60% this year) to replace caps and gowns. Fund to be used for a swimming pool. Gift to CIT for a swimming pool.		1,763.98
to mile of bud debte from the personal from the	301.13 19.95	
Awards Athletic awards—sweaters, certificates, etc	1,269.03 151.13 157.82	
Social Program Officer's Banquet	94.27	45.00
The dancing class Frosh Tea Dance Frosh Tea Dance Frosh Tea Dance Frosh Tea Dance Riviera Sport Dance (free to you) Spring Formal (free to you) Shipwreck Dance (bids)—you didn't support it. Tri-School Dance (bids)—Oxy sagged on this \$3,072.78 affair Social Chairman's expense	12.30 381.73 462.50 418.63 203.76 136.17 15.00	45.80
The California Tech Income outside ASCIT—Advertising, allotments, gifts	4,626.44	3,446.7
The Big T Income from 1946 Big T '47 Big T income outside ASCIT—Ads, etc. Dues allotted to '47 Big T Cost of 1947 Big T		395.3 2,058.83 3,099.00
Cost of 1947 Big T Publicity "The camera deal"—The money from the gift of the Class of '24 was uncovered and split into \$5128.80 & \$150. The \$150 went directly to the California Tech for the purchase of new office equipment, on the basis that it would be matched by a portion of the bookstore profits: \$150 from CIT. With the balance of the gift.	5,567.57	
portion of the bookstore profits: \$150 from CIT. With the balance of the gift		128.8
We bought a complete camera & insurance for it. ASCIT photo service (using the camera) Publicity Committee—Athletics, Dances, Honor System		14.0
Activities		
Debate—trips to schools, etc. Glee Club Band	24.29	10.3
Greek Play Busses to take students to football games. Pajamarino Mudeo Rally Committee—Assemblies, rallies, etc. Election expense President's expense	20.00	10.3
Office expense—Phone, stationery, stamps, etc.	342.72	
Money in checking account Money in savings account Bonds Petty Cash Accounts receivable	222.00 76.70	
Accounts payable		\$ 3,333.9
	\$21,737.32	\$21,737.32
SURPLUS (6-30-47) \$2,064.11 Cheeking Account \$2,008.78 Savings Account 2,008.78 227.00 272.00		

difference is our surplus for '46-'47 total surplus becomes \$1,191.59.

R. C. (Dick) Alexander

\$ 6,289.51

\$ 5,718.49

Treasurer, ASCIT. Note: Most of the accounts payable were paid during the summer.

DU BRIDGE AWARD

Petty Cash Accounts Receivable

Total liabilities

Last year's surplus
Fund to replace Caps and Gowns.
Accounts Payable

(Continued from Page 1) tional defense," Dr. Joseph W. science. It was organized in 1912 Barker, Research Corporation president stated.

Twenty-eight Volumes

Chosen in 1940 to head the Radiation Laboratory at the Mas- electrical precipitation. Other sachusetts Institute of Technol- public spirited inventors have asogy, Dr. DuBridge served as its director until January, 1946. the Corporation which increase Twenty-eight volumes reporting its net earnings. In one of these, work done at the Radiation Laboratory under Dr. DuBridge's direction are now being published and are being heralded as the "bible" for all those working in that field.

The dinner honoring Dr. Du-Bridge is being held jointly by the Research Corporation and the California Institute of Technology Board of Trustees and will be attended by members of the California Institute Associates and other friends of the Institute and the Research Corporation. Dr. Barker will come to Los Angeles to make the presentation

In his acceptance address on "The Story of Radar" Dr. Du-Bridge will give an account of his experiences at the Radiation Laboratory during the war.

Assigned Patent Income The Research Corporation dis-

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tributes its earnings through grants for the advancement of through the foresight of Dr. Frederick Gardner Cottrell, who assigned to the Corporation valuable patent rights in the field of signed valuable patent rights to Vitamin B1 synthesis, Dr. Edwin R. Buchman, now of the staff of California Institute of Technology, was a co-discoverer and donor with Dr. R. R. Williams and R. E. Waterman: A large part of the net earnings of this patent supports research in the combat of dietary deficiency diseases.

Three professors of the California Institute, Dr. D. M. Yost and Dr. E. R. Buchman, chemistry, and Dr. G. D. McCann, electrical engineering, are currently doing owrk under grants from Research Corporation.

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Here's the picture of where it went from July 1, '46, to June 30, '47. Resumes Activities

The first meeting of the Caltech Musicale was held last Friday in Dabney Lounge for the for the coming school year and electing new officers.

