Caltech sailors place in regatta

Caltech and five other schools met at Terminal Island for Caltech’s Invitational Regatta last Sunday, despite small craft warnings due to strong winds and heavy cloud cover.

Tech sailors placed second in their best effort of several seasons against Occidental College, Harbor Junior College, UCL,A, Claremont Men’s College, and Santa Barbara College. Tech’s representatives were Nelson Byrne and Ron Arps as skippers in the A group and Doug McLane as skipper in the B group. Although no teams gave a spectacular performance in any single race, consistent good sailing brought Caltech into second place.

Oxy takes first
Harbor Junior College, which was not officially invited to the regatta, came in first to Caltech when they took the lead during the first three races. Oxy took the lead in the last and last 5 races giving them a total winning score of 47 points. The race was won by Oxy, the last little less than 1030 a.m., after a wait for the sky to clear.

The racers and spectators, about 350, were served in box-lunches which had been contributed by Student House residents.

Providing a permanent starting line proved to be an unexpected difficulty for the sailors. Two buoys were selected to mark the original starting line. When two large yachts pulled up and moored to the selfsame buoys during the middle of the race, a new line had to be found.

Parents to visit campus, learn student problems

200 parents of new students will visit the Caltech campus on Saturday to see the sights and find out how their sons are being educated. The occasion is the annual Parents’ Day, held each fall to acquaint parents of new students with the Institute.

Morning session
At 10:00 a.m. the parents will meet in 201 Bridge where Paul C. Eaton, Dean of Students, will act as master of ceremonies, introducing George W. Headle, chairman, Division of Biology, who will speak on “What is a University?”

Richard M. Kirk, ASCIT President, will give the welcome from the students, followed by George P. Mayhew, Master of Student Life, speaking on “A University and its Practical Accomplishments.”

Tree chise
Foster G. Strong, Dean of Freshmen, will give the final talk on “The Problems of a Student at Caltech.” After Dean Strong’s speech, a group of assistant professors, teaching assistants, and resident will answer the parents’ questions informally.

At 12 o’clock lunch will be served at the Athenaeum. After lunch Professor Hallet D. Strong, chairman, Division of Humanities, will preside, and Professor Robert E. Sharp, chairman, Division of Geophysical Sciences, will speak on “What is Caltech?”

Tech version of flu epidemic grinds to halt; sports resume

Student houses hit hard by plague; toll climbs to 150

Abating as predicted, the Asian flu epidemic on campus is today but a shadow of its former self. At the height of the wave of illness, on Monday, Oct. 14, 60 student house members were confined to their beds. In contrast, an average of one new case per house per day shows on the health center reports for this week.

Water sports were resumed yesterday, and all athletic contests will be played as scheduled except for Friday’s water polo match against Pomona.

The little vaccine available was administered too late to have any preventative effect, but almost all men were sick for only two or two and a half days.

Struck Fleming first
First group to suffer the effects of the virus was Fleming house which was hit on Wednesday, Oct. 9, and had 15 men over the week end. Altogether, Fleming had the highest total of reported cases with 43. Each afflicted Fleming was ill, on the average, 3 days, also the inter-house high.

Bigger men fell ill noticeably on October 14, followed by Dalney house the next day. Although Bicketts was second high with 38 reported cases, those were too evenly distributed throughout campus to amount to a trend. The majority of early cases were among freshmen. It was thought that this high susceptibility was due to the new climate and pressures of the time-consuming activities of rotation, studies, and college classes. However, present records show that the number of affected individuals has increased to keep pace with the high statistics.

(Continued on page 8)
Letters to the Editor: A rebuttal

Editor, the California Tech:

This evening, while glancing through your newspaper, I ran across an article by Mrs. Holtzman entitled "Our Bully Pep." Mrs. Holtzman tries to discount the theory of student spirit at football games, claiming that "the best team in the country, or even the world" has no effect on the individual fan. From my own personal experience I find that nothing could be further from the truth. Mrs. Holtzman's theory is a secondhand joy assumed by the individual fan to help a team to victory, that the team and not the individual is the main attraction. The theory of the individual fan from Tech is that "rank far below other forms of entertainment such as good movies and good concerts."

