Existentialist Will Herberg Plans Three-Day Tech Stay

Theologian Will Herberg arrives on campus Wednesday for a three-day round of lectures and informal discussions. His program includes two major evening addresses in Dabney lounge, lunch and coffee for the faculty and associates, and three daytime lectures, and meetings with faculty and graduate students.

Herberg's Tech stay is being replaced by a focus on the religious sects. "Not to be a Catholic, a Protestant, or a Jew is to be something more important. It is for many of American people, not to be anything. To have a name and then two, one must belong somewhere; and more and more the one belongs in America by belonging to a religious community."

But Herberg questions this march to superliteracy: "Is religion the means, or are Americans merely giving a token vote of confidence to the power of faith and the need to 'belong'!"

Herberg opens his visit Monday with lunch at Dabney followed by a student group discussion in the Y lounge. He will eat dinner in Fleming and at 7:30 will speak on "Faith, History and Self-Understanding" in Dabney Hall lounge.

On Tuesday he will lunch at Thorpe club and then have office hours in the Ricketts guest suite. He will eat dinner in Ricketts and then speak in Dabney lounge on "Anxiety, Faith and the Courage to Be." Wednesday morning he will meet with Dr. Moul's philosophy class, and will lunch at Blacker. He will have office hours in the Ricketts guest suite in the afternoon, and will dine with graduate students and wives.

Herberg closes his campus visit Wednesday night with an open house at the Home of Dr. Jesse Grenstein, 2037 San Pasqual Street.

Blood Drive Next Wednesday

By Bob Koh

With less than a week to go, the campus blood drive is moving into high gear. The wrench drive is set for Wednesday, April 22 from 11:30 p.m. in Dabney Lounge.

Advantages received from a one-pint donation center around the Red Cross Blood Insurance program. A Caltech donor, after contributing one pint, can draw upon the Caltech group account with the American Red Cross Blood Bank in unlimited quantities for the needs of himself and his family.

Appointments can be made for the convenience of the donor of the donor. The donor will be notified about the day. There will be an open house after the appointment. All undergraduates, graduate students, faculty and employees are eligible as donors.

For the members of the student house, chairman of their class will be elected, chairman of their hostel, 9:30.

Techniks Dig Beat Reverend

Rev. and Mrs. Pierre Delattre, Congregational missionaries to San Francisco. Mr. Delattre, who will be here tomorrow on a YMCA-sponsored visit. The Delattres operate the Beat and White Mission, which features poetry reading to jazz, Interstellar Church newsletter, in San Francisco's North Beach section.

Mr. Delattre, who is a graduate of the University of Pennsylvania and the University of Chicago Divinity School, started his ministry two years ago. He has written an unpublished novel and more than 100 published poems. His wife is a psychologist and actress.

They will hold office hours in Ricketts guest suite two until five and eat dinner at Ricketts. An open house at Mrs. Hersey's home for students and dates will follow.

By-Law Amendments Face Voters Tuesday

Two amendments to the ASCIT By-Laws have been proposed by the board of Directors. These amendments are proposed to increase the number of the student body in a special election on April 20.

As required by the By-Laws, there will also be a meeting of the Board of Directors on Monday, April 18 at 7:30 p.m. in the Board room.

Bauer Explains

According to Mrs. Bauer, the ASCIT Secretary, the purpose of the amendments is to clarify election procedures for the student body.

The first amendment will allow the Board to establish election procedures for student body elections, as if it does for faculty elections. The present wording of the By-Laws provides only for a runoff election in case a candidate receives a majority on the first ballot.

Laws Prove Inadequate

This has proved inadequate to deal with many of the situations that have arisen in actual practice, often resulting in large numbers of runoff elections. The proposed change allows the Board to spell out the procedure of a runoff election in all situations.

The second amendment was proposed upon the recommendation of the Board of Directors. It would eliminate the present amendment.

Nominations Next Week

The number of students to be held in house dining rooms about April 23, 5 to 6 in student body elections is scheduled May 5.

Bachannals Seek Singers

Singers, especially first tenors and basses, interested in singing for the Bachannals, Caltech ensemble, should tryout Monday night at 7:30 in Fleming lounge.

