Debaters to appear on ‘Big Debate’

This Sunday night at 8:00 p.m. TCOOP will go head to head in the third time on “The Big Debate” on Klas, channel 13. Club will defend the affirmative to the question, Resolved: That euthanasia should be legalized.

Two weeks ago, Andy Perga and Ken Scholls defended Robin Hood again USC (Resolved: that Robin Hood is a villain), but lost due to a lack of understanding the definition of the term villain. On Tech’s first appearance, Scholls and Tom Morton debated the affirmative against Loyola onResolved: that teachers in Los Angeles are overpaid.

Two more appearances are scheduled; one on April 28 and the other on May 19.

Annual Senior Ditch Day mixes original, trite by Jim Cee

Traditional Senior Ditch Day “festivities” were observed on Wednesday, May 3, in preparation for Senior Day, due to arrive that evening, which had deserted the campus for no more than three years.

(a) Entering freshmen, in order of geographical distance from their homes, up to 25% of the resident membership of each house.

(b) Former residents returning from a leave of absence (finances, health, involuntary military service), as determined by the Master of Student Houses to maintain the balance of a house by classes.

(c) Former residents returning from a leave of absence (finances, health, involuntary military service), as determined by the Master of Student Houses to maintain the balance of a house by classes.

(d) Emeritus Seniors, Juniors, and Sophomores who have occupied rooms continuously since their admission to the student houses for no more than three years.

(e) Returning students (junior-senior) must submit their essays to Prof. J. Kent Clark in 303 Dabney by Monday, April 22, in order for them to be considered, according to the Humanities Department.

The essays are to be 1,200 words long, and must be based on a subject. The essays are expected to discuss J. P. Marquand’s “H. M. Pulham Esquire”, A. J. Cronin’s “The Edge of the Wind”, and Bernard Shaw’s “Pygmalion.”

One prominent associate of Gordon’s summed up the reason for his friend’s popularity: “Sandy is a skillful teacher, and he has a rare aptitude and enthusiasm for model radio.”

Don Meyer, Howard Bloomberg, and Mike Miller will join the debate.

Gordon will go to UCLA by Mike Miller

Caltech undergraduates were saddened recently by news that one of their favorite instructors is leaving the Institute at the end of this year, Basl Gordon. PhD 36, will take on the position of Assistant Professor of mathematics at UCLA next fall. Prof. Gordon is a non-resident member less than a year young. I can’t help but look forward to becoming a regular figure on the campus, earning the high regard of students and associates.

Jarrico’s ‘Salt of the Earth’

The film “Salt of the Earth” will be shown as a special program of the YMCA on this coming Wednesday, April 17, at 7:30 p.m. Darby Lounge. At this time there will be a discussion about the filming of this picture and how it has been used for the purpose of teaching social concern. No charge.

The plot concerns a strike by the miners who organize into a union in protest to poor working conditions and salaries in the mine where they work.

Paul Jarrico, a producer of the movie, will give it and a question period following the showing. The YMCA in sponsoring the film hopes to stimulate interest in two areas of social concern: the first, the idea of minority rights and the place of unions, and secondly, the question of censorship of so-called ‘controversial’ material.
Life magazine sparks troops as Ditch Day gets under way

By Brad Elson

It is Thursday morning in Pasadena. A tired looking Freshman emerges from Ricketts lounge, meeting two well dressed gentlemen, loaded with photographic equipment.

1st Gent: "Hello. My name is Bill Bridges, and this is Ralph Kruts." Freshman (unenthusiastically—he has an eight o'clock math test): "Yeah. Glad to meet you." 

1st Gent: "When's the fun start?"

Freshman: "Huh!"

1st Gent: "Not, you, son of himself now. 'This is the day you fix senior's rooms, isn't it?" We're from Life, and we were supposed to take picture and..."

(The Freshman suddenly awakes to the outer world. Of course this is SENIOR DITCH DAY! Somebody mentioned it at breakfast. He hadn't planned to attack any rooms, but now that life was here, well, it was his duty to stack rooms. This was his chance to prove to 50 million Americans that Tech men were just as normal and destructives as any undergraduates, if perhaps a bit cleverer.)

Freshman: (bursting with fake enthusiasm) "Men, you guys sure came to the right place. All right! We've got some real stuff planned, all right! But, just wait till this afternoon, huh? Well, we'll be back later." (The two photographers leave rather hurriedly.)

"Let's see. We can block off someone's door, and move a guy's whole room out in the courtyard, and fill someone's room with sawdust."

1st Gent: "A bit surprised at the sudden ferocity of the natives. "Things don't get going till this afternoon, huh? Well, we'll be back later."

(Continued from page 1)

Charlie Anderson's room with the Larry Whitlow and "Gook" Furumoto had their rooms scenically decorated, Furumoto with a Hawaiian scene and Whitlow's with an inch of sand under way. Problems were, if perhaps a bit cleverer.)

Bob Marshall found his room full of concrete and Dick Kaufman found his refrigerator in similar condition. Cavour Tech's room was filled with chicken wire and metal tubing. Baird's room and E.T. Scott's left a table with a bottle and a quotation "Eat, drink, and be merry."

The table was not disturbed, but nothing else was left and the quotation was changed to "Thou shalt not tempt..."

Ricketts senior Dick Hundley returned to find his room filled with furniture, and Frank Kofsky found four feet of sawdust in his, much to his disgust. Several seniors' rooms were moved, Jerry Swedlow's and Tom Dodge's to the courtyard, Jim Workman's to the tree in the courtyard and Sue Richert's to the Snake Alley head.

Rube Moulton's bed was hung out the window, and Gary Breitbard found his medicine cabinet full of gelatin.

DITCH DAY

COLORADO

"RICHARD III"

UPTOWN

"FULL OF LIFE"

"WINGS OF THE EAGLE"

UNITED ARTISTS

"The Man Who Turned to Stone"

"Zombies From Moraton"

STATE

"THE KING AND I"

"FRIENDLY PERSUASION"

STUDENTS! MAKE $25

Do you like to smoke? Here's some easy money— "It's Toasted" to taste better... cleaner, fresher, smoother! (Continued from page 1)
Caltech freshmen are frequently confused.

Last week's letter to the editor is an enlightening example of the effect that Caltech has on many freshmen.

"I dislike the way the Institute runs our lives... Each professor attempts to work his students to their capacity. Coupled with the fact that the atmosphere of the school is that of the lack of integration among the various departments... Another consequence is the mess which is the housing situation."

The editors chose to delete the remainder of the letter, which referred to the sex lectures as an indication that the Institute is now trying to direct our sex. It may be observed that this freshman is not aware of many of the activities of the campus. But how many freshmen are?

His first and most valid complaint is that our academic program becomes a grind. Every freshman finds that his courses soon lose their flavor, and most students invariably try to explain the problem. Most of these explanations involve either inadequacies of the instructors, poor curriculum, or bad campus atmosphere.

But somehow, when he becomes an upperclassman, he will probably find the situation bearable, and will cease to complain quite so violently. Why? What is the big change?

For one thing, upperclassmen are definitely more interesting, and they are more likely to be able to see a point toward which each study leads. Also, students begin to get the "feel" of the campus after their first few years. They develop friendships with faculty members and contacts with the multitude of clubs and activities that begin to show some signs of becoming a rewarding experience.

But this does not excuse the problem of our freshmen. The fault clearly lies in two areas—student orientation and undergraduate curricula. The responsibility for the first may well rest with the students. The second clearly rests with the faculty and student-faculty relations.

The present full freshman orientation (student camp, initiation, etc.) is reasonably successful, but the program stops too suddenly and quickly. The whole process is crammed into three frenzied weeks, and then the dazed freshman is left to stand spellbound and alone, until some two terms later he realizes it is all over and starts the long road back to reality.