Sunday Concerts

The Caltech musicale membership consists of a group of students interested in good music, both classical and modern. A superb collection of recordings is available for the use and enjoyment of members in the lounge of Dabney Hall. Concerts are given every Sunday night between 7:30 and 9:30 and both students and the outside public are cordially invited to spend two pleasant hours listening to their favorite selections.

Noon Concerts

This year concerts are also to be given every noon hour from Monday to Friday. Musical selections during these concerts will include the more popular classical compositions, and Tuesday noons will be devoted to the presentation of American jazz and folk music. Sunday evening programs will be posted on all campus bulletin boards, while noon programs will be found posted in Dabney Hall.

Membership Encouraged

Freshmen or upper classmen interested in joining the Musibrarian and have them signed by Dean Thomas and one of the officers of the Musicale. Dean Thomas' office is in Throop Hall, contacted in Dabney Lounge any noon hour.

The newly elected officers for this year are Zablow, president; Susskind, vice-president; Feferman, program chairman; Valle-Riestra, record chairman, and joint? I am appalled. Forrester, business manager.

The Front Burner

The Pasadena Playhouse fall

series, "Fall Foursome," got under way enjoyably last week with the presentation of a pleaspurpose of outlining activities ant little two-act play called 'Bees and Flowers.'

This week brings Maxwell Anderson's famous play "Joan of Lorraine" to the Pasadena stage, with Dorothy Adams in the role so eminently portrayed by Ingrid Bergman in New York.

Script Surprises

"Bees and Flowers" demonstrated what can be done in the realm of light comedy by the combination of expert writing and competent acting. Casting and characterization were excellent, but it was the excellence of the script that made the play an enjoyable evening.

Traces Development

The Anderson drama emerges from the raw simplicity of a stage rehearsal into a full development of Joan's choice between compromise and honesty. The foment of France, the clash of arms, the hopeless mesh of intrigue—these factors the Maid of Lorraine must face in her hours

of battle. Thomas Henry, King Donovan, Alex Gerry, and Ralph Lewis provide support.

THE SQUARES' CIRCLE

(Continued from Page 2) cational institutions as "cheercale should obtain membership ing." Be it known to all that gineers, and operated by a Tech cards from the Dabney Hall li- "cheering" or any acts similar to staff of 500. Although the land this have never been known or tolerated at this school.

Furthermore, a few persons other than those actually rewhile Musicale officers may be quired by the rules and regulations of the Institute have been mittees.

What is happening to this

Etaoin Shrdlu.

Your Campus

-by John Whittlesey

(The first in a series of articles attempting to give Techmen a closer insight into the varied laboratory and experimental activities going on at the Institute—Ed.)

The personnel of the Institute. exclusive of students, today numbers 1750. This figure grew from 300 or 400 during the thirties, to a war maximum of 4000. The annual expenditures of the Institute amount to 61/2 million dolthan the wartime peak of 36 million a year, is still large compared to the prewar two million.

still off campus. Of the seventeen buildings we had in Pasadena during the war, we now use but one, however we still operate the Arroyo Seco Project (J.P.L.) The desert or Inyokern program has been entirely turned back to the government. This is because, unlike the Jet Propulsion Lab which we are now turning increasingly toward pure fundamental research, the desert work dealt only with practical military applications.

The over-all Tech program covers a wide diversity of projects. These are approximately 200 special research funds ranging in size from \$1000 to \$300,000 and in addition about 40 research contracts.

Jet Propulsion Lab is financed to \$3 million annually by the Army Air Forces, Army Ordnance, O.N.R. and the U.S. Enand buildings are government owned, there are no Federal employees on the project.

Wind Tunnels. The Co-operative Wind Tunnel located at 35 S. Raymond receives for the major attending assemblies, going out aircraft manufacturers, but is run for "sports" and even working entirely by Caltech employees. on school publications and com- Two other tunnels are under construction: The big supersonic one at J.P.L. and the new GAL-CIT hypersonic tunnel on cam-(Army Ordnance funds.)

Azusa-Guam. Under Navy contract, a complete scale model of Guam harbor, housed in a half acre building, is being studied hydrodynamically. The site is 19 miles from campus.

National Infantile Paralysis Fund. This is an example of a project carried on in more than one of the seven divisions at Tech; it is divided between the Cham. and Biology Divisions.