SHOP MEMBERS

The Student Shop will accept applications from graduating students until April 22. Applications blanks are available from Jerry Bigg, Dabney, and Keith Taylor, Fleming.

SAILING CLUB

The sailing club will meet and elect officers tonight at 7:30 in 206 Engineering.

CHEMISTRY MEETING

A meeting for fresh interested in the chemistry union will be held this afternoon at 200 in 22 Gates. The meeting will be followed by a tour of the chemistry laboratories.

Appointments can be made for the convenience of the donor. The donor will be notified about the day. There will be an open house after the appointment. All undergraduates, graduate students, faculty and employees are eligible as donors.

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These are the official texts of the proposed amendments to the ASCIT By-Laws, which will be voted upon next Tuesday. (See page 2.)

**Article VIII. Sec. 2. ELECTIONS.** Nominees listed for the offices under Sec. 1 shall be voted upon by secret ballot at the latter part of the second term, at polling places established by the election committee. Election procedure will be the same as that established by the Board of Directors for other elections in the Regulations in this section.

(The section now reads: Nominees listed for the offices under Sec. 1 shall be voted upon by secret ballot, at the latter part of the third term, at polling places established by the election committee.)

(a) A majority of all votes cast shall constitute an election.

(b) In case no candidate receives a majority, a second election will be held among the five candidates receiving the highest number of votes cast at the first runoff, and no candidate shall be considered elected at the second election.

**Article XIII. Sec. 4. BOARD OF CONTROL.** Members of the Board of Control shall be elected by secret ballot during the latter part of the second term. Two students will be elected from each class. This procedure will be established by the Board of Directors in the Regulations in this section.

(The section now reads: Members of the Board of Control shall be elected by secret ballot during January of the third term. The election procedure will be established by the Board of Directors in such a manner as to provide for representative voting in both the first and second terms.)

**Person Is Elected.** For offices to which only two candidates are nominated, if no candidate is elected, a majority of one-half of the greater number of votes will be declared valid results.

(a) No numerical results will be released for publication or to individuals other than members of the Board of Directors and of the Election Committee until the results of the final runoff are approved by the Board of Directors.

(b) The Secretary of the Corporation will immediately sign a copy of every official corporation election ballot and return it to the ASCIT Business Manager for certification by the Election Committee Chairman as the true and valid certified results.

(c) Absentee ballots shall be allowed in the case of class groups which are scheduled to be absent on the day of election. Notice to this effect must be filed with the Chairman of the Election Committee no later than (3) days prior to the election.

(d) Only candidates nominated according to the specified, publicized procedure and duly endorsed by the appropriate local body may be recognized as eligible for election.

(e) Each voter may sign the official election ballot in the name of a member of the Election Committee, at the place of voting, but no other person.

(f) Balloting will take place from 10 a.m. until noon and from 1 p.m. until 4 p.m., in the student houses and Throop Club. A member of the Election Committee will be present at all times during these periods. Ballot boxes will be opened only in the presence of at least two members of the Election Committee.

(g) Ballots cast for candidates not listed on the ballots will not be counted as valid votes.

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CALIFORNIA, better known to many—ELECTRIC. At about the 8500 block. Civic is going to be at Everything. Say, Bar Club. The prices vary different from its winter or fall, so Everything by intellectual means. Thus有效性, the existentialists say, is not only basically different but also far more important than objective truth. Finally, man is considered a fundamentally ambiguous being whose “freedom” is the cause of his abandonment and alienation from the world.

Herberg arrived at this viewpoint by pointing out at our imperilled society in which the meaning of existence has become an immediate question. “Everything modern man has touched has turned to ashes; every achievement of his has been transformed before his very eyes into a delusive force of destruction. His miracles of science and technology have led to industrial exploitation and to the construction of instruments of self-annihilation.”