These statements are, to my way of thinking, a complete and total rebuttal. May I ask Mr. Holtzman if he has worked harder at a physics problem when he knows that many people are depending upon him for the continuation of an inartistic solution, or when he is about to be given an important and trivial, with no one giving a damn about the result? My point is that the "joy" derived from an athletic event leaves me in complete wonder which type of pleasure an individual receives based entirely upon his own personality. In general, this joy, as Mr. Holtzman seems to imply, is a feeling of pride. The same type of pride was felt by the Tech fans when we saw our States fliers did such a creditible job in breaking some of the outside MI's from the outside Korean's. In his column, Mr. Holtzman attempts to rank forms of entertainment and events at the bottom of the list. Any ranking of athletic events involves an entirety an individual preference, of course, and this writer would definitely rank a non-collegiate football game over some of the athletic events but in what form of entertainment is a very powerful emotional experience.

The primary subject of this letter goes deeper than establishing the merits of a game of football, and in my opinion, Mr. Holtzman states the belief that: "Oxy men are completely illiterate, poorly of the Tech man due to a reality of our reputed intellectualism."

In Tech man to Oxy man, therefore, there is a sound and healthy rivalry that cannot be created by technological means. The showing of displaying cooperation with this rivalry is one of the most important factors in Tech man to Oxy man. The same type of pride was felt by the Tech fans when we saw our States fliers did such a creditible job in breaking some of the outside MI's from the outside Korean's. This feeling of pride is what the Tech world is made for, and it is what the Tech man hopes to carry on and into the future.

Let us not abandon contact with the outside world during our school year, therefore, but try to develop this spirit instead of an interest in things which people of less intelligence pursue. We Tech men shall be working in later years, enjoy athletic events is an excellent start.

Jon Tibbitts

Thanks

Editor, the California Tech:

Of late I seem to find myself a member of the "Bullying Pen" of Tech. Recently, I attended the well-publicized Pajamarino in T. P. I found myself in a minority. Most of the loyal Tech students support the efforts of the team to win a major game of football and to have a great group of backers. We need a lot of noise from the spectators if we are to win a game.

I wonder if I was kidding? Does LaBudscher really think that even the noise of Krakatos would improve Tech so much as to out fight even harder? Does he think that a mediocre bunch of Oxy backs can make the noise from the stands approach the quality of the minority of the student who think he was pulling some legs that night, because I don't think that Tech and Oxy can win.

However, the majority of the men at that assembly seemed to agree with him, for they cheered like mad. Maybe it was the excitement of the free show that made them wild. Maybe it was the evident attractiveness of the song queens. But was it school spirit? I doubt it.

How many times have we heard some joke about the forthcoming athletic event ended with, "I don't know whether we will support the team. Show your school spirit!" There is a fine line between school spirit and school spirit. I enjoy watching football games, and have attended almost every one which has been played in the last two years, rarely being able to be damned if I'll go out to a game. The "Bullying Pen" is an example of the free show that made Tech wild. The main falsehood upon which the majority of the Tech man to Oxy man rests is the impression of a great emotional experience.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.

I realize that I probably hold the minority view on these sub­ jects; however, I am extremely grateful to the "Bullying Pen" for allowing Ford Holtzman to express his views. Maybe many of the readers do not agree with what he says, and you will find that the majority of Oxy men agree to the contrary. I point out that there is a lack of objectivity on the part of Ford Holtzman.
Seniors favor engineering; sophomores like science

Caltech upperclassmen seem to be tending more and more towards options in science each year. In the sophomore class, science and engineering are almost equally divided, with 60 students in engineering and 68 in the science departments. First term registration figures released this week showed the junior/s following the trend with 97 scientists and 73 engineers.

