READ VOL. LXV **NO.** 6

California Tech Associated Students of the California Institute of Technology

Volume LXV.

Pasadena, California, Thursday, November 31, 1963

## Psychiatrist To Speak On **Mass Society**

Dr. Brock Chisholm, psychiatrist, author and former Director-General of the World Health Organization, will speak tonight in Winnett Lounge at 8 p.m. He is being presented by the Caltech YMCA in cooperation with the American Unitarian Universalist Association. His topic tonight will be "Man and Organization in the Nuclear Age," and he will discuss the pressures which individuals are subject to in mass societies. Prior to his lecture Dr. Chisholm will be the guest of Lloyd House.

#### Serves As Medic

Born in Canada in 1896, Dr. Chisholm served as an infantry officer during World War I, and subsequently studied medicine and psychiatry in Canada, the United States and England, engaging in private practice until World War II. During that conflict he became head of medical services in the Canadian Army. Following the war he was Canadian Deputy Minister of Health, and in 1946 headed the commission which brought the World Health Organization into being in 1948, when he became its first Director-General, a post he held until 1953.

#### Leading Lecturer

Dr. Chisholm has lectured at a number of American Universities, including Columbia, the Universities of Washington and Indiana, and Haverford College. He holds honorary degrees from a number of American and European universities, is a member of numerous professional societies, and is a Commander of the Order of the British Empire.

Dr. Chisholm was the originator of the idea of community mental health clinics through which mental patients could be cared for in their own community environments, an approach which is now highly regarded in this country but which originally gained him the suspicion of those who feared local mental health facilities as a possible method of thought control.



Oscar Kambona discusses future African federation.

## **Non-Violence Approach Discussed By Lawson**

ment will "create a second American revolution as equally significant as the first one," said James Lawson, a noted integration leader, who spoke at the YMCA Dinner Forum on Wednesday, October 23.

In commenting on the "Negro revolt," a term which he didn't like to describe his non-violent approach, Lawson stated that "everyone should feel he has a stake in the non-violent revolution in the South." Commenting upon the non-violent approach he said that it is a Negro tradition. He referred to the Negro spiritual as having an "essentially . . . humanistic philo-sophy."

#### **History of Revolt**

Lawson delved into the history of the Negro revolution by stating that the "slaves were never content" and that there were many who tried to escape slavery, or rebel against it. The present rebellion really began in 1955 with the Montgomery, Alabama, bus boycott. Out of

InterHouse Themes Set

The Negro non-violent move- this action, came one of the big leaders of the Negroes, Martin Luther King. In Montgomery, Negroes were required to sit in the back of the bus. Lawson was active in the freedom riders campaign which followed. In this instance a group of Negroes got on a bus and rode through the South testing integration in public facilities. Lawson stated that "the movement has not yet reached a peak, "and this nonviolent approach is still in the stage of being accepted."

#### The Second Revolution

Lawson said that the nonviolent movement tries to eradicate that which society perpetrated illegally by segregation. This is a crime, he says "of which we are all guilty."

He commented that this is not a Negro problem but a social revolution. He stated that war is no longer a legitimate means. Those believing in non-violence are willing to go to jail and make other sacrifices with no retribution in body and spirit.

# Kambona Speaks On Tanganyika

Oscar Kambona, Foreign Minister of Tanganyika, stated in a discussion last Monday that the apartheid situation in South Africa will be rectified only if the entire world expresses direct concern over this problem. Speaking to a group of students and faculty, Mr. Kambona said that the U.S. and other western countries should not exploit the situation by selling arms to the South African government. Recently many African nations have vigorously protested the South African apartheid policy, which calls for physical as well as social separation of the races.

#### **Decries** Apartheid

Mr. Kambona, who is visiting the west coast for the first time, was invited to Caltech under the auspices of the Carnegie Technical Assistance Program and the Caltech YMCA.

In reply to a question about Mozambique, Mr. Kambona said that Tanganyika would like to have an independent Mozambique on her border. Presently Mozambique is under Portuguese rule. The flow of refugees into Tanganyika poses a problem to her economy, which is not readily able to assimilate these people.

## **Many** Parents Visit Campus; See Faculty

Over 200 parents and relatives of freshmen registered, of which 36 came from a distance of more than 1,000 miles, in the fourteenth annual Parents' Program, held last Saturday.

Total registration for the event was 219. Those who traveled furthest were Mr. and Mrs. John B. Overbeck, who came from Philadelphia, Pennsylvania; and Mrs. K. H. Sun, who traveled from Pittsburgh, Pennsylvania.

The program began at 9:30 a.m. and continued formally until about 5:00 p.m. At 9:30, registration began in Dabney Lounge. The speaking began at 10:00 a.m. in 201 Bridge. Those who spoke were Dean Eaton, Dean of Students; Dean Jones, Dean of Admission; Dean Miller, Associate Dean of Admissions and Scholarships; Dr. Huttenback, Master of the Student Houses; and Dean Strong, Dean of Freshmen. After this, the program adjourned to the Athenaeum for lunch. Several additional faculty members served as hosts at lunch, including some of the RA's, several Humanities professors, and some members of the science departments teaching freshmen. At the completion of lunch, Dr. Swift, professor of chemistry, presided over the program in which Dr. DuBridge spoke. The program concluded with a guided tour of the campus from 1:45 p.m. to 3:00 p.m., followed by a tea for visitors at the Athenaeum sponsored by the Caltech Service League.