This plight is the result of man’s attempt to make himself sufficient unto himself. “As long as we try to establish the meaning of existence within ourselves, we are bound to fail. Human existence is radically incomplete.” Contributing factors to man’s disregard of his own incompleteness, according to Herberg, are the pervading ideals of our time, relativism and scientism. “From this chaos there is no escape except breaking through the rational conditions of life and seeking completion in something beyond.” Thus Herberg takes immediate issue with the “pseudo-faith” of the twentieth century, Marxism, nationalism, racism and certain types of psychology. For “only from what is beyond life, only from the transcendent source of life can come the power to deliver us from our desperate plight. In more traditional language, only the God whom we know to be the Creator of heaven and earth, the Lord of life and history, can help us.”

There is no way of proving God, of deducing His existence or nature from the natural world of history. Neither science nor abstract reason nor mysticism can help us across the abyss. The abyss can be crossed in one way and in one way only—by the “leap of faith.” It is a leap beyond experience, beyond science, beyond objective logic. Experience, science, philosophy can bring us to the edge of the precipice and point beyond; they can not help us cross; only the decision of faith can do that.”

We hope that in these few quotations from Herberg’s works we have provided an insight into his primary concerns; an insight that is certain to be broadened and deepened in the addresses which he will shortly hold on campus.

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Coffee Houses

For the non-conformist set, the city has approximately fifty coffee houses (shoes are required). To run down the most popular of these: The Ash Grove has reopened, featuring “vivis Hogan Barbara Dane,” and last week, Blind Sonny Terry and Brownie McGee. It’s in the 8200 block of Melrose Ave, and the admission is $1.50 per person with no other charges, except the near necessity of ordering at least one drink (non-alcoholic). Cosmo Alley features the same type of intellectual entertainment for a minimum of two drinks per, plus entertainment tax, which runs to a couple of dollars over. Cosmo Alley is, strangely enough, on Cosmo Street, which is one block up from Sunset and west of Vine. Right around the corner from the Alley is the Cosmo Lamp, better known to many under the name of the International Club. The prices vary from practically nothing during the week to a two drink minimum on weekends. Stan Wilson is now making the scene.

The Renaissance Club, featuring a consistently pleasant band on the modern order, is set down in a ravine on the south side of Sunset, four blocks east of the unlicensed, which is even harder to find. This places the Renaissance at about the 8500 block. The entrance fee is $2.00 for members and $1.00 for members. Here in Pasadena, the keen teena have a non-conformist coffee house all their own—the Dragonwyck. On Fridays and Saturdays it features an interesting band (Jazz Beat, Feb. 20) and the cost to live is no coupon or cover. The entertainment is provided by a young man’s attempt to make himself sufficient unto himself. “As long as we try to establish the meaning of existence within ourselves, we are bound to fail. Human existence is radically incomplete.” Contributing factors to man’s disregard of his own incompleteness, according to Herberg, are the pervading ideals of our time, relativism and scientism. “From this chaos there is no escape except breaking through the rational conditions of life and seeking completion in something beyond.” Thus Herberg takes immediate issue with the “pseudo-faith” of the twentieth century, Marxism, nationalism, racism and certain types of psychology. For “only from what is beyond life, only from the transcendent source of life can come the power to deliver us from our desperate plight. In more traditional language, only the God whom we know to be the Creator of heaven and earth, the Lord of life and history, can help us.”

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"Long-range programs are important for both men and missiles"

"In a company dedicated to research and development, a young man’s opportunities to learn more—to increase his technical skills—are almost unlimited," says 31-year-old Harry Lawson, Jr., a General Electric engineer engaged in the development of inertial guidance and fire-control systems for ballistic missiles. "And to maintain our position in this field, we are constantly trying to need all the technical training and skills we can produce."

"An important aspect of my job at General Electric is the continuing opportunity to learn more. I’ve been able to continue my education in the company’s Physics Program for college graduates. And I also have the advantage of association with top technical experts in my work. Opportunities like this have helped me realize that long-range programs are important—for both men and missiles."

Harry Lawson is one of several hundred technical graduates who are devoting their skills to the development of 14 government missile projects to which General Electric is a major contributor. More and more our scientific progress and our national security depend on engineers like this man who bring high qualifications to their work and who continue their quest for knowledge, both on and off the job. General Electric believes that individual initiative and career growth are essential to America’s continued technological leadership. To this end, the company encourages all of its employees—30,000 college graduates—to develop to their fullest capabilities by providing opportunities for increasing knowledge and working skills.

