

Students Give Opinions On Frosh Grades

BY TIM HENDRICKSON

"I'm glad that the faculty recognizes the problem and is now taking action." With these words Bob Levin of the EPC summarized the general campus attitude that something should be done about the increasing dropout rate, caused, for the most part, by the extreme pressure upon Techmen to achieve good grades.

The faculties' proposal — the substitution of "pass" or "fail" for letter grades coupled with section advisors — was viewed with favor by most of those interviewed. As Mike Cunningham, YMCA national representative, explained: "Professors complain that students seem to have lost an appreciation for a subject . . . they become little machines for doing problems. Pass-fail grading would enable students to do more what interests them, on their own."

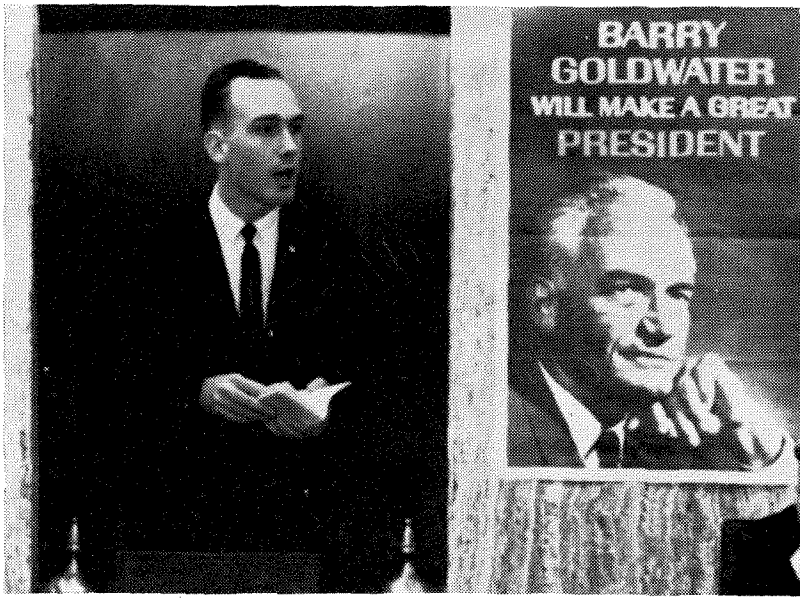
Bill Satterthwaite of Ricketts suggested that pass-fail grading might remedy this problem of students "swallowing knowledge, but not digesting it."

Frosh Think?

The greatest doubt among upperclassmen concerning the new system, as Randy Cassada, ASCIT president, formulated, "was whether a freshman can make mature judgements regarding education on his own . . . not just as the competition for grades requires him." Many felt that, in the words of Fred Lamb of Ruddock, "the crux of the system will be the advisors: what is needed are good, enthusiastic advisors."

These advisors would keep frosh informed, ideally, of where they stand. In giving this necessary monitoring, they would, stated Doug Josephson ASCIT athletic manager, "provide the pressure that ordinarily would be

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—Geisen by Photohainer

Dave Close gives his reasons for supporting Barry Goldwater for President in Winnett Lounge on Tuesday. The debate was sponsored by the Y and the PKD.

Debate Defines Election Issues

The Young Citizens for Johnson and the Caltech Young Republicans debated the issues of the Presidential election in Winnett Lounge Tuesday evening. The debate was sponsored by the Y and the Pi Kappa Delta debating fraternity.

The resolution read by moderator Herbert Booth, was: Resolved: that Barry Goldwater would make a better president than Lyndon Johnson and therefore should be elected in 1964. The captain of the affirmative side

was Dave Close; Sean Solomon managed the dissenters.

Opening remarks by the Goldwater men indicted Johnson for inconsistency and oversimplification of the basic issues. They stated that the President has wavered on civil rights for political expediency. "He has stood everywhere at the same time." Concerning the other topic, "there is no economy in leaving the White House lights off. Perhaps the President ought to leave them on and get some work done." In short, "it is a government of the birds, by the birds, and for the birds."

The negative side remarked how hard it is to call Johnson inconsistent in seven minutes, when Goldwater has constantly altered his stand on Social Security, has knocked the United States space program for letting the Russians put the first man in orbit, but then voted to cut NASA funds, and has stated that we both should and should not quit the United Nations. Furthermore, his extremism is not in step with the nation. "For how can one vote for a man who once said, 'Sometimes I think we would be better off by sawing the Eastern seaboard off and letting it sink into the Atlantic?'"