Nuclear Physics and Cosmic lars, which, although smaller Rays. (\$200,000 and \$77,000 programs respectively) as well as other important programs are supported by O.N.R., an office Much of the Institute's work is created by the Navy just after the war's end to sponsor fundamental research.

The Rockefeller Immunology Fund supports one of the oldest completely the 100 buildings at projects on campus. Related research, in Chemistry, is also being carried forward under governmental grants.

The Analog Computer built by the Institute at a cost of \$65,000, nas just begun use.

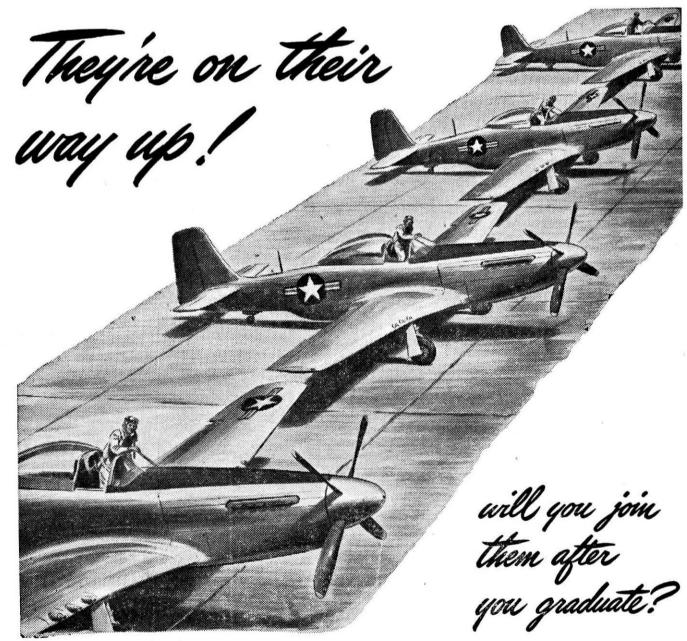
The Hydrodynamics Lab financed by Navy Ordnance, is at present completing construction of a high-speed water tunnel.

Last but not least, the 200-inch Telescope. Details of its completion now, 11 years after it was begun, are well known, and an excellent description of its mounting is available in the book store. When finally in use it will considerably increase Tech's astrophysics activities.

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You probably know a number of men in your class who were pilots in the wartime Air Force. They are the best advertisements for the Aviation Cadet program. Talk with them about it.

Chances are, they'll tell you their service as pilots was one of the most interesting and exciting phases of their lives. Fast action, comradeship, and the chance to serve their country paid them dividends they don't forget . . . added something to their stature and poise that they couldn't have gotten anywhere else.

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Pilot training is open, now, to single men, 20 to 261/2 years old, who have completed at least onehalf the credits for a degree from an accredited college or university - or pass an equivalent examination. Cadets completing the course will be commissioned Second Lieutenants, ORC, and assigned to active duty as pilots with the Air Force. During their tours of duty they will be given a chance to qualify for Regular Air Force Commissions. This is your opportunity! Look into it today at your nearest U.S. Army and Air Force Recruiting Station.

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Pep Rally Primes Pre-Game Rooters

A pre-game pep-rally at last Friday's assembly put the polish on Caltech's cheering section. A rousing program, led by the Roehm Roustabouts, got everyone in the right spirits. Of course, five beautiful songleaders and our supreme band helped, too.

Between practice yells several vainly to explain them to the Model-T that spewed beer bottles all over the field.

In a more serious vein, Coach Anderson expressed his wish that the spirit of both the team and its rooters would be at a peak that night. It is well to notice that we did hold Whittier

Faculty Women's Club Announces New Officers

The Faculty Women's Club of the California Institute of Technology held its first fall meeting on Oct. 1 at the Athenaeum. Dr. L. A. DuBridge spoke to the group on "Caltech Today."

Announced as officers of the club for the coming year are Mrs. A. Perry Banta, president; Mrs. C. G. Niemann, vice-president; Mrs. Chester Stock, recording secretary; Mrs. Bruce Sage, corresponding secretary, and Mrs. Richard H. Jahns, treasurer. Mrs. F. C. Lindvall has been named hospitality chairman, Mrs. G. W. Beadle, program chairman; Mrs. Ernest E. Sechler, membership chairman, and Mrs. V. A. Vanoni, organization chairman.

En Garde

Caltech fencers will hold their second meeting of the season Wednesday night.

