

# 'Camino Real' Finally Here

## Awards Picnic Showers All With Trophies

Trophies, letters, Honor Keys and certificates, and other symbols of success were bestowed upon Techmen and Houses alike at the Spring Awards Picnic held last Tuesday afternoon in Tournament Park.

The venerable Goldsworthy InterHouse Scholastic Achievement (Snake) Trophy passed into the possession of Ricketts House. Ricketts also won the right to keep the Discobolus trophy on display for another year. Page House captured the Varsity Rating Trophy, while an unprecedented tie for the InterHouse Athletic Trophy occurred between Ruddock and Dabney.

Individual upperclass sports award winners included Bill Ripka, Vesper Basketball Trophy; Buzz Merrill, Skip Stenbit, and John Arndt, Alumni Baseball Trophy; Gary Tibbetts, Campbell Swimming Trophy; Dick Hess, Scott Tennis Trophy; John Letcher, Goldsworthy Track Trophy. Freshman sports awards went to Gary Dahlman, Carl Shy Basketball Trophy; Bill Ricks, Most Valuable Baseball Player award. Senior Kent Frewing won the Novice Tennis Tournament Award.

## Next Year's RA's Picked

The list of Resident Associates for the academic year 1961-1962 was released late last week by Dr. Huttenback, Master of Student Houses. Two new appointments and five re-appointments were made, with Dr. James E. Davis in Page and Mr. James S. Clovis in Lloyd being the new RAs. Remaining as RAs of their respective Houses will be John Andelin, Ricketts; Philip O. Banks, Dabney; William F. Dove, Blacker; Dr. Robert G. Rinker, Ruddock; and Dr. Richard H. Stanford, Fleming. The new appointees have already been familiarizing themselves with their homes-to-be by visiting the Houses this past week.

## Tech Debaters Journey To Hawaii

BY GARY LORDEN

Highlighting campus forensic activity for the year was the enthusiastic participation of the Caltech debate team of Gary Lorden and Roger Noll in the annual Debate Tournament of the University of Hawaii from May 8 to 14. The tournament brought together over one hundred competitors from 14 mainland and Hawaiian colleges for a week filled with the many delights of this island paradise, and top-flight competition in inter-collegiate debate. Three days of speaking activity were com-



Fountain is reborn at the end of Act III.

—photo by Don Thompson

## Honor Section Policy Aired

A change in character of the sophomore honor sections was approved by the faculty on May 22, 1961. Beginning next September there will be an honor section in Ma. 2, Ph. 2, and H. 2. Eligible members of this year's freshman class may register for all three honor sections, or for one or two. They must pre-register, as described below, before the end of this term on June 10.

To be eligible, a student must have received a GPA of 3.0 for all his courses in the freshman year; must have an average grade of 3.3 or better in the prior course in the field of the honor section (for example, 3.3 or better in Ma 1 abc for the math honor section); and must have the permission of the instructor who is to teach the honor section.

It is essential that all freshmen who wish to be considered for honor section enrollment indicate their intention on a form available at the Registrar's Office, 119 Throop, before June 10. Failure to file the form on time will cancel eligibility.

During the early part of the summer the sections will be formed from the list of those who have applied, have met the above-mentioned GPA conditions, and have received the instructors' approval. Successful candidates will be notified by mail.

combined with tours of the city of Honolulu and the island of Oahu, and authentic luau, surfing at the beach at Waikiki, Honolulu night life, and a luxurious awards banquet, featuring a variety of exotic dances of many cultures. Amidst these and many other distractions, the Caltech managed to maintain the concentration necessary to achieve a tie for fifth place in upper division debate.

### Local Culture

Economizing on airline fares, the Caltech contingent, led by debate coach Dwight Thomas,



A tired cast. From left: Kathy Stark, Mrs. and Mr. Moler.

—photo by Don Thompson

## Notices

### PEACE CORPS REP HERE TODAY

A representative of the Peace Corps is on campus today to talk with students who are interested in the program. Mr. Slauson is one of the top officials of the Corps and should be able to answer any questions that you may have. If you are interested or even curious about the Peace Corps call or drop into the Y.M.C.A. office this afternoon.