Next, the debaters settled down onto four main topics, defense policy, the economic responsibility of government, morality in government, and foreign policy. First, the affirmative speakers criticized the present administration for not planning ahead for nuclear delivery devices and not building enough planes to keep up a rocket-bomber balance. They asserted that manned planes are necessary for carrying the heavier payloads accurately. The other side argued that the United States does not need added deliverability, for it already has overkill power, and furthermore, new TFX fighter-bombers will be sufficient additions to the Air Force of 1970.

Morality in government was probably the most interesting topic. The affirmative side pointed out the corruption in Johnson's

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Frosh, Sophs To Roll In Mud

BY MIKE MEO

To earth, fire, air, and water, Napoleon added a fifth element—mud. On November 10, prospective undergraduate engineers and scientists of Caltech will be investigating in depth the properties of this unique medium in the Frosh-Soph Mudeo. Their conclusions will be evaluated by the juniors, who will decide the winners of the contest on the basis of accuracy, creativity, and dollars-and-cents.

Dirty Business

The competition is divided into five matches, worth a total of seven points. After a pit has been dug and an aqueous solution of dirt concocted, the tug-of-war gives everybody a taste of mud. The sack race is a mass of squirming bodies; the mudeo itself consists of five two-man teams on each side, fighting piggy-back in the goo. Two-man teams also flop through the well-beaten muck in the wheelbarrow race, and for the last event, about 20 tires are thrown into the pit. They must be dragged to solid ground by

one class despite the forcible objections of their competitors.

The all-important position of judges is not neglected by the juniors, who award the long end of an invariable four-to-three score to the highest bidder. If a team has scraped together more money than its adversary, the issue has been decided, and rules become as flexible as Goldwater's tongue. Once the sophomores won the tug-of-war by attaching their end of the rope to a car; when the freshmen untied it, they, not the sophomores, were

disqualified for unsportsmanlike conduct.

The winning team not only has to raise a large amount of money (last year the freshmen contributed \$90 to the juniors' beer fund), but must also protect the judges from being dumped in the mud by the disgruntled losers. For anyone interested, the president of the junior class, Doug Holford, is now open to offers. Those who are above participating in such a dirty spectacle, should come to TP on November 10 and watch about 60 Techmen make fools of themselves.

Bonner Explains Facts of Cellular Life

Dr. James F. Bonner, professor of biology, presented "The Way of Life," the third installment of the Caltech Lecture Series, to a moderately large crowd in Beckman Monday night. He drew examples from his extensive research into the mechanism by which a single cell develops into an adult organism, conducted at Caltech in collaboration with Dr. R. C. Huang, research fellow in biology.

Bonner began with the basic facts of cellular life and went on to illustrate how experimentation has revealed the mechanism of development. It turns out that deoxyribonucleic acid, contained in genes which make up the chromosomes of a cell's nucleus, carry a code in the sequence of their constituent amino acids. This code is copied by messenger ribonucleic acid and transferred to the ribosomes, which turn out protein molecules according to the coded instructions.

Hairy Cells

DNA can also replicate itself, which accounts for cell division. Now comes the interesting point: cells of "higher creatures — peapants and people" — have the same amount of DNA, yet different cells produce different organs. Bonner concludes that all genes in, say, a hair cell must be repressed, or "turned off," except for those coded to produce hair cells.

This presents the problem of finding the repressing mechanism. With the help of their automatic pea separator, Bonner and Huang have isolated chromatin and proved that the repression mechanism in peas, and presumably in other species, is included in

the genes. Furthermore, they have found that the mechanism that "turns off" the gene is a histone molecule that forms a sheath around the DNA.

Physical Attack

Bonner then hypothesized that orderly development of the organism is triggered by certain hormones which preferentially "turn on" specific genes by physically attacking the histone sheath. To follow up, he presented a computer program and flow chart for the development of a single cell into a plant stem.

Page First On Interhouse

Preparation have already started for Interhouse Dance, the biggest social event of the year. The time between now and November 21, when the dance will be held, will be taken up with enthusiastic efforts of the members of each House to construct some sort of architectural masterpiece in their courtyard.

Page House has a head start on the other Houses because it has its theme selected and has already begun construction. This year Page came down from its mountaintops of last year and has selected the theme of "20,000 Leagues Under the Sea." The central structure will consist of a large squid and the Page lounge will be converted into a model of the inside of a submarine. The entrance to the lounge will be disguised as a hatch and several models of underwater scenes in the lounge will serve to complete the theme.

Freshmen Weigh Benefits and Consequences of No Grades

BY DICK TEZAK

With a decision due this Friday on whether Caltech will adopt the controversial new system of freshman non-grading, the general feeling of those who will be affected most, the frosh themselves, ranges from indifference by some to genuine enthusiasm for the change by the majority of freshmen. Among the latter, the consensus is that abolishing grades would help to relieve the tremendous pressures which the average frosh is subjected to in the transition from high school to college life. Many frosh who complain of having no time for anything except snaking argue that under the new system they would be able to devote increased energy to worthwhile extra-curricular activities, including inter-collegiate sports.

Most frosh, regardless of where they stand academically with respect to the rest of their class, feel that the new system would be more equitable for all concerned. "Freshmen come to Caltech with widely differing backgrounds," commented one frosh. "Those with the better

preparation are at a distinct advantage, which is reflected in higher grades. Eliminating grades for one year would allow time for each freshman to gain a more equal footing with the rest of his class."

Those opposed to the change contend that without grades, they will not know where they stand compared to other frosh. However, one of the features of the new system includes increased time for the individual frosh to spend with his counselor, who will keep him posted on how he is doing and help him with any problems he may encounter.

Aside from practical considerations, most frosh look upon the new system as a challenge — an opportunity to prove that they are mature enough to make it work. One frosh summed up this feeling by pointing out that "the Honor System has demonstrated that freshmen are capable of living under greater freedom than would be possible elsewhere. They should also be mature enough to accept the freedom offered by the new system of grades."

Notices

HAHVARD, ANWONE?

A representative of the Harvard Graduate School of Business Administration will interview interested students on November 4. The School is open to graduates in all fields. For further information, call H. N. Gilbert, 104 Dabney.

FORWARD WITH VIGOR

Anyone interested in working on the 1965 Big T is urged to contact Bill Broste in Ruddock or Tim Stephens in Blacker. Layout work is now starting, and typists, proofreaders, layout artists, — in fact all kinds of bodies are needed. Who knows? — you might even get in on the Big T staff's spring bash.

VIOLINISTS, VIOLISTS, CELLISTS

Come to the first meeting of the Caltech String Ensemble next Wednesday, Nov. 4, at 7:15 in the band room below Fleming. Undergrads and graduate students are welcome, with instruments. If you have none, we will try to provide some.

Editorials

No on Frosh Grades

All of a sudden everyone is surprised at the imminence of a possible change here that can have far-reaching effects: the elimination of recording frosh grades on the transcript. The move has been long in planning, but its very recent announcement, with the test of acceptance coming tomorrow, leaves one a bit dumbounded.

There are obvious points against such a plan. First, with the incentive of grades gone, what will make a frosh work as he should? Won't he run the risk of not learning vital material in required courses? Well, it may be uncertain whether or not the average frosh is responsible enough to work without the goal of grades, although he is expected to follow the Honor System on his own; but upperclass minds become clouded by two years of being here, and it is hard to think back when one had a frosh's initial enthusiasm: to preserve that enthusiasm is one of the goals of the plan.

The plan presupposes an excellent grade of instructor, who can effectively give the frosh the information he now gets from grades, but this person is now lacking in many cases, and it is not apparent that the situation will improve. Also one may ask, What about frosh who won't know they don't belong here until the middle of the soph year? and How will a frosh adjust to grade pressure that comes in the soph year?

These questions have no encouraging answers, but then no scheme can claim perfection. If releasing pressure on the frosh will allow him to expand non-academically, exploring things that the Caltech community offers that would otherwise take away valuable time; if this plan offers a hope for softening the atmosphere at Tech, for making room for "culture," then it should be tried.

There are many problems plaguing a technical institution, particularly the one of how to compromise between narrow, excellent technical training and broad, leisurely, inspiring (if relatively inferior) education. The present plan is a step toward the latter, and since it is destined for close evaluation in two years and possible scrapping then, it should be tried.

—Stuart Galley

Opinion on Frosh

(Continued from page 1)

provided by grades, and thus maintain incentive to study."

On this point there was some disagreement. The advisors would have to base their estimates of a student's performance on the reports — in some subjects — of TA's, themselves students. It was felt by some that the TA's do not have sufficient time or motivation to give the student evaluation required for effective counseling.

Moles

Guy Jackson, Senior Class president, raised another possible objection to the new grading scheme when he pointed out that such a flexible grading system "would permit students to become too specialized, especially in physics and math." Nearly all interviewed felt that, as a result of personal experience, freshman humanities courses "would be the first to go down the tubes."

Another objection was that frosh would tend to slough off in their studies, settling for mere passing grades in most subjects. "Some students," commented John Harkness, vice-president of Page, "will not be able to find a real motive for studying; these are the ones who will be hurt."

Doug Holford, president of the Junior Class, corroborated this viewpoint by stating: "There would be no incentive to do 'grind' problems . . . which are significant in mastering a subject."

Soph Dropouts

Others challenge the concept that the frosh will have adjusted themselves to college life by their sophomore year. "What if," asked one junior, "a freshman found in the beginning of his sophomore year that he had effectively earned straight D's in his freshman year?" Perhaps, as several Techmen felt, there can be no reduction in scholastic pressure for those freshmen mature enough to realize that they are seeking

an adequate background for their sophomore year.

This viewpoint is supported by Larry Sherman of Fleming: "The real problem is that non-physics and non-math majors are forced to compete with physics and math majors in their main courses. By not having letter grades, a student has no exact knowledge of where he stands at the end of his freshman year. A freshman's fear of how he might do during his sophomore year in graded competition with math and physics majors might even increase dropouts."

In spite of those who are opposed to the new system because they themselves had to bear the stigma of grades, the consensus is that the substitution of pass-fail for letter grades is a "good experiment."

Tickets On Sale For Soviet Cellist Shafran

Tickets are now on sale at the Caltech Ticket Office for Soviet cellist Daniel Shafran's concert appearance at Beckman Auditorium on Tuesday, December 1, at 8:20 p.m. The concert will be presented by the Caltech Committee on Institute Programs and Assemblies in cooperation with the Coleman Music Association.

One of the most widely acclaimed cellists of our time, Daniel Shafran was first introduced to American audiences three seasons ago in a series of appearances with the Moscow State Symphony. A graduate of the Leningrad Conservatory, Shafran made his debut with the Leningrad Philharmonic when only 11. The Western world first heard of the cellist in a *Time Magazine* article in 1957, on the occasion of his first appearance in Berlin. Said *Time*, "Shafran may have no equal among the younger generation."

BOC Explains Policy About Library Rights

To the Students of Caltech:

It is a well-known fact that the Caltech Honor System is based on the students not taking advantage of other students or the faculty. Unfortunately, it has become necessary to call the attention of the student body to a way in which we have failed to live up to this responsibility.

The Problem:

For many courses, particularly those of the Humanities Division, the libraries keep certain books on reserve which the student would otherwise have to buy. Having the necessary books easily available is a privilege and a convenience which should be kept in mind. We are free from fines; we are free to walk in and out without inspection. Whenever a student fails to return a book when due, whatever his reason, he is guilty of taking advantage of other students wishing to use the book. Moreover, if a student fails to sign for a book when he takes it, he is guilty of a serious violation of the Honor System. This problem has been increasing recently and it is apparent that something must be done.

The Caltech student body is exceptionally proud, independent, self-directed, and self-disciplined. We like to think that we, the students, are capable of handling from within any problems which arise concerning us, without the necessity of many rules, regulations, and faculty-imposed disciplines as are found at most other colleges. This attitude of basic honesty and self-motivation is evidenced in our working Honor System.

The Solution:

To solve the library problem and to avoid outside intervention, the BOC strongly urges each individual to take seriously the few simple rules of the libraries, and to obey them, thereby being fair to his fellow students and receiving fairness from them.

Through these means, we believe that the students can solve the library problem at Caltech and gain in return the obvious library benefits, freedom from supervision, and a feeling of self-respect which comes only from living successfully under a working Honor System.

The Board of Control



by J. C. Simpson

Just to show that this column isn't entirely prejudiced toward the Ice House, I spent last Saturday evening at the pleasant task of reviewing the Troubadour's present fare.

Featured act till November 2 is the Travelers Three. Appearing with them is Sandy Phelps, a female soloist with a guitar thrown in, and Fred Smoot, a comedian. Sandy Phelps opens the show. Her voice, deep and a little husky, is quite good and she does a fair job on the guitar accompaniment. She has a good variety of songs, the best of which is a new "rambling about this country" song. Fred Smoot is a hilarious and talented stand-up comedian who can really get along with an audience. His act got off to a little slow start but he quickly won over the audience with his impressions. When he asks the audience to suggest something—anything—for his interpretation, be sure and suggest an oral contraceptive. It took him aback Saturday night, but when he finally came up with an impression it was a truly great one.

The conclusion to his act is really a work of art. He stages an entire opera before your very eyes, performing the parts of a (drunken) soprano, the tenor hero and the bass devil.

The Travellers Three, if you have never run into them before, are a mothy crew that records for Capital. Vocally they can't compare with the Brothers Four or Chad Mitchell Trio, but they are still excellent. In addition they put more impromptu horsing around into their act than any group I've ever seen. This spontaneous on-stage joking makes the act highly enjoyable, and even though they interrupt a lot of songs with jokes, com-

ments and the like, they do an excellent job on straight numbers. The best of these Saturday were "Freedom Calling" and one of my personal favorites, the "San Francisco Bay Blues".

Overall it's typically good Troubadour fare a highly enjoyable, well balanced show with no "duds". The only debate with the Troubadour is whether an individual show is worth the \$12.50 admission on Saturdays and the one drink minimum (cheapest thing on the menu—75c for a soft drink). In this case it's marginal, but the coming attractions—Hoyt Axton, Glenn Yarborough, Bud & Travis, and Joe and Eddie—should all be well worth the extra money.

Right now the Ice House (still the best value around for the money and the convenience) is featuring one of their better package Shows. Lead act is the Johnson Boys, a bright, energetic group that do a lot of ragtime and up-tempo numbers intertwined with a constant patter of comic and satirical comments. The other two acts are Gary Parker, a comedian who specializes in "evisioning" things to satirize, and Steve Brainard, a midwesterner with a good voice and a great way with an audience.

Next up at the Ice House (starting next week) are Don Paulin, George McElvey, and "The Trio." It's advertised as a solid comedy act but Don Paulin at least is also a superior singer.

Last (and least), for those of your who like Smother's Brothers comedy, be sure to look into their next album. They were at the Ice House a couple of weeks back recording it, and they had a lot of original material that was truly hilarious. If they use the right stuff, this could be their best album ever.

—paid ad

GOLDWATER

For President

California Tech

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SPORTS

La Verne Downs Gridders 36-12

BY J. K. EVANS

LaVerne celebrated Homecoming by stomping Caltech's Beavers 36 to 12 at LaVerne Saturday afternoon. The Techmen struggled valiantly but a couple of injuries and unusual early-game jitters teamed with long bombs to defeat the Techmen, despite brave efforts by several frosh.

LaVerne utilized a well-balanced offense to grind out five TDs, three by air on identical pass patterns and two on the ground. CIT showed a typical one-sidedness in that all the good things came on the ground, though Tech did manage to pick up 49 yards in the air. The statistics tell the story once again: LaVerne rushed for 247 yards and passed for 133 while CIT ran for 115 and flew for 49.

Frosh

Tech standouts again cropped up among the frosh. Frazzini, showing a notable lack of agility and speed, nevertheless ran for 131 yards in 16 carries, an average of 8.2 yards per carry. He doesn't dodge too well; he just sort of lumbers along dragging tacklers with him. (Interesting sidelight: Frazzini's yardage total is greater than that of the team because Chapyak rushed for —28 yards.) Chapyak, after a terrible start, settled down and salvaged two last quarter touchdowns with poise and brute force (supplied by Frazzini).

Things started out pretty dreadfully with a CIT fumble on the first play and got rapidly worse. The LaVerne defensive line wreaked havoc for the first half. In the second half the Techmen revitalized themselves and produced a few blocks. Tech defense had its high points and its low ones. Highlights included fine hole-plugging by Jackson and Josephson and bruising secondary work by McWilliams. Baddies were most noticeable in the pass defense which allowed three TD passes on the same pattern.

Injuries

Perhaps a little of the Tech resurrection in the second half can be attributed to the sorry events of the second quarter. After a miserable first quarter which saw two LaVerne scores and CIT holding the ball for only five offensive plays, the Beavers were anticipating a long hard afternoon. To start the second quarter, LaVerne opened a passing attack; Dinius put on a heavy rush and was flagrantly clipped. He went off the field on a stretcher with a badly sprained ankle, but the referees hadn't seen any illegal block. And just at the end of the half, a nasty tackle put McQuillan in the hospital for a knee operation. These events, combined with a few choice words from LaBrucherie at halftime, no doubt served to inspire a little violence

in the souls of the most placid Techmen. Anyway, they finished strong.

Next on the schedule is Cal Lutheran. Never overpowering, the CL's have squeaked by the Techmen for the last two years and it's about time for a bit of table-turning. If Frazzini keeps rumbling and Chapyak learns to balance his attack by giving the ball to somebody else once in a while, the Beavers may add another scar to California Street.

The Bruise-by-Bruise

CIT received. On the first play Chapyak fumbled and LV recovered. LV opened a drive that went 34 yards for the TD with the payoff coming on a 9-yard pass over Powers' head. A pass for the P.A.T. was good. Tech received; Chapyak lost 10, passed incomplete, and Frazzini punted.

(Continued on page 4)

Ruddock First In IH Softball

Ruddock ran by their final three opponents last week, thus finishing their schedule with a perfect 6-0 record. Although the bunt proved to be a vital weapon, it was their speed that upset most opponents, with varsity track runners Brown, Gage, and Blumsack leading the merry sprint around the bases. A well-rounded team, with the finest fielding outfield of any team, Ruddock's only real competition came from Fleming. The strategy of Inter-house softball teams in the coming years will undoubtedly be affected by Ruddock's success this year.

Losers

Page won the last four games on their schedule, after losing to powerhouses Ruddock and Fleming for the runner-up position; without a doubt, Page was the most improved team this year.

Fleming routinely won their final three games, finishing up with a 4-2 record. Fleming probably had the best team, man-to-man, and would have wound up in first place but for one bad inning against both Ruddock and Ricketts. The one ingredient lacking was the ability to make the clutch play at the critical time.

The other teams suffered from lack of hitting. Dabney, Blacker and Ricketts possessed adequate defensive teams, but lack of offensive punch pushed each of them down in the standings. Lloyd's

Varsity Athletes

All varsity athletes must be measured for awards next Wednesday at 7 p.m. in the Lloyd Conference Room.

Last-Second Victory

The Caltech varsity water polo team started its conference season with two victories last week. Claremont-Mudd was humiliated before a home gathering on Tuesday. Later in the week, an incredible climax to an exciting game gave Tech the win over Pomona at the victors' home pool.

The CHM game was one-sided from the second period on. Tech's opposition was supplied by all sophomores, except for the goalie. John Walter contributed nearly half of Tech's goals, scoring five times. Other scorers were Rick Nielson, Pat (the mad lobster) Miller, and Walt Davis. When the game ended Caltech had won 11 to 1.

Thriller

Pomona proved to be more of a match for the ever-improving webmen. With only seconds remaining, the score was tied at 6-all, Caltech dominating the first half (leading 5-2 after two quarters), and Pomona bouncing back in the third period. But, as the timekeeper was preparing to squeeze the trigger, signaling the end of the contest, John Walter fired a hook shot past Pomona's goalie, setting off a roar from the home crowd that could be heard across California Street. Walter had already scored a goal, but scoring honors went to Rick Nielson, who tallied five times.



—photo by Bill Boyd
Caltech's rugged soccer defense closes in on a Cal Poly (Pomona) attacker. The undefeated Beavers scored a goal in the first half and won it 1 to 0.

Harriers Meet Claremont; Frosh Win, Varsity Lose

The Caltech frosh cross-country team ran to their second victory of the season, while the varsity lost in competition against Claremont-Harvey Mudd on the Mount San Antonio College course last Friday.

The varsity lost their second meet but ran better than they did against Redlands. Pete Cross ran a very fast second half to win in 19:42 on the mountainous 3.6 mile course. Bob Miller and Larry Dillehay were fourth and eighth with times of 20:52 and 21:32, respectively. The final score

(Continued on page 4)

The frosh got off to an early lead despite the fact that they didn't have long to warm up. No one had told Caltech that the meet was at Mt. SAC and the CHM coach insisted that the race start at four, which gave some of the frosh only enough time to get into their uniforms. Bill Putman ran to an easy victory in 11:40 on the 2.2 mile course. Mike Meo, Dave Kolb, and Steve Poltrock finished second, third, and fourth respectively. The final score was 18 to 37 in favor of Caltech.

Cross Wins

defense proved to be almost as bad as their hitting.

Final Standings

House	Won	Lost
Ruddock	6	0
Page	4	2
Fleming	4	2
Blacker	3	3
Ricketts	2	4
Dabney	1	5
Lloyd	1	5

Next Week's Sporting Events

Date	Time	Event
Fri. Oct. 30	8:00 p.m.	CROSS-COUNTRY: Whittier at Caltech
Fri. Oct. 30	8:00 p.m.	FOOTBALL: Cal Lutheran at Rose Bowl
Tues. Nov. 3	2:00 p.m.	SOCCER: Biola at Caltech
Fri. Oct. 30	4:00 p.m.	Varsity Water Polo: Redlands at Redlands
Sat. Oct. 31	3:00 p.m.	Varsity Water Polo: Univ. of Pacific at Caltech
Tues. Nov. 3	4:00 p.m.	Varsity Water Polo: Occidental at Caltech
Fri. Oct. 30	5:00 p.m.	Frosh Water Polo: Redlands at Redlands
Tues. Nov. 3	5:00 p.m.	Frosh Water Polo: Occidental at Caltech

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Football

(Continued from page 3)

LV drove from their 49 to a TD in 13 plays with the QB going in from the one. The kick for the P.A.T. was good.

After kickoff and two one-yard losses, Chapyak hit Levinson for 22 yards but a violent tackle shook loose the ball and LV recovered. After damaging Dinius, LV punted; CIT started a drive with Frazzini picking up 14 but it died when Scott dropped a third-down pass. LV took the punt on their 47 and drove for the score, finishing with a 23-yard pass over Powers. The kick was a good and LV led by 22.

Tech received and punted; LV fumbled and Jackson recovered. Chapyak's first-down pass was intercepted, then Blackinton intercepted a LV pass. McQuillan caught a Chapyak pass and was injured on the tackle. Then Frazzini broke over right tackle for 36 yards and 14 more as the half ended.

Second-Half Bruises

LV received in the second half and drove 71 yards in 9 plays, scoring on a 4-yard-line plunge. The kick was good. Tech received and punted. LV then drove 74 yards in 10 plays capped by a 22-yard pass in the same place, erasing a fine tackle by Guffrey that cost LV 7 yards. The kick was good and LV led 36 to 0.

CIT received and began to drive with Frazzini going for 15, 12, and 5; the drive stalled when he went out with a slight concussion but was revitalized by a roughing-the-kicker penalty. A tackle-eligible pass to Harley gave CIT a first-and-goal on the 3 and Brennan bulled over. Myers' kick was no good.

LV received and tried to punt but a bad center gave CIT the ball on the LV 11, from where



Brewins



Racketty House's Ratturd, Ixass, and Annes demand equal time for their TJournal, starting from the Jerckhoff Marines' base at Corrode del Mars. The only way to watch Jai-alai-mugubu is to quaff Techkeela between games. There were nine games. And three bombed Techese. And thence our heroes stumbled onto some joint — Blew Foxed or Pink Pussy or something like that. Someone asked them if they wanted to buy some clean cats. People were trying to sell them cats all night long.

After providing some entertainment for other cat lovers, they wended on back, but Ixass,

Frazzini bulled over in three line smashes. Myers' kick was no good and the score was 36 to 12. LV received and punted. CIT opened a drive with a Chapyak-Blackinton pass for 10 and two Frazzini bucks for 8 apiece but stalled. LV took over but fourth-down pass fell incomplete, although the receiver was wide open. CIT took over but punted. LV punted and the game ended as a Chapyak bomb was intercepted.

Debate

(Continued from page 1)

first Senate race, and continued with the cover-up tactics of the administration on the Estes and Baker affairs. Walter Jenkins' security value was also questioned because of the possibility of blackmailing him. Johnson's supporters based their counter-arguments on the lack of proof of the above, and also mentioned past Goldwater association with certain gangster elements.

being great with fluids, and finding no public relief, accommodated himself in a doorway, unfortunately under the eye of the law. Up steps Don Fuzzo: "You Pepe in el door, no?" Ratturd leaps to Ixass's defense, explaining Infirmio in Kopf, and flashing monotonically increasing samples

of U\$, but to no avail.

Finally, after a long hassle, the constable relented. While our heroes were sneaking off, El Fuz-

zo changed his mind and tooted the whistle, whereupon the trio traded jackets and split. Ixass scooted over to a pair of Americanos on the other side of the street, and was greeted with a pair of switchblades. The quick-witted one calmed his acquaintances' fears by saying: "Don't sweat it. I'm only running from the cops!" Despite their cleverness, our heroes did indeed get back to the world made safe for Democrats.

Harriers

(Continued from page 4)

was 23 to 34 in favor of CHM. The next meet for the harriers will be tomorrow at 4:15 on the home course against Whittier. It is reported that Occidental has withdrawn from the meet for unknown reasons.

—paid ad

Yes on 14

welcome to the
Campus Barber Shop
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haircuts \$2.00
Three Barbers to Serve You
8 to 5:30 Monday - Friday
Paul A. Harmon

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Gary Parker
Steve Brainard
Starting Next Week:
Horizon Recording Artist
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plus The Trio
George McElvey
at the ICE HOUSE
Pasadena MU 1-9942

Goldwater Defeated In Y Mock Election

Presidential candidate Goldwater took a beating in the YMCA-arranged pre-election poll conducted recently on campus. The poll also showed that as a whole undergrads, grads, faculty, and employees opposed proposition 14, 15, and 16; and supported Pierre Salinger for U.S. Senator in California and Kenneth Keating in New York. (Note: In a poll reported in the November 3, 1960 issue of the Tech, Nixon trounced Kennedy.)

For Numerical Analysts:

Overall results were: Goldwater-Miller with 411 votes, Johnson-Humphrey with 953 votes; and 101 undecided out of a total of 1465 ballots received. Salinger beat Murphy 725 to 532, with 205 undecided; Keating defeated Kennedy 683 to 531, with 239 not voting; and propositions 14, 15, and 16 were defeated 858 to 492, 973 to 304, and 902 to 380, respectively. Of those polled, 499 were Democrat, 498 Republican, and 456 independent.

The results broken down into categories of undergrads, grads, faculty, and employees are:

	UND.	GRAD.	FAC.	EMP.
PRESIDENT				
Johnson	294	203	188	208
Goldwater	151	61	24	175
Undecided	27	8	9	57
SENATE, CALIF.				
Salinger	216	158	154	197
Murphy	166	82	48	236
Undecided	86	32	19	67
SENATE, N. Y.				
Kennedy	162	92	75	202
Keating	230	136	99	219
Undecided	69	44	47	79
PROP. 14				
Yes	143	53	24	272
No	280	204	192	182
Undecided	28	8	4	28
Uninformed	21	7	1	18
PROP. 15				
Yes	55	37	22	190
No	345	205	180	241
Undecided	32	15	11	43
Uninformed	39	15	7	26
PROP. 16				
Yes	165	50	23	141
No	222	201	177	301
Undecided	28	6	9	20
Uninformed	56	15	11	38
PARTY				
Democrat	153	98	103	179
Republican	119	84	59	202
Independent	189	90	45	45

Why bother with a Glass?

You don't *have* to pour Budweiser into a glass. But we think you're missing something if you don't.

Take that fine head of foam, for instance. It's worth bothering with a glass just to get to see it.

But looks aren't everything. Letting those tiny bubbles get organized at the top of your glass has a lot to do with *taste*, too. Most beers have carbonation pumped in mechanically. Not Budweiser. We go to a barrel of trouble and expense to let Budweiser create its *own* bubbles with our exclusive Beechwood Ageing . . . with *natural* carbonation.

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