Enrollment totals were listed as 676 undergraduate students and 440 graduates. The under- grad total includes 137 seniors, 170 juniors, 182 sophomores and 187 freshmen.

The greatest increase in enrollment was shown in the mathematics option. Playing with the integrals this year will be 23 sophomores, 12 juniors and only 4 seniors. Chemistry and applied chemistry, including chemical engineering, were the other popular science options.

Engineers are almost equally divided between the two preferred options, electrical and mechanical engineering. The totals showed 96 EE's, 87 ME's and 24 CIE's.

Among the graduate students, 271 are interested in science and 219 are following engineering. Physics again heads the list with 113 grads.

Physics leads

The greatest increase in enrollment was shown in the mathematics option. Playing with the integrals this year will be 23 sophomores, 12 juniors and only 4 seniors. Chemistry and applied chemistry, including chemical engineering, were the other popular science options.

Engineers are almost equally divided between the two preferred options, electrical and mechanical engineering. The totals showed 96 EE's, 87 ME's and 24 CIE's.

Among the graduate students, 271 are interested in science and 219 are following engineering. Physics again heads the list with 113 grads.

Physics leads

The greatest increase in enrollment was shown in the mathematics option. Playing with the integrals this year will be 23 sophomores, 12 juniors and only 4 seniors. Chemistry and applied chemistry, including chemical engineering, were the other popular science options.

Engineers are almost equally divided between the two preferred options, electrical and mechanical engineering. The totals showed 96 EE's, 87 ME's and 24 CIE's.

Among the graduate students, 271 are interested in science and 219 are following engineering. Physics again heads the list with 113 grads.

Physics leads

The greatest increase in enrollment was shown in the mathematics option. Playing with the integrals this year will be 23 sophomores, 12 juniors and only 4 seniors. Chemistry and applied chemistry, including chemical engineering, were the other popular science options.

Engineers are almost equally divided between the two preferred options, electrical and mechanical engineering. The totals showed 96 EE's, 87 ME's and 24 CIE's.

Among the graduate students, 271 are interested in science and 219 are following engineering. Physics again heads the list with 113 grads.
Behind John Cobb's all-time record of 403 mph

A GENERAL PETROLEUM TEAM

Practically every type of college and university training in General Petroleum where men with promise can make the first step.

For information about General Petroleum see your college placement director.

The Martini

The Martini is made of gin, produced in Vermont. Considerable difference of opinion exists as to the proportions that the two should be mixed. Modern Martini connoisseurs tend to a very dry (or bitter) drink composed of parts equal to one part of Vermouth. One should expect approximately these proportions if he orders a dry Martini in a reputable lounge. The wiser and more sophisticated enjoy a really dry Martini this writer suggests filling the glass with straight gin and facing Italy for twenty seconds.

The drink should be served with American or London Dry gin and with French, rather than Italian, Vermouth. The drink should be unmixed and accompanied by some light hors d'oeuvre to be stuffed with crackled ice, strained and garnished with a stuffed olive. It should be served in a cocktail glass as the stem of the glass holds the cold in the drink from the heat of the hand. It is proper to garnish the glass with a twist of lemon if desired. (Continued on page 5)

News in Brief

Foreign

Syria received troops from Egypt through their combined army system under Hafik Amer and then, with Russia, demand ed a UN investigation of a probable Turkish invasion spurred by the U.S. As the General Assembly discussed a resolution, Russia proposed a summit conference for peace and meanwhile maintained she would aid Syria if attacked. Dalles stated that we in turn would protect Turkey. Ibn Saud, miffed because he was not consulted on the army exchange, announced that Turkey and Syria had accepted his mediation but there was no confirmation from the parties involved.

