

The California Tech

California Institute of Technology

Volume LX.

Pasadena, California, Thursday, April 9, 1959

Number 23

Rep-At-Large Out For Blood

Members of the Caltech community will again participate in the Annual Spring Red Cross Blood Drive to be held Wednesday, April 22, from 1:00 to 5:30 p.m. in Dabney Lounge, according to Chairman Bob Koh.

The blood collected will go to credit the Caltech Group Account with the Red Cross. A few pints will be collected for use in Kerchoff biology labs.

Under the Red Cross group account plan, the entire blood supply can be put at the disposal of one member donor, or his immediate family. There is no charge for the blood, only for hospital services rendered.

Anyone meeting the few physical requirements is eligible to donate — faculty, undergraduates, grad students and all Caltech personnel. Last year 115 pints were collected. Koh hopes that more will be donated this year.

Faculty, grad students, and employees may make appointments.

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Prom Fetes Buddy DeFranco At Annandale Country Club

The Buddy DeFranco Quintet and the Arcadia Blue Notes will furnish the music for the Junior-Senior Prom and the Frosh-Soph Dance, set for Saturday, April 18.

The Prom will be held at the Annandale Golf Club in Pasadena and will be semi-formal. Keith Brown, Neil Sheeley, Lou Toth and John Walsh have free bids and discounts on flowers are available at Ralph's Flower Mart. Refreshments will be served.

Alumni Plan Campus Meet

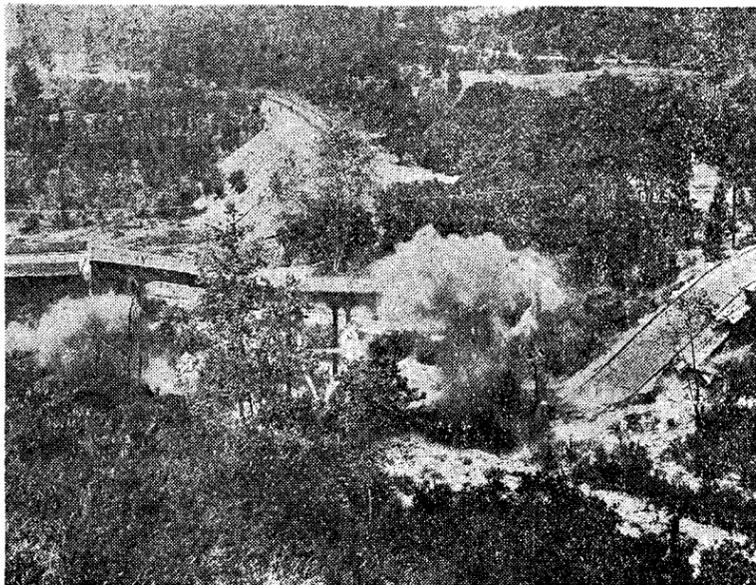
Over 700 Caltech Alumni, their wives and guests will gather on the Caltech campus for the 22nd Caltech Alumni Day, Saturday, April 11.

The visitors will be treated to a variety of programs, ranging from a guided tour of JPL to an evening keynote address by Maj. Gen. John B. Medaris on the "Exploration of Space."

The morning portion of the program will feature some 13 hour-long lectures by distinguished Caltech faculty members. Among the speakers will be Dr. Linus Pauling, discussing the effects of Nuclear fall-out.

Other featured lecturers include Dr. Harrison Brown and Dr. Allen Sweezy. Brown will discuss the possibility of an explanation to the solar system derived from spaceflight and Sweezy will talk on the economic considerations involved in world leadership.

The day will be topped off by dinner at the Pasadena Elk's Club and Gen. Medaris' keynote address.



PRACTICAL DEMONSTRATION OF MILITARY SCIENCE

CITY BRIDGE DESTROYED BY MILITARY; R. S. THOMAS RESPONSIBLE FOR SUCCESS

The Linda Vista Bridge, as a result of charges at the central piers, is now a cracked and twisted bunch of concrete and steel at the bottom of the Arroyo.

Two weeks ago, the cutting

of the west end of the bridge and the preparation for the felling of the east abutment was abruptly stopped by the Assistant City Manager of Pasadena, who appeared in the middle of the bridge just before the setting off of the biggest charge of the morning. It seemed that Pasadena was having too many broken windows as a result of military demolition. It was here that Tracy Artherton shouted himself into the Hall of Fame by yelling, "Hey, captain, some big bozo here says we can't blow the bridge."

The difficulties have since been adjusted and the job has been completed.

The responsibility for the task has rested with the Military Department of the Institute and the schedule for third term has been so arranged that the students have had ample time to apply themselves to this special project. Cadet Lieutenant R. S. Thomas, in charge of the project, has chosen the demolition as the subject of his thesis.

Thomas and his six-squad Engineer Platoon used 500 caps and 3800 pounds of TNT on the project.

(Reprinted from May 14 and May 29, 1924, issue of the California Tech.)

Announcements

FUTURE LOVERS

The Forestry Department is planting trees on the West and North forks of the San Gabriel River and has asked for help from the student body. This project will run until May 31. All interested people should get registration forms from Hugh Kieffer, Blacker.

MONEY MAKERS

The California Tech will pay 25 cents apiece for the first six copies of the November 13 and 24 issues turned into Editor Cleve Moler, Ricketts.

CLUB BUDGETS

Clubs and organizations receiving money from ASCIT should put their budgets in the M box in Ricketts by 6 p.m. Monday, April 13.

Techmen Vie For ASCIT Offices

Six Techmen have filed applications for ExComm to head the list of students vying for ASCIT appointive offices. Bill Bauer, Jim Geddis, Ed Gehle, Bob Koh, Art Rubin and Tom Tisch had herded in ExComm applications by last Monday night.

Monday, April 13, is the deadline for applications for ExComm, Little t editor(s), head of ASCIT Photo, chairman of the election committee and New Student Camp counselors. April 20 is the deadline for the Educational Policies Committee members and editor and business manager of the Big T.

Anyone interested in ASCIT offices should place letters of application in the H box in Blacker as soon as possible. The applications need only be a statement of interest in the position. Applicants will be interviewed

Three Vacancies Open For RA's

Only one application has been received so far for vacant Resident Associate positions in Blacker, Fleming and Throop Clubs, according to Mr. Robert Huttenback, Master of Student Houses.

Huttenback describes the job of Resident Associate as "good and challenging."

"In the past it has been regarded as a privilege to hold the position of Resident Associate," he said.

For his yearly efforts, the RAs get a suite of rooms and board free and \$200 per year.

Interested graduate students and faculty members ranking lower than assistant professor should apply to Huttenback in Blacker House basement.

JPL Film Slated

"Time and Space," the latest JPL film, will be shown today at 11:30 and 1:00 and tomorrow at 10 and 1 in 155 Arms. The movies about the recent Pioneer IV rocket shot past the moon.

by committees composed of BOD members and present office holders. The BOD will appoint the new officers upon the committees' recommendation.

The Board of Control will also accept applications within the next few days to fill the vacancy created by the loss of one of the junior representatives.

Play Nears Final Casting

With final castings to be made soon, rehearsals of the Caltech Drama Club's production of John Patrick's *The Hasty Heart* will begin shortly.

Directed by George Stevens and Mike Talcott, the production is scheduled for Friday, Saturday and Sunday evenings, May 22, 23 and 24.

Culbertson will again be the site of the annual play, which will be in "theatre-in-the-round" style for the second consecutive year.

The Hasty Heart is a humorous comedy which takes place in the convalescent ward of a British hospital, located somewhere in the South Pacific during World War II.

In the ward are six patients — with a nurse. The patients include one American, a New Zealander, an Australian, an African, a Scotchman and a Cockney.

The central character in the play is the Scotchman. He has been sent to the ward so that he might have some companionship during the few days he has left to live.

The other convalescing patients are out-going types and try to be friendly to the Scotchman, but, he is unfriendly and rejects the offers of friendship.

The nurse, of course, falls in love with featured patient, and a love story is woven into the play.

Ultimately, the Scotchman realizes he has had the wrong attitude and the conflict is rec-

(Continued on page 6)

'Cat' Comes To Culbertson

INA Sponsors Williams' Play

An outstanding Hollywood production of Tennessee Williams' "Cat on a Hot Tin Roof" will be presented Sunday night, April 19, in Culbertson.

The presentation is sponsored by the Inter-Nations Association — a group of graduate and foreign students on campus.

The same cast will appear in Culbertson that is presently appearing at the Circle Theater. They will complete their Hollywood run on April 18th.

Kathie Browne, Bill Mims, Art Alisi, Dawna Shove, Sonia Tor-



Kathie Browne as Maggie

geson and James Stephens will head the cast. Alex Nicol is the director. The members of the cast all have numerous local, Broadway and television appearances to their credit.

The production will be in the round and will begin at 8:30 p.m.

Tickets, which will go on sale tomorrow, will be available from Ingrid Gumpel in the News Bureau, Esther Gilbert in 201 Engineering, and the Resident Associates in the houses. The price is \$1.50.

A theater-in-the-round production in Culbertson leaves room for about 250 seats.

LITTLE MAN ON CAMPUS by Dick Bibler



Secretary's Report

Last week the California Tech carried a summary of a report by a committee of students and faculty members, containing suggestions for the operation of a New Student Camp. This report was accepted enthusiastically by the Board of Directors, the Dean of Freshmen, and nearly everyone else concerned.

