Remember the TECH

CaliforniaTech

Associated Students of the California Institute of Technology Pasadena, California, Thursday, April 4, 1963

Number 22

In Your

Will[•]

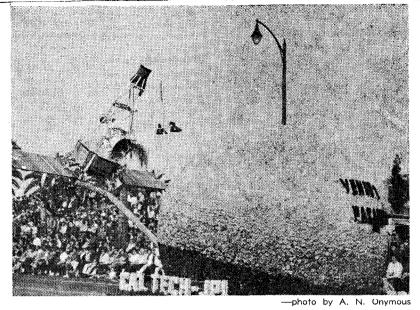
Volume LXIV.

Conference Plans Made

This year again the' Caltech YMCA is organizing a weekend conference with Scripps College. The purpose of the conference is to provide a framework and atmosphere for informal discussions among Techmen, Scripp-sies ,faculty from both schools, and this year several non-academic guests. The topic will be "Responsibility and Response," a phrase designed to cover discussions concerning such subjects as: Is there such a thing as responsibility --- to institutions, to individuals, to oneself and one's ideals? What commitments are implied by responsibilities? What are the psychological necessities and the hazards of commitment? What hierarchy of values underlies the responsibilities we feel? As graphic examples, non-academic men and women who have formed strong commitments are being invited to help answer these questions.

Besides discussions, there will be plenty of time and opportunity for recreation between the beginning of the conference Friday afternoon, April 26, and the official close Sunday noon. The location will be the Firestone BSA Camp in the Puente Hills above Whittier, Cost for the stay (bunks — bring your own sleeping bags) and for food is about \$13, of which \$2 will be subsidized by the Y.

Watch for announcement of the sign-up list sometime next week. At that time a deposit of \$5 must be made. The cut-off point will be 40 unless there are substantially more Scrippsies, so hurry!



Thousands gather at opening of Beckman Auditorium.

ASCIT Board Picks Publications Officers

ASCIT completed appointments to the remaining publications offices in last Monday's meeting, and also approved four athletic managers.

Bob Levin was appointed editor of the **Big T** with Jack Mc-Kinley as business manager. Dick Karp was appointed the **California Tech** business manager, and Dave Helfman was given the editorship of the 63-64 **little t.**

The four managers were Bob Schmulian for track, John Turecheck and Richard Sears for varsity baseball, and Leonard Gordy for frosh baseball. It was noted that Gary Dahlman and Tom Latham have been appointed to the Athletic Council.

The Board also decided to ac-

cept the Munchleins in Culbertson auditorium. It is hoped their show will be recorded by Electra Records.

Cassada spent last weekend cavorting about Catalina (on an ASCIT subsidy) and supposedly investigating for Lost Weekend. Students and dates will be subsidized by ASCIT. He noted that grad students might be allowed to come but will have to pay all costs.

The selection of David Helfman as editor of the little t for 1963-4 came as some surprise to the Board. The selection committee was composed of the editor of last year's little t and the present Activities Committee Chairman. Thus, Helfman and Helfman chose Helfman to succeed Helfman.

Beavers Win Over CHM In Conference Game

BY BOB LIEBERMANN

Big-time athletic emphasis returns to Tech: last Saturday, the Caltech Beavers won their first SCIAC baseball game in the last 34 attempts, defeating Claremont-Harvey Mudd, 3-1. Not since May, 1960, has the varsity copped a conference victory. Dave Hewitt turned a masterful mound performance in extending his skein of shutout innings to 16 by going the route in the twilight game. Dave Barker, Joe Bocklage, and Hewitt supplied the power behind the bulk of the nine hits collected off the three CHM pitchers. The entire team backed Hewitt's hurling with fine defensive play; outstanding performances were registered by center-fielder Les Tomley and third-baseman Gerry Gowen, subbing for the in-