West Germany broke diplomatic relations with Yugoslavia, an important customer, in view of her recognition of East Germany; and the U.S. started re-araigning its support of the Teamster's Union was blocked by a restraining order, which his attorney appealed. Dave Beck decided not to resign early, and was given a postponement on his income tax evasion trial. Queen Elizabeth II and Prince Philip were given a royal reception by New York and the White House and quite seemed to captivate the country. (Continued on page 5)

Poor F. Poor

Mac Poor's weekend plight is just one more case in Beak's data that go to show that women are better off in Janie (and this it seems F. Poor went out to Pomona to play soccer with the thought in mind that ole F. Poor doesn't have a car, in order to fully appreciate his good fortune be now planned his days well. His good friend Uncle Mum Gozmo was also going to see a girl in Pomona that night and told F. Poor that he would pick him up at one in the morning.

Poor F. Poor didn't have a chance from the start. He left his car at the fold with the soccer manager and forgot to get it back. This was just a hint of more to come. Around about one F. Poor was sitting on the steps of his handsome dorm. Tom Just didn't show. Poor F. Poor just sat there till this sweet young thing of his tossed a sleeping bag out the window and said, "Poor F. Poor is saved." But alas it seems that it wasn't all that it felt pretty, bad sleeping in the rain in the middle of the girls' athletic field. Last week F. Poor had sworn off women and joined the ranks of the stragglers.

Convoy crushed

John Con's filthy, vulgar, nasc-toul mouth was put out in his proper place (wherever that is) at last by the Delegation from Upper Hill. The Senior Senator apologized for not knowing that Jamie was at the party. Note: Keep your doors locked when doing homework—especially if the lights are out.

Drabbery Men are Taken

It seems that one S. Roth was listening in on a conversation between Lango and the social chairman at a Good Sam Hospital. Now, unknown to Roth, the Good Sam end of the conversation had hung up and the conversation was for his hearing. Well, anyway, Roth was led to believe that there was a nice girl over at Good Sam that had a pair of horses to match his. So he went to pick up this date that had been set up for him. Imagine our poorトークン's disappointment when he discovered it was a single girl waiting for him. Poor frustrated Roth found his way to Ramona that night and told P that some people do in a case like this. It's obvious! Head for downtown just one more time. Since T. J. is too far. Now they found themselves in a drive-in-dance place and were minding their own business when out of a dark corner came F. Poor. "Don't say I have a good time?" The little lambs were all behind nine dollars, but the little lady never came back.

Too bad, boys; better luck next time.

Trolleism trumped

Rosa to Sing: I must be drunk: I can recall this when I'm sober

Mike Melder masters maladjustment

Last Saturday night at Row­die Melder both consolated and psychoanalyzed by his alley mate. There was no admission of adjustment or something where there was a possibility of the specie is concerned.

Last Saturday night at Row­die Melder both consolated and psychoanalyzed (dit) maladjusted Melder was seen stretched out in a lounge with very well adjusted lovely. Wonderful, this modern psychiatry.

Conley called

Beak calls that Proctor and Gamble will have to get along without poor Phil—he got drafted. The army only takes the best men—let's see, Bill Davis and Phil and . . .

Martini man mourns

Beak was doing some investiga­tion when there was not a sign of C. C. Cormichael pad when he over heard one B. Rats, singing "I'm just another single person." Poor min. Beak is just sure that he is. (Continued on page 5)

Delighted detective

Fog Newton got the thrill of his life yesterday, when he Phem from total destruction

The Spuntik

1 Jigger Vodka
1 pinch of some grapes
1 dash of bitters

Stir well. Drink while peering into the sky.

Behind events like Cobb's speed run (whose record still stands after 10 years on the Gold Cup, Indianapolis 500, and practically every major engine competition you can name), stands a team of Mobil experts from General Petroleum and its affiliates in Socony Mobil.