The next New Student Camp, outlined in the report, is one which stresses joint planning by student and faculty members, joint acceptance of responsibility, and the necessity of responsible leadership on the part of each counselor.

As planned, the camp is perhaps a more valuable experience for the upper classman than the frosh: it offers a unique opportunity to express leadership, develop new friendships, and, of

course, just to relax and have a good time.

Last year a total of 50 students applied as counselors; since members of the BOD and house presidents went automatically, there were only about 15 positions to be filled. This year no one is given preference, so there are about 30 places to be filled by students at large. By Monday night, one week before the final application date, only 15 applications had been submitted.

Everyone who applies will be interviewed by a committee of senior counselors from last year's camp. It's a simple matter to apply — just scratch your name, where you can be located for an interview, and the office on a scrap of paper and drop it off at Bill Hillehey's box in Blacker. No formal letter of application necessary.

Much time and effort has been expended to make this a highly successful camp for all concerned. I hope that more students will take advantage of this opportunity and apply before Monday evening.

William R. Bayer

Tomist Books Given To Tech

The Caltech Newman Club presented Tech with the *Summa Theologia* at a ceremony Tuesday in President L. A. DuBridge's office. The set of volumes cost the club approximately \$50.

The *Summa Theologia*, by St. Thomas Aquinas, was one of the first attempts to put religion on philosophical basis. It was written as an intellectual proof of the doctrines of the Catholic Church.

Exhibit Brightens Humanities Lounge

"One Man's Fancy," an exhibit of mobiles, stabiles and paintings by William Brace, will be on exhibition in Dabney Lounge until this Saturday.

Brace is on the staff of the Pasadena Art Museum as a consultant, and has taught free hand drawing at the University of Southern California. He has exhibited widely on the Pacific Coast and has done work in the television industry.

Y Series Offers French Satire

This Sunday, April 12, at 7:30 p.m. in Culbertson, the YMCA will present the French comedy, "A Nous, La Liberte." The film is the first offering in the Y's third term film series. Admission will be 50 cents.

Directed by Rene Clair, "A Nous" is a satire on the effects of mechanization of industry on society and is the direct source of many of the funniest sequences in Charlie Chaplin's "Modern Times."

The remainder of the series consists of the Marx Brothers' "A Night at the Opera," on May 3; the French version of "Crime and Punishment," May 17, and an evening of experimental and documentary films on May 24.

Development Drive To Open In Pasadena

Coupling its bid for funds with a local public relations program, the Caltech Development Program opened its Pasadena Area campaign last week.

In co-operation with Caltech, the Pasadena Board of Directors proclaimed April "Caltech Month" in Pasadena and the Chamber of Commerce sponsored a Chuck Wagon Breakfast.

No financial goal has been set for the campaign, although a small group of Pasadena businessmen has been named to canvass local businesses for contributions.

The committee was organized three weeks ago, and is headed by William Wilson, Jr., and J. Stanley Johnson.

In keeping with the public relations aspects of the campaign, local newspapers will publish weekly stories about Caltech and the research going on here, and a letter from President L. A. DuBridge outlining Caltech's relation to Pasadena will be circulated.

An exhibition of photographs taken at Mt. Palomar will be shown in late April in the Pasadena Art Museum. Caltech students may present some facets of campus life in early May.

Wax To Head Totem Staff

Bob Wax was named editor of *Totem* for 1959-60 last week in a vote of staff members. He succeeds the team of Tom Morton, Ken Scholz and Gene Robkin in the post.

The next edition of *Totem* is slated for distribution during finals week. Deadline for submission of material is May 1.

Editorial

Something To Think About

The first words of the catalog are:

"The primary purpose of the undergraduate school . . . is to provide a collegiate education which will best train the creative type of scientist or engineer so urgently needed . . ."

The possibility that the Institute is not doing all that is within its power toward meeting this objective has been brought to our attention.

The undergraduate student body at Caltech possesses as great a capacity for scientific achievement and creativity as any other group of its kind. But the students are NOT taking full advantage of their capabilities.

Every night in the student houses one can easily find men involved in serious discussion, both with themselves and with others, of their attitudes, motivations and goals. Even more easily, one can find men who are avoiding this introspection, who are avoiding their problems.

This is, of course, a common and normal situation. The difficulty, however, is this: few, if any, of these men are capable of adequately dealing with these problems themselves, without some sort of counseling.

Dr. Abraham Maslow, during his visit last term, said that less than five per cent of the nation's population can be considered completely mentally healthy. The creative scientist or engineer is in this five per cent.