Progress Is Our Most Important Product

HARRY LAYTON, JR. received his B.S. in Physics at Union College, Schenectady, N.Y. in 1958, joining General Electric at Waltham, Mass. A year later, he received an M.S. degree in Management Engineering at the Worcester Polytechnic Institute in 1959.
But soft! What taste from yonder FILTER-BLEND...

IT'S WHAT'S UP FRONT THAT COUNTS

This filter, be it e'er so pure and white.
Must needs give flavor too, full clear and bright.
Else would the trusting smoker, filled with hope,
Again be dashed, dejected be... and mope.

And thus we come to Winston's obvious truth.
It's what's up front that counts — and 'tis, forsooth,
In that the fine tobacco, in the end
Are by exclusive process — Filter-Blend—
Become the tastiest taste that e'er hath played
Across your dancing taste-buds, man or maid!

Be ye not slow, therefore, to test the wit
Of what we say: that Winston, friend, is right!
For that with ev'ry smoke ye do delay
Ye are not gaining rosebuds while ye may!

“We are advertised by our loving friends...”
KING HENRY VI, PART III, ACT V, SC. III

By John Berry

One of the saddest things in the world is that people's tastes change. In drinks as well as in music and the other obvious things. Witness the fact that such once-standards as the Gibson, the London Buck, the Gin and It, and Manhattan, and the Old Fashioned have fallen into disuse, though not disrepute, and new drinks, as for a time the Bulldog, have become popular. This changing of tastes was really borne home to your writer recently. The occasion was the consumption of his first Bee's knees in a year and a half. For the eight months ending June of 1957, this was his favorite way to use gin. Now, while he does not actively dislike it, he considers it a complete waste. However, in the hope that there is someone who might like it as he once did, he will pass it on.

The Bee's Knees

1 oz Gin
1 teaspoon Honey
4 lemon juleps
Mace well and strain into glasse.

Your writer once liked them warm also, but he no longer recommends this. One excellent but little-known drink which is recommended without reservation is the above-mentioned Gin and It.

The Gin and It
1 part Gin
1 part Sweet Vermouth
Drink warm. Use imported Italian Vermouth; Marzini and Rost is both excellent and easily obtainable.

This one is above 55 proof and deceptively mild, one can be careful of. Those who say this is only an ultra-wet Marzini are wrong. There is a definite qualitative difference.
By Tom Tisch

Dr. Al Ellis, Caltech professor of mechanical engineering, recently announced development of a high-speed camera, able to take more than 1,000,000 pictures a second.

Developed under the auspices of the Office of Naval Research, the camera is to be used primarily for cavitation studies. The camera has successfully taken pictures of tiny cavitation bubbles, high-speed impact strain waves, and exploding wires.

Ellis also foresees use for the camera in studying the behavior of so-called "plasmas."

At present, Ellis and Maltland Stewart, head photographer for Walt Disney, are engaged in studies of so-called "plasmas." He hopes to gain information for a series of articles he is writing on guns and ammunition.

With the high-speed camera, pictures can be taken of the impact and resulting bullet trajectory. Further studies with polarized light will give shock information for a series of articles he is writing on guns and ammunition.

At present one flash of light lasting 200 micro-seconds provides enough light to expose 500 frames of 35mm film.

Ellis graduated from Tech in 1942 with a B.S. in electrical engineering. He continued at the Institute with graduate work in physics and engineering and received a Ph.D. in mechanical engineering in 1953.

In his undergraduate days, Ellis worked with Pickering in the lab here at Tech.

Blood Drive

(Continued from page 1)

By Pierre Sundborg

"In my job, I get the variety and responsibility I wanted".

"Each new assignment brings me greater responsibility and more challenging work. I have the satisfying feeling that I'm getting ahead in management," says Charles F. Barefield, B.S.E.E., Alabama Polytechnic '56. "That's what I was looking for when I joined the Bell Telephone and Telegraph Company."

"Following three months of interdepartmental training, I was moved to the Telephone Engineering Department and was assigned to a Bell Telephone and Telegraph Company."