#### African Federation

COMPLETE

IN THIS

ISSUE

Mr. Kambona believes that the ultimate hope for Africa is a federation of all African nations. However, the creation of a United States of Africa is hindered by narrow nationalism, as displayed in the present Morrocan-Algerian dispute. Furthermore, it will be difficult for the individual leaders of the African nations to subordinate their present powers to a federal government.

Peace Corps volunteers have done some valuable work in Tanganyika, Mr. Kambona reported. They have been useful in the "self help" type of project. However, Mr. Kambona wished that Peace Corps people could stay more than two years, since it takes a significant amount of time for the volunteers to get into the feel of their jobs.

## **New Contest Contest Opens**

"Oh, what shall we do for a new contest?" screams Simpson, tearing his hair out by the roots. "Yes, yes, oh what shall we do?" shrieks Green, frothing at the mouth. "I know," they both cry horizontally, "let's give Hendrickson away again."

"Let's give away Liapis too; he can take feelthy peektures of the winners and Hendrickson," shouts Karp.

"Oh, peachy keen," responds the rest of the California Tech staff, "just what we need to increase our circulation."

Yes, boys, girls, and those undeterminable, you too can join Ricketts House as a winner of Mr. Thim Hteindthrixcksen, who is a healthy frosh, suitable, etc. All that needs must be done is win the LATEST California Tech contest, the "New Contest" contest. Entries must be sugges-(Continued on page 2)

## Notices

#### CORE SPEAKS

James Farmer, national executive secretary of the Congress on Racial Equality, will speak in Pasa-

#### BY TIM HENDRICKSON

"I don't know; call it 'Nature's Wonderland' — or something fruity like that," replied social chairman Chuck Holland when asked to name the Page Interhouse theme. In fact, ever since Page House began Interhouse construction Saturday night, October 26, they've been unable to predict precisely what is going to evolve.

The most probable reason for this is that the present plan for "caves in Yellowstone" represents a desperate compromise between a Carlsbad Cavern and Yellowstone National Park faction. Thus, in the courtyard will be arranged such natural wonders as a mountain slope, a mammoth hot springs bordered by a board wolk, bubbling mudpots, and a geyser. The lounge is expected to take the form of a spectacular cave, complete with stalactites and stalagmites, an "emerald pool," and "dripping water."

#### World War III

An interesting coincidence this year is that both Blacker House and Lloyd House have chosen "outer space" themes. The inerstellar dancer, upon emerging in the Blacker courtyard, will be immersed in a "War Between the Worlds." Large, lurking swamp monsters and foreign land creatures will be laying siege to a crushed spaceship defended by an ingenious mobile tank.

The main feature of Lloyd House will be a large flying saucer suspended above the courtyard, hemmed in by a pseudo mountain range. Again the visitor will be greeted by several space creatures. The lounge, entered through an air lock, will approximate an "interstellar night club."

#### **Built** in a Day

In a rare breach of tradition Fleming House was not the last to begin Interhouse plans; it was next to last. To liven the Fleming Interhouse a female jazz

singer and a play written, directed, and acted by house members are scheduled. In accordance with the Roman theme the courtyard will be marked by such classical elements as archways, live aqueducts, columns, and fountains, with the entrance possibly disguised as a temple. As a strong contrast to Blacker's hot, steamy marshes the Rickett's House "snow scene" will utilize "ten tons of real snow with a mountain stream and green pine trees and a cabin," in the words of Bob McEliece. The lounge will be transformed into a ski lodge having a roaring fire in the fireplace and abundant snow cones for refreshments.

#### **Ruddock Rook**

Ruddock will transform itself into a medieval castle for its Interhouse. Fortified by a moat, in which there will be "at least one alligator," and a heavy wall, the castle will be entered through a creaking drawbridge. (Continued on page 2)

dena on the evening of Sunday, Nov. 10. Tickets are available at the Y office

#### WATER POLO MANAGERS

The water polo team needs one or two more managers to handle statistics and such. Anyone interested in these positions see coach Emery as soon as possible.

#### BECKMAN DOOMED

The Faculty Senate announces that the Institute will have an Interhouse display this year. It will be Beckman Auditorium. A crew of faculty members will tear it down the day after Interhouse. SUBMIT TO SALTZER

Material is now being accepted for TOTEM, the campus literary magazine. Submit polished items or rough drafts to the TOTEM box in Dabney, opposite the faculty mail boxes, or the S box of Ricketts. WRESTLING STARTS

The Caltech Varsity Wrestling Team will start official workouts Monday, November 4, at 6:10 in gym. All interested people are urged to attend this first meeting.

ished name a series of six (6)

misnomers in your story "Reeke

Triumphs in Big Contest"; i.e.,

Him Tendrickson, Mr. Hendrick-

**Desecration Decried** 

I view with the utmost de-

preciation this desecration at

the inspiration of some repre-

hensible representatives of this

wretched tabloid. But not only

this, I resent also my being

able person and name in vain,

I feel that the bourgeois writer

of the aforementioned article

ought to be castigated, at least.

Tim Miscarriages

cal miscarriage of journalistic

I can only disparage this radi-

sen, Mr. Hindreksson, etc.:

Editors:

### **Poor Tim**

#### (Continued from page 1) tions for new, different, peachy keen contest for the California Tech to run for the benefit of the student body in general, and T. Hptintrexzun in particular.