ray Sherman, sophomore pitcher, fought a disheartening pitcher's duel with Bell. Unfortunately, the Beaver bats failed to generate the hitting support for Sherman — Barker's 2-for-4 was the lone bright sign in a weak attack. Once again, the defense was outstanding: Tomley's diving catch in right-center saved two runs; captain Gary Dahlman was flawless at second-base as he notched his first pick-off play of the season, catcher Carlos Johnson *turned* in a steady performance behind the plate in both games. In the only other game of the third term, the Tech diamond nine dropped their league opener to Whittier at Tournament Park on March 26, by the score of 6-2. Bill Ricks started on the hill but faltered under the barrage of the Whittier firepower in the second inning and was relieved by Hewitt, who successfully stymied the Poet bats while navigating the remaining seven innings on only one unearned run.

John Paul Jones Discusses Opinions On Civil Liberties

The Reverend John Paul Jones spoke at 11 o'clock yesterday to a small group of interested students in Dabney Lounge on "the human predicament and civil liberties. Rev. Jones is a member of the National Board of the American Civil Liberties Union, and past chairman of the New York region Civil Liberties Union. He is at present a free-lance consultant on race relations and civil liberties, and has wide experience in these fields from his travels.

"Custom, tradition and frame of reference are the most powerful forces in the world," Jones continued. As an example he noted how often scientific progress had been retarded because preconceived ideas accepted as fact since childhood had prevented a scientist from drawing correct, but contradictory, conconclusions from his evidence which would contradict these preconceptions.

These factors still "provide irrational paradoxes and contradictions in our society." The concepts of slavery violates the whole idea of the Declaration of Independence, but the founding fathers could not abolish it as an institution because it was imbedded in the nation and this would have broken up the country, as indeed it later did.

Jones also noted that people who hold deep convictions are often unable to understand how another person could hold different views. The other person, in turn, could feel the same about him. The best examples of this at present is religious beliefs, which brings up the problem of separation of church and state in America.

Katzen Speaks **On Education** In South Africa Mr. Leo Katzen, reader in economics at Cape Town University in South Africa, will be on campus today. Mr. Katzen will be meeting with interested students at 4 p.m. in the YMCA lounge. Mr. Katzen is the director at Cape Town University of a program designed to tutor native Africans to qualify for University of London degrees, since university degrees are not available to them in South Africa. This is a project of the South Africa Committee on Higher Education, a non-governmental interracial organization. World University Service, to which Caltech students contribute though the charities drive, has been providing scholarships for African students who wish to study under the tutorial program with which Mr. Katzen works. As well as discussing this World University Service project, Mr. Katzen will discuss South African higher education and race relations.

According to the Constitution Congress cannot make laws that will encourage one, some, or even all religions in any way.

The United States, however, has never been entirely consistent on this point. As as example Jones related the present tax exemption for churches (which could be quite burdensome if churches had to pay up to 7% property taxes on individual property often worth hundreds of thousands of dollars). He also used the present automatic officers' status and pay for chaplains in the armed forces.

Present policy, therefore, seems to be one of non-favoritism in Jones' opinion. This has now become a problem in the present controversy over government aid to parochial schools. Money is now requested for schools which no one has to attend and which are openly religiously oriented.

Jones felt the problem at present will have to be explored further before any settlement is reached. A possible solution, he thought, might be tax relief for parents with children in parochial or private schools. To the objection that this would be unfair to childless parents, Jones remarked that is was just as important to them as to anyone that all the children in the country receive a good education because it was vital to the welfare and progress of the nation.

He expressed some reservations, however, so to whether it was good to have religious separation in a person's basic education, and noted that not religion, but merely favoritism, was forbidden.

Notices

SAILING CLUB

The Sailing Club will conduct a course this term on fundamentals of sailboat handling. The first meeting will be at 7:15 tonight in Winnett clubroom No. 2. There will be a lecture for beginners by Commodore Curt Atkin. Plans will be made for sailing this weekend. SCHOLARSHIP RENEWALS

jured Bill Webber.