Barefield, who has been a supervisor in the Plant Department. My assignments were varied in nature; handling technical and supervisory situations. In June, 1957, within a year after joining the company, I was appointed Plant Foreman supervising a group of men responsible for telephone installation and maintenance at Auburn, Alabama."

Six months later—in January, 1958,Barefield became Transmission Superintendant at Birmingham. "This assignment involves responsibility for accepting newly installed systems, preparing operating manuals, and recommending modifications for improved operation," Barefield explains. "I worked with the many different groups responsible for engineering, installation and operation of telephone and microwave systems. These circuits range all the way from wires to microwave radio."

"I have been getting the variety and responsibility I looked for," Barefield says. "It is still possible for me to begin my career."

Many young college men like Charles Barefield are finding interesting and rewarding careers with the Bell Telephone Companies. Check into the opportunities available for you. Talk with the Bell Interviewer when he visits your campus. And read the Bell Telephone booklet on file in your Placement Office.

"The Tarnished Ear"

By Pierre Sundborg

About 10 years ago some well-meaning soul, probably on Madison Avenue, put together two words, got one somewhat redundant phrase, and let the world know that "High Fidelity" was here. Soon the novelty was known as hi-fi and became a part of "Our Great American Heritage."

I don't intend to tell anyone what hi-fi is, or how good reproduction should be achieved. What I do intend, though, is to present some opinions, give a few technical reports on equipment, and, in general try to present a picture of the state of hi-fi at Caltech.

Now, let's get down to business with a report on the B and O Stereodisc cartridge. This is a moving-magnet (magnetic) stereo pickup manufactured in Denmark and imported by the Dynaco company.

Dynaco claims a frequency response of 20-15,000 cycles, plus a high-speed turbine. When the Kerr cell can react in one billionth of a second so the present rate of one million pictures a second is not the limit.

The electronic circuitry for the Kerr cell was built under the watchful eye of Ellis. It includes grooved lightening circuitry and the delay features for the camera. In order to expose the film at the necessary rate, a unique method is employed. The film is held stationary in a 30-inch diameter drum.

The incoming image is focused first on a mirror, and then on the film.

He Went Thataway

The mirror is attached to a high-speed turbine. When the camera is in action, the mirror is turning at 10,000 r.p.m. Each image then results in a separate picture. In taking pictures, Ellis uses an automatically synchronized polarized light with shock pattern set up in the jet.

Shutter Is Key

The heart of the camera is the shutter mechanism. With the high-speed camera, pictures can be taken of the impact and resulting bullet trajectory. Further studies with polarized light will give shock information for a series of articles he is writing on guns and ammunition.

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Details Revealed

For Class Flings

Directions for reaching the Amundalllante Club, site of Saturday's Junior-Junior Prom, were released to the California Tech by senior vice-president Keith Brown: "Take the first turnoff, Sun Ranch Avenue, from the Colorado Freeway. Turn left at the stop sign and then turn right at the first street."

Brown promised an informal prom featuring the Bacchanaali, Caltech Glee Club octet.

Stan Stojera, sophomore class president, said the dress for the Frosh-Soph Dance would be "dressy," other participants. There will be no flowers.

Dr. Al Ellis shoots bullets into jello, snapping results with high-speed camera.

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Swimmers Roll Past Poets

Friday, Caltech defeated a tough conference foe, Whittier, 49-37. The meet was never close, with the frosh setting the pace and winning nearly every event.

Gary Tibbetts continued to hit the right note this week, capturing three first places. The frosh, on the other hand, was edged by a 42-41 count. Caltech led most of the way in the non-scoring final "event" and proved decisive for the visitors.

Lack of depth, a flaw formerly with the Beavers but not this year, seems to be adequate for the visitors, although Bill Howard and Gary Turner were again impressive.

Golf Team Defeats Cal Poly Paly

Sparked by front-line victories by Jerry Sible and John Bard, the Caltech golf team bounced back from a 125-92 defeat at the hands of Oxy last Friday to defeat Cal Poly, 35-19. The match was played Monday, April 20, at the Los Angeles Country Club.

Badege Sible and Bard, Al Fonda, Gary Sible, Wes Shanks and Jim Scarsen shot for the Beavers.