The advantages of entering this contest are immense, simply immense (which is, by the way, near Abhorrent, West Nevada), so totally snowy and unbelievable that you just won't believe it. First, you get the opportunity to point to a contest and claim your authorship of it. This is nice, but, then, really care. More important, or at least, more titillating, you have an opportunity to win Mr. Yhyndtryxzyn; if your tastes don't meet normal standards of behavior, here is just your dish; his arts were learned only through long experience in Ibn Saud's harem, and are most savory for things of their type. If your tastes do not coincide with Mr. Hundryexseyin's talents he still makes an interesting, nay, unique room decoration. Place him in a gilded cage and watch his darling, almost human antics as he begs for food and affection. Yes, faculty members and grad students are also eligible for this immense prize, this darling pet. Give it to your wife or your girl; she will boast of it to her friends, and treasure it as no other possession.

Entries must be submitted on paper at the California Tech office, room 115 Winnett, by 11:37 p.m. Monday, November 18, 1963.

## Model UN **Applications** Now Open

Caltech undergraduates who desire to be on the Model United Nations delegation should notify either Don O'Hara in Dabney or Tom Latham in Blacker. The deadline for applications will be November 18.

The Model United Nations will be held at Whitworth College in Spokane, Washington, this spring. The session lasts for four days, April 15-18. The Caltech delegation will represent Nigeria and will be composed of 8 students. Since Nigeria is important in the African political scene, it will be a challenging nation to represent.

Next year Model United Nations will be held at the Claremont Colleges. Because of Claremont's proximity, Caltech will be able to send a much larger delegation. This will require several people with previous Model United Nations experience. For this reason, underclassmen are especially encouraged to apply for a seat on this year's delega-

## Editorials

## Forget It!

#### **Editor's Note:**

Page Two

This is the first in what we fervently hope will be a shortlived series of guest editorials. This week's "Editor-for-a-Day" is that noted IHC Secretary, campus gadfly and moral reprobate — Rodger Whitlock. Ed.

Readers! Be warned against the fallacy of waging war against the California Tech. You have no hope. Look at Mr. Hendrickson; quivering, nervous, shrinking, all because of the California Tech's campaign against his morality; already he has been propositioned twice. Do you want that to happen to vou? It is a simple matter for us to heap things on other peoples' heads; contrarily, it isn't so easy to heap other peoples' heads on the California Tech's things. Our enemies' only weapons are personal, physical attacks on the Tech and its staff, i.e., torture, kidnappings, fire bombs, etc. But you wouldn't want to do this; it would involve fines from Dr. Huttenback, bills from B&G, and General Unhappiness. And you don't want that. So remember, give up. . If the California Tech begins a personal attack on you, kiss it off, you're doomed. Disregard the temptation to retaliate, and bow before our inexorable will. Good luck, all.

> -Rodger Whitlock Wally Yerbowski Thim Hendricksen

## From Other Campuses By Jace

In order to begin this week's column by giving some muchneeded reassurance to suffering Techmen, it should be noted that Caltech's tuition isn't quite so high anymore when compared to the Eastern School. Both the University of Chicago and Tufts University are raising their tuition to \$1700 for next year. As for other company, a recently published survey revealed that at least 50 major colleges and universities now charge \$1400 to \$2000 per year for tuition and at least half of these made it known that they intend to increase these costs substantially during the 1964-65 school year. Breathe a sigh of relief, Juniors and Seniors, Tech's good old \$1575 probably won't take another \$300 leap until '65-'66.

#### **Pigskin Progress**

Remaining in the reassurance and sympathy department, Tech can still feel good despite our 2 game losing streak merely by reflecting upon good old dependable Rensselaer which, true to form, has now stretched their streak to 29 or 30 (one loses count). Not so much can be said of our frosh team, however, as their recent 59-0 shutout by Pomona (56-0 at the half!) can hardly be compared favorably to RPI's frosh team, which pulled off a 6-6 upset tie. Woe for the

switch back to happy-go-lucky RPI, where the Polytechnic just printed the winner of its "shot down" contest for homecoming invitations. The winner is such a rare jewel that it's printed below.

"An awful lot has happened around here since I last saw you. I wonder if you're still the same

... I suppose so. I can still remember all the fun we had together . . . It's a little difficult to put this in writing; I thought you knew; apparently not. A few months ago, school got to be a bore. At that time I felt I could go away with, even marry anyone just to get out of that rut, even a forest ranger . . . which is exactly what I did . . .I know it must be a shock . . . In fact, it's a shock to me . . . Living here in a virtual wilderness is much worse than I thought . . . I'll be thinking of that lucky girl taking my place while I'm sitting here in my "tree house."

#### Scientific Sex

Now, heading South, we find the final proof that science can do anything. Two EE's at the University of Miami have devised a machine which can measure the kissing power of two people, giving its results by flashing lights and ringing bells. A hot kiss produces a double "wowee" and rings a bell.

### Asylum Living To Be Related Two of the nine college stu-

dents who spent the summer working in all departments of Porterville State Hospital will speak on their experiences at the Y Dinner Forum on Wednesday, Nov. 6 at 6:30 p.m. in Chandler.

Marilyn Hostetler of Whittier College and Dennis Duffin of Occidental worked at the hospital, which serves primarily mentally deficient children, including a full school program. They will speak on the educability of these children and the possibilites of mental hospitals and other agencies preparing them for normal lives. They will also indicate how Caltech students can have an opportunity to work in mental hospitals next summer as well as on weekends during the year.

Sign up in the Student Houses by noon on Tuesday to attend the program.