In the opener on Saturday, the Beavers fell victims to a 3-hit shutout at the hands of Claremont's Don Bell. CHM scored one of its two runs on a series of bunts in the fifth inning. Mur-

-photo by The Beaver

Yesterday, he Beavers played a single tilt at Redlands. Prospects are favorable for a very respectable conference record behind Oxy and Whittier, the perennial leaders. All men planning to apply for Institute scholarships for 1963-64 should pick up an application in the Admissions Office. Applications are due May 1.

Holders of Institute-granted four-year scholarships are not required to submit a new application unless they wish an increase in stipend.

ANNOUNCEMENT FOR SENIORS

Graduation announcements and cards can now be ordered at the bookstore. Seniors must order announcements before **April 12**. Class rings are also on sale at the bookstore.

HAS ANYONE

Seen the Beaver?

RADIO CLUB

The Caltech Amateur Radio Club will meet tonight at 7:30 in Winnett Center Club Room No. 1.



Huet's Anticipation Ball frustrates CHM batters.

CALIFORNIA TECH

by

Thursday, April 4, 1963

Editorials

Walk, Don't Rush

The first task of the new IHC is to draw up a set of rules for the frosh placement program for next year. It is the opinion of the California Tech that at least two important points should be opened now for discussion.

The first problem facing the IHC is what to do with the freshman who steadfastly refuses to cooperate in the placement program. It has been claimed that there almost always exist one or two frosh who from stubbornness or lethargy would simply refuse to take any part in determining his place of residence for his college career.

Already included in the proposed instructions for freshmen concerning frosh placement is the rather terse statement that "no frosh is to either actively or passively resist" rotation. Any strange cases, we feel, should be left to the discretion of the Master, but under no circumstances should the published rules permit frosh to abstain at will or whim.

Another important consideration is whether House social calendars should be published before or during placement week, and whether topics discussed may "include anything the House has done or planned, past or future." This step represents a rather radical change from the previous policy of prohibiting the printing of such social calendars.

To the bewildered eye of a frosh, we feel that the House should stand on its past record and its present spirit, not upon grand promises of even grander programs in the future. Such a premature printing of social calendars can lead only to extravagent claims and promises which will do much toward thwarting the true aims of the program.

> -Don Green J. C. Simpson

The Critical Ear

rickerman

(Continued from last week) Stepping up into the "elite" category we find that Award Series kit by Harmon-Kardon, the F50XK. This is a multiplex only kit which goes for \$130. The high price is not justified by improved sound over the FM1/FM3 combination by Dynaco at \$110. The price here is for "luxury features" which consist of (1) an illuminated tuning meter, (2) stereo indicator to indicate a multiplexing station, (3) distant-local switch of little use, and (4) an interchannel muting switch, the function of which no one can be sure of (3 conflicting answers so far).

This tuner does not use a planetary dial drive so we have to string the %&# cord again. Otherwise the construction is simple and presents no difficulty. Parts are pre-mounted but with rivets.

Once past the \$150 mark we are moving in the rarified atmosphere of the Golden Ear set. Any sound comparison by ear up here becomes only a shade this side of totally meaningless.

H.H.Scott leads off (\$160) with the LT-110 tuner, which is the LT-10 with the LM-35 multiplex adaptor in the same case. A letter to Scott got me the complete circuits for all three to be certain of this. Parts are premounted (damned rivets again) and the multiplex section is prewired and aligned along with the

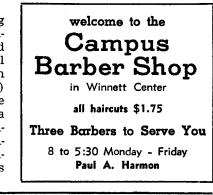
front end tuner, A full color instruction book insures correct resistor color-code-reading during assembly. Features are planetary dial drive, illuminated tuning meter, stereo transmission indicator (recent models only), optional sub-channel filtering to reduce noise on weak multiplex stations (channel separation is cut, however), and a range control. An additional switch cuts high frequency response for still more noise reduction, but is pretty useless in my opinion. Both channel outputs have extra jacks for tape recorder.

The Fisher KM-60 kit, selling at \$170, lacks the colorful instructions, has a dial cord and flywheel, lacks an audio level control (screwdriver adjust on rear of chassis for each channel) and has no range switch. The KM60 does, however, have a switch on the chassis for connecting the tuning meter to various internal stages for very simple alignment. No other kit has this feature. Dual jack output.

Since Fisher owners and Scott owners are always feuding, let me say that in every case of side by side listening, the Scott had slightly better sensitivity and better image rejection. The Fisher is trivial to align and the alignment is as good as instrument treatment. My vendetta against dial cord drives nail the Fisher here, I might add. Measured tests give no clear edge to either. One item of interest cases are extra. Fisher has wood cases only at \$25. Scott offers leather finished steel at \$15 and wood at \$23.

The last kit is the Harmon-Kardon Citation IIIX unit. This unit goes for \$220 with multiplex adaptor (plug in adaptor at \$80) and without multiplex sells for \$150. Wood case is another \$30, Needless to say, this tuner

(Continued on page 4)



From Other Campuses By Jace

Students and faculty at the Illinois Institute of Technology were dismayed last week when they discovered that their undergraduate enrollment had dropped again, but the Technology News noted gleefully that this drop was not all bad as it had improved the ratio of men to women from 22.9:1 to an unprecedented 21.9:1.

Elsewhere on campus, Pi Kappa Phi, an IIT fraternity, announced its intention of joining JFK's fitness programs by sponsoring a fifty mile hike, "to consists of 1,750 trips around their third floor."

Not all fraternities were so gung ho, however. At Rensselaer Polytechnic Institute in Troy, N, Y., the President of Delta Tau Delta spent 50 hours in a chair. As the Polytechnic notes, "he felt it was his duty as a Republican to respond to President Kennedy's physical fitness program in the proper manner. He would sit one hour for each mile the Democrats were walking."

Saga Strikes Back

Things weren't quite as happy in Chicago, where the Chicago

Maroon printed a letter on the food service:

"On February 21, many of us chose the so-called chopped beef as the main course for lunch. Four of the students drained the grease from their portion of this delicacy and filled up two medium-sized ash trays. When the grease had congealed to a bright, Halloween-like orange, small bits of paper were inserted. They were then lit, and they burned with a steady flame for nearly an hour.

"We therefore suggest that RH&C (their food service) patent this method of candle manufacturing and place this new product on the market . . ." Seems Saga has rivals, but I'd still wager Saga gets their own brand of candles on the market first! Food Riot

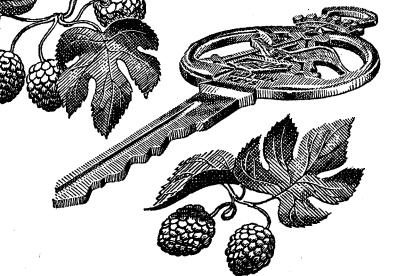
Food troubles are pretty universal, though, as witnessed recently at the University of Nigeria. Students there held a protest demonstration after refusing to eat a delightful luncheon consisting of broiled hippo flanks, yugubja shoots, candied hummingbird lips, and chocolate (Continued on page 4)

One of the seven golden keys to brewing

Budweiser







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> Editors-in-Chief J. C. Simpson, Don Green

> > Managing Editor Gerry Steiner

News Staff Buzz Bernstein, Clem Chase, Walt Deal, Stuart Galley, Richard Karp Ken Kimball, Wally Oliver Ken Brown, photographer

> Feature Staff **Rodger Whitlock, Editor** Jim Hole, Jon King, Lee Molho, Steve Schwarz

Sports Staff Neil Wanamaker, Editor Ed Lee, Thor Hanson, Tom Latham, Bob Liebermann (Honorary), Dennis McCreary, Ray Plaut, Dave Seib, Cliff Tedder

> **Business Staff** Dick Karp, Manager Circulation: Howard Monell

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CALIFORNIA TECH

Page Three

Blacker, Fleming Lead In IH Basketball Race The Caltech varsity tennis team only managed to pick up

The Interhouse basketball season began Monday, culminating a week of official practices, and the first round of games saw favorites Fleming and Blacker score decisive wins.

On Monday afternoon, powerful Fleming used a combination of rugged defense and balanced scoring to trounce outclassed Dabney by a score of 47-23. The victors were led by the torrid shooting of Doug Holford, who topped all scorers with 15 points, and by the scoring of Jim Simpson, John Nady, and Dennis White, with ten, seven, and six points respectively. Guard Bob Scott dominated both the floor play and the scoring of Debney as he sank 12 points.

Monday also witnessed another one-sided game as highly rated Blacker downed a scrappy Lloyd team by a 44-28 margin. Victorious Blacker was held to a fairly small margin during the early portions of the game, but managed to draw away during the last two quarters. Scoring

Webmen Drop Two Straight in Dual Meets

Caltech's varsity swimmers suffered their first defeats in Conference dual meet competition in several seasons at the hands of some strong and determined teams. In the season's first meet, Tech lost to the Redlands team at Redlands, 45-49. Last Fiday, the team journeyed to Claremont and lost to CHM,

At Redlands, Bruce Chesebro won the 200 and 100 yard freestyle events in his final appearance with the Caltech team. Jim Shaw and Art Turner swam to a 1-2 finish in the 200 yard backstroke, Chuck Smythe won the diving and the Tech team won the 400 yard freestyle relay. At Claremont, Tech could only win three events, the Medley relay, the 200 yard breaststroke which Tom Crocker won at 2:47.2, and the 50 yard freestyle, won by McBean with a 24.2 clocking.

The Frosh team split in their two meets, beating Redlands 55-39 and losing to Claremont-Harvey Mudd 37-57. Outstanding individual performances were turned in by Larry Anderson, Bill Owens, Phil Graul and Steve

leaders for Blacker were Doug Josephson with 11 and Guthrie Miller with 9 points, while Tom Bailey had 12 for Lloyd.

Tuesday's game between Ruddock and Page was a much closer contest, with Page eventually coming out on top by 36-28. The lead switched hands several times during the first half, but Page, behind the scoring of John Trijonis (12), Dennis McCreary (11), and Jack Arnold (8), gradually drew into the lead, then stalled out the last few minutes for the win. Bruce Beeghly led the losers with 9 points.

Trackmen In **SCIAC** Relays

The Caltech track team showed balanced weakness in the Claremont Relays held last Saturday. The lone Tech scorer was George Radke with a third place effort of 133' in the discus. The trackmen were not in last place, however, as they defeated L.A. Pacific and Biola.

In relays the best Tech effort was made in the mile, where Charlie Ryavec, Jerry Austin, Ken Brown, and Will Saam were clocked in 3:28. Pat Early ran a 4:42 mile in the distance medly, and Mike Entin hop, step and jumped 40'. Early joined the team only last week, but he claims to have trained last term in secret.

The best Beaver Frosh was Doug Gage with a 6'0" in the high jump, which was good for third place.

The high point of the meet was probably the Frosh twomile relay, which the U.C.L.A. frosh took in 7 min. 4 secs. Several of the legs were run in 1:53 and one frosh ran his first leg in :51.6- faster than any Techman in the 440.

Next Friday the tracksters meet Pomona at Caltech in what should be the closest dual meet this year. Tech may be able to win on its depth in track events and first places on the field.

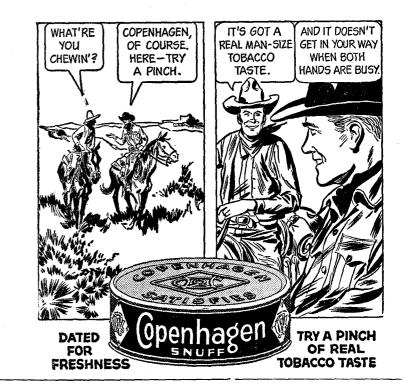
Drugs Sundries Cosmetics Tobaccos CALIFORNIA REXALL PHARMACY 555 S. Lake SY 2-3156 Breakfast Lunch Dinner

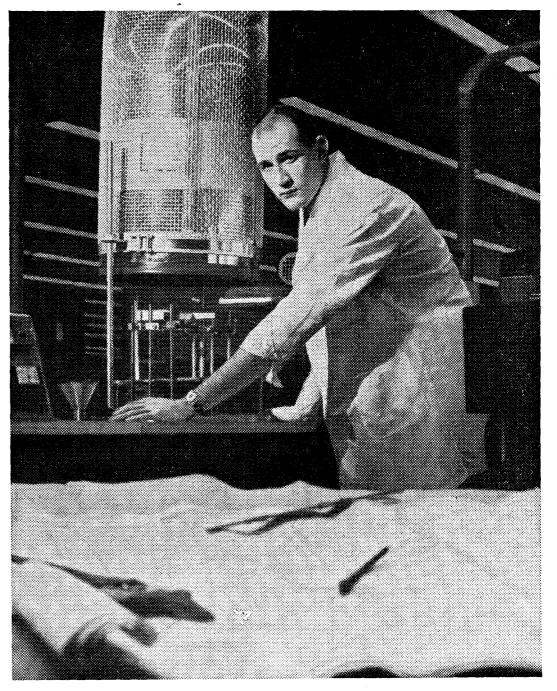
one match in losing to leagueleading, undefeated Claremont-Harvey Mudd, 8-1. With the first round of play over, CHM with a 5-0 record looks like a shoo-in for the league championship. The Techmen are in a good position to take second place, but they'll have tough competition from Redlands and Pomona in second-round matches. The Beavers will travel to Cal Luteran this Saturday and then have a weekend of rest before returning to league competition.

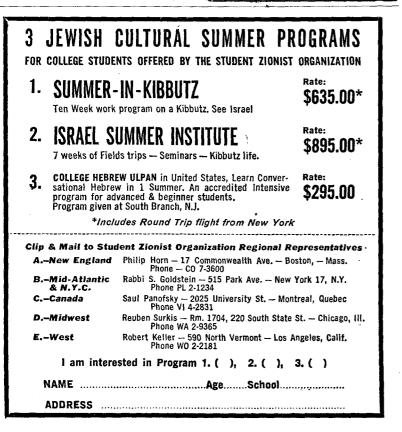
The only winner against CHM was Dave Owen, 7-5, 1-6, 6-1, at fifth singles. Other scores were as follows: Butch Niell, 2-6, 6-4, 1-6; Frank Curtis, 1-6, 1-6; Al Limpo, 2-6, 2-6; Ray Plaut, 5-7, 4-6; Don Green, 0-6, 0-6; and in doubles, Niell-Limpo, 2-6, 3-6; Curtis-Owen, 5-7, 3-6; Ted Gibbs-Freeman Rose, 2-6, 1-6.

The Caltech frosh also lost to the CHM frosh by the score of 8-1. Bob Kepner at first singles was the only Beaver victor. The frosh team plays Pasadena College at Tournament Park tomorrow at 3:00.

team 47-7 last Friday afternoon at Redlands Country Club. Only John Beamer and Dave Falconer experienced any success, splitting their individual matches, with a 78. Thursday afternoon the Beavers take their 1-2 record to Hacienda Country Club to play Whittier College, the victim of Caltech's only win.







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run - of - the - mill Brewins, and mainly because he's pooped out still from a vigorous social program over vacation, Beak offers forthwith a number of excellent, high quality, thoughtful, subtle, humorous, etc., etc., jokes. Ho!

He: I suppose you dance? She: Oh yes, I love to. He: Great, let's do that instead!

Egad!

Tourist: What do you do all day?

Native: Hunt and drink. Tourist: What do you hunt?

Native: Drink. Urk!

Professor: I will not begin today's lecture until the room settles down.

Voice from the rear: Go home and sleep it off, old man.

Egad?

"I was shot through the leg in the war." "Have a scar?"

"No thanks, I don't smoke."

Blech!

A "cured" patient of an asylum was saying good-by to the institute's director.

"And what will you do when you go out into the world again?" he asked.

"Well," he replied, "I may enter law practice again. Or I may become an actor." After a long



"She Loves Me for Myself"

"Not for my Tapers. Yesterday I wore an ordinary pair of slacks and she didn't say a word. What loyalty! Course, I'm back to my Tapers slacks again. No sense in taking chances."



As a change from the usual thoughtful pause he said, "I may even be a teakettle." Sob!

> Alimony — the high cost of leaving.

Yuk!

Teacher: Spell "straight." Pupil: S-T-R-A-I-G-H-T.

Teacher: Correct. Now what does it mean?

Pupil: Without ginger ale. Gasp!

A certain distiller sent a sample of hooch to a chemist to be analyzed. In several days the answer came back: "Dear sir:

Your horse has diabetes." Egad!

Have you heard about the new college game?

No, what's that? Button, Button, here comes your housemother.

Ye Gods

- Real estate agent: Now here's a house without a flaw.
- Harvard graduate: What on

earth do you walk on? And Little Fishes

Moe: How was your date last night?

Joe: No good. She was just a stuffed shirt. Egad!

Women are different from a house. A house gets plastered first, then painted.

Egad!

A college student is one who enters his alma mater as a freshman dressed in green, and emerges as a senior dressed in black. The intermediate process of decay is known as college education.

What Ho!

"How do you get rid of cooties?"

"Easy. Rub down with alcohol and take a bath in sand. The cooties get drunk and kill each other throwing stones," Yak!

Taxi driver: Damn! What a clutch.

Voice from back seat: You just keep your eyes on the road and mind your own business. Urp!

A woman flees from temptation, but a man crawls away from it in the cheerful hope that it may overtake him.

More Campuses

(Continued from page 2)

yak milk. The riot soon developed into a full scale war which had to be quelled by police riot squads. The faculty, sympathetic as always to the students' complaints, expelled the entire undergraduate body, an admittedly novel approach.

Blind Date

Santa Clara University also had a good week. As the Santa Clara reports: "The classic bomb tossed on someone's head this year was fired by a sweet young thing from San Jose State. When an unsuspecting young Bronco asked this lovely creature for a date recently, she replied that she would love to go, but that she had to go home for the weekend because her brother was having a hernia operation.

"As if this were not cruel enough, the same young Bronco was enjoying himself at a party a short time later when his blind date said, matter-of-factly: 'This is the best party I've been to since I've been married'." Diogenes

Before closing I'd like to express my delight at finally discovering an honest college drama player, "Coriolanus", writing in the Tulane Hulabaloo, evalu-

ated a campus drama thus: "Othello was one of the greatest tragedies of Shakespeare. As presented by the TUT troupe, starting last night, Othello became the greatest tragedy of the 1963 season."

Rick's Kits (Continued from page 2)

has everything worth having. RCA's "nuvistors" are used in the really low noise front end (all prewired, etc.). The set is unmatched in sensitivity, quietness, and frequency response. It has both a tuning meter AND a signal strength meter. But it costs.

One final comment on FM sets. Remember, not get tricked into the easy trap of buying a "wider band IF stages" for "wider audio response." The two are not coincident. The IF bandpass limits the ability of the set to handle loud signal without distortion. The FCC sets maximum FM station channel width at 200 kilocycles, and the "A-B" multiplex channel and the "A-B" main channel both lie inside those limits. If a tuner has a bandwidth of more than 150 kilocycles, you have no problems. This width is almost always there in better tuners.



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Results of recent competitive events prove dramatically the durability and reliability of today's Ford-built cars. Our cars swept the first five places in the Daytona 500 for example. More important to you-Ford-built entries had the highest ratio of finishers in this grueling test of stamina! Less than half-just 23-of the 50 starters finished; 13 of them were Ford-built!

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Quite an eye-opener for car buyers. And conclusive proof that superior engineering at Ford Motor Company has produced more rugged engines and transmissions, sturdier bodies and frames and better all-round durability for today's Ford-built automobiles.



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