As I See It

by Russ Pitzer

Frosh Look Good

Two frosh teams are headed for very respectable records this spring. The frosh tennis team, led by Dick Hess and Cedron Jones, has beaten and beaten decisively, both Pomona and Whittier. They have lost to Redlands in conference play, but the score of 8-6. But this should be considered with a grain of salt, for Redlands is in tennis like Occidental in track.

Aslo downded the frosh, but the little Beavers had a man missing at the time. The frosh tennis team should finish third, and may finish as high as second in the conference.

The frosh swimming team has also performed well at times this year. Gary Turner has turned in backstroke times better than anyone on the varsity. Breaststroke Marshall Buck has been doing quite well, and will be a good replacement for Don Owings on next year's varsity.

Freestyle swimmer Gary Mitchell, butterflyer Bill Howard and breaststroke swimmer Bill Huggan have also improved a lot under the Web Emery regime and are swimming very well.

Unfortunately the team lacks depth, and this has cost them two meets. The losses were to Redlands and Whittier. They also tied for first in the Redlands Relays, and stand a good chance to cop the conference championship.

Another frosh team that has shown potential, even though their record may not indicate it, is the baseball team. With one or two good pitchers, they could give most anyone a rough time. Coach Petersen points out that, with a little more depth, the frosh would be much better. Any frosh with baseball experience would be welcome should be turned out.

Tennis Tournaments

Tennis coach John Lamb is starting a new tournament this year. All men connected with Caltech or JPL are eligible. It is intended especially for professors, graduate students and employees. The format is designed to fit the pockets of players in the novice tournament. Anyone interested in either of these tests should notify Coach Lamb this week.

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first in fashion
The Caltech freshmen baseball squad went down to defeat last Saturday, bowing to visiting Whittier, 16-7, in a game marked with walks and errors for both sides. Missing their regular pitcher, Ralph Falke, who is out with a broken ankle, and playing with a ten-man squad, the little Beavers fought a spirited but losing battle.

After giving up a quick run in the top of the first inning, the Beavers bounced back to knot the score in their half of the initial frame as John Arndt scored on a single by Hal Kurtz. But the poets went ahead to stay in the second inning, combining walks, errors and timely hit to push across five runs.

Brightest spot of the day for the losers was a tremendous home run by Kurtz, which sailed into the TP parking lot.

The Beavers’ pitching chores were shared by John Arndt, the loser, Steven Heimann and southpaw Don Silsweinger, who pitched for the first time in his career.

Beaver hosts in first singles. No conference match for the Beaver squad is a Saturday tilt with Pomona on the home courts.

Senior Nab Interclass Track Meet

The senior class took first place in the annual Interclass Track Meet held last Tuesday. The upperclassmen amassed a total of 61 1/2 points, with five first place winners. The sophomore attack was led by Dave Marks and 10 points.

Top-point producer for the winners, and for the entire meet, was Fred Newman, who, with first place in the broad jump, a tie for first in the high jump, second in the low hurdles and third in the high hurdles, scored 14 points.

The only junior victory of the meet came in the pole vault with third places in the high hurdles and broad jump and a fourth place in the 100-yard dash to score 10 points.

Jim Klett and Dick Tuft were the freshmen heroes, both gaining two first places in their specialties. Klett won the 100-yard dash in 10.3, then came back to win the 220 in 23.7. Tuft scored his wins in the mile, in 4:35.5, and the 880-yard run, in 2.02.8.

John Price, senior hurler ace, was able to walk away with victories in both the low and high hurdles. His times were 16.3 for the low, and 30.8 for the highs.

The 440-yard dash, run in the time of 51.7, saw soggy Bob Keil nip senior Tony Leonard at the tape for the win.

Although distance star Dick Tuft was forced to withdraw, the freshmen still pulled a victory out of the fire in the mile run. Bill Hassenwah, with a strong last-lap kick, beat senior Jim Peskin in the time of 11:23.

In the remaining field events, senior Ron Pitzer took the pole vault with a heave of 38 feet 7 inches.

Sailing Club Fifth In Two Regattas

In a seven-way meet, held last Saturday, the Caltech Sailing Club finished fifth, scoring 25 points. Occidental College won the meet. Club president Tom Bowman skipped boat "A" for Caltech, while Nelson Byrne skipped boat "B." Crewmen at the meet were Dan Morrow, Dan Marks and Harold Stark.