#### Y Announces Human Relations Session Camp

Four Caltech students will be permitted to attend the 10th annual Camp Hess Kramer College Conference on Human Relations free of charge through YMCA. This Caltech conference enables more than one hundred student delegates from Southern California colleges and universities to live together for a weekend to discuss and study ways of promoting better understanding among all races, creeds, colors and nationalities. The weekend is that of November 8, 9 and 10 and the site is Camp Hess Kramer on the Pacific Ocean about twenty-five miles north of Santa Monica. The theme of this year's conference is "Days of Crises And What of Tomorrow?" The conference opens Friday, Nov. 8, late afternoon, with a delicious non-Saga dinner, followed by the introductory general session. All day Saturday and Sunday forenoon are taken up by intensive discussion group sessions, interrupted only for a general session or two, meals, some recreational diversion and for religious services.

license, or running off at the keys, as it were. It is a possible symptom of the dreaded "syphilis of the typewriter," about which I have warned the Student Health Center. Furthermore, if this practice continues I shall levy a libel suit against the California Tech.

Moreover, may I also point out the impropriety of the Tom Swifty Contest itself. By convention a true Tom Swifty is a specialized pun based upon a relationship between a direct quotation with the verb "said" and a following adverb.

The judges in the Swifty Contest obviously confused this with the Tom Swifty'; read Tom Swifty prime, in which part of the pun is carried by the verb, in defiance of convention. The Tom Swifty' is not to be confused with a prime Tom Swifty, such as "I think I've been poisoned," he said sagaciously.

You may expect, therefore, bomb-scares and menacing letters direct to you from the Tom Swifty Society in the near future.

Thim Hydrkkoshnnen

Ed's Note: Need we say more?

Interhouse Themes

(Continued from page 1)

Afer dodging the various bat-

tering rams, catapults, and large

crossbows strewn throughout

the courtyard, the weary trav-

eler will find the lounge and

dining room transformed into a

great mead hall and throne room,

complete with a dungeon in one

Although Dabney House has

assumed Fleming's place in not

yet having selected a theme,

several possibilities are now be-

ing considered: a surfing theme,

a Japanese tea-house, and a





Hendresxponz Protests Article;

awarded to 'a group of miscel-Prime Rib laneous Ricketts House members" since I am claimed to be "suitable for any number of things, including some . . . perversions," This assertion is totally unsound, as my answers on the freshman psychological test indicate. For taking my esteem-

days to come when RPI may rise to the heights of Tech's preseasonal national ranking of 612, and Tech replace them in the depths.

#### **Machines Revolt**

While we're on the subject of football, we might as well bring in the topic of Science. It seems that a faulty computer program at MIT which was computing grade averages made a few errors recently, such as giving grade averages of 1.7 to students with honor standing and changing relative fraternity standings by as much as 12 places in the scholastic rankings.

The MIT Tech also starts off with an interesting query, "If you had a seven-and-one-half foot snake that you didn't want, what would you do with it?" MIT thinks you should auction it off for charity - here they'd try to get him out for basketball.

#### Dear John ...

Not wishing to change the theme of technical schools we

Now, using this machine in numerous experiments, an exact method of making a girl has been determined. As the Georgia Tech Techniques reports: "When the time comes to demonstrate your masculinity, you should not swoop down on your prey. You must move slowly for the essence of enjoyment is in its anticipation.

**Precision Pays** 

"To have any scientific value at all a kiss must last one minute, four seconds, and should be repeated seven times in slow deliberate intervals, over a period of nineteen minutes, twenty eight seconds."

But until the Miami Casanovas come up with a transistorized model, the Techman will just have to continue using his instinct to determine how his date will react to his extracurricular activities.

The Tulare University Hullabaloo reports that the vending machines, or "6 buttoned ban-(Continued on page 3)

People interested in attending should contact Tom Huff in the YMCA office, and soon.

"pagan heaven,"

corner.

tion.



Published weekly during the school year by the Associated Students of the California Institute of Technology, Incorporated.

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California Tech, 1201 East California Blvd., Pasadena, California. Member of The Associated Collegiate Press Second Class postage paid at Pasadena, California Printed by Bickley Printing Co. Represented nationally by National Advertising Service, Inc. Subscriptions: \$1.50 per term, \$4.00 per year. Write: Circulation Manager.

#### CALIFORNIA TECH

#### Hey Meester, You Want Ph.D.?

## a hand of **BRIDGE**

BY DILLER AND ZAME N-S vulnerable North deals North S-A, J Н---К, Ј D-K, Q, 7, 5, 3 C-Q, 10, 8, 5 East S-10, 7, 3 H-4D-A, J, 8, 4, 2 C-A, 9, 6, 4 South S-K, Q, 9, 5, 4, 2 H-A, 10 9, 7, 5, 3, 2 D----C---West S-8, 6 H—Q, 8, 6 D-10, 9, 6 C-K, J, 7, 3, 2 The bidding:  $\mathbf{W}$ N  $\mathbf{E}$  $\mathbf{S}$ 1 NT Pass 2 C Pass 3 H2 DDbl. Pass 3 NT Pass 4 S Pass Pass Pass Opening lead: 10 D

The above unusual hand was only one of many weirdies one Friday at the Pasadena club. As South fell out of his chair with his tenth distributional hand in twenty boards, North opened a strong no-trump. At this point South was barely able to stifle his laughter, for what better place for Stayman is there than with 7-6 in the majors. This North rejected with two diamonds, and East thought he'd enlighten his partner by doubling. South jumped to three hearts, forcing his partner at least to game. Unable to conceive of South's lopsided hand, North pooped back three notrump. Then South, still trying to get information from his partner, bid his spade suit, but North passed, feeling he had overstated his capabilities already and hardly able to know that South held anything more unusual than 6-5.