### RESTON COMING

James Reston, New York Times Washington Bureau chief, will visit Caltech at the end of October next school year as a YMCA Leader of America. Reston is a well-known newspaper columnist, and is syndicated nationally (even in the L. A. Times).

(Continued on page 4)

## Production Promises Action, Sparkle, Excitement Galore

The ASCIT play, *Camino Real*, is being presented tonight, tomorrow night, and Saturday night at 8:30 p.m. in Culbertson. Tickets are available at \$1.00 from House social chairmen and at the door. Steve Luner wrote the following after viewing Monday's rehearsal:

BY STEVE LUNER

*Camino Real* of Tennessee Williams is a big, full, confusing play. It may even be a great play. It certainly is as different from the recent past performances of the Drama Club as those have been from the Greek farce, which constituted Caltech Drama in the early 50s. The

Muses looking down at the set at the first dress rehearsal Monday night seemed puzzled but intrigued, the players madly exuberant, the director feverishly active and in deadly earnest, the stage a cluttered but promising lumberyard, and the lighting and music in need of polishing but quite effective.

Upon hearing that Caltech will present *Camino Real*, an obvious first thought is "Talcott is mad." Once this is accepted the next question is, "How much of a play, which, when performed by professionals, requires two performances to be understood, can be put across by amateurs?" The Monday rehearsal seemed to answer this.

The acting ranges from first-rate to fair, but enough improvement can be expected to postpone criticism until after the play opens. When *Camino Real* opens, the performance will be molded more than anything else by the attitudes of those who dashed about in that mad Monday night Culbertson caucus race. Lippman, as he lifted his head out of the nail barrel to glance at the hotel he was building, looked "theatrical" for whatever that word is worth. Talcott, starting out with an authoritative "All right, quiet!" and busily taking notes throughout much of the action appeared dedicated and capable.

The cast seemed to be overflowing with enthusiasm and unfortunately letting it overflow into their roles, where it gets seriously into the way. This results in successful rollicking fiesta scenes in which it is easy to feel an urge to jump out of your seat and join the crowd (as much as 20 on stage at one time) as Cleve Moler goes carousing by. But then the acting weakens in those portions where the depths of depression and degeneration are supposed to be reached. Yet, after another rehearsal or two, the cast may slip right into the Williams groove.

As of Monday night I can promise only a lot of action, good directions, and a plot that will keep you up late to figure it out. What will come out in addition is anyone's guess and will make the Wednesday premiere a big surprise whatever happens.

## Glee Club On Stereo Records

This year's edition of the Caltech Glee Club recording will be available on about June 1, just before that long, long week begins. Since the Glee Club hopes to break even on record sales, only a limited number of copies will be pressed. Those who like to snake to great music should therefore get orders to their friendly House solicitor posthaste.

The Glee Club was recorded in stereo for the first time this year, in three different recording sessions. In addition, several of the numbers have pipe organ accompaniments, another first for the club.

The prices for the single 12-inch LP discs have been set at \$3.00 for monaural, \$4.00 for (Continued on page 4)

## YMCA Soon to Export Books for Asians

Books for Asians will be collected by the YMCA starting next Tuesday. Collection boxes will be placed in each House, and will remain there until the middle of underclassmen's finals. Tuesday evening a friendly member of each House will go around in an effort to pry books loose.

Scientific books are especially wanted, but humanities books are welcome. Used textbooks, tables, and old references are in the nature of what is needed.

Old books, out-of-date editions, and elementary books are probably useless to the Tech student, but they are most welcome in book-short Asia.

The YMCA will send the books to the Asian Foundation in San Francisco, and they in turn will send them to needy Asians.

The foundation has already sent more than a million books to Asian students to help ease their critical shortage of books.

(Continued on Page 2)

## Debaters

(Continued from page 1)

but the tourists). The local festivities began immediately thereafter with a tour of the scenic highlights of Honolulu and the surrounding area, chauffeured by students of the University of Hawaii. Being extremely impressed with the local culture, Noll and Lorden made repeated inquiries of their very friendly and knowledgeable host concerning the availability of other facets of local culture in the evening. At last a very generous (and very welcome) offer was made to show the boys from the mainland "the real Honolulu."

Beginning with the notorious Hotel Street, populated by gypsies and such, and culminating in local cabarets, the education of the Tech duo was as complete as it was memorable. Undaunted by the discovery that Honolulu tastes tend toward the type of entertainment featured at ASCIT election rallies, the Tech stalwarts lasted through several rounds of applause and were vociferously responsive to the suggestion of their host that he might be able to "get one of the girls to come to the table between shows." The tantalizing anticipations was soon cut off by the appearance of a real educational opportunity in the form of a Kabuki dancer, whose English vocabulary barely transcended the repetition of the name of her favorite between-shows refreshments. Suspecting an RF by the local barmaid, the group decided to move on.

### Education

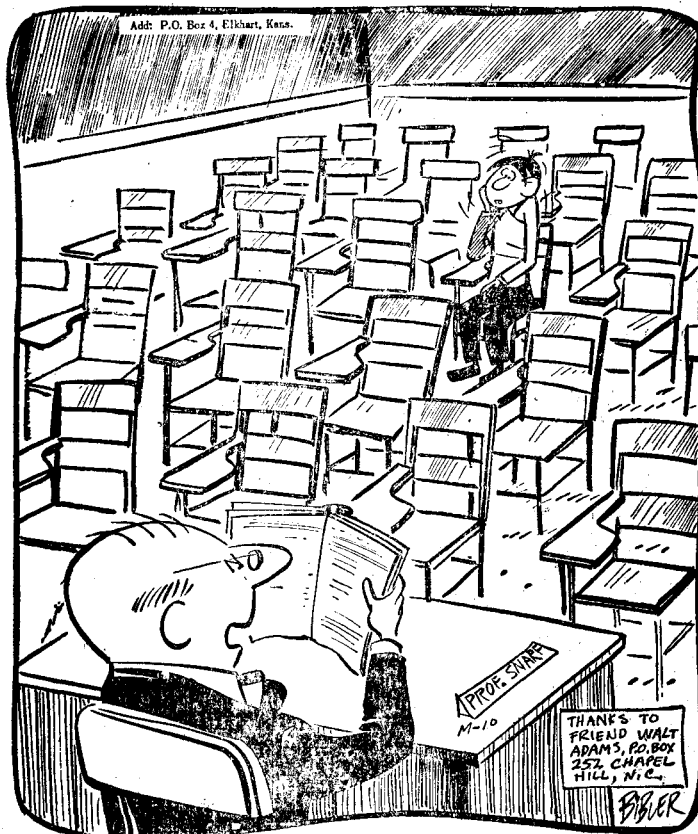
The educational opportunities in the next establishment were considerably more to the liking of the group. The crowning moment came with the appearance between shows of a Japanese rock-and-roll singer named Mi-shi, whose colorfully unique interpretation of "Blueberry Hill" had already produced delighted appreciation. The time spent with this unbelievably cute bundle of effervescence, whose big dream was to make good in Las Vegas and become a top recording star in Japan like Brenda Lee, was among the most memorable in the entire week for the Tech debaters.

### Luau a Loser

The luau, which was given for the debaters on the following night by a local sorority, resulted in something less than fabulous success for the Caltech representatives. A well-meaning but slightly ludicrous attempt by one of the Techmen to compliment the girls on the beautiful "snapdragons" brought a chuckling description of the abundance of orchids on the island. Aside from the definite realization of the fact that pol tastes bad, the only memory of this occasion carried away to soothe a shattered ego was that of the voluptuous little blond who proved that it is not varie-

## LITTLE MAN ON CAMPUS

by Dick Bibler

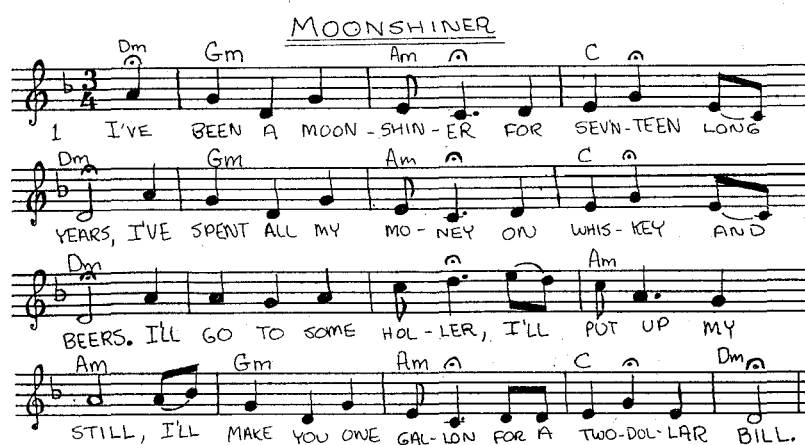


## frets and frails

## Song Dates From Booze Battle

BY JOHN D. CROSSMAN

Man has always been willing to fight for his right to distill his own whisky. This song is from the eastern mountain country and originated about the time of the Whisky Rebellion (1780). An excellent rendition of this song may be heard on Ed McCurdy's Blood, Booze 'n' Bones, Elektra EKL-108.



2. I'll go to some grocery and drink with my friends,  
Where women kain't foller to see what I spends.  
God bless those pretty women, I wish they were mine,  
Their breath smells as sweet as the dew on the vine.
3. I'll eat when I'm hungry and drink when I'm dry,  
If moonshine don't kill me, I'll live till I die.  
God bless those moonshiners, I wish they were mine,  
Their breath smells as sweet as the good old moonshine.

ty of movements that makes the hula, but intensity.

The festivities were lamentably interrupted during the next few days by the debate tournament, in which the Caltech team steadfastly supported a realistic, coldly analytic approach to the debate question, "Resolved: that the United States should adopt a program of compulsory health insurance for all of its citizens," only to find that some

judges (poor fools!) preferred the incredible sophistry of their opponents.

At last, the "intellectual" portion of their expedition completed, the debaters still had two glorious days and nights to spend with their new-found Hawaiian friends, until, finally, the tentacles of time reached out to pluck them, lavishly decorated with leis, aboard their smog-bound plane.

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# Musselman Interview Explains Retirement Age

BY BOB LIEBERMANN

Following the appearance of the article concerning Doc Hanes' retirement in last week's issue, I interviewed the athletic director H. Z. Musselman in an attempt to clarify the situation. In the ensuing discussion a great many points of interest to the Caltech public were aired. For some years, it has been the declared policy of the Board of Trustees to retire all employees after they have reached a certain age, regardless of Institute status. This includes everyone from full professors to the maintenance crew. This compulsory retirement plan is not new; neither is it a policy which is unique to the Institute. Physical fitness does not, unfortunately, enter into the plan. All

the employees of the Institute know of this plan and must govern themselves accordingly.

To the best of Musselman's knowledge, the Institute has never granted an exemption to this retirement age. An appeal, on the part of Musselman, to secure an exemption in the case of Doc Hanes was denied by the Board of Trustees. Throughout his 38 years of service to Caltech as trainer and coach, Doc Hanes has been, in the words of Musselman, one of Tech's "most sincere, loyal, and efficient" employees. All of us at Tech will sorely miss his services, but we must remember that his departure is necessitated by the policy of the Board of Trustees and not of the athletic department.

## It'll Never Work Though

# Plan To Conserve Study Time Bared

Ed. Note: As the ASCIT play and finals both rolled around together, it appeared that the only one who had time to work on the California Tech was Grier Bethel. In fact, he sneered at us as we crouched and cowered over our books, desperately trying to make up for lost or misplaced time. We wondered how he could manage to be so care-free, and as if in reply, he handed in this rather long bit of advice. Our advice was that he print it as a handbook, but he insisted that it was designed for a newspaper format. What could we say? We were desperate.

BY GRIER BETHEL

A recent nation-wide survey revealed that, on the average college student's life of Things That Are Fun, studying ranks just below trench mouth and dog bites.

Studying, you might even say, is a big pain in the class.

Yet the fact remains that a great many college students waste too much valuable time by studying.

The question is often asked, "Why?"

The answer is that college students are gripped in the twin jaws of an ugly trap. On the one side are the professors—cruel, crusty, and unloved—who add spice to their meager lives by wielding the power of grading; on the other side is that familiar bugbear, the sadistic parent who insists that his child get good grades.

Anchoring the trap, as it were, and shackling students to the despondency of Saturday night seclusion, is the administration, setting the rules and grinning like the mask of death.

Rule one of the Institute's academic requirements says: To graduate, buddy, you'd better study.

Rule two, borrowed, perhaps, from a football yell, says: "Hit the books, schnooks."

The meaning is painfully clear.

The student has a way out of his dilemma, however, and while by thinking ahead and by exercising good judgment he will not be able to avoid studying completely, he will be able to relegate it to its proper place on his agenda, e.g., on rainy nights when he's in the Health

### Center.

It can be assumed that not all students in the top 10 per cent are gifted with the highest IQs. There are ways to get grades, even outstanding grades, with a minimum of diligence, and these methods could well be considered the Open Sesame to a swinging college career.

### I. ADVISORSHIP

Your adviser should not be considered a millstone around your neck, but rather a stepping stone to many hours of free time. His purpose, though he may not know this, is to provide you with an easy schedule. Get his signature authorizing 35 units of humanities and your battle is half won.

**Get him to feel sorry for you.** Show up an hour early for your appointment with your adviser. This works best if you wait outside his office where he can see only your arm, or perhaps, just your leg, swinging in and out of his field of vision. Remark loudly to any passerby that you're waiting to see your neat adviser.

Wear a suit that is noticeably new and when you finally get in to see him, accidentally spill a bottle of his ink on your jacket. Time this to coincide with his first sweeping gesture.

Convince your adviser that you have a sick mother, or some other tragic personal problem. By subtle innuendo, you may be able to suggest that you yourself have but six months to live.

**Study your adviser.** This cannot be overemphasized. Every adviser has one class, usually a hard one, that he forces upon his advisees. The thing to do is to volunteer for the class before he can suggest it. You can drop the class later, but in the meantime, you've scored valuable points.

**Study for one class.** This is a risky gambit but where it is used successfully it is unbeatable. Sign up for a class that your adviser himself teaches, and then work thoroughly for that one class.

He'll be convinced that you're a good student and you can write your own ticket for the next four years.

**Know the schedule of classes.** A fool can find more conflicting classes than a wise man can  
(Continued on page 4)

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# a hand of BRIDGE

BY DAVE SELLIN

## NORTH

S—None  
H—K Q J 10  
D—Q J 10 9 8 7  
C—A Q J

## WEST

S—K Q J 10  
H—5 4 3 2  
D—None  
C—K 10 9 8 7

## EAST

S—4 3 2  
H—None  
D—6 5 4 3 2  
C—6 5 4 3 2

## SOUTH

S—A 9 8 7 6 5  
H—A 9 8 7 6  
D—A K  
C—None

Contract—Seven hearts.

South is declarer.

Opening lead—King of spades.

Here is a solution to last week's double dummy problem, reprinted above.

The only play for seven hearts is a dummy reversal; that is, South must set up North's hand. To do this, he must ruff the board's queen and jack of clubs and sluff his own ace and king of diamonds. He can do this by proceeding as follows:

South sluffs the seven of diamonds on the opening spade lead and takes the trick with his ace. He leads a small heart to the board, pulling one of West's trump. He returns the jack of clubs which he ruffs with his ace of hearts. He then leads another small heart to the board, pulling the second trump from West's hand. He returns the queen of clubs, which he ruffs in his hand. He has now only one heart in his hand which he leads to the board, pulling the third trump from West's hand. He leads the last heart from the board, sluffing the ace of diamonds on it. This pulls the last trump. He finally sets up the board by leading the ace of clubs from it and sluffing his king of diamonds. The five diamonds on the board are high.

This line of play is not so preposterous as it may sound, for it makes seven hearts unless East has a void in spades and a heart with which to ruff the opening lead.

## Pauling Gives Report At Tech On Oslo Conference

Dr. Linus Pauling, Nobel laureate and professor of chemistry, gave a "Report on the Oslo Conference" on the Carnegie lecture series at Caltech Wednesday night, May 17. Below is a short statement by Pauling on the conference, a copy of the statement adopted by the conference and a list of participants:

A Conference Against the Spread of Nuclear Weapons was held in Oslo, Norway, from May 2 to 7, 1961. This conference was attended by 60 scientists and other scholars from 15 countries. They had been invited by Professor Linus Pauling and Mrs. Pauling, acting as individuals. No organization was involved in arranging the conference.

The meetings of the conference were private. They were devoted to a discussion of the great danger of nuclear war and the need for achieving disarmament and eliminating wars between nations. A statement was prepared by the conference and approved unanimously, without any abstentions among the 60 participants.

This statement was presented to the public on May 7th by Mrs. Pauling and Professor Pauling in a meeting held in the great auditorium of the University of Oslo.

The conference was sponsored by 25 well-known people, including Dr. Albert Schweitzer, Lord Boyd Orr, and Philip Noel-Baker, three recipients of the Nobel Peace Prize.

Among the participants there were four from the U.S.S.R., one from Poland, one from Czecho-

slovakia, and one from Hungary, as well as others from France, Germany, Britain, Australia, Japan, and other countries. A principal conclusion reached by the conference is that the acquisition of nuclear weapons by additional nations would constitute a grave risk to the world, both through increasing the probability of outbreak of nuclear war and through making it more difficult to achieve disarmament by international agreements with controls and inspection.

The conference urged that the present nuclear powers immediately bind themselves by treaty not to transfer nuclear weapons to other nations or groups of nations, and that all nations not now possessing these weapons commit themselves to refrain from obtaining or developing them.

The conference also recommended that negotiations be started on extending the principle of demilitarization, already accepted for Antarctica, to other areas, beginning with Central Europe. It was further urged that the drafting of the test-ban treaty be swiftly completed by reasonable compromise on the few questions that remain unsettled.

The conference statement also pointed out that disarmament not only will provide a great opportunity to raise the standard of living throughout the world, but also will pose major problems of reorganizations. It was urged that detailed studies of these problems be undertaken at once, both on a national and on an international scale.



Bit part has advantages. Note lucky winner and Tootie Eckman.

## Schlegeris Wins Bit Part

Proving himself by the painful ingestion of odious liquids, the transport of noxious substances, and the demonstration that he was indeed anxious for the role, Ruddock House candidate Dick Schlegeris won the coveted "Bit Part" in this year's ASCIT play. He was chosen by an impartial jury consisting of seven women from the play cast. The secret of the method of balloting was carefully kept by armed guards at the door of the jury chamber.

Schlegeris has been diligently rehearsing since his win, and is developing real facility for his one-word part.

## barBell

BY LON BELL

This week we will lace some potions with liqueurs. In my opinion the top of the list is the Brandy Alexander. Mix one-third jigger of brandy with the same amount of dark creme de carao and half-'n'-half. Shake with crushed ice and pour into a cocktail glass. Another variation is the Gin Alexander, mixed by replacing the brandy with gin. These drinks are quite sweet and will probably be enjoyed more by girls.

The Grasshopper is probably one of the most famous mixed liqueurs drinks, especially enjoyable to mint fans. It is most frequently concocted by adding a third of a jigger each of clear creme de cacao, a green creme de menthe and half 'n' half. Shake and serve in either cocktail glasses or the special grasshopper glasses. Again the girls will probably appreciate this one more than you.

Another group of drinks that are quite low on alcoholic content and very good looking are Italian soft drinks. These are made by adding a pony of creme de menthe, curacao, cherry liqueur, etc., to a glass of soda water and ice, garnished with something appropriate and served with straws. They are good and will satisfy a girl friend who does not normally drink.

Somewhat off the subject, but very useful, is the use of liqueurs in desserts. Topping off ice cream with green creme de menthe, Kahlua (coffee liqueur), dark creme de cacao, or blue or green curacao, can really make plain old ice cream into an exotic dessert that tastes surprisingly good.

Visiting professor, married, no children, seeks furnished apartment or house academic year '61-'62.

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## Study Time?

(Continued from page 2)  
unravel.

### II. INSTRUCTORSHIP

Even with an easy schedule, you're apt to run across an instructor who makes things difficult. The experienced student is able to make such efforts laughable.

**Noseship.** While it is essential to ingratiate yourself with you instructor, **never do it in front of the class**; he has office hours for that purpose.

Read something he has published and comment on it. (If it's a book, the Book Review Digest is an invaluable help.)

Say, "I thought your article was done in an exciting style. It's too bad the subject matter is so unknown to the general public." Move hurriedly to another subject.

If he wishes to continue the subject, however, simply say, "I've got some pretty strong opinions on the subject and I'd like to talk it over with you sometime." (Make sure that the sometime is after the term ends.)

Caution: He will lap this up, but **never feel sorry for an instructor under any circumstance.**

**Termpapermanship.** If your instructor does not require a term paper, say, "Oh, and I so wanted to do one!" and let it go at that. You may stamp your foot, but this is optional.

If he does require one, though, you have three methods at your disposal. In each case, success depends upon the degree to which you can display a burning desire to investigate your chosen subject.

difficult subject. He will advise difficult subject. He will advise you against it, but will change his mind when he sees your burning desire to investigate.

Tell him later that he was right and the subject is impossible. There won't be time enough to begin a new topic and he'll let you get off by writing a few book reports. (Remember the Book Review Digest.)

(b) Choose a simple subject and tell him that you want to attack it from a different angle. If it's a history class, tell him that you want to look into the psychological aspects of the subject. If a chemistry class, the geological implications:

You won't know what the hell you're doing, but neither will he. This method is recommended for the student who is content with a C.

## AFROTC to Make Awards

The Annual Air Force Awards Day Program of the California Institute of Technology will be held this Wednesday, May 31, at 7:30 p.m. in Culbertson Hall. Guest speaker for the evening will be Lawrence P. Greene, manager of the Research and Development Section of North American Aviation. His subject will be "Manned Aircraft in the Space Age."

The general public is invited to attend and refreshments will be served immediately following the ceremony.

(A friend of mine once wrote a paper on "The dental implications of the Burr-Hamilton duel.")

(c) Choose a topic that was recently dealt with in a doctoral dissertation in the department, preferably one for which your instructor was the adviser.

When he tells you condescendingly that the subject has just been done, tell him earnestly that you're aware of that ("Gosh, I read that as soon as the library got a copy") but that you want to do a complete job.

At the end of the term, hand in a rehash of the dissertation and take your C.

It's a good idea to begin all your term papers with this sentence: "It is impossible, with but eight weeks for research, to write the definitive work on any academic subject. The writer of this paper, however, hopes that he is able to throw some new light on the subject of..."

### III. FINALSHIP AND MIDTERMSHIP

You wouldn't buy a used car simply on a salesman's pitch; nor should you take an instructor's word for what he says his tests will be about. Interpretation is necessary.

When an instructor says, for example: "You needn't study chapter ten," only the most naive will believe him. What he is really saying is that the entire final exam will be based on chapter ten.

Similar interpretation should be given to remarks such as "I don't give pop quizzes," and "I think you'll find me a fair grader."

A remark that needs no interpretation is, "This is a difficult course and you'll have to study to pass my exams." This sounds the death knell to any plans you might have of sluffing off, and



## Brewins



### William Wetted

Eyes of Beak were dazzled at sight of carboniferous sparkler on hand of Mr. William House's wench last Satnite. Active men of Lewd House, who had already wetted down Billy Boy on following morn, got request for repeat performance from wench when both came to Hamsandwichmeal. Earnestly Terraced and crew delivered, but less than 30-mile-an-hour rate saddened Beak. At moment of truth, well-hydrated House suggested yet one more performance. Crew delivered shapely goods to House, who administered final rites at shