

Konuri Talk On India Dry, Sparse

BY JAY LIPPMAN

This past Monday Kannaiah Konuri, people-to-people ambassador from India, spoke on "The Two Democracies — The United States and India."

As we were eating dinner, I easily spotted Mr. Konuri in his Indian dress. He has on a long, flowing white undergarment, similar to a toga which was trimmed with an embroidered purple border. Over this was a yellow, collarless shirt, and a red sash with a green-outline that he draped over his shoulder. The picture was completed with a pair of brown shoes and white socks.

Konuri was introduced as a lawyer, businessman, and politician; his speaking style verified his introduction. He spoke in a loud, booming voice in a choppy style similar to that of President Kennedy. However, his British-Indian, loud, and fast-slow manner made him monotonous and difficult to understand.

Konuri, who had been talking on this same subject to businessmen and political leaders in this country for the past four years, obviously didn't rewrite his speech for a collegiate audience. He spoke in vague political generalities with a quasi-religious tone. The few facts and bits of information he had were disconnected, and did not convey the type of information some-

(Continued on Page 2)



Computer Expert Bertram

IRE Sets Speech On Computers

The Caltech branch of the Institute of Radio Engineers and the American Institute of Electrical Engineers opens its program for this year on Monday, November 20, when it brings Dr. John E. Bertram to the campus.

Dr. Bertram received his D.S. in Electrical Engineering at Columbia in 1958 and is now Manager of Control Systems Research at the IBM Research Lab in San Jose.

After dinner at the Athenaeum, Dr. Bertram will speak at 7:45 p.m. in 142 Keck on "Computer Problems in Real Time." The program is open to non-members as well as members. Refreshments will be served.

Vote Today On Proposed BOC Structure Revision

Finance Drive For YMCA Nears End

BY PETE LIPPMAN

YMCA representatives throughout the student houses will conclude tomorrow the annual effort to solicit the student body's 6% of the Y's budget.

Emphasis has been placed on the \$2000 drop in off-campus donations which, reportedly, resulted from last year's unenthusiastic student-body response. Many outside donors, YMCA sources relate, consider campus support a prerequisite to their own financial participation.

Painless Payment

Student contributions may be made through Institute facilities, as undergraduate "pledges" may be satisfied via term bills.

YMCA-sponsored activities and services constitute a significant portion of Tech's cultural and social activities, without which undergraduate life here would be almost unrecognizably changed.

PE Decision Reversed

The policy change in P. E. credit for InterHouse sports, announced several weeks ago, has been modified by the Faculty Committee on Physical Education. In an announcement to the House presidents and athletic managers last Thursday, Dr. William Corcoran (speaking for the Committee) stated that full credit will be given for InterHouse sports participation — up to five credits a week.

Hearn Chosen IHC President

In a meeting last Monday, the InterHouse Committee elected Bob Hearn as its president for the next term and a half. Hearn, a senior in Page House, will assume command at the next IHC meeting.

Hearn will take over the office from acting-president Kerry Donovan. Donovan assumed the office after the resignation of Bill Hogan as IHC head.

Voting is taking place today to determine whether the Ex-Comm recommendations for a revision of the membership structure of the Board of Control through ASCIT By-Laws change will take place. If the new proposal goes into effect, the present two-from-a-class representation on the Board would be scrapped in favor of a one-from-a-House membership. In addition, The BOD would be able to appoint two members-at-large. A BOC Secretary would be elected as before, but with the added restriction that he be a junior or senior. The ASCIT President would not be an automatic member of the BOC under the new plan.

An explanation of the Ex-Comm's position, as well as its reasons for suggesting the modification, appeared in last week's *California Tech*.

Brown, Kahn to Discuss Atomic War Survival

The topic of a television program this Sunday will be "Could the U. S. survive an all-out nuclear attack?" Discussing the issue at 5 p.m. on Channel 4 will be Harrison Brown, Caltech professor of geochemistry, and Herman Kahn, RAND expert on thermonuclear war.

Both men are active in the present controversy of nuclear testing. Brown has participated in numerous conferences and only recently returned from a trip to the Soviet Union. His book, "The Challenge of Man's Future," deals with the problem of civilization growth. He has been concerned with the "population explosion" and natural growth and recovery. Kahn, remembered for his two-day session on war given at Tech in 1960, owes his national reputation to his book "On Thermonuclear War" and the studies undertaken for the government which led to publication. For the past few years, he has conducted "schools" for top brass in the military, government and business fields. He has facts and figures to analyze almost any kind of nuclear attack on this country in terms of retaliation, rehabilitation and survival.

Y Film Series Presents "Kismet" With Hi-Fi

Howard Keel and Ann Blyth star in "Kismet", this week's offering from the Y Film Series management. Special equipment, featuring 60 watts of audio power, flat 20-20,000 cps, will reproduce the sound track of music by Borodin.

REPORT FROM THE U.N.

Conference Crowded But Fruitful

BY BOB KOH
AND ROGER NOLL

NOTE: This is the first in a series of three articles by Caltech's two delegates to the United Nations conference held in New York last weekend. The first will be a summary of the activities of the conference, the second an account of the speech made by Prime Minister Nehru of India, the third an account of the speeches made by the other dignitaries that attended the session.

The Collegiate Council for the United Nations conference, while immensely successful from the standpoint of the conference officials, was in one respect not quite what the Caltech delegation had hoped for. According to CCUN officials, the conference was expected to lure approximately 200 students, and by Monday of last week, about that many had registered. In the last few days, however, a flood of registrations mushroomed the total to well over a thousand. The final attendance was about 1300 students from nearly every school that was invited, with most of the eastern and southern schools sending five or six representatives. Every college of any reputation sent delegates, including the leading science and engineering schools such as MIT, Carnegie, Rensselaer and Rochester. Several other colleges from South-

ern California were there, including Pomona, Scripps, Claremont and Upland.

CCUN Informative

Although the large number of delegates greatly reduced the chances for personal contact with any of the dignitaries, the conference was fascinating and highly informative. The first session, held Friday afternoon, consisted of introductory remarks by conference officials, and briefing sessions by delegates to the United Nations from various foreign countries. Included in this first session were speeches by Herman W. Steinkraus, president of the American Association for the United Nations and former national president of the American Chamber of Commerce; Sean Ronan, a member of the Irish mission to the United Nations and a permanent delegate; A. M. Ngileruma, Ambassador to the United Nations and chief of the United Nations Mission for Nigeria; Francisco Delgado, Ambassador to the United Nations and chief of the United Nations Mission for the Philippines; and Walter Irwin, Director of Public Service and Non-governmental Organizations Relations for the United States Mission to the United Nations. Also scheduled to speak was the Soviet delegate, Viktor Kuznetsov, the present President of the Security Council, but at the last minute he

canceled his engagement and sent instead the second in command of the Russian delegation. **Nehru Speaks**

Saturday morning was the highlight of the conference as Prime Minister Nehru of India spoke for nearly 90 minutes, devoting a good portion of the time to answering questions asked by delegates. After Nehru's speech, the conference broke up into three sections, each of which featured panel discussions by men of high reputation in fields of international affairs. Each panel discussed one particular phase of United Nations activity and problems. The topics for discussion were the role of the neutral countries, the problem of emerging African nations, and the problem of China's representation. Some of the people involved in the discussion groups were Dr. Hans Kohn, the foremost authority on neutral nations and nationalism in the world and Professor of History at CCNY; Dr. Rufus Clement, president of Atlanta University; Peter Weiss, president of the American Committee on Africa and Dr. Wolfgang Friedman, Professor of Law and Director of International Legal Research at Columbia University, and considered to be the best man in his field. **Candid Answers Given**

At the closing session Saturday afternoon, Senator Joseph

S. Clark of Pennsylvania, Chairman of the Senate Subcommittee on International Organization Affairs, spoke on the present administration's views on the United Nations, and then devoted nearly an hour to answering, quite candidly and bravely for a man up for reelection, questions from the delegates.

Although the conference was disappointing in that so many people attended as to make personal contact with the great men attending the conference impossible, the conference was extremely successful in many other ways. First of all, every one of the speakers devoted a large portion of his time to answering questions, and every one, including the Russian, answered sincerely and honestly. The conference was extremely valuable in helping the delegates to understand the policies of nearly every bloc in the UN and the problems each is having. Furthermore, each speaker, especially the Russian, impressed the students with his intelligence and reasonableness. The Russian was not indignant and nasty, the Nigerian was not emotional and irrational, and Nehru was not a starry-eyed and impractical idealist — all contrary to the images painted by the press.

Top Students at CCUN

It should be noted that most (Continued on page 5)

Editorial

BOC Revision

It's always a bit frightening to try to write about ASCIT By-Laws revisions, simply because there seems to be something strangely unpleasant about the subject. Nevertheless, I think it's important to point out some important things about today's BOC revision-election. If this is a place to offer a recommendation, let me put in my pitch for a YES vote.

ExComm made the proposal for the change after a careful investigation. Presumably this included talks with present and past BOC members about the effectiveness of the organization. Their recommendation grew from that study.

From my viewpoint—that of someone who was presented with the change proposal in last week's **Tech** just as you were—I can see some drawbacks in the present BOC structure that the new plan will eliminate.

1. I firmly believe that experience in Tech living and studying is vital for a good BOC member. Freshmen are generally unqualified to sit on the BOC because their perspective is necessarily shallow. The new procedure eliminates the obligation to elect to office members of any particular class by electing one member from each House. It is hoped that this will allow qualified and well-known people to be elected. Moreover, since the election will be held separately from the class and ASCIT elections, special emphasis will be placed on the election and careful consideration can be given to candidate's qualifications.
2. If more than one well-qualified candidate lives in the same House, the one not elected may still be appointed by the BOD after ASCIT elections. Although the ASCIT President would be no longer an *ex officio* member, he could still be a member of the Board through the ASCIT appointments. On the other hand, the present structure doesn't take into account the fact that he may be too busy to devote enough time to both the BOD, BOC and other activities. Such a situation means that the BOC is not operating at peak efficiency.

Don't ignore this election—it concerns something more important than either class or ASCIT elections. The BOC is one of the few direct connections between student government and academic programs. It deserves your consideration and, I believe, your YES vote.

—abell

Y Finance Drive

By now, most people know that the YMCA is conducting its annual finance drive. And hopefully, most people have already donated to the drive. These few words are directed to those who have not yet made a contribution, either through their not being contacted or by their lack of conviction about the worth of such a donation.

There is no better bargain in Pasadena—no matter what your investment—than the YMCA. The few dollars that you put in go to pay for a program which is a great deal of the non-scientific culture here at Tech. Last year's extensive bill of fare was headed by Leaders of America Archibald McLeish and Margaret Mead; the fantastic Yale Russian Chorus; the Athenaeum speech by Linus Pauling and the "rebuttal" by Cleon Skousen; and at least a million lesser items which all helped to keep even the mildly curious Techman in touch with the rest of the world.

Don't feel that you have to be a member to give money. I'm not a Y member and I gladly contribute each year. The important thing is that the Y be vigorously supported by the students.

Figure that each dollar that you give will encourage some outside person to contribute ten or twelve to back it up. Do yourself a favor, because you're sure to take advantage of the Y's program sometime during the year.

—abell

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LETTERS

Petitioners Speak Out

Editors:

We would like to thank the 238 Caltech students, faculty and employees who signed our appeal to President Kennedy urging that the United States not resume nuclear tests in the atmosphere. The petition was mailed to the President on November 13. A copy of the signed petition and cover letter are available for inspection in room 208 Church.

Dave Barker
Ned Webb
Noel Jones

Editors:

The following petition will remain in circulation (on House bulletin boards) until 7:30 tonight.

"To President John F. Kennedy:

We, the undersigned, students, faculty, and employees of the California Institute of Technology realize the danger of letting the Soviet Union take a lead in the field of nuclear weapons. We feel that the interests of this nation will best be served by testing nuclear weapons in the atmosphere if it is deemed expedient by the scientific, political and military leaders of the nation. We wish to live in peace, free, and secure from Communist aggressive policies and believe that this objective can be best achieved by maintaining a strong military posture."

Name Withheld on Request

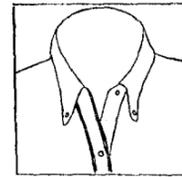
YMCA Provides Sunday Dancing

Featuring exclusive access to a group of Scripps and Pomona coeds, the Caltech YMCA-sponsored folk-dance group meets every Sunday evening from 8 to 10:30 p.m. in Pomona's Renwick gym.

The group, to which males are admitted "by Caltech affiliation only" has been learning Israeli, Russian, Greek, Yugoslavian, and other dances. European line dances called Kolos will be started in about three weeks.

Cars leave the Athenaeum lot at 6:45 p.m. Sunday evening. Further information is available from Victor Sirelson or R. A. Bill Dove, both of Blacker

our man in the Ivy Leagues



BY LARRY McCOMBS

Excerpts from the Hollywood Bowl circus of the Southern California Anti-Communism School are being presented now over Eastern television as a "seminar," presented as a "public service telecast." It makes an interesting contrast to the pro-Communist Congress just finished in Moscow. But perhaps it's not fair to compare them — Peking was allowed to express her opinions in Moscow even though they differed from the official line—no dissenters were allowed on the stage at the Hollywood Bowl!

* * *

Due to the lag inherent in the U. S. mails, I've just received the issue of the **California Tech** in which Ricardo Gomez, Joel Yellin and Pete Lippman were complaining about the lack of drama facilities in the new auditorium. It seems to me that the Drama Club would be better off to push for the use of Culbertson Hall itself. It has been proved that Culbertson can provide an excellent site for exciting and original staging in horseshoe and arena styles. Its small size insures full-house audiences rather than a few hundred people rattling about in a large auditorium.

Once the new building has been completed, it should be possible to install semi-permanent risers for the audience, and lighting facilities for the stage. With the use of the basement for storage of props, costumes and sets (now scattered from Dabney basement to downtown Los Angeles for lack of storage space), and proper dressing-room and make-up facilities (most of the cast for "Camino Real" used a three-foot-wide hall as a dressing room), the Drama Club would at least have a home worthy of some of the fine productions it has presented lately.

Of course, Culbertson could still be used for other things — in fact, these additions would for most purposes be an improvement for all groups concerned. If such an arrangement could be made, I am quite sure

that the Drama Club would be willing to invest most of its profits in permanent improvements upon the facilities. They have already purchased considerable equipment in the way of lights and controls, but such items as the \$250 set constructed for "Camino Real" had to be junked because there was no place to store it for future use.

* * *

Sometime when you have a free afternoon, may I suggest that you drop into the YMCA lounge and sample their library of tape recordings. Most of the major speeches presented on campus in the last few years and a good many of the other special programs are represented.

In fact, if you aren't acquainted—
(Continued on page 6)

Diners' Club

(Continued from page 1)

one interested in world affairs would like to know.

He has taken it upon himself to make India understandable to Americans and to promote the people-to-people relations of Indians and Americans. Prompted by Ghandi's principle of selfless action to improve the condition of the masses, he said that the people of India need help to remain a democracy, and it is in the best interest of the United States to support them by aid and investment.

In presenting his analogy of India and the United States, Konuri traced the history of the great Indian culture, civilization and tradition which extends back 5,000 years. To the present time the Indian people have kept their qualities of toleration, chivalry and devotion to principle, even in times of hardship and oppression. They have shown their ability by maintaining a stable economy during the past two five-year plans and can now "raise their heads in the family of nations." India is devoted to maintaining peace and avoiding war at all costs. Their neutral position is the only way to pursue this goal.



Arrow

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ARROW

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Earl Scruggs, who is now at the Ash Grove.

frets and frails

Great Bluegrass At Ash Grove

BY JOHN D. CROSSMAN

As you probably know by now, Lester Flatt, Earl Scruggs, and the Foggy Mountain Boys are now appearing at the Ash Grove (and will be through November 26). Although I have not seen the show yet, (as this is being written Monday night and the show does not open until Wednesday), I have seen Flatt and Scruggs twice before and can assure you that this is a show not to miss. This group is the foremost proponent of the complex and exciting bluegrass style and their virtuosity has won them awards for the last four years as the nation's number one country and western instrumental group. Recent articles in Time, Esquire, and the New York "Times" have acclaimed the group; in fact, the Times' music critic Robert Shelton said, "Earl Scruggs bears about the same relationship to the five-string banjo that Paganini does to the violin." Although Shelton may be going a little overboard in his comparison, there is no denying that Scruggs is the best five-string banjo player there is. If you have not heard Scruggs or one of the multitude of his imitators you can have no idea of the variety and magnificence of music that can be produced by the banjo.

For your clarification on the subject of bluegrass music, I would like to quote from an article in "Sing Out" by Mike Seeger.

"Bluegrass, the term, came into use in the early 1950's, originally referring to the music of Bill Monroe, from Kentucky, the Bluegrass State, and his Bluegrass boys (a group that included Earl Scruggs.)

"Instrumentally, Bluegrass music is a direct outgrowth of traditional hill music styles, its two most distinctive features being that it has no electrified instruments and that it uses a 5-string banjo for lead or background on all songs. The guitar players, most commonly the lead singer, supplies the band with an open (not slap) style chord background, much like the Carter Family style, with a few melodic runs such as Flatt's famous G run, but rarely takes an instrumental lead. The 5-string banjo is played in a style like that of Earl Scruggs who introduced his new style on Monroe's early Columbia records. The fiddle player uses odd double stops and slides that vary from breakdown to country blues, a smooth style initiated largely by the Florida fiddler, Chubby Wise, also on the early Monroe Columbia records. The mandolin playing is driving and syncopated like the fiddling, being influenced by both blues and breakdown styles. The string bass supports the guitar by picking on the downbeat with an occasional lead."

The five instruments described, banjo, fiddle, guitar, mandolin, and bass, form the classical bluegrass group. The Foggy Mountain Boys, however, also include a Dobro which is an unelectrified steel guitar.

Flatt and Scruggs can be heard on many Columbia and Mercury records, the best being "Foggy Mountain Jamboree," CL-1019, and an all-instrumental record, "Foggy Mountain Banjo," CL-1564, (both Columbia).

The show will be well worth catching.

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BY JOHN BERRY

Since InterHouse has come and gone, it may be argued that this column is a little belated. However, if you woke up that following Sunday wishing you were dead, well, a hangover is akin to rigor mortis, in that muscles which must be alkaline to remain flexible have become more or less acid. In other words, when you are hung over, you are as near dead as you will ever get and still be able to feel it.

I will have to admit right off that really the best thing you can do for your body when it's hung over is just to lie there and take it. But often through lack of time or will-power this is impossible. Thus there has arisen a huge body of folklore concerning this malady. I will present, however, only a few facts and theories about it.

First there is the hair-of-the-dog theory, dearly beloved of alcoholics. This has enough truth in it to be dangerous. It turns out that if you drink enough your hangover disappears, but it's because you are mildly drunk again, and you are in effect borrowing unhangover time. And I must warn you that you pay a high rate of interest on that hangover. Still you may be in a position someday where this usury is your only out.

The one sure, permanent (until the next binge) cure is to get the alcohol out of your system. This is because your organs simply aren't functioning — they are paralyzed by the alcohol in your blood. Most of the symptoms can be directly attributed to your stomach being knocked out. The stomach feels like a lump of cold blubber and is almost as much use. This leads to low blood sugar and thus directly to the pneumatic hammers in the head. Fortunately the liver can burn alcohol, or any hangover would be (shudder) permanent. What we want to do is speed it up. This is the theory behind several cures: the Turkish bath; breathing pure oxygen; or taking a shot of vitamin B1 or thyroid extract, or a capsule of same the night before. This is fine, but all of these are more or less expensive or time-consuming or unpleasant, and thus unsatisfactory. The least-unsatisfactory seems to be taking B1 the night before, but this may only ameliorate the hangover and in any case seems to do nothing for a stomach hangover.

I mentioned that the stomach hangover is the root of the problem. That fact has given rise to another school of course, which trips to waken the stomach by a kick in the pants, figuratively, and feed it before it drops off to sleep again. The best recipe is the following:

PRAIRIE OYSTER

- 1 tsp. Worcestershire Sauce
- 1 drop Tabasco Sauce
- 1 dash Angostura Bitters
- 1 Raw Egg

Mix together and swallow. Keep swallowing. You may want to wash it down with tomato juice.

Now this is a good recipe. The trouble with it is that most people take it at breakfast, which is too early. At that time you couldn't wake up your stomach with even "Ride of the Valkyries" and so the egg lays there and rots. But taken along about coffeek time, a Prai-

rie Oyster will make you actually hungry for lunch.

Still you must also have an interim solution for the headache. Don't take aspirin; it slows down the metabolism and lengthens the hangover. An excellent solution is the tranquilizer pill. I haven't tested all brands by any means, but those I have tried seem not to slow me down any, and do cure headaches.

However, there's no cure like foresight. If I may crib a quote from Cicero, "Let us drink for the replenishment of our strength, not to our sorrow."

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IT'S LATER THAN YOU THINK!

All year long you've been promising yourself to go there. Now the semester is nearly over and you still haven't set foot in the place. Shame on you!

But it's not too late. Right now, this very minute, before you weaken, lift up your head and forward march to the place you have been avoiding ever since school began. I refer, of course, to the library.

Now here you are at the library. That wasn't so bad, was it? Of course not! Go inside. What do you see? A sign that says "NO SMOKING." Go outside. Light a Marlboro. Smoke. Go back inside.

Because now you are ready. Now your trembling resolution is rigid. Now your pulsing psyche is serene. You have been calmed by mild Marlboro. You have been soothed by that fine selectrate filter, by that fine full flavor that dotes and pampers and caresses, that lifts the fallen, repairs the shattered, straightens the bent, unravels the knotted, rights the askew, and fastens the unbuttoned.

In the center of the library you see the main circulation desk. Look in the card catalogue for the number of the book you want, write the number on a slip, and hand it to the efficient and obliging young lady at the desk. The efficient and obliging young lady then gives the slip to an efficient and obliging page boy who trots briskly back into the stacks, curls up on a limp leather encyclopedia, and sleeps for an hour or two. Then, puffy but refreshed, he returns your slip to the efficient and obliging young lady at the desk, who tells you one of three things: a) "Your book is out." b) "Your book is at the bindery." c) "Your book is on reserve."

Having learned that the circulation desk hasn't the least intention of ever parting with a book, let us now go into the periodical room. Here we spend hours sifting through an imposing array of magazines—magazines from all the far corners of the earth, magazines of every nature and description—but though we search diligently and well, we cannot find *Mad* or *Playboy*.



Next let us venture into the reference room. Here in this hushed, vaulted chamber, we find the true scholars of the university—earnest, dedicated young men and women who care for only one thing in the world: the pursuit of knowledge.

Let us eavesdrop for a moment on this erudite couple poring over heavy tomes at the corner table. Hush! She speaks:

SHE: Whatcha readin', hey?
HE: The Origin of Species. You even read it?
SHE: No, but I seen the movie.
HE: Oh.
SHE: You like readin'?
HE: Naah.
SHE: What do you like?
HE: Hockey, licorice, girls, stuff like that.
SHE: Me too, hey.
HE: You pinned or anything?
SHE: Well, sort of. I'm wearin a fellow's motorcycle emblem . . . But it's only platonic.
HE: Wanna go out for a smoke?
SHE: Marlboro?
HE: What else?

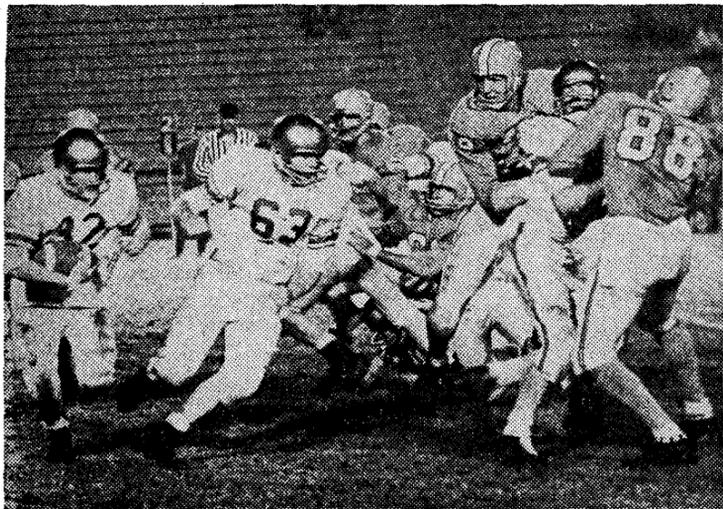
And as our learned friends take their leave, let us too wend our way homeward—a trifle weary, perhaps, but enlightened and renewed and better citizens for having spent these happy hours in the library, Aloha, library, aloha!

* * *

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The makers of Marlboro, who sponsor this column, could write volumes about another one of their fine products—the unfiltered king-size Philip Morris Commander—but we'll only tell you this: Take a leaf from our book. Enjoy a Commander today.

SPORTS



—photo by Mike Levy

Larry Ruff (63) leads fullback Ed Cline (32) around the end during last Saturday's Oxy game. The Beavers face C-HM in the Rose Bowl Saturday.

Occidental Overruns Tech Gridders 47-8

BY GARY CHAMNESS

Occidental College came out on top as traditional rivals Oxy and Caltech met at Oxy's football stadium Friday night. The score was 47-8 for the Tigers.

Plucky Beaver quarterback Bob Liebermann led his team in its finest offensive game of the year. Liebermann has also discovered that he can pass, and he did so with some accuracy Friday night. On the defensive side there were some notable errors, although an effective pass defense is beginning to appear.

Oxy forced over three touchdowns during the first quarter, led by Jan Lloyd and Bob Morley. Early in the second quarter the Tigers marched down into Tech territory once more but were held outside the goal line. Caltech took over. Liebermann rolled out and threw a long pass to Evan Hughes, who made it to the Oxy 25 before being pulled down. Vince Hascall and Lee Peterson carried the ball to the 2-yard line, but the attack was broken when Oxy recovered a Beaver fumble to leave the quarter scoreless. First half: 20-0.

Caltech received, opening the second half, only to have Oxy intercept a screen pass and mount an offensive which was stopped a slim yard short of the line. But before long the Tigers were swooping down on the goal again. This time they could not be contained.

Taking the kick, the Beavers opened a new drive sparked with a 21-yard sweep by Peterson, a pass from Liebermann to Jack Arnold for 24 yards, and a run around end by Liebermann for 14 more. But the drive stalled on the 6-yard line. Another offensive started with a pass to Hascall, but this one died just inside the 20. And suddenly the Tigers produced another score on a pass to Ron Whitney in the clear. A few minutes later they made it yet again, to make the score 41-0.

For the next and finally successful Caltech attack, Liebermann sent Hascall, Ed Cline, Larry Ruff, and Mike Cosgrove driving into, under, and around the Tiger line. The most spectacular gain was Liebermann's own run of 20 yards around end. Hascall scored the TD, and Liebermann passed to Hughes to make it 41-8.

Disdaining the Beaver success, Oxy came right back for another score. Arnold blocked the kick for Tech. The Tech team fought its way back to a threatening position but could not penetrate the end zone again. The final score was 47-8.

After their strong offensive showing at Occidental, the team has begun to think about maybe beating C-HM after all. Though the Stags lost miserably to Oxy, 61-0 or thereabouts, the same team was defeated by rough Pomona only 8-6. But there may yet be some excitement at the Rose Bowl Saturday night at 8 p.m., and rumor has it the banner will be out.

Darbs Lead Discobolus

Dabney beat Blacker in handball Monday three matches to two and thus widened its Discobolus Trophy lead to eight points. Wendell Mendell and Larry Yeagley won the deciding match for the Darbs in second doubles by the score of 16-21, 21-20 and 21-17. They beat the Blacker team of Al Pfeffer and Dick Robertson in the most exciting match of the series, coming from behind after losing the first game and trailing in the second 6-18, and they had to fight off a match point situation at 18-20 to do it.

The other winners for the Darbs were Harold Haskins, who beat Barry Dinius in first singles 21-3 and 21-4, and the team of Jerry Gowen and Bob Scott, who beat Mickey Newton and Eric Nummela in first doubles 21-15 and 21-9. The Blacker wins were collected by Ken Ludwig, who beat Don O'Hara 21-9 and 21-18 in second singles, and Ralph Shuey, who beat Julian Prince 21-16 and 21-20 in third singles.

The next challenge to Dabney's possession of the Discobolus Trophy comes from Lloyd House. The standing at the present time are as follows:

House	Trophy Points
Dabney	12
Fleming	4
Ruddock	1
Page	1
Blacker	1
Lloyd	0
Ricketts	0

Cross-Country Team Places Fifth in Meet

The Caltech varsity cross country team placed fifth in the seven-way Biola Invitational Meet last weekend. The Beavers placed six of their eight runners on the three-and-a-half-mile course. Harold Nathan was the first Techman to cross the finish line as he placed fourteenth in the meet. The team placement in the meet was:

- Redlands
- Biola
- Pomona
- Westmont
- Caltech
- Claremont-Harvey Mudd
- Chapman College

The freshman team finished first in a field of four teams.

Tomorrow the varsity runs against Pasadena College in Tournament Park. The scheduled starting time is 4:15 p.m.

Houses Compete In IH Tennis

InterHouse tennis is now in progress on the Tournament Park tennis courts. At the time that this article was written, too few matches had been played to give a good indication of the ultimate result. At the present time, Lloyd, Page, and Ricketts are tied for first place in the InterHouse trophy race with 18 points each on the strength of their first place tie in InterHouse softball.

Pomona, El Camino Splash To Victories Over Webmen

Bob Basset powered in six goals in the fourth quarter to cap decisively the Pomona victory over the Caltech water polo team here on Tuesday. Altogether the spectacular forward accounted for ten points in leading the Sagehens to their 15-5 victory.

The Beavers abandoned their traditional man-for-man defense in favor of a zone in an attempt to bottle up Basset and keep him isolated in the hole. This gave rise to a very slow, deliberate game with Pomona passing around the outside of the zone and only occasionally risking a shot from a distance. However the Beaver tactics were unavailing and at halftime the score was 5-1.

In the second half the Techmen switched back to a man-for-man defense and Mike McCammon did a good job in holding Basset down to one goal in the third quarter. For awhile it looked as though the Beavers might catch up, but the visitors scored four times in the first two minutes of the last quarter to squelch these hopes.

El Camino Wins

On Friday the Beavers dropped their last non-conference game to El Camino by a in the course of the contest.

score of 15-7. In El Camino's deep-water pool, the hard-swimming Warriors with their sure passing made life difficult for the Techmen. They played an excellent breaking game and simply wore the Beavers down

However in the course of losing the match the team displayed more ability than it has for several games. Bruce Chesbro especially looked good and played an all-around alert ball game which included scoring five of the seven Tech goals.

Next Game

Tomorrow the Beavers play their last match of the season when they host the league-leading Oxy Tigers. With the Tech squad back to something like full strength, they may be expected to make a good game out of it.

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Tech Varsity Soccermen Defeat Biola 6-1; JV's Lose 3-2

Last Saturday morning's soccer game with Biola was won by the Beavers 6-1. The first half, though not especially wanting in action, nonetheless had but one goal scored, that by Herb Chen, leaving the score at 1-0 at halftime.

The second half started with eight minutes of play in the immediate vicinity of the Biola goal; finally the inevitable occurred: Jerry Davis (center forward) made the goal.

After a pause, a number of goals were scored; the first by wing Dave Osias and, a mere two minutes later, another by Joe Kwok, the other wing. Before four more minutes had elapsed, Biola scored her only goal against us. In the remaining time of the game Osias scored two goals, accumulating a personal record of three for the

morning.

Due to the injury of Behrens and Anderson last week, the Beaver juggernaut had but fourteen members from which to build a line and provide substitutions, and this number was further reduced by halfback Tom Katham's leg injury in the first half.

But in spite of this dearth of bench-warmers, the team demonstrated high morale and much of their usual good passing form.

JV Game

The JV's, on the other hand, although they had seventeen

men from which to draw a team against the Biola JV team, lost 3-2.

Through a first half of fumbled passes on both teams, the Beavers managed to keep the ball more or less in the hands of their offense. In the middle of the first half, Choy shot the ball into the Biola goal nets. This score of 1-0 remained until some minutes into the second half when Biola scored.

The Beavers' second goal, made by center forward Demirlioglu, put them ahead again until their rapid defensive collapse, the enervated result of the "InterHouse syndrome," which permitted the scoring of two goals by Biola before the end of the game.

VICEROY CONTEST NO. 2 WINNERS

First Prize, \$100 Cash — Larry Rabinowitz
 Second Prize, \$50 — Steven Green
 Third Prize, \$25 — Richard Burgess

\$10 Each to Ralph Dawson, Alan Limpo, Robert Lin, Alan Moline, Alan Zame
 Have a Viceroiy

CCUN

(Continued from page 1)

of the students attending the conference were very sharp, and much of the good of the conference was in providing a place for these people to meet and sound out each others thoughts and opinions. Unlike most student conferences, this one was really made up of the top students from the best schools.

Caltech a Member?

Perhaps the most far-reaching lesson learned, however, was the ability of CCUN to arrange for top notch speakers to attend their conferences, and the additional fact the organization is extremely anxious to have Caltech join its California branch. CCUN is sponsored by the American Association for the United Nations, which is not only a very wealthy organization, but one with very high prestige at the United Nations and with the United States government. This connection gives it virtually unlimited resources, both financial and operational. The CCUN program for California, while still in the formative stages, already has arranged for an April conference in Berkeley with one of the new Undersecretaries to Secretary-General U Thant. Since CCUN programs cost virtually nothing — registration for the New York conference was only nine dollars — the program provides excellent opportunity for students to become well-acquainted with the highest echelons of United Nations activities. Furthermore, since California CCUN is still small, the chances for having these conferences at or near Caltech are very high. Within the next year or two, California CCUN intends to have several conferences a year, all with top notch UN officials and world leaders — and by attending the New York conference, Caltech now stands in good position to take an active leadership role in these activities.

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NORTH

S—A K J 10 7 6
H—5 2
D—7 6 3
C—8 2

EAST

S—8 4
H—A K 8 7 4
D—K Q 10
C—A 10 3

WEST

S—Q 5
H—Q J 10 6 3
D—A J 5 2
C—J 7

SOUTH

S—9 3 2
H—9
D—9 8 4
C—K Q 9 6 5 4

North dealer; both sides vulnerable

North	East	South	West
2 S	Double	4 S	Double
Pass	Pass	Pass	

Opening lead: King of hearts.

Usually, the opening two bid is used to show strength. In this article, however, a convention is discussed in which the opening two bid is preemptive. In order to show a normal two opener, the opening bidder opens two clubs. To show minimum over a two club bid, the responder bids two diamonds. The opener then declares his real suit. Since bidding room is very rarely a problem when one member of the partnership has a strong two opener, not much is lost by using this convention. The advantage of this convention is that it leaves the opening bids of two diamonds, two hearts, or two spades available for use as preempts. This weak two bid is made with 6 to 12 high card points, at least a six card suit, and very little defensive strength. With at least a seven card suit, the opener preempts at the three or four level if possible. The preempter promises, roughly, to go down three if the partnership is not vulnerable, two if it is vulnerable.

In the hand above, North has a legitimate weak two opener, particularly nice since the suit is spades. East's double is for take out. South, who sees no defense against an East-West heart game, sacrifices at four spades. West's double is not for take out.

The play is straightforward. North loses one heart, three diamonds, and a club for down two, a very profitable sacrifice.



Brewins



Random Re-Marked

Floydman Random, having trouble seeing words on paper in electric typer without aid of contact blurclearers, leans toward same. As nose enters path of typer, letter reacts. Random is now a marked man.

Servicestation Surprised

Swamphouse alligator tamers, intent on returning said beast to natural home, find it necessary to refill four-wheeled machine with petrol. Quoth Tamers, "Please check the spare." Startled attendant, seeing raw handbag material in trunk, replies, "What spare?" Beak thinks it lucky that attendant didn't have weak heart.

Fone Fun For Floyd Frosh

Floyd Frosh Clawhard dutifully answers Bonfire Alley phone, receiving request for R. Blush of same alley. Clawhard rouses said Blush from bull session and retires to room. Ten seconds later Clawhard receives

angry words from Blush about presence of dial tone on phone line. Twenty seconds later telephone rings again. Clawhard answers and receives angry words from caller about frosh who hang up on people. Once more Clawhard proceeds to room of Blush, but occupants there find it difficult to contain laughter as F. Gorilla hangs up Blush's private phone.

Barfly Busted

Tech office sot, Beery, was much dismayed at recent water dance when he discovered (Alas!) that blind nurdate entertained an aversion for all things alcoholic. Said Beery, "I'm not against people who don't drink. In fact, some of my best friends don't drink — I just wouldn't want my sister to marry one."

Thespian Twitches

Off-campus Kilroy, noted actor and cheerleader, seems to have forgotten how to read calendars. When Beak inquired as to activities last weekend, reply

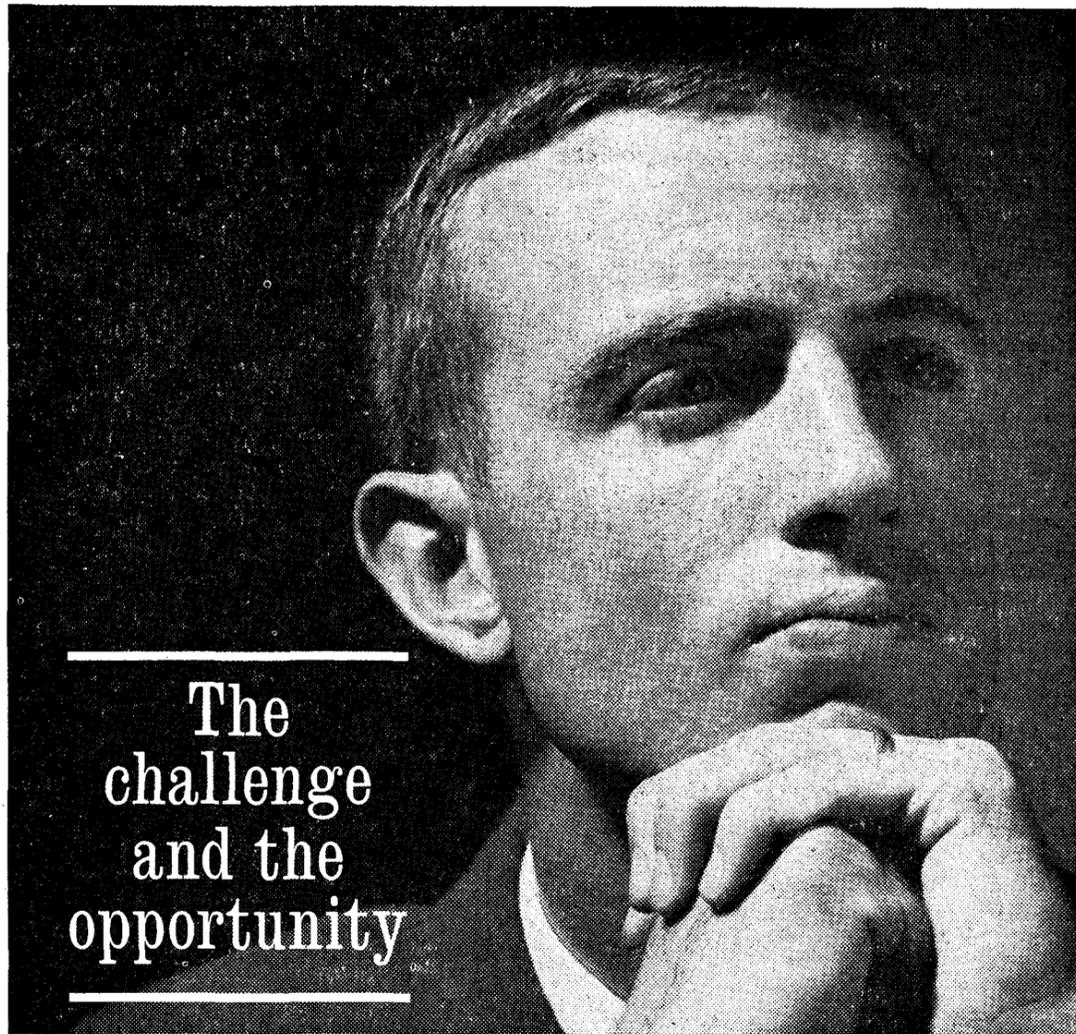
is in form of: "Interhouse? I thought that it was next weekend." Further questions brought to light that Killer Kilroy, resplendent in cheerleader sweater and in company of date, arrived for Oxy game — one day late. Shaken Thespian left, amid comments regarding mental processes. Last seen, he was learning to tell time with the aid of a newly-acquired Mickey-Mouse watch.

Ivy League

(Continued from page 2)

ed with the multiplicity of services the Y provides for free or next-to-nothing, drop in some time for a chat with Janet Chaitkin, the secretary. She'll be glad to help you take maximum advantage of the potentialities of "Tech's second humanities department."

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