South made the mistake of not thinking carefully about North's bidding. First of all, he knows that North does not have three hearts or he would have bid four hearts instead of three notrump. Hence North must have two hearts to the king to fulfill his one no-trump requirement. At this point South should jump to six hearts, for with nine trump the probability of dropping the outstanding heart honors is greater than .5; so six hearts is a good bid even if North doesn't have the spade ace. But South should even be able to deduce that North probably did have it; North's two diamond bid denies a four card major and three spades to the jack is really scrapping for the one notrump opener requirements. Thus North probably has the spade ace and South should contemplate even a bid of seven hearts.

As it stood, South trivially made six. Ruffing the opening lead, he then took two rounds of trump in dummy, cashed the heart king and led the jack which was ruffed by East. South ruffed the return by East, dropped West's heart queen and balanced.

Seven is in hand, however, for at trick four, South ruffs a club, pulls the remaining trump, and must then guess the heart finess.

### More Campuses

(Continued from page 2)

dits" as the paper call them, have provided a new gambling fever to the campus. One freshman described the sad tale of his addiction in a recent issue.

Walking into the vending machine room, "I had no idea of the vice going on right before my eyes . . . My first hint that there was something out of ordinary was when I casually glanced over and noticed one fellow shoveling a hand of nickels into a brown paper bag. I was utterly amazed, but the other upperclassmen merely remained at the machines they were playing and gazed coldly at the lucky patron.

After being caught by the bug, he "first played 25 dimes on "cream and double sugar." and, although I managed to lose each time, I did receive a half cup of whipped chocolate. After losing on 'pork and beans,' 'fruit punch,' winning a little on 'popsickle' and finally losing it



#### BY STEVE SCHWARZ

Once upon a time there were three graduate students named Hercules, Ajax, and Sisyphus. They lived in a little stucco graduate house with fourteen thousand other graduate students who looked just like them. They were good little graduate students and studied diligently to be great scientists. They did all their Smythe problems, ate in the Greasy to save time, never wasted any time, and never looked at girls because it might excite them. In short they persevered.

One day when they were twenty-five years old Hercules said to Ajax, "It is found by this investigator that this life is for the birds."

"Indeed, preliminary results indicate that such is the case," agreed Ajax.

Sisyphus, however, disagreed. "Further study must be made," he demurred, "before uch a conclusion is warranted."

So Hercules and Ajax went away to seek a solution to the problem. Hercules went to Dutch Guiana and discovered oil, soon becoming the richest man in Patagonia. Ajax became a gigolo in Rome, obtaining one hundred dollars per night for his services. As a control, Sisyphus stayed behind in the graduate house and continued in his pursuit of the scientific profession.

On the appointed day twentyfive years later they met to compare data and arrive at a decision.

"I am now fifty years old," said Hercules. "I have 48 billion Dutch Guianese Rupees, a castle

all on 'cigarettes,' I had to quit." I imagine it's only a matter of time before the bug hits Caltech and Techmen will be spending long nights in a smoke-filled Winnett game room gambling away their scholarships on coffee and donuts.



in Switzerland, a 280-foot yacht, a lovely wife, and a dog named Checkers."

"I am now fifty years old," said Ajax. "I am still young and strong, have plenty of money, and have had 1436 women, 28 of them within the last month."

"I too am now fifty years old," said Sisyphus in turn. "I am old, broken down, and generally cruddy. I suffer from chronic horniness and ptomaine poisoning, my personality is disgusting, and I am still working on my thesis."

"Aha," said Hercules and Ajax together, "we feel our point is proven."

"That is not yet clear," said Sisyphus penetratingly, "consider all that you've missed. The feeling of dedication, the knowledge of accomplishment, the constant mastery of one's baser instinct . . , ug . . . um . . . gulk!" and with that he dropped to the floor, triumphantly dead of overwork.



#### HOW SMALL CAN YOU GET?

Today let us address ourselves to a question that has long rocked and roiled the academic world: Is a student better off at a small college than at a large college?

To answer this question it is necessary first to define terms. What, exactly, do we mean by a *small* college? Well sir, some say that in order to be called truly small, a college should have an enrollment of not more than four students.

I surely have no quarrel with this statement; a four-student college must unequivocally be called small. Indeed, I would even call it *intime* if I knew what *intime* meant. But I submit there is such a thing as being too small. Take, for instance, a recent unfortunate event at Crimscott A and M.

Crimscott A and M, situated in a pleasant valley nestled between Philadelphia and Salt Lake City, was founded by



What, exactly, do we mean by a small college?

A. and M. Crimscott, two brothers who left Ireland in 1625 to escape the potato famine of 1841. As a result of their foresight, the Crimscott brothers never went without potatoes for one single day of their lives—and mighty grateful they were! One night, full of gratitude after a wholesome meal of French fries, cottage fries, hash browns, and au gratin, they decided to show their appreciation to this bountiful land of potatoes by endowing a college. But their generosity contained one stipulation: the enrollment of the college must never exceed four students. They felt that only by keeping the school this small could each student be assured of the personalized attention, the camaraderie, the esprit, that is all too often lacking in larger institutions of higher learning.

Well sir, things went along swimmingly until one Saturday a few years ago. On this day Crimscott had a football game scheduled against Minnesota, its traditional rival. Football, as you can well imagine, was something of a problem at Crimscott, what with only four undergraduates in the entire college. It was easy enough to muster a backfield, but to find a good line—or even a bad line—baffled some of the most resourceful

## Chicago Seeks Business Grads

Students interested in graduate study in business administration are invited to talk with Charles R. Perry, Assistant Dean of Students in the Graduate School of Business of the University of Chicago on Monday, November 25.

Dean Perry will be on campus from 2:00 p.m. until 4:00 p.m. to discuss graduate programs of study leading to the M.B.A. and Ph.D. degrees at the University of Chicago. He will also explain the scholarship program and career opportunities in informal interviews arranged by Mrs. Virginia Kotkin, Secretary of the Humanities Division, Room 6, Dabney.

Regardless of their undergraduate major, students who expect to receive the bachelor's degree or its equivalent are eligible to apply for admission to the School.

### 

#### BE SURE TO ASK ABOUT THE ENGINEERING AND MARKETING TRAINING PROGRAMS.

Motorola offers the student at the BS level an opportunity to advance his career and education concurrently. Work and achieve a Master's Degree in an environment of constant challenge.

On Monday, November 11th, Mr. Jack Haenichen, Manager of New Silicon Device Operations, will be on campus to discuss career opportunities with interested candidates. Contact your Placement Office for an appointment to talk with Mr. Haenichen.

#### THE ENGINEERING TRAINING PROGRAM

Open to BS graduates in Electrical Engineering, Chemical Engineering or Physics with a B average or better. While pursuing an MS degree at Arizona State University each trainee is placed in a rotational program covering four engineering activities at Motorola.

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Well sir, on the morning of the big game against Minnesota, its traditional rival, a capricious fate dealt Crimscott a cruel blow—in fact, four cruel blows. Sigafoos, the quarterback, woke up that morning with an impacted incisor. Wrichards, the slotback, flunked his taxidermy exam and was declared ineligible. Beerbohm-Tree, the wingback-tailback, got his necktie caught in his espresso machine. Yuld, the fullback, was stolen by gypsies.

Consequently, none of the Crimscott team showed up at the football game, and Minnesota, its traditional rival, was able to score almost at will. Crimscott was so cross after this humiliating defeat that they immediately broke off football relations with Minnesota, its traditional rival. This later became known as the Sacco-Vanzetti Case.

So you can see how only four students might be too meagre an enrollment. The number that I personally favor is twenty. Why? you ask. Because, I reply, when you have twenty students and one of them opens a pack of Marlboro Cigarettes, there are enough to go around for everybody, and no one has to be deprived of Marlboro's flavor, of Marlboro's filter, of Marlboro's staunch and steadfast companionship, and as a result you have a student body that is brimming with sweet content and amity and harmony and concord and togetherness and soft pack and Flip-Top box.

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----photo by Phil Liapis

Bob Liebermann rounds end in last Friday's Rose Bowl game.

## Beavers Lose To La Verne, 9-6

#### BY J. K. EVANS

Air power seems to be the thing these days. At least it's a good weapon to commit suicide with, Caltech's Beaver noted in absorbing a 9-6 loss to La-Verne Friday night in the Rose Bowl. The fighting Techmen outplayed LaVerne's Leopards consistently, but were crucified by an intercepted pass which went for 37 yards and a TD. The last nail was a 17 yard field goal. Of course there were a few other mistakes, like two lost fumbles and a dropped punt, but the aerial backfire was the clincher.

Tech's front wall was as solid as ever. Yeoman work by Myers, Kampe, DeKlyen, and Jackson, backed up by Rosbash, Dahlen, Taynai, and Hewitt, held La-Verne to short yardage on the ground; the Leopards couldn't sustain a drive and were forced to kick or held for downs every time. The pass defense by Hall, Thomsen, and Scott, showed definite improvement as LaVerne completed only 4 of 11 for a niggardly 21 yards.

#### Offense Bogs

However, Tech's offense showed some weakness. While still able to roll, the offense showed a tendency to bog at crucial points, as when LaVerne dug in and held on their 7-yard line. The loss of Dave Stolfa's blocking when he sustained a broken leg in the first quarter was no doubt a weakening factor, as was the absence of Evans, out with knee trouble. There were no big ground gains in the backfield; Scott, Peterson, Dinius, Christie, and Liebermann ground out the yardage about equally; Liebermann scored the TD on a 2-yard plunge. All in all, it was a disappointing evening for both players and fans. For the fans, because Tech lost; for the players, because they knew they should have won. Though far above the previous week's fiasco, the team's playing still has not reached its potential strength. Heretofore, Coach Labrucherie

has tried to have power both on offense and defense; this week, as CIT meets Santa Clara, one of the national leaders in team offense, he intends to stack the defense in hopes of humbling the machine which has been averaging 380 yards a game. Let's hope it works.

#### The Play by Play

LaVerne received and punted at once. CIT took over and on the 4th play Scott fumbled. La-Verne recovered and drove to Tech's 31, losing the ball on downs. Tech took over and drove to LaVerne's 30, where after Liebermann lost 8, Hull punted. LaVerne punted back as the quarter ended. Christie broke over right guard but still weak from last week's rib injury, was hauled down after a 23 yard gain. Dinius gained 11 to the  $\mathbf{12}$ and three plays later Liebermann sneaked over from the 2. His kick for PAT was blocked. LaVerne took the kick and lost the ball on down on CIT's 30. Tech immediately punted. La-Verne punted back; Scott dropped it and LaVerne recovered on Tech's 17. However, Tech's line held and CIT took the ball on downs as the half ended.