Those interested are welcome to come down to Room 15 Dabney Hall at 7:30 to see some fighting. The club can take on a few new members and would chanics. like to do so immediately in order that a team may be formed to participate in outside competition this winter.

Mel Hickey, Room 4, Dabney, has full particulars if you want to hear more.

Touche!

CAMPUS PARKING

(Continued from Page 1) rules and avoid further notice and subsequent fines."

If this notice fails to get response, further notices may appear. These subsequent notifications include fines.

If you are assigned to one of the on-campus spaces and find an alien car in it, notify Capt. Chas. M. Sayers at the Guard House. He will dispatch an officer to your space to issue a warning or fine or remove the car at once, if possible.

Space Applicants

The demand for campus parking spaces has been many times the supply. Consequently, the only members of the student body whose applications have been accepted at this time are seniors living in the student houses.

If you are a student and applied for a place and do not qualify under this regulation, you will not be able to obtain a place at this time. As spaces become available, notice will be given.

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New Appointments Increase Faculty

The • California Institute of Technology will have the largest open officially this week-end peacetime faculty in its history this year, Dr. Lee A. DuBridge, president, said recently, when party. he announced 75 new appointments for 1947-48.

"Among our new professors will be such outstanding men in their fields as Dr. H. P. speakers enlightened Techmen Robertson, Theoretical Physics, on how the cheering section was who comes here from Princeton; to contribute the most to the Dr. J. G. Kirkwood, Theorteical game. Jack Scantlin gave the de- Chemistry, from Cornell Univertails on the card stunts and tried sity; Dr. Max Delbruck, Biology, from Vanderbilt University; Dr. freshmen. Bud Mittenthal then Hunter Mead, Philosophy, from outlined the half-time activities San Diego State College, and Dr. and stunts, mainly concerning a R. P. Sharp, Geology, from the University of Minnesota, as well many others who will greatly strengthen our teaching and research staffs," he said.

New appointments are as fol-

Professors: Max Delbruck, Biology; John G. Kirkwood, Arthur Amos Noyes, Professor of Chemistry; Hunter Mead, Philosophy and Psychology; H. P. Robertson, Mathematical Physics; Robert P. Sharp, Geomorphology.

Visiting Professors: . . . A. Erdelyi, Mathematics; Lloyd A. Jeffress, Psycho-biology; M. G. Mes, Biology.

Research Associates: and Astrophysics; Charles E. Laties, Benjamin Elazani Volca Tuesday, Oct. 7, and returned Bradley, Biology; Donnel Foster ni, Carroll Wagner, Herschel L. Hewett, Geology; Albert E. Long- Roman, Mildred Swann, Marko Hotel New Yorker during the ley, Biology; Simon Ramo, Electrical Engineering.

fuss, Industrial Design; James R. Cann, Gene B. Carpenter, Alexander Noble, Metalliferous Clara Louise Deasy, Jerry Dono-Geology; Hampton Smith, Petro- hue, Paul A. Giguere, David R. leum Geology.

Associate Professors: Pol Duwez, Mechanical Engilsky, Kenneth N. Trueblood, Seyneering; Paul Conant Eaton, mour Singer, Borge Wille. Geol-English; Norman H. Horowitz, ogy—S. K. Chakrabarty, Antonio Biology; Ray D. Owen, Biology; Due Rojo. Astrophysics—Guy C. Rodman W. Paul, History.

Assistant Professors: William J. Bobisch, Civil Engineering; Paco Lagerstrom, Aero- govich, Electrical Engineering; nautical Engineering; Beach Melvin Brockie, Economics; John Langston, English; Henry F. Mc- Scott Campbell, Engineering Creery, History; W. Duncan Drafting; J. Kent Clark, English; Rannie, Mechanical Engineering; James H. Drake, Electrical Engi-Charles H. Wilts, Applied Me-neering; E. T. Preisler, Physical

Theodore Thomas Puch, Biology; tory.

On California Near Lake Avenue

Blacker Schedules Three Parties

Blacker's social season will with plans calling for an exchange, a stag, and a theater

Following close on the heels of the entertainment green light at the end of the freshman rotation, will be an exchange dinner with Dorsey Hall at Scripps on Thursday evening. These affairs have proved very popular in the past, and furnish an admirable opportunity for furtherance of the good-neighbor policy with our sister college.

The annual "get-acquainted" stag will occur Friday evening under the sponsorship of the sophomore members of the house. The usual refreshments and entertainment are promised and an evening of hilarious good cheer appears in order.