Two weeks ago, the Caltech boatmen traveled to Berkeley, again pulling down fifth place with a score of 35, behind the winning University of California squad. Bowman and Byrne again led the Techmen, assisted by crewmen Keith Matthews, Doug McLane, Bob Moore and Dan Morrow.

Next Sunday the Beavers will sponsor a meet at the Los Angeles Yacht Club, with all members of the Southern Series college sailing league expected to enter. At present the Beavers stand fourth in the league, behind Oxy, Pomona and Santa Barbara, and ahead of Cal Poly and Orange Coast.

Interhouse football began last Tuesday as Dan Morrow downed Throop, 60. The only score of the game came in the second quarter on a pass from Jack Bass to Doug Christman. Here the game was John Munsen, who intercepted four passes for Dan Morrow.

Blackers House in football, 32-7, with 29, so pho­

The next challenge will pit Throop against Danberry, the match to be played this weekend. The Darbs challenged in tennis, volleyball and water polo.

Present trophy standings:

Flemming 18

Danbery 17

Blackers 6

Ricketts 5

Throop 4

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(PIN) or Ole" (PEN) would seem to fit. But only

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students and college faculty members except em-
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2. Fill in all missing letters .... put the dots in the
places indicated. Use of obsolete, archaic, variant or foreign words prohibited. After you have completed the puzzle, send it along with six empty package wrappers of the same brand from L&M, Chesterfield or Oasis cigarettes (or a facsimile of a complete package wrapper of any brand) to: Liggett & Myers, P. O. Box 2371, New York 46, N. Y. Enter as often as you wish, but be sure to enclose six package wrappers (or a facsimile) with each entry. Illegible entries will not be considered.
3. Entries must be postmarked by midnight, Friday, May 29, 1959 and received by midnight, Friday, June 5, 1959.
4. Entries will be judged by the Bruce-Richards
Corporation, an independent judging organiza-
tion, on the basis of logic and aptness of thought and interest by the Bruce-Richards
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Close Across:
1. These may indicate that a nation is prepared to wage war in the air.
2. A rural ...
3. Second and third letters of OASIS.
6. Some college students.
11. Hedges also desert.
13. One expects discussions in a sociology class.
14. Among students...
15. A student's careless might annoy a short-story instructor.
16. A student's careless might annoy a short-story instructor.
17. Initials of Uruguay and Denmark.
18. Germanium (Chem.)
19. Nova Scotia (Abbr.)
20. How Mexicans say, "Yes".
21. P- -N.
22. Sometimes a girl on a date must into her pocketbook to help
23. All L&M cigarettes are high in smoking pleasure.
24. Chemical Engineer (Abbr.)
25. May be a decisive factor in winning a horse race.
26. Campers will probably be by a forest fire.
27. Initials of Oglethorpe, Iona, Rutgers and Emerson.
28. United Nations Organization (Abbr.)
29. When starting a trip, tourists usually look forward to the first ...
30. Golf mound.
31. At home.
32. Literate in Arts (Abbr.)
33. Familiar for faculty member.
34. Filter ends.
35. What Abner might be called.
36. Bachelor of Education degree.
37. Reverse the first part of "L&M".
38. What will soon appear in a bombed-out city.
39. A from Paris should please the average woman.
40. An inaccurate traveler will...
41. Stone, Bronze and Iron.
42. Some college students.
43. Second and third letters of OASIS.
44. When one is packed, it could be exasperating to remember
45. When one is packed, it could be exasperating to remember
46. Grounds to rebel on with a mild CHESTERFIELD.
47. Attach a letter to...
48. A from Paris should please the average woman.
49. An inaccurate traveler will...
50. Some college students.
51. A from Paris should please the average woman.
52. An inaccurate traveler will...
53. What Abner might be called.
54. Bachelor of Education degree.

Close Down:
1. These may indicate that a nation is prepared to wage war in the air.
2. A rural ...
3. Second and third letters of OASIS.
6. Some college students.
11. Hedges also desert.
13. One expects discussions in a sociology class.
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