The value of modern psychiatry has been well established. The only question that remains is to decide exactly how much the Institute should do toward offering this kind of service to the student body. What are other schools doing? Is it successful? Should Caltech go even further?

With the interest on an endowment of, say, a million dollars the Institute could provide three full-time psychiatrists. The money would be well spent. Students who, with trained, professional help, could eliminate some of their conscious and subconscious problems would begin to contribute more fully toward their careers at Caltech and the fulfillment of their capabilities.

The Faculty Educational Policies Committee will discuss this problem at their next meeting. We hope the investigation will not end there.



More red-blooded skiers chase after Camels than any other cigarette today. The Camel blend of costly tobaccos has never been equalled for rich flavor and easygoing mildness. The best tobacco makes the best smoke.

Leave fads and fancy stuff to beginners . . .

Have a real cigarette - have a **CAMEL**



R. J. Reynolds Tobacco Co., Winston-Salem, N. C.

The California Tech

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Caltech Authority Drags Theories Of "Village Voice" Jazz Critic

By William Frank Benisek

Along with the recent influx of modern jazz into more universal entertainment media such as television with its ill-fated Timex jazz extravaganzas and the more successful Peter Gunn spot have come a number of "agonizing reappraisals" of the artistic merits of modern jazz and of the group of jazz aficionados, known to many as hipsters. In particular my eye was caught by an intriguing opinion in the April 1 issue of the *Village Voice* by a Mr. John Hastings, concerning the aforementioned points of debate.

In his article Mr. Hastings observes with a certain degree of credulity that first, the artistic universality of modern jazz and second, the pseudo-religious approach the addicts of the sound take to jazz.

Concerning his first point Mr. Hastings states, "The most glaring anemia of the jazz idiom is its impatience even to suggest that ideational-emotional element that is perhaps the least dispensable glory of classical music: the quality of spiritual exaltation. The very incapacity of jazz to encompass any spiritual attitude whatsoever may indeed be its real appeal to a generation that, at most, denies the existence of spiritual realities and, at best, regards them as the substanceless playthings of Squareville. Closely related to this is the total absence of the heroic — and with this philosophic vitamin deficiency goes as an integral part, a total disbelief in human stature."

In bringing this out, Mr. Hastings has glanced upon a gripe which this writer has nurtured for a considerable length of time dealing with the ability of jazz to convey to the attentive listener the huge plethora of human emotions and idealistic states of mind.

Axiomatic Emotions

the many which permeate jazz today.

But with respect to Mr. Hastings' doubt of the content of art in jazz, this writer begs to differ. One cannot take the whole field of jazz or any other of the "artistic" endeavors as a collection and ask, "Is this art?" Instead, it is necessary to consider the individual composition, painting, sculpture, poem, or what have you, and examine it alone, isolated from the rest and put to it that question. Using this as a starting point it is not at all necessary to demand that the entire spectre of human emotions be experienced in one work. There are multitudes of jazz compositions and arrangements which have no artistic value whatsoever, but interspersed among these, one is hap-

py to come upon more than a handful of compositions which truly show the earmarks of emotional inspiration, even though it is emotion limited in scope.

It appears somewhat futile to judge the artistic merit of an entire musical medium and the generalistic derived from such judgments certainly have questionable application in the consideration of individual works, which is really the only valid application. Jazz should be taken for what it is and what it offers — no more, and there need be no more. To many jazz lovers the mere juxtaposition of the notes in a jazz format is enough to justify deep appreciation. Unfortunately this leads into a discussion of the necessity of emotional content at all in an art form. But that can wait a while.



By Accident

Did you ever get embarrassed at a party-type function where everybody was having a wonderful time drowning their troubles in alcohol, just because you didn't drink?

Did you ever choke on your words when forced to order at a function with your blue-nosed parents?

It's a horrible problem to be faced with, any time, and to prepare for the situation, we suggest memorizing several handy formulas and names of harmless sounding, yet highly suggestive beverages which will not fail to impress both date and parent alike. Try these for a start:

Roy Rogers

3/4 glass gingerale (your favorite brand)

1 jigger concentrated cherry juice

Mix. Serve with candy-cane straws.

For your date, snow her with this:

Dale Evans

3/4 glass gingerale (her favorite brand)

1 jigger cherry juice concentrate

Mix. Serve with candy-cane straws.

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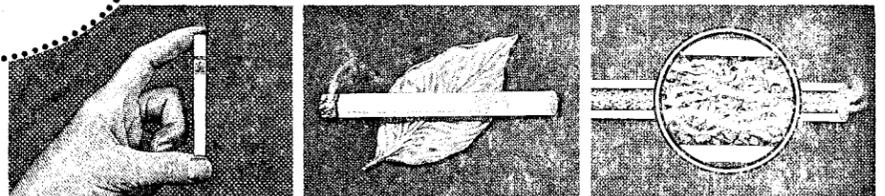
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- 3 Travels it over, under, around and through Pall Mall's fine tobaccos!