In a more dignified vein is the theatre party scheduled for Saturday evening. Featured attraction at the Pasadena Playhouse is "Joan of Lorraine." Dancing in the lounge will follow.

Bernard B. Watson, Physics; J. A. Whieldon, Physiology.

Research Fellows: Biology Barbarin Arrequin, David R. Brown, Charles R. Burnham, E. E. Dale, Ellsworth C. Dough-Zalokar. Physics—Raymond V. Adams, Robert B. Leighton, Jo-Lecturers: Henry Drey- seph E. Perry. Chemistry—John Howton, Hartman Koechlin, Eduard C. Kooyman, Abram Stavit-Omer, Jr., Albert G. Wilson. Mathematics—Samuel Karlin.

Instructors: . . . Nicholas Be-Education; Theodore B. Smith, Senior Research Fellows: . . . Meteorology; Alfred Stern, Lan-Arthur W. Galston, Biology; guagues; George Tanham, His-

Talkin' It Over with The Goon

Well, men, here it is Tuesday night; the last Frosh has been told what a great guy he is, and now whips and Dyanshine bottles appear from every hiding place.

If the lads who have been snowing Dean Strong's boys can do as well with their wahinees there must be a lot of lipstick being wiped off numerous shirts. Old Stan and I were doing our bit for the Big Red Team the other evening and being just as hypocritical as the next used car dealer. This is a brief recap of the happy trip:

The first fish we were after lived in the famous alley mentioned above. As we walked up the stairs, we accidentally set off a burglar alarm which roused Dumbo and Bowen who form the "I'll hit hi mhigh, you hit him low" team. Picking ourselves up from the floor we explained to these zealots that we were only visiting a frosh to find out how to work a problem. "Why, we're more than happy to have you talk to our frosh,'

Tau Beta Prexy To New York

Charles Murphy, Prexy of Tau Beta Phi, attended the National erty, Moises Kramer, Joseph Convention at New York City at Walter S . Adams, Astronomy Lein, Werner Karl Maas, George which he spoke. He left Tech Sunday, Oct. 12, staying at the interim.

Future plans discussed at the convention include building a \$300,000 national headquarters at Nashville, Tennessee.

CLASSIFIED .

FOR SALE—Corona portable typewriter, mechanically O.K. but needs cleaning. \$15. See Miss McGee in Athletic Office. Also 1 unused rebuilt 1935-37 Ford generator. \$7. See Bob Poindexter, 51 Dabney House or SY. 2-9769.

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smiled Ted, as he led us to the a pretty blond secretary. "Would room where the lad stayed. you men please put your names 'Don't worry about the chains on this list? There are only fouron his legs," Dumbo assured us. teen people ahead of you and it He can go wherever he will be about an hour before he oleases."

Our next call was in Blacker. paign that couldn't be beat. The condition to talk terms. doorman to the freshmen's room was a sophomore. The man doother than "Beer Bottle" Mitt.

knees and moved to Dabney.

frosh class we were greeted by them; we're ready to beat on 'em!

will be able to see you." It was closer to three hours later when Auerbach, Hickey and Fullerton Marshall and McLean had came back from the rounds of studied child psychology this the local night spots, dragging summer and had prepared a came the frosh behind. He was in no

There was only one place left -Fleming. As we walked into ing their homework was a Tau the court, we saw Stix selling Bate junior. And at the small road maps and room numbers to bar that was set up in this tre- the various boys living under his mendous corner double was none Iron Curtain. He gave us the nod and we moved in on the kid-We were quickly told that the dies. With Bass, Walquist and children we had our eyes on Long at our side we methodiwere quite contended with their cally made the rounds of the immediate surroundings, and rooms. We outlined the compulsince they were to keep them, sory athletic training program of they thought that they would re- the house and if they were not main. Stan and I got off our happy about it, Bass and the Torpedoes went to work.

Well, here it is Wednesday Outside of the door of a cer- night. The lists have been made tain prominent wheel in the out. Now we're thru kissing

a little

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Beaver · · Sports

Cross Country Team Prepares For Interhouse Meets

The press of ailing gridders around his little cell became too last Monday as a result he gathered his cross-country runners together and introduced them to their new coach, Bud Carroll. Bud is a CIT senior, former distance runner of renown, and his goal is to put Tech on top.