Meanwhile, despite a tremendous initial impetus, his interest in his courses comes grinding to a dead stop. He finds he has very routine humanities courses; his instruction in basic sciences is handled mostly by workmen, inexperienced graduate students, his courses are poorly related to each other.

The off-campus man is in an even worse position. He has an even poorer orientation and much less chance to join student activities. He sees the campus at its worst—the day camps.

"It's all right," the disgruntled sophomore is told. "Things will be better when you're older."

But it is not all right. Not when several hundred somber and disillusioned men are wandering around the campus, setting a forlorn stamp on the atmosphere of the school.

This situation has apparently existed from time immemorial, but that fact only makes the problem so much more grave. The trend in both the student and freshman problems should be the immediate concern of the whole Institute community.

A Minority Report

Ditch day has come and gone. The ingenious pranks, recorded for posterity by Life (yet somehow reminiscent of previous years), are all completed and the rooms are all restored to their original conditions. Almost, that is.

What does it matter that here and there a senior slightly smirks as he proceeds to arm his roommate with a moneyed treasure of the destroyed variety? What does it matter that odious remark is smiled at, unnoted by immaturity, but observed by Spouse and Dormitory, or that public criticism of individuals has been occasioned?

After all, tradition has been maintained. And, as the most active underclassman, I shall try to do my bit to see that the next generation of freshmen are as well prepared for divorce with money as the preceding one.

Sure, this means that there will not be near enough good ideas to go around, but it is the spirit of the thing that counts. Yes, it is the spirit of ditch day that must be maintained.

Mike Green

ASCIT Secretary

Proposed Budget

Tentative budget of ASCIT for fiscal year 1957/58

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<th>Income</th>
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<tr>
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</table>

| Total Income | 14,067  |
| Total Expenses | 10,767  |
| Surplus | 3,300   |

BUDGETS

The ASCIT Board recommended to the Student-Faculty Relations Committee a subcommittee to consist of six students and one faculty member of the board to discuss the question of an educational policy. The board members may work with the subcommittee of just sit in on the meetings in order to keep themselves informed. The subcommittee shall be a permanent organization with the purpose of representing student opinion, coordinating the ideas and problems of the students, and presenting these ideas and problems in a logical, constructive form to the Student-Faculty Relations Committee. The six members of the subcommittee are Swedlow, Kofsky, Ferg, Carmichael, West, and Lang.

RED FORMS

The ASCIT Board of Directors has recommended that all Red Form applications must be initialed by L. A. Wilshire bolacksky, served to the Hoffnau's office before next Friday. This constitutes an unlimited contract with the Angel City's Deluxe room on Fourth Street, California to win this honor.

Mike Green

ASCIT Secretary

News that the reassembled trio of Hump Hawes, Fury West Coast-based piano player, was planning to appear as an opening act for the main group, Red Mitchell Quartet, was announced by the ASCIT Board of Directors.

"We're looking forward to seeing Hawes and Fury in action," said Mike Godfrey, writer of letters to the Editor. "They're both great musicians and will add a lot of excitement to our program."
Two years ago, college senior Thomas Wheeler asked himself this question. Today, a Systems Analyst in IBM's Data Processing Division, Tom revises his experience and gives some pointers that may be helpful to you in taking the first step in your most important professional career.

Why Tom chose IBM

How does a senior like Tom, who was interviewed by at least twenty companies while in college, select his future employer? “In my case,” says Tom, “the choice was easy. IBM offered the best opportunities. I knew IBM sales were about doubling every five years—and when IBM saw the tremendous potential growth of the electronic computer field—I had no trouble making up my mind.”

Tom was impressed by the caliber of IBM personnel. They had a broader outlook and an approach to business which I can best describe as professional.

“My future? It looks good—very good. I've already received two generous offers in less than two years, and at the rate IBM and the electronic computer field are expanding, my future is both assured—and interesting.”

IBM hopes this message will help you to give some idea of what it's like to be a Systems Analyst in the Data Processing Division. There are equal opportunities for E.E.'s, M.E.'s, physicists, mathematicians, liberal arts majors, and business administration graduates in IBM's many divisions—Research and Development, Manufacturing Engineering, Sales and Field Service. If you lived in Denver, or New York City, or just about anyplace, there is a good job open for you in IBM today.

At the center of IBM's 650 business which I can best describe as professional.

For the past six months, Tom has been working with the Statistical Services Division of Headquarters Air & Research Development. He says, “The job I am doing now is the most efficient operation for an IBM magnetic drum computer. Bellwood, Tom points out, "is the Inventory Control Center for all the IBM systems in the world—"a computer that is twice as fast as the computer that sold the company in 1945."

"Why Tom chose IBM"

by K. Seghara

Last week the Barfly was invited to dinner and was surprised to find a full seven course meal served with all the trimmings. This brings us to the feature of this week's column: "The Barfly."

They must first have the right to protest and raise a voice. It may be a little unusual for a woman to take action, but she represents the face of the movement. She is one of the many women who have taken part in the struggle for women's rights.

In the face of opposition, she is determined to continue her fight. She knows that the struggle is far from over, and she is determined to keep going.

Mrs. Seghara is a member of the Women's Liberation Movement, and she is working tirelessly to bring about change. She is involved in many different organizations, and she is always ready to lend a helping hand.

Her dedication is an inspiration to all of us, and we are grateful for her work. Thank you, Mrs. Seghara!
The Fair Sec's

by Brad Elston

This week's Fair Sec isn't. That is, she isn't a secretary; she is a teacher. She is quite different. Miss Mariann Geyer is a scanner.

A few days ago, she was seen in the hallways of Bridge, busily scanning photographs for stray homework assignments. A friendly, smiling girl (lovely smile), she was quite busy scanning long enough to be interviewed. Here are the results of that exciting interview.

Mariann is a transplanted Kansas, who has preferred California for the past ten years. A PCC student, she is studying to be a bacteriologist, if she doesn't get married first. In her spare time she likes to dance and wear Ivy-league clothes (her skirt had a real buckle in-the-back).

Unattached

Somehow, Mariann has never gone out with a Tech undergrad (poor girl), despite the fact that she is yet unengaged and not steady-dating. This is a real shame; considering her bouncy, pony-tailed vivacity. These she sits in the basement of Bridge, just waiting to be spirited away from the clutches of the PCC boys. Semi-final statistics: height, a ft. 6 in.; brownette, 19 years old.

JAZZ (Continued from page 3)

the set has ended so soon, or In James Clay's statement, "Man, like this is the first time I don't look forward to the breaks." Even more significant, this spirit has been communicated to the audience, helping to overcome the barrier of apathy that, unfortunately, usually exists between audience and performers when jazz is played in night clubs.

This concern with intangibles such as "group spirit" gives indication that Red is a thinking jazzman as well as a feeling one, an indication that prolonged conversation with him does nothing to dispel. From the outset he makes it plain that the quartet is more than just another group and their work more than just another job: the Red Mitchell Quartet is a pleasant and meaningful musical unit.

The conception calls for evolution—within the jazz mainstream—and the quartet does its work with enough understanding to achieve a variety of musical ends.

The spirit of jazz is combative. The ever-present problem of unity is a very real one. Indeed, it is a very large one. Their conception calls for evolution—within the jazz mainstream—and the quartet achieves in a variety of manners.

The spirit of jazz is combative. The ever-present problem of unity is a very real one. Indeed, it is a very large one. Their conception calls for evolution—within the jazz mainstream—and the quartet achieves in a variety of manners.

"We're really trying to do everything and we have the capabilities to do it." "Doing everything," as Red puts it, does not mean emasculation, only a program of self-consciously experienced concept which, to some degree, has characterized jazz from this area: "I feel experimentation should be a peripheral thing. It shouldn't be the essence of the conception of a jazz group."

We don't mean to imply that the approach of the quartet to jazz is a static one. Indeed, nothing could be less true. Their conception calls for evolution—within the jazz mainstream—and they achieve in a variety of manners.

Choice

Vive la femme! And vive le homme also, and all the rest! Hurricrnes have predatory habits. Hurricanes can leave you broke, dejected... Hurricrnes attack when the least expected. Hurricanes perform in fits and starts. Hurricanes have predatory habits.

Choice

"These you're like! Arrow University oxford shirt in white, solid colors, and pencil-line stripes. Everything tailored in the true Ivy tradition. The collar buttons down in front and come back (Arrow's button place is given a more natural collar roll)... full length box pleat in back. Arrow University, $5.00 up. Choice of foulard pattern ties, $2.50.

ARROW

—first in fashion

SHIRTS • TIES

New

Ivy-Right Arrows

These you're like! Arrow University oxford shirt in white, solid colors, and pencil-line stripes. Everything tailored in the true Ivy tradition. The collar buttons down in front and come back (Arrow's button place is given a more natural collar roll)... full length box pleat in back. Arrow University, $5.00 up. Choice of foulard pattern ties, $2.50.

Nash's

141 East Colorado Street, Pasadena SYcamore 6-0181

Thursday, April 11, 1957 T H E C A L I F O R N I A T E C H Page Five

IT'S FOR REAL!

by Chester Field

STORM WARNING

Hurricanes are moody, temperamental; Hurricanes perform in fits and starts. Hurricanes have eyes serene and gentle; Hurricanes have predatory hearts.

MORAL: Vive la femme! And vive le homme also, and all the rest! Hurricrnes have predatory habits. Hurricanes can leave you broke, dejected... Hurricrnes attack when the least expected. Hurricanes perform in fits and starts. Hurricanes have predatory habits.

Take your pleasure BIG!

Chesterfield King gives you more of what you're smoking for!

"This is real brands of shopping, Holy Cross College. for Chesterfield King. Before you nuzzle, were named national. Chesterfield, P. O. Box 21, New York 48, N. Y.

© Lazard & Sherman Tobacco Co.
Some courses are unpleasant, some are nauseous, some are repugnations against the laws of God and man—and then there is EE 4B.

There are two kinds of courses. First there are those which are particularly pertinent to the field of endeavor you are pursuing. Then there are those which merit some attention from everyone who is an engineer, indeed, from everybody in general (I call the culture courses). It is hard to see why EE 4B fits into either category for a physicist.

I doubt very much that knowledge of such things as T circuits, autotransformers, polyphase induction motors, and those confounded three-phase windings is of any value to physicists. I should think it would be sufficient to know that there are such things as motors and transformers, to know very roughly how they work and what can be done with them, and to be vaguely aware of the fact that there are more than one type. Why prospective physicists should be burdened with innumerable uninteresting details, I do not know.

Perhaps it is good to be made aware of what we do or do not like, but it did not take a whole term for the discovery that I do not like motors.

Not a culture course

EE 4B can not be readily defended as a culture course either. Why on earth is it so important for an educated man to know much about motors beyond the fact of their existence? It would be nice if we had the time to study motors; it would be nice if we had time to study every subject. But it is impossible. We must concentrate on what we consider to be the most important. And I can not see that motors are so important as to warrant four hours a week for ten weeks as the catalogue would have it.

Then there are those little things that make a course more palatable—good instruction and a good text book. I can not say very much about the instruction. I fell asleep during the first class and did not go again for the rest of the term. Getting up before eight o'clock did not make the class particularly enjoyable. Perhaps the instructor got the clue when the troops showed up one morning in bathrobes with cups of coffee in their hands. They did so not only in protest of eight o'clocks in general, but also in protest of the fact that the instructor saw fit to boost attendance by threatening to lower the grades of unexcused absentees. Actually I do not want to place much blame on the instructor. Considering the subject he had to work with, it is a wonder he survived at all.

Ambiguous and difficult

The textbook can be summed up in a few words. The language is ambiguous and difficult to understand. The situation is made appreciably more difficult by the fact that there are frequent references to equations, illustrations, or paragraphs in other parts of the book which must be followed up if the material is to be understood at all.

To tell you the truth, all I got out of the course was an opportunity to rant and rave about something in the California Tech.

The flying U. S. Air Force is a team of men who command the aircraft and men who plan the attack. These are the pilots and navigators, both equally important to the defense of America.

**The Bull Pen**

by Ford Holzman

Some courses are unpleasant, some are nauseous, some are repugnations against the laws of God and man—and then there is EE 4B.

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Sam Taber

—or why you don’t pay more for gasoline

"The oil companies have come up with a lot of advances to meet competition and keep customers.

"Nothing, it seems to me, illustrates this better than the efficiency of the transportation system they’ve developed.

"If you were to mail a gallon of gasoline from Los Angeles to Seattle, for example, you’d pay 82c postage.

"For 59c less, Union Oil finds the oil in the ground, sinks a well and pumps it out, pipes it to a refinery, converts the crude oil into gasoline, pipes the gasoline from the refinery to the terminal, moves the gasoline by ship from one port to the other, where a truck picks it up and delivers it to your neighborhood service station.

"We transport a barrel of crude oil 665 miles for about 3c a gallon."

Sam Taber, our Senior Pipeline Engineer, estimates the petroleum companies move more than 4 billion barrels of crude oil and finished product a year by pipeline.

"We then put it in your car, wash your windshield, check your oil, tires, battery and radiator, brush out your car and carry your account for a month before sending you a bill.

"All for 23.1c, if you deduct the 9½c Federal and Washington State tax on a gallon of gasoline which we collect to build roads.

"On the average, a barrel of Union Oil crude moves 665 miles between the time it leaves the ground and goes into your car as gasoline. Our handling and transportation cost for this trip is about 1c a gallon.

"That’s the world’s biggest transportation bargain. And one reason why gasoline doesn’t cost more than it does."

This unique method of moving goods to market was perfected by the oil industry. As was the tank car, the tank truck and the tank ship. It is the lowest cost transportation system in the world, developed by an intensely competitive industry to keep its prices down.

"THE COMING OF COMPANIES have come up with a lot of advances to meet competition and keep customers."

Sam Taber, our Senior Pipeline Engineer, estimates the petroleum companies move more than 4 billion barrels of crude oil and finished product a year by pipeline.

YOUR COMMENTS ARE INVITED. Write The Chairman of the Board, Union Oil Company, Union Oil Building, 617 West 7th Street, Los Angeles 17, California.
Tech mermen lose to Tigers
conference championship

Caltech's swimming hopes took a turn for the worse as the invading Occidental Tigers defeated the Beavers 45-41 last Friday at Alumni pool.

Occidental's depth proved the deciding factor; Rees was the only Tech swimmer who could match Oxy's freestylers and he could swim no more than the maximum three events. Although Caltech took the medley relay, 220 and 400 freestyle, the breaststroke, and the freestyle relay, the Beavers could not gain enough points to place the victory. Oxy brought in three seconds and third place with a 1.000 average. Tech was first in the 220 freestyle, Rees.

The Beavers lost 10 men stranded while the Oxy power hitters batted .350 off three slants of John Walsh and Sam Trotter for 13 hits, including two triples and a double. The only extra-base blow for Tech was first baseman Lance Wallace's run-scoring double to left in the top of the eighth. Quick lead.

Oxy jumped off to a 10 lead. In the first inning on a hit batter, a single, and a daring steal of home. In the third, the gap widened to 5-0 on a pair of cheap Texas Leaguers, one solid single, and two costly Oxy errors, making three runs off Walsh, unearned. The Tigertailers put the game in the bag in the fourth, with a triple, double, and singles and a pair of walks giving them a 5-0 lead. The Beavers finally hit the clutch in the eighth, when catcher Dave Blakemore singled, Bob Golden forced him, and Walsh got on by an error, setting the stage for赫n Har- tung's rule-scoring infield out and Wallace's fly-ball double. For two league games to date, Tech drowns Oxy swimmers.

In a game marked by Tech's inability to catch the Occidental freesh off their field with a 1-3 league victory in last Saturday's meet. Davis Tucker and a Cub were entering the last lap of the 440 freestyle when they reached the final rope, while Tech was at the end of a half lap before the finish. Normally both swimmers would have kept going to the completion of the pool and returned to the race, but Dave stopped, having lost count of the laps, and the Oxy man stopped too. Finally, after much screaming by both sides, the two men continued, and Tucker won by a foot, which was the lead he had when he stopped.

Big guns of the afternoon were Wally Stolz who won the 200 backstroke and was in the winning medley relay and Don Vest, also in the medley relay and winner of the 200 breaststroke. Blakemore is the team's leading hitter, with four hits in eight trips for a .500 average. Walsh leads in the field, accepting seven chances for a 1.000 percent.

Saturday the Beavers meet Redlands and Wednesday they meet Whittier in a return match, both on the Tech diamond.

The swimmers told the squad that the Vienna Opera House was being converted to a make-it-up-as-you-go-along jazz, and the Vienna teenagers went into dislocations. His biggest hit, of course, was "You Ain't Nothing but a Volkswagen."
### Sports Beat

**Tigers smash varsity twice**

The Tigers of Occidental College handed the Tech nine two defeats on the Tournament Park diamond last Saturday to give the Beavers a 9-4 record in conference play to date.

In the first game Oxy right-hander Dallas allowed only four hits as his Tech foes won 8-2. Ed Nelson was the loser, giving up seven safeties. There were four Tech errors.

In the second game the Beavers’ hitting improved as they took pitcher McFadden for ten hits, but were able to score only four runs. Tony Howell also gave up ten hits, but Oxy capitalized on them to the extent of eight runs. However, there were two Tech errors and a passed ball while the Tigers made no slips.

Both games were marked by Oxy fielding excellence, their infield turning in some really fine plays. The Beavers’ fielding also showed improvement over past games, while hitting lapsed. The absence of Ed Berry undoubtedly hurt Tech both defensively and offensively. In the second game the Tigers finally realized the third of four conference double headers to be played by Tech, this time at Redlands. The first game will start at 12:30.

**Bulldogs bulldoze Beavers to first conference loss**

Led by Ray Manion in the distance races and Denny White in the sprints, the University of Redlands track team ran away from the Tech squad last week for a 101-25 victory. In a conference meet last Saturday — the winner’s trophy.

Bob Emmerting, Chuck Luek, and Larry Kraus have the distinction of being the only Beavers to take a first place. Emmerting won the half in a creditable 5:58.8, his best time of the year. Landlord made a good show at Tech still burning strong by winning the event at 178 ft. 6 in. Kraus tied Johnson of the Bulldogs at 6 ft. 1 in. high in the high jump.

**428.2 mile**

Some of the more notable winning marks were posted by Manion, who won the mile in 4:26.2 and the two mile in 9:55.5. Tony Leonard ran the sprints for the first-time this year and came in second. He stuck close to Manion for three and one-half laps, finishing with a 4:30.4. Ron Forbes ran his best quarter of the year in 51.4, but managed to take only third behind Emmerting and Young of Redlands. Schmidt won the one-half mile.

This Saturday, Tech meets Westmont and Pasadena Nazarene in a three-way meet. Both teams lost to Whittier, and Tech has beaten the Poets. Also the Caltech frosh will enter as num-

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**Possible design for homogeneous reactor vessel**

**PHONE COLLECT**... To get further information, phone collect to C. H. Elliott, at the Westinghouse Electric Power Plant, Pittsburgh, Pa., or write him at Westinghouse, East Pittsburgh, Pa.
Mobilgas sets Sun Valley as destination.

Sun Valley, Idaho, is the destination of this year's annual Mobilgas Economy Run which will start at midnight, Sunday, April 14, from the General Petroleum garage at Eighth and Flower Streets in Los Angeles. Observers are to be at Tournament Park with their bags by 7:45 a.m. Sunday. A bus will take them from there to the G.P. garage. The route includes overnight stops at San Francisco, Whittier, Phoenix, Ogden, Utah, and Sun Valley. Each day's departure time (12 midnight or 130:45 m.) is scheduled so that arrival time will be immediately after the time of the eastern papers. After arriving at Sun Valley about 5572 Thursday morning, 38 of the observers will leave at 1:30 p.m. The remaining 18 will travel to Twin Falls, Idaho, where they will catch a United Airlines flight that arrives here about 9:30 that evening. Chief observer this year is Dr. Peter Kyropoulos and deputy observer is Bob Geiber.

Fate of magazine determined tonight.

What's in a name? This is but one of many problems to be solved at 7:30 in the California Tech office, as all new literary publication attempts to lift from Farragut's ashes. Led by the sophomores triumvirate of Ken Schott, Eugene Robertson, and John Land, and sponsored by the Humanetics Department and ASCIT, the embryonic magazine will feature fiction, poetry, articles and essays, drawings and cartoons, photographs, and humor. Contributions will not be limited to the undergraduate student body, but will be extended to include graduate students, the teaching staff, and quite possibly such associated groups as the Jet Propulsion Laboratory. The criteria of acceptability for material will be primarily quality and general interest in that order.

Work will start immediately; the expected publication date for the first issue is the first or second week of the fall term.

Anyone interested is urged to attend tonight's meeting.

Announcements
OFFICES OPEN
Candidate for the office of Little T Editor, Election Committee Chairman, and Investigators President should leave a note in the mailbox in Dabney stating that he wishes office and be present at the Board of Directors meeting on April 22.

Candidate for the office of editor of a pictorial representation of third term activities to be published. The candidate should also be present at the April 22 meeting of the Board.

RAXTER CHEM PRIZE
Contestants for the under­ground reporter of the year's chemistry prize should submit their re­ports of their work by Monday, May 20, in order to be considered.

The report to be prepared by the student without faculty assistance and should describe completely the research done and its significance.

Competition is open to any student in the chemistry department and the prize is $100.00. The judges will be Dr. Allen, Dr. Hatch and Mr. Milner.

FROSH OPTION MEETINGS
Two option meetings will be held for froshmen during the coming week.

Froshmen are reminded that options must be decided upon by preregistration week, May 13.

Frosh interested in mechanical engineering should attend a discussion of its aspects in 206 Engineering, Monday, April 15, at 4 p.m.

Those considering physics should meet in 22 Gates with Prof. Laursen at 4 p.m., Tuesday, April 16.

GORDON (Continued from page 2)

is a nice guy, and he takes a personal interest in his stu­dents.

Gordon somehow acquired a reputation of being a "boy won­der" taking four years to earn his B.S. degree in mathe­matics at John Hopkins University. This year, during the storming down on Caltech to receive his doctorate and instructor's status in another three. Anxious to dispel this notion, Gordon yet remains reluctant to talk about himself. But he has been persuaded to relate a few facts about himself.

He lived most of his early years on Gibbon Island in Chesapeake Bay, doing a normal amount of sailing and fishing and an abnormal amount of in­sect collecting. His success with the hobby of entomology is all he can muster to support any claim to his being a prodigy.

Pamela's degree is de­termined on a career in music. She studied piano for several years, and was a member of the Conservatory in Baltimore on scholarship. She became interested in an academic attending high school. Nowadays, Gordon continued his music with the chamber-music jam-sessions with Mrs. Tom Apostol on violin.

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