#### Second Half

## Big Red, Blacker Hold IH Lead

#### BY BOB GILLON

Interhouse Softball ended its second week Tuesday, with last week's leaders still on top. The action did provide great excitement and one major upset. First place changed hands twice, each of the top three teams lost one game, but Fleming played one more than the others, won it, and finished the week in first place by half a game.

#### Fleming Upset

The first day's games saw Dabney, which was winless up till then, beat Fleming 3-2. Swatek limited the losers to three hits in gaining the win. Schoene also pitched a three-hitter, but was the loser.

The same day, Lloyd downed Page 12-8, scoring eight runs in the second inning. Crabtree was the winner, pitching well till the fifth inning, when he tired and gave five runs. Levy took the loss.

On Wednesday, Blacker expanded their lead by beating Ricketts 8-4. Teigland pitched a non-hitter, and would have had a shut-out if he had avoided a stretch of wildness in the fourth. Also on Wednesday, Ruddock defeated Page by the score of 4-2, Radin pitched his first game for Page, and was the loser, Blumsack being the winning pitcher.

#### Lloyd Falls

On Thursday, Fleming met Lloyd in a game to determine second place, and possibly the first spot. The day was all Fleming's as Schoene continued his fine pitching and two Lloyd tossers could not stem the Fleming attack. Slonski pitched for the losers, giving way to Crabtree in the fourth, as Fleming moved back into second place.

The same day, Dabney met Ruddock in one of the most exciting games of the season. Ruddock went into the top of the fifth leading 4-3, scored three times, and took the field with a nice insurance margin. Dabney proceeded to score five times, four of them on a grand-slam home run by pinch-hitter Yudelson. Swatek was the winning pitcher, Blumsack the loser.

No games were played on Friday, but on Monday Fleming and Ricketts returned to action. Schoene had his third fine day in a row, giving Ricketts only four hits as Fleming won a squeaker, 2-1. Eaton pitched well for a frosh, allowing Fleming (Continued on page 6)

## Webmen Defeat Pomona, CHM During First Week

Caltech's varsity water polo team jumped to a perfect start in Conference competition, winning its first two league games last week. In the Conference opener with Claremont-Harvey Mudd in Alumni Pool, Tech led all the way to emerge with a 10-1 victory. Tom Crocker and Dave Seib found the scoring range from the hole position. Crocker scoring 6 goals and Seib 4. The defense was very strong, constantly picking off the opponents' passes and allowing very few attempts at the goal. Last Friday at Pomona, Caltech battled to a 9-2 victory. Tech took a precarious 1-0 lead into the final quarter, but John Walter, with four goals, led an eight goal outburst to clinch the victory.

The Tech frosh did not fare so well, losing to CHM 23-0 and to Pomona 24-3. John Gharrett scored the three goals for Tech against Pomona.

The next league action finds Tech traveling to Redlands this Friday, in an attempt to extend the win streak. Then Tech will battle Occidental, which looks like the team to beat in this years' Conference race, at Oxy on Tuesday.



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Tech received and drove to LaVerne's 7, Liebermann going for 33. There CIT lost the ball on downs. LaVerne took over and punted to Tech's 28. On the third play Liebermann threw one to LaVerne's halfback in the flat and he galloped 37 yards unmolested for the TD. The kick for PAT was blocked. Caltech received but lost the ball on downs on LaVerne's 44. LaVerne drove to Tech's 10; on fourth down they kicked 17 yards for a field goal to take a 9-6 lead. Tech took the kickoff and punted. LaVerne punted back and was penalized 15 yards for disregarding the fair catch signal. Tech lost the ball on downs as Liebermann was smeared twice trying to pass. LaVerne took over and ran out the clock.





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## Soccer Team Wins Pomona Contest; JV Team Loses

The Caltech soccer team defeated the strong Pomona varsity by a score of 2—1. The game started with Caltech in full control. Pomona's offense was consistently repulsed by Caltech's defense while their defense was very hardpressed to keep the busy Caltech team from scoring. As it was, the first half ended in a scoreless tie.

The second half found Caltech once more in complete control. Eventually, Caltech's Dave Gee-Clough kicked a sizzler into Pomona's net. Later, Caltech scored again on a spectacular shot by Janusz Warszawski.

#### **Pomona Routed**

In the closing minutes of the game, Pomona desperateley pushed the ball down the center of the field with flooding the center and fast breaks. Pomona managed to score one goal, but the Caltech defense then regained its advantage and the game ended with Caltech winning 2—1.

The team has decidedly improved in the past few weeks and is probably the strongest team in the league including UCLA. The coming Saturday will find Caltech attempting to continue its winning season against Biola.

#### JV Loses

The JV soccer team lost a close game to the Pomona JV Saturday at T.P. Both teams were scoreless in the first half, although Pomona substituted freely in an effort to wear out the Techmen. Tech also used its one substitute freely. Unfortunately, Pomona's strategy paid off in the second half, when they scored 15 minutes from the end, over a limp Tech team. Tech regained its starch long enough to score, but Pomona scored again with only several minutes to go, winning 2-1.



-photo by Phil Liapis

Bankamericard

Pomona goalie stops one scoring attmpt by Herb Chen and Dave Geeclough. Caltech went on to win the game 2-1.



SPECIAL APPOINTMENT IN HOME or OFFICE

10 a.m. - 7 p.m. Tues., Wed., Thurs. and Sat. 10 a.m. - 9 p.m. Mon. and Fri.