Nucleus of Experienced Men

Returning from previous years on the long, hard gravel path are Jim Densmore, Jack Marshall, Mike Sellen, Larry Nobles, Don Peterson and Carl Anderson. Along with a fine showing eligible for house competition. of new men, Coach Carroll hopes for a conference threat.

His brightest hopes at present Frosh Team Promising

made by the newcomers.

point, it appears that Bob Cobb and Walt Edwards will be the opens Nov. 7 with Compton J.C.

Corsages

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men to beat. A number of other men look mighty promising. Interhouse Begins Next Week

The teams will have the first chance to show what they can do in the three interhouse meets. The 11/2-mile will be held Oct. 21; the 2-mile on the 24th, and the 21/2-mile on Oct. 31. In line great for Coach Doc Hanes, and with the recruiting of interested parties, the races were shortened from the 2, 3, and 4-mile grinds of former years. It is hoped by this means that each house will enter at least three men in the races and thus be eligible for points.

Scratch Sheet

This dopester has been snooping around attempting to pick a favorite, but he came up with a blank. No torrid entries are on the list since lettermen are in-

Dabney has a strong entry are Densmore and Marshall. Blacker has a promising nucleus of Larry Nobles and Dick Felterest of the program, and an en- Fleming mutters mysteriously thusiastic turnout has been about dark horses. No groanings could be heard from the Throop From the pre-season stand-camp and they remain unknown.

The intercollegiate season

Flowers

SY. 3-7167



McLEAN ROLLS—Fullback Doug McLean carries the ball on an end around for a seven-yard gain against Whittier in the first quarter. The game ended in a 6-6 tie.

with Wayne Herzig, Herbie Simons and Dick Spellman, while Blacker has a promising nucleus Houses Open Ten Game The advent of a freshman team this year adds to the in- team is led by Peterson, while team is led by Peterson, while Intramural Baseball Season

Stiff Competition Expected In Fight To Displace Fleming

ATOMIC BOOKLETS Historical Data on the Atom. Educa-tional. 50 Cents. Address Remittance

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CALIFORNIA PHARMACY

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Interhouse baseball competition was resumed Monday in the first of a round-robin schedule among the four on-campus houses and Throop Club. Jim Nerrie, instructor in Physical Education, will supervise the two-and-a-half-week program.

All games will be played on the varsity diamond in Tournament Park, and will begin at 4:30 p.m., lasting until darkness.

Fleming Favored

Fleming has a strong chance of retaining the title, although Chuck Norman, mainstay pitcher of last year's team, will be missing from the group. Replacing him will be Don Furth, who Fleming men feel is as good as Norman. Probable starting nine is Dick Bennett, c; Clay Engler, 1b; Bill Cox, 2b; George Bowen, ss; Elroy Chinn, 3b; Bernie Shore, lf; Jay Montgomery, cf, and Felix Bochanski, rf.

fielders Bob Dalton, Rube Kachadoorian and Pim Thorpe, will most of the second period and be the key to the success of Rick- all played fine ball. etts' pennant drive. The "Rowdies" take pride in their second from Fleming near the end of

(Continued on Page 6)

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RELAXES GOLFERS

"The favored Engineers, the (Continued on Page 6) Fleming Regains Discobolus From

perior Beaver eleven.

Whittier newssheet:

Apparently all Coach Ander-

The following is from the local

Big Red Smothers Blacker Quintet 57-17

Blacker With Ease

Coasting to an easy win, the Fleming basketball aggregation rolled over an undermanned Blacker quintet, 57-17, last Wednesday on the P.C.C. floor. The win returned the Discobolus to the Fleming mantle.

The Big Red started the Caltech Varsity team of Furth, Montgobery, Saltman, Cox and Stokely. Against an inexperienced Blacker five Fleming rolled up a 25-10 lead at halftime. Bruington and Cox both turned in creditable performances for Blacker but, along with the rest of their teammates, found they could not cope with the powerful Fleming five.

Nice Shooting

Star of the Fleming squad was Jay Montgomery, who was hotter than the proverbial firecrack-Hitting power in the form of er, racking up 18 counters.

Fleming played its reserves

Blacker won the Discobolus last term in a badminton game.

Mark Sloppy Going vs. Poets

After the Poets had made another first down on the 17, Jarnagan carried the mail around end to the Beaver 4-yard line and plunged over for the score three plays later. The stout Tech line held like a rock for two downs, earthed "reliable" reports from but could not stop the third Poet try. The try for conversion was blocked by Warren Marshall.

Tech line play, which three times stopped threatened scores by the rival team, was tops. In the play almost every time were Schuster, Hibbard and Bass, who played heads-up ball all the way. More than once Hibbard, right end, crashed an interference of two or three men to make the tackle, and Right Guard Schuster made center plays rough for the opposition.

Tech Shows Power

The fourth period showed a definite Caltech superiority, after the first three stanzas had been played on a toss-up basis. As the quarter got underway, Wozniak returned a Whittier punt to the Tech 32-yard line from the 14. Runs by Funk and Wozniak advanced the leather to the Tech 43 and another first. Two more plays took it one yard into Poet ground, but the Whittier line held and pushed the Techmen

Forced to punt, Chaffee made a direct hit into coffin corner four yards from the goal. Tech took the return punt on the Poet 37, gaining 14 yards on the exchange.

Wozniak Tallies

McLean, fullback, took a reverse to the 26 for a first down, and Wozniak rolled up one more on the 16. On fourth down, Wozniak passed 12 yards to Milt Strauss for the first down on the four; McLean crashed over center to the one, and Wozniak went around right end from the 1-yard line to tally two plays later, with only four and a half minutes of playing time remaining. This time Norman's try for conversion was blocked.

Last-Minute Threat

Whittier threw a last-minute scare into the Tech cheering section when they recovered a Beaver miscue on the Tech 16 with only a minute and a half to play. A strong Tech line had forced Whittier to punt when this break put them in threatening position once more. Alert Bevo backs broke up three pass plays, however, and a field-goal try was kicked wide as the Tech line rushed in. Taking over on the 20, the Engineers ran out the remaining time on the ground, unwilling to gamble with a last-

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A special notice will be found

Frosh Settling In Their Future Homes This Week

Houses Preparing to Initiate Frosh; New Men to Spend Rough Two Weeks

After two weeks of rotation through the four student houses, Freshmen listed Tuesday night, in order of preference, the houses they hope to live in.

After trekking counterclockwise from house to house for three days of food, propaganda and entertainment (?) at each house, the freshmen were supposed to have learned from the upperclassmen the general characteristics of each house.

Pauling Awarded Oxford's Eastman **Professorship**

Professor Linus Pauling, California Institute of Technology Of course, as one House presi-Chemistry and Chemical Engi- dent, Paul Fullerton of Dabney, neering Division chairman, who said, "It was very hard to get has just returned from England to know everybody in just a few where he received honorary doc- days." But by means of the dintor of science degrees from Cam- ners, lunches and general bull bridge University and the Uni-sessions, Freshmen and upperversity of London, will go back class members got acquainted, to England next December as and the freshmen managed to Eastman Professor at Oxford remain fairly impartial even University, Dr. Lee A. DuBridge, through a series of sometimes Caltech president, announces.

awarded periodically to outstanding American scholars and scientists and has previously been in the houses of their choice (if held by such men as Supreme they are in luck) they will go Court Justice Felix Frankfurter through the little indoctrination and the late Simon Flexner, then courses known as initiation. director of the Rockefeller Institute for Medical Research.

Dr. Pauling will lecture in the field of chemistry at Oxford from January to June, covering the greatest Tech team in many second and third terms at that school, and will return to Caltech Poets . . . (tied) the underdog upon completion of his work in England, Dr. DuBridge said.

two honorary degrees on his recent visit to England, he was in- than we could figure out just ducted as an honorary member from watching the game. of the Chemical Society of London and gave an address at the International Congress of Pure display in lower Throop. and Applied Chemistry, of which he was president of the section on physical chemistry. He was also made an honorary member of the Royal Institution of Great Britain and of the London Athenaeum.

Dr. Pauling also visited Stockholm, Sweden, where he attended the International Congress of Experimental Cytology, and visited Swedish universities and research laboratories.

Dreyfuss To Give Lectures To I.D.

Industrial Design students will reap the benefits of the expenationally knows leader in that field this year when Henry Dreyfuss, who heads the New York industrial design firm bearing his name, enters the field of higher education as a visiting lecturer at the Institute.

Fly Swatters, Trains

Known for his original as well as revised design of a vast assortment of industrial products, ranging from fly swatters to the interior of huge aircraft transports and magazine covers to sleek, streamlined trains, his work at Caltech will be his first in the field of higher education.

The graduate Caltech School of Industrial Design is recognized as one of the most outstanding of its kind. Students are carefully selected and only those who have obtained a bachelor's degree in science, mechanical or architectural engineering are ac-

Professional Degree

After successfully completing two years of work designed to provide sound, down-to-earth training in the study of function and appearance of products consistent with current engineering practice, students are awarded a professional degree in Industrial Design. New as well as existing materials and manufacturing methods are utilized in study.

Dreyfuss is author of two books on Industrial Design. He received the Lord and Taylor Design Award for 1939 and 1943 received the American Designers' Institute Award for outstanding contributions to American design. During World War II he designed the elaborate strategy rooms used by the joint Chiefs of Staff in Washington, D.C.

The houses also drew up a list of the freshmen whom they would like to have as members. The four resident-associates then met Tuesday night, and, after a stormy session that might have taught the U.N. a few things about veto, got each frosh settled in a house.

slanderous innuendos and libel-The Eastman professorship is ous charges against the other houses.

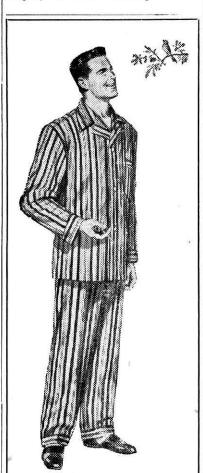
After the freshmen are settled

WHITTIER WAS

(Continued from Page 5)

Later on we are surprised to learn that "Hard . . . Whittier In addition to receiving the tackling . . . caused five Tech fumbles." That's a better excuse

> The article in question, containing other similar gems, is on



ALL SET FOR THE

PAJAMARINO

Don't tell us those old P.J.'s you've been wearing in the dorm can stand the bright lights of Colorado Boulevard! Better dash down to Nash's and get Textron's striped broadcloth. Neat enough to make you look like a man of distinction, they're Sanforized to keep their ample fullness as long as they last.

Men's Shop Street Floor

HOUSES OPEN

(Continued from Page 5)

Geologists, Engineers Sought are Howard Lewis, ss; Carl Fox, tain and catcher. cf; TomFay, 1b, and Harvey Rob-The Placement Office has reinson, rf.

ceived information concerning Throop Club boasts a smooth opportunities of employment in infield combination plus Louis Venezuela, Arabia, Colombia, Stallkamp, whose pitching arm Peru and the Far East, from the will determine whether the off-Overseas Personnel Office of the campus men grab the champion-Standard Oil Company, New Jership from Fleming. Team mem-

on the bulletin board of the Placement Office immediately. It Placement Office in Throop Hall. is probable that some time in the Any seniors or graduate stu- future a representative of the dents in Civil Engineering, Elec- Overseas Personnel Office will trical Engineering, Mechanical visit the Institute for the purpose Engineering, Chemical Engineer- of interviewing any students ing and Geology, who may be in- who are interested in these opterested, should contact the portunities.

and third-base combination of Roland Johnson, rf; Bob Benton, Bruce Worcester and Bob Win-cf; Tom Moore, lf; Ray Maurus, chester. Other first-string men 3b, and Bill Gothard, team cap-

> Blacker and Dabney team captains John McGrane and Bruce Hedrick bemoan their respective team's lack of experience, and cannot judge their team's strength on the basis of the short practice. Blacker's nine will probably be: Ralph Lovberg, c; Warren Krum, 1b; Dick Pollack, ss; Art Bruington, 2b; H. Kamei, 3b, and Larry Nobles or Mc-Grane, pitcher. The outfield consists of Frank Evans, Byron Youtz and Bill Karzas.

Dabney's hopefuls are Malcolm Hickey, c; Phil Lamson, 6; Bob Brayford, 1b; Bill Jarmie, Throop.

bers likely to play regularly are 2b; Dick King, ss; Sage Burrows, Duane Neverman, 2b; Jack 3b; Joe Burkholder, lf; Dave White, 1b; Hayden Sanders, ss; MacKenzie, cf, and Bill Pyle, rf. Schedule:

Oct. 13, Monday - Dabney vs. Throop.

Oct. 14, Tuesday-Blacker vs. Fleming.

Oct. 15, Wednesday-Ricketts vs. Dabney.

Oct. 16, Thursday—Throop vs. Fleming.

Oct. 20, Monday — Blacker vs. Ricketts. Oct. 21. Tuesday—Fleming vs.

Dabney. Oct. 22, Wednesday — Throop vs. Blacker. Oct. 23, Thursday—Fleming vs.

Ricketts. Oct. 27, Monday - Dabney vs.

Blacker. Oct. 28, Tuesday—Ricketts vs.