Dance Class The End

By Griffin

Well, man, I wandered by this Culbertson Hall, and I heard this mambo music. It drove me in, man; I had to see; I had to know why that sound existed. I swung into that big room, and in the center is this guy going one-two hold; one-two hold; one-two hold . . . but, man, mine eyes did not linger long . . . about five feet away from this cat going one-two hold was the endless, man, doing the same step and all, but the message was different. Man, like truth equals beauty, and it was all true; it swung; no more . . . music and mambo and one-two hold and primitive movements and truth and truth and truth.

But I didn't dig the scene, man. These cats and kittens all standing around and watching this display and their feet kind of shuffling in the same way. I didn't catch and I had to know. It was more than the music now; it was the shuffling feet and the wide stares and the whole complete scene that had to be mine—to see and understand. So I approached this guy and I said real confidential like: "What's the story behind this scene, man? Like I wanna know."

"Well, it seems that you have stumbled upon, quite by chance, of course, the weekly meeting of the Caltech Dancing Society, which is attended by anyone who wants to learn to dance under the instruction of professional teachers. The ones you see there in the center are from the Mark Boyd Studio, you see, and they are showing those chaps from Caltech and those young ladies from the nearby communities how to be proficient in the mambo, which, by the way, is only one of a number of dances which will be taught in the next 10 weeks."

I looked at this cat. He was medium height and wore horn-rimmed glasses and crew-cut and, man, he looked like the squarest square the cub scouts ever laid their hands on. But he swung, man. All those cats tried to swing; they tried to know. He knew, man. But I still didn't reach his tempo. "Like, cub scout, why the dearth of cats at this scene. Don't they swing around here? Don't they dig the current trends—like maybe that rare kitten is too much for their beady eyes?"

"I fully agree with you. It seems that social dancing plays a minor part here at the Insti-

tute. We really don't have time to learn to socialize a great deal due to our intense studies. That comes later on, when we get married and have children. Then we can learn to dance and mix and all those rather unintellectual and ungratifying things.'

"But, man, what about you and all those cats out there. This scene was something else. It was losing me. a

"Oh, well, you might say, I kind of stumbled into it, meaninglessly. Then, I just kept coming, and when this new instructor began teaching, I became fascinated and actually learned to dance and conduct myself rather well. All quite silly, really."

The mambo kept going, and I wanted to go with it. I left the bespectacled one counting sheekles and went over to the endless motion in the center. Oh, crazy, this group. Man, it was worth coming just to dance and live and get out of the drag of eternal non-conformity.



Ohmygosh

Aaaaagh! Yourhardworking-beak has returned once again to the thralls of iceplant, only to find the whole world utterly devoid of dirt to dig. However, by dint of great snooping and prying, Beak has come up with a bitter-sweet tale of fair maidens, chivalry, and like that, to wit:

While vacationing in sunny Mexico, Bigart Rube, the white knight of Fleming House, chanced upon a gaggle of young damsels snapping pictures of the scenery.

"Prithee, maids," quoth our hero, "might you not give the camera unto me, that I couldn't preserve thy beauty forever upon an image of precipitated silver?" The blushing beauties complied, and arranged themselves artistically whilst the noble Rube was psyching out the mechanical intricacies of the magic box. At last, all was in readiness.

Brewins



"Watch the birdie . . . Oops!" (crash, sproing, etc.). Ruefully surveying the wreckage and muttering a few chivalrous phrases, the while knight mounted his trusty steed, in earch of windfalls, or something.

Fiassco

Beak was lounging in the sun during vacation, when his ears rose to the sound of maidenly distress emanating from Darbsville. Quickly wending his way through the tunnel, he chanced upon D. Coolie, J. Seagull, and a small hard core of others attempting to disable two feminine friends of Seagull's with two miles of kite string. Coolie's Boy Scout ability being nil, the females were carried off toward a nearby shower room. Eagerly awaiting the results of wet water meeting dry tennis costume (you may recall the plea of the girl in the white blouse in the recent hydrodynamics conference inci-

dent), Beak followed. Once in the cell, however, the Darbs had doubts. Obscene comments filtered through; and a thick brown mist settled over the scene instead of the expected aqueous type as Drubnoid tradition reigned and dryness was saved. Beak wandered slowly away, thinking yellow thoughts.

Hated by All

Phlegm K. Taylor was strolling along a random street not so long ago, when a little old lady, going the other way, suddenly stopped, looked at him, and said, "You'd just better watch your step, young man!" Taylor, looking and feeling quite innocent, stopped and stared at her. "Er, what was that, ma'am?" "Oh . . . never mind!" she croaked, giving him an angry glance and waddling away, leaving K. wondering what new innocent debauchery he had committed now.

THINKKLISH

English: SLOW-WITTED BASEBALL PLAYER

Thinklish translation: The guys who patrol the fences on this man's team include a slugger (*cloutfielder*), a braggart (*shoutfielder*) and a sorehead (*poutfielder*)—reading from left field to right. The clod in question—a *loutfielder*—rarely breaks into the line-up. He thinks RBI is the second line of an eye chart. But he's no *doubtfielder* when it comes to smoking. He goes all out for the honest taste of fine tobacco . . . the unforgettable taste of a Lucky Strike!



English: POLICE STATE



Thinklish: COPITALISM
MARCIA MORTON, OHIO STATE U.



English: DANCING STEER

Thinklish: BULLERINA
JOHN WILLIAMS, GEORGIA TECH.



HOW TO MAKE \$25

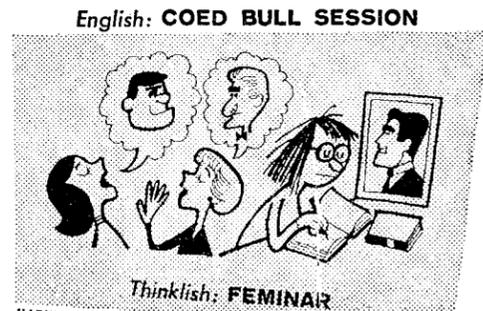
Take a word—*institution*, for example. With it, you can make an aquarium (*fnstitution*), a bowling alley (*pinstitution*), a fireworks factory (*dinstitution*) or a saloon (*ginstitution*). That's Thinklish—and it's that easy! We're paying \$25 for the Thinklish words judged best—*your* check's itching to go! Send your words to Lucky Strike, Box 67A, Mt. Vernon, N.Y. Enclose your name, address, university and class.

Get the genuine article
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English: STINGING VEIN

Thinklish: SMARTERY
ANTHONY NOVACK, WISCONSIN STATE COLL.



English: COED BULL SESSION

Thinklish: FEMINAR
HARVEY POPPEL, R.P.I.

FIGHT CANCER

AMERICAN CANCER SOCIETY



Swimmers Drop Meet, Owings, Tibbetts Star

Friday, April 4, saw the University of Arizona swimming team defeat Caltech, 52-23, in a dual swimming meet.

This was the first outing for the Webmen since return from spring vacation.

Highlighting the day's performances were Don Owings and Gary Tibbetts. Owings took first in the 200-yard butterfly and also took first in the 200-yard breast stroke.

Tibbetts showed continued promise of things to come in garnering first in the 220 and 440 yard freestyle events. His 220 time of 2:19.1 was a personal best; his 440 yd. time of 5:04.0

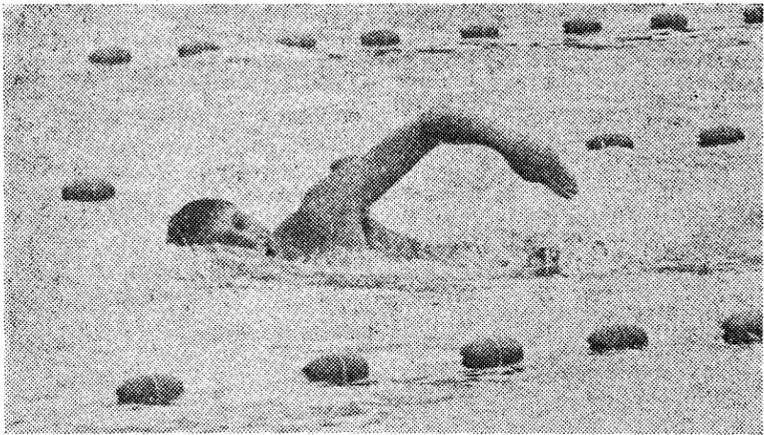
was just a shade off his previous best of 5:02.

Keith Brown also gave a good performance, taking second in the 50 yd. free and second in the 200 yd. backstroke.

Tomorrow, the Emerymen will take on Whittier College at Alumni Pool and not at Whittier, as originally scheduled.

Beavers At Home

- Friday, April 10—
 - 4:15. Swimming (var. and frosh) vs. Whittier.
- Saturday, April 11—
 - 1:30. Tennis (frosh) vs. Oxy.
 - 2:00. Baseball (frosh) vs. Whittier.
- Monday, April 13—
 - 3:15. Tennis (frosh) vs. Pasadena College.
- Tuesday, April 14—
 - 3:00. Baseball (var.) vs. Whittier.
- Wednesday, April 15—
 - 3:30. Baseball (frosh) vs. Pasadena College.



Olympic prospect Gary Tibbetts paddles way to another swimming victory in meet with Arizona held Friday.

Baseball Team Splits Pair; Frosh Drop Initial Game

The Caltech nine split their double-header with the University of San Diego last Saturday, losing the first, 11-7, and winning the second, 8-7. In the first game the Techmen went into an early two-run lead only to see it disappear as San Diego blasted in two runs in both the third and fifth innings.

Pitcher Buzz Merrill and first baseman Skip Stenbit led the Tech batters, belting three and two hits, respectively.

The Techmen rallied in the bottom of the last inning to win the second game by a narrow one-run margin. With the score

tied, 7-7, pitcher John Price singled and then went to second when the San Diego pitcher hit him while attempting a pick-off. A single to left field by Dave Teal drove Price in and won the game for the Beavers.

Price sparkled in the pitching department, picking up his fifth win of the season. He also sparked the Beaver batters by hitting a solid three-for-three. Blakemore also contributed heavily, getting two for four.

In a game played last Monday, the Frosh baseballers bowed to LA Pacific University by a

(Continued on page 6)

Tennis Team Suffers Loss

In two matches played so far this term, the Caltech tennis team has failed to win. Last Thursday, a tough Arizona University net team swamped the Techmen, sweeping all singles and doubles matches to win, 9-0. Last Saturday, the Beavers traveled to Redlands, where they were again shut out.

Playing their first match this term, the frosh also lost to Redlands by the same score as the varsity.

Drugs Sundries Cosmetics Tobaccos
CALIFORNIA REXALL PHARMACY
 555 S. Lake SY 2-3156
 Breakfast Lunch Dinner

As I See It

by Russ Pitzer

PE PLAUDITS

The Physical Education Department deserves a lot of credit for experimenting with the PE curriculum. Although the formal reports on suggestions made by the faculty and students were drawn up only last term, the department has already acted on them by setting up organized classes in various sports. If the new system works out, there is a chance of obtaining equipment for other activities, such as weight lifting. Granted the program still has difficulties in schedules and flexibility, it is a distinct improvement. Incidentally, the new tennis instructor, Dick Doss, used to play on the UCLA varsity, and now has national ranking.

SWIM SCENE

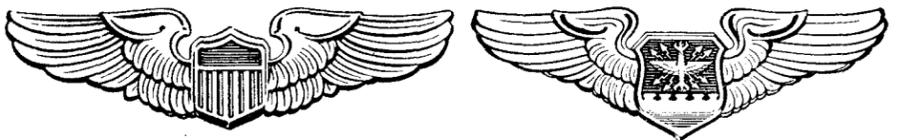
The swimming team presents the only bright spot in a not-too-rosy spring sport picture this term. Free style Gary Tibbetts already has set one school record and is flirting with others. Don Owings stands to improve

on the records he holds. All the teams in the league this year have shown about equal strength, and the conference meets, which begin soon, will give a good indication of who is the team to beat. The toughest team the Beavers will face is probably Whittier, Caltech's adversary this Friday. It ought to be a great meet.

BASEBALL STRETCH

The baseball team is now playing its most important string of games for the season — four straight with league-leading Whittier. Beginning with yesterday's game, the baseballers will follow with a double-header at Whittier Saturday, and then a single game here next Tuesday. Ace pitcher John Price will probably pitch three games, and they should turn out to be fine duels with the excellent Poet hurling staff, especially if previously injured John Walsh is able to play, giving the Beavers an edge in the hitting department.

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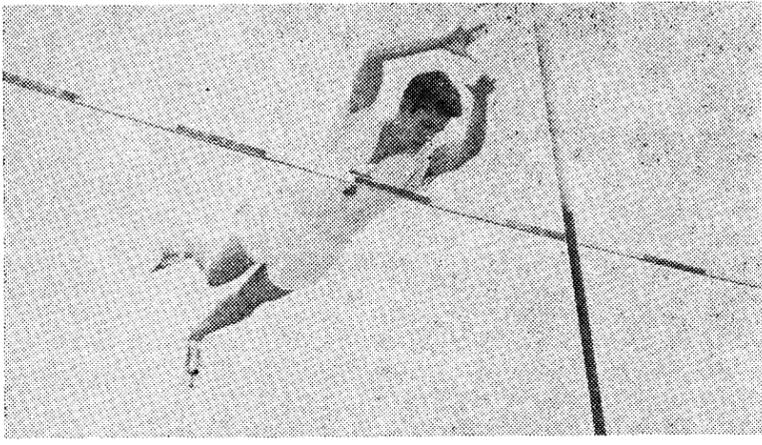
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GRADUATE THEN FLY

U. S. AIR FORCE AVIATION CADET PROGRAM



John Weaver, sophomore pole vaulting ace, clears crossbar to nab first place in Saturday's meet.