#### by J. K. Evans

Today we will discuss one of football's greatest athletes, the famous Indian, Jim Tripe. Jim was born in a pigsty in Calcutta and got his early training at linebucking by fighting his way through the hordes of squealing piglets to get his dinner. You see, Jim's mother was a rather large and rotund woman: one day while she was scrubbing the floor of her hut with a Brillo pad (she was a demon for cleanliness and the floor of the hut was constantly several inches deep in mud as the result of her attempts to wash away the dust from the dirt floor) her husband came home and thought one of the pigs had got into the house. Ignoring her squeals, he chased her to the pigpen brandishing his threefoot hatpin; once in, there she stayed: every time she tried to climb over the fence, her husband with his hatpin persuaded her to return. So it was that ten months later little Jim was born.

The lad grew apace and it was immediately evident that the boy was destined to become a football player. By the time he was five years old, he defeated every boar in the lot in rooting, grunting, and wallowing. At the age of seven, he was offered a scholarship to Carpile Indian Institute. The coach kept Jim under wraps all through preseason practice; in fact, he kept Jim under lock and key because the boy had a tendency to root up oak trees for the acorns and sneak off in the dead of night to explore garbage dumps.

On game day, Jim was to kick off. Due to his great strength (he was 4' 9" and weighed 375 pounds) he had not been allowed to touch the ball before for fear he would injure it (it was the only one Carpile had). Jim took the pigskin and prepared to kick it; suddenly his eye was caught by what appeared to be tiny hatpin scars on the leather; his eyes widened. Screaming "Mother", he clenched the ball to his hairy chest and ran from the stadium weeping huge tears and not even stopping to root through three overturned garbage pails. The ball was discovered in the local mortuary, carefully embalmed, but Jim was never seen again.

### Page Five

## To CHM Team

Runners Fall

The CHM cross-country team found little competition on our three-mile varsity course. Only the never-say-die running of Ed Lee, who placed fifth, prevented them from a perfect score.

On the two mile frosh course, competition was much keener, but record-setting pace of two CHM runners proved too much even for this year's frosh team, which is the strongest Tech has fielded in recent years. The new frosh course record is 10:20.5.

This Friday the team will travel to Whittier where they will try to regain the winning form they had in the first meet.



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#### Page Six



#### "All work and no jack makes play a dull joy."

Recent sophomoric activities in Buttock House include the founding of a long-needed organization dedicated to the principles of righting wrongs and furthering the Amerikanskaya way. Now in its blubbering infancy, HISULS has already shown signs of becoming an extraordinarily active and wellsupported society, since its initials represent the words Heap-Infinite-Shucks-Upon-LaPiss Society. (Beak, in his infinite mercy, contemplates extending apologies to the founding fathers for his corruption of the mystical third word, but then resolves against it, safe in his wisdom of unprinting unprintable words.) A prime factor in the Society's factorization is one Shucks Rardshard, who is only reeking vengeance for past crimes committed against his person by LaPiss, involving flux of bodily excrements underneath of the entrance to Shuck's castle. (See Brewins last year.) Also deeply

### **IH Softball**

#### (Continued from page 4)

to threaten only twice, giving up both runs in the second inning.

#### Blacker Hits Turf

On Tuesday, Lloyd met Blacker and removed them from first place. Taking advantage of Tiegland's spells of wildness and adding some timely hitting, Lloyd gave Blacker their first loss, 8-5. The Blacker defense was spotty, Lloyd's baseruning was impressive, as was Slonski's pitching.

Also on Tuesday, Ricketts defeated Page by the score of 7-5. Until the last inning, Ricketts displayed accurate pitching and tight defensive play, building up a 7-0 lead. Then the roof fell in; Eaton could no longer throw strikes, outfielders dropped balls, and the infield lost its poise. But the men from the old House kept their poise, and got Page out by bits and pieces. Eaton was the winner, and Levy, back on the mound for Page, was the loser.

A major reason for Fleming's success this year is their slugging second baseman, Bob Gillon. The sparkplug of the average of .515. Part of the million dollar infield.

> IH Standings Fleming 4 1

involved is one Walliver, about whom nothing need be said.

#### Shucks Flows

Contrary to popular belief, the Heap Infinite Shucks phrase does not refer to homogenous activities atwixt of Shucks and La-Piss. Rather, LaPiss was selected as target in recognition of his having lost twenty (20 - count 'em — 20) purity points during the recently departed summer. Thus, appropriately, center of activity of Society is the numerous symbols of the object of LaPiss' heterogenous accomplishments abounding in his lair. Already the Society has effected degradation of identifier of said heterogenous object, in its ostentatious display on the wall of LaPiss' lair; change of orientation of parallel handles on cabinet doors to a new perpendicular orientation, across from one door to another; and random banging of metal streetsign with object's identifier on Future activities of the HI-SULS are to be announced soon, no doubt, though assuredly they will be spread by audible verbiage.

#### **Parakeets Next**

Burblings from Plumbing House bring word of one Stalfalfa, who was pitiably injured in a muchly posterior appendade during last Frig-day's battle of brawn with LaNtern College. After emerging from the depths of the horspital on Saturnsday, encumbered with a plaster encumbrance from socks to crotch, he proceeded undaunted toward dehorning endeavors. Disregarding the inhibitory characteristics of his lower caste, legend says that he participated that very night in two games of Lemon, and the possibility exists that he even extended himself into the Ultimate Pleasure. Surely Beak extends congratulations to this fine example of American tenacity and resourcefulness



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Blacker	3	1	1	
Lloyd	4	2	0	
Dabney	<b>2</b>	3	0	
Ricketts	<b>2</b>	3	0	
Ruddock	2	4	0	
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