That's why in its far flung operations, General Petroleum uses college trained men. For oil hunting—geologists; producing and refining—chemists and engineers; and the kind. Marketing and selling use business majors, architectural engineers, accountants...and more because—

Page Four

Thursday, October 24, 1957

THE CALIFORNIA TECH
fulbrights

Techmen urged to apply
for free travel, foreign study

"I wouldn't trade my year of study and the fun we had anything. The extensive travel and opportunities brought on California's fair outreach for outweigh any delay in technical education." So states Sabine Najieb, a first-year engineering ex-Fulbrighter and present ME grad student at Caltech.

But are the questions that are sometimes asked of the Fulbright program allow answers about aspects of the foreign study scholarships which affect Techmen:

How do I apply? Professor Horace A. Gilbert, 104 Dabney, is Caltech's Fulbright adviser, and he has the information and experience to make success easy.凡想申请 Fulbright 者必须申请,而且必须是直接的,并且可能立即完成,因为Caltech的截止日期是下星期四。但这也是由于时间问题而计划开始的。

How large are the Fulbright Scholarships? In addition to high tuition, full board, and opportunity to broaden one's outlook far outweighs any delay in the primary purpose of schooling. You certainly will learn a new language thoroughly. The cultural benefits are tremendous. And understanding between people is definitely improved.

Your future is NOW at CONVAIR

The Convair engineering department is a real "engineers" engineering department—imaginative, energetic, explorative—and exceptional. In addition, the department guarantees that each new employee is assigned to the job for which he is best qualified, depending upon his interest and education.

College graduates are permitted to further their education at either TCU or SMU at company expense, provided their grades are average or better. Personal recognition and advancement, based strictly on merit, provide an incentive for rapid professional growth. In addition, you will discover top-notch engineering facilities, excellent working conditions, and salaries that are tops in the industry!

Personal Interviews ON CAMPUS

October 28

Join the team of Engineers and Scientists whose latest achievement is the all-new B-58 Hustler. There's first supersonic bomber who now is even more, more powerful, more efficient, (3) deny adequate education to a substantial proportion of those who will seek it, (4) reduce the quality of the instruction offered. No national can follow either of the last two roads, and must be spent outside the U.S.

What are the big advantages of foreign study? You can make some really worthwhile friends. You certainly will learn a new language thoroughly. The cultural benefits are tremendous. And understanding between people is definitely improved.

What about the language require­ments? In addition to high tuition, full board, and opportunity to broaden one's outlook far outweighs any delay in the primary purpose of schooling. You certainly will learn a new language thoroughly. The cultural benefits are tremendous. And understanding between people is definitely improved.

OVERHAUL

Proposed solutions

Three major proposals have been advanced to remedy this dis­pressing situation:

(1) Spend more money, prob­ably with Federal aid. The convonia, which is double what is needed, is something that must be spent outside the U.S.

(2) Eliminate some of the in­efficient educational traditions. Recent controlled tests have shown that the system of schooling has suffered because teacher productivity has not kept pace with that of other industries.

(3) Use more electronic equip­ment. Even the most obvious answer, increased expenditure, does not solve the moral difficulties, such as local unwillingness to vote higher school taxes, low local debt ceiling limits, and limited resources in the poorer states. Well, how about Federal aid? But this clashes head-on with the old states' rights objections, the segrega­tion issue, the resistance of the more conservative and wealthy states. These three factors, in fact, are the real road to kill school aid bills in Congress for the last two years. Yet, if every American has the chance to develop his talents to their full­est, a country which is objec­tive for both the individual and society, it seems evident that the country, which is not only national but also international, needs more of the ed­ucational facilities available today. We also exercise control over standards and administration as well.

But the alternatives are clear. We must (1) induce more col­lege graduates to become teach­ers, (2) provide more scholarships, (3) deny adequate education to a substantial proportion of those who will seek it, (4) reduce the quality of the instruction offered. No national can follow either of the last two roads, and must be spent outside the U.S.

What are the big advantages of foreign study? You can make some really worthwhile friends. You certainly will learn a new language thoroughly. The cultural benefits are tremendous. And understanding between people is definitely improved.

What are the big advantages of foreign study? You can make some really worthwhile friends. You certainly will learn a new language thoroughly. The cultural benefits are tremendous. And understanding between people is definitely improved.
Live Modern! Here's News...

U.S. Patent Awarded To The L&M Miracle Tip

ONLY L&M HAS IT!

"This is it! Pure White Inside Pure White Outside for Cleaner, Better Smoking!"

Get full exciting flavor plus the patented Miracle Tip
You get with each L&M cigarette now for the full exciting flavor of the Southland’s finest tobaccos.
You get the patented Miracle Tip...pure white inside, pure white outside as a filter should be for cleaner, better smoking. The patent on the Miracle Tip protects L&M’s exclusive filtering process. L&M smokes cleaner, draws easier, tastes richer.

Live Modern...Smoke L&M!

Your assurance of the Southland’s finest tobaccos
Every package of L&M’s ever manufactured has carried this promise: “A blend of premium quality tobaccos including special aromatic types.”

BUY ‘EM BY THE BOX OR PACK
Crush-Proof Box (Costs no more)
Handy Packs (King and Reg.)

©1957 LOUREY & BERNES TOMASSO CO.
Interhouse softball nears conclusion

Bob Emmerling sparked Throop's softballers to a 14-victory over Ricketts Tuesday, neatly clinching the Interhouse softball championship.

Emmerling and Lou Montoya both passed the .300 plateau in batting duel, but Emmerling's first 3-3 effort down the left field line proved to be the decisive run as the versatile fast-baller scored the game's only run.

Eight Rowdys reached base, but Emmerling's charming and superb control nipped every scoring opportunity. Throop has completed a near-perfect day with two outstanding fielding plays.

In other games last week:

- On Wednesday, October 16, in a two-and-a-half inning game, Blacker rolled out Fleming by a score of 7-4. Tied up at the third, Blacker scored four more runs in the 2nd inning and that told the game to Ricketts, allowing them to give up ten walks between them in the 2nd inning and that told the story. The walks gave the game to Blacker, allowing them to score 13 runs on four hits.

- The 17 Rowdys at bats in that game were more than enough to walk off with the 2 inning game.

- On Thursday, October 17, by downing Dabney by a score of 12-4. The 17 Rowdys at bats in that game were more than enough to win the game. The Phlegms were slow in their fielding and this gave Dabney a big edge. The Dabney pitcher played Fleming to hit and let his fielders retire the side.

The following changes have been made in the water polo schedule for this fall due to the scum epidemic:

- L.A. State rescheduled to Nov. 8
- Orange Coast at Caltech
- Pomona-Claremont rescheduled to Oct. 20, at Pomona
- L. B. State, Nov. 10, 4 p.m. at Caltech.

HELP!

Do you have dreams of unbounded ambition? Do you yearn for fame and glory? Can you write? Can you write? Can you write?

This writer had the opportunity last Friday to view two of Caltech's future opponents in football, as Occidental and La Verne College stumbled to a 10-0 tie at Patterson Field on the Tiger campus. Occidental, touted as one of the potential dark horses in the SCI championship race this season, abandoned their wing-t offense for three quarters and tried to use a single wing offense. The Tigers were singularly unimpressive in their efforts to move the ball from the single wing, and it was only in the final quarter, when they went 1-1 to their Toffense, that they were able to move effectively. I was unable to decide whether Coach Chuck Coker was honestly convinced that his club could operate better from a single wing or whether he was trying to conceal his T-plays from a group of Whittler College players and coaches who watched the game from the stands.

This weekend Oxy meets Whittier in the first conference game for both teams, and perhaps Coker would like to catch the Poets unprepared for their wing-t offense. This is an unkind time for the Toftigers, but the Poets have scored their share of points in recent games and have the ability to put up a real challenge. Other teams on such a night the Beavers will probably hold the ball, but with their defense the team will be able to hold the Beavers to a minimum.

Coach Gene Rock puts basketballers in practice

Varsity basketball practice began a week ago last Monday, and already a few things are apparent. One is the new coach, Gene Rock, a standout basketball player for UCLA in '46, seems to concentrate a lot more on fundamentals and defense, something that has been lacking in the past few years.

Another is that the team is a young one. Coach Rock has been quick to stress the importance of the fall practices, and this year's team is where last year there were approximately four good men. Among the few events of last weekend was a varsity soccer game between Caltech and Pomona. It was Caltech's first game of the season. The score was 2-2. Tech won a moral victory.

Caltech's goals were made by B. F. Grey, a new member of the Tiger campus, and was a research worker. The first goal was made by Dave Blakemore, a football player for UCLA in '46, and the second was made on a free kick awarded when Pomona fouled the ball. When the second goal was scored the Tiger campus ...
DuBridge discusses future financing of higher education

If American parents want college education for their children as much as they want television sets and automobiles, they'll have to foot the bill, either by personal contributions or heavier taxes.

That is the gist of what Dr. L. A. DuBridge, Caltech President, said last week to some 400 trustees of 19 Southern California colleges and universities. He reminded his audience that American people are not used to having the student and his parents pay directly the full cost of higher education. They are used to having it provided practically "free" at the state institutions and from one-third to two-thirds of the actual cost at private institutions. But now, as we try to double the capacity of our educational plant, we are beginning to realize how much it costs and that somehow the bill must be paid.

Billion a year

Dr. DuBridge estimated that it would cost the nation a billion dollars a year, for the next 15 years, just to build the necessary classrooms, laboratories and dormitories, and that annual operating costs for higher education would rise from 3 billion dollars today to 6 or 8 billion dollars in 1970. He said that there were only three ways such expenses could be met: 1) increased taxes, 2) increased tuition charges, and 3) personal gifts.

He pointed out that a sizable increase in tuition charges, often recommended today, would not only be unfair to all but the rich, it would also automatically drive more and more students to state colleges and universities.

Taxpayer gets stuck

"So, Mr. Taxpayer is going to get stuck anyway. He can take his choice whether voluntarily to direct part of his funds to the private institutions or let the state tax away an even larger amount for expansion of state institutions."

"Too many people?"

The rapid growth in college enrollments, Dr. DuBridge said, has raised a "deepening question in America." Are we encouraging too many young people to enter college?

"If we complain of large enrollments solely on the basis of financial costs, we are on pretty weak ground. Less than 75 cents out of every $100 of Gross National Product is spent on higher education. That will hardly bankrupt us.

"If we fear that standards of achievement will be—or have been—lowered to accommodate greater numbers, we are on firmer footing. The great danger to the coming generation is that for want of facilities, they will fall rapidly as the total numbers rise."

Varying standards

Neither the denial of entrance nor the lowering of standards is necessary, Dr. DuBridge asserted. He said the solution to the problem lies in the fact that educational standards vary widely from one institution to another.

"Through the diversity of our institutions, we can reserve the high-cost, high-quality institutions for the very able students and provide more economical opportunities for the less able or less ambitious."

Control over the total enrollment, he said, could be exercised at the state level, with state institutions imposing standards of admission to keep enrollments within predetermined bounds.

Dr. DuBridge concluded: "In all discussions of the future of higher education, it is important that we keep in mind the essential contribution that higher education in America makes to national welfare and security. . . It is not our idea of democracy to educate a limited number of people and make all of them work for the state. We want to educate many people so there will be enough to work for national welfare as well as for national security."

FLU EPIDEMIC

(Continued from page 1)

To date approximately 150 Tech undergraduates have been ill enough to be listed on the health center reports as officially suffering from some degree of upper respiratory infection. These range from just a severe cold to the flu itself. During the peak days, the Center found itself too occupied with ailing students to devote much time to keeping accurate records and publishing detailed reports.