Trackmen Test CMC; Klett, Newman Shine

Caltech trackmen won a moral, if not actual, victory over Claremont-Harvey Mudd last Saturday as the combined CMC frosh and varsity scored 75½, Caltech varsity 62½ and the Caltech frosh 24 in a weird triple meet. Had Caltech combined their frosh and varsity teams, the Beavers would have won, 86½ to 75½.

High point of the meet for the Techmen was a sparkling 10-flat 100-yard dash turned in by frosh Jim Klett. Klett also nabbed a second in the 220, being barely nosed out by Muegenburg of CMC in the time of 22.5.

Versatile John Price also produced a first and second for the Beavers, grabbing top spot in the 120-yard high hurdles in 16.2, and then capturing runner-up position in the 220-yd low hurdles.

Top point producer for Caltech was Fred Newman, who took first place in the broad jump with a leap of 19 feet 7¾ inches, and tied for first in the high jump at 5 feet 8 inches.

In the pole vault, Caltech ace

Pitching Lack Costs Frosh

(Continued from page 5)

score of 7-0. The Beaverbabes could manage but two hits off the visitor's pitching, although their defenses was very good. Steve Heineman was the losing pitcher for Caltech. He was relieved by John Arndt in the sixth.

The freshmen baseball team dropped their first league contest of the season last Wednesday to Pomona at the winner's diamond by a score of 11-4. The loss was the second of the campaign for the frosh, who dropped an earlier 4-2 practice game to Muir High School.

Pitcher Steve Heineman was the victim of 11 hits, coupled with six errors, as he absorbed the defeat. The hosts scored in every inning but the second.

The Beaverbabes also picked up 11 hits, but could only drive across four runs. Right fielder Bob Williams led the hitting attack with a single and a double in three trips to the plate. Heineman picked up the frosh's only other extra base blows, a double.

The big inning for the freshmen was the fifth, when Heinemans double, a walk to Williams and singles by Rick Weingarten and Don Nisewanger produced two counters.

Interhouse

Blacker Whips Klokemen For First Discobolus Win

Surprisingly strong Blacker House scored its first Discobolus victory of the year last week by whipping Fleming, 9-7, in a

Golf Team Drops First League Test

Jerry Siegel shot a medal score 79, but to no avail as the Caltech golf team lost its season opener to Pomona, 48-6. Siegel picked up all the Caltech points by defeating his man on both the front and back nines. The match was played at Las Seranos.

The golf team hostss Oxy at Brookside Golf Course next Friday. Possible participants for Caltech are John Bard, Gary Ihler, Al Fonata, Mike Levine, Wes Shanks, Jim Sorenson and Siegel. The Tigers are reported to have a strong team this year, their number one player having beaten USC's first man twice so far this year.

softball game. Blacker combined a solid ten-hit attack with seven Fleming errors to nab the win.

Pitcher Charles Shelke was credited with the win. Third baseman Tom Jovin provided the most exciting play of the game when, in the final inning with two men out and Klokemen on second and third, he made a spectacular diving catch of a line drive off the bat of Bob Gershman to end the game and rob the Fleming second baseman of a sure hit.

The next Discobolus match, to be played this week end, will pit Blacker against Throop Club in football. Throop challenged in football, basketball and bowling.

Present trophy standings:

Fleming	18
Dabney	17
Blacker	5
Ricketts	5
Throop	1

ASCIT Play

(Continued from page 1)

onciled as he befriends the others.

Readings for the play have been going on since before the end of second term. Many people have tried out for the parts. The directors expect an excellent cast.

Blood Drive

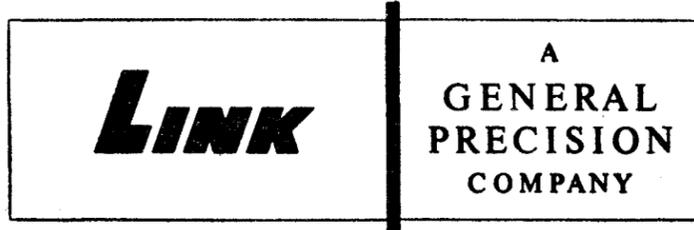
(Continued from page 1)

ments for donations with the Personnel Office in Throop Hall.

Soliciting of undergraduates will take place through the Student House. House chairmen have been appointed and are Clyde Zaidins, Blacker; Pedro Bolsaitiss, Dabney; Bob Wax, Fleming, and Les Hirst in Ricketts.

As in the past, minor release forms will be necessary for donors under the age of 21. This year, no witness' signature will be needed on the green release form.

The mobile blood unit can handle about 30 people every 20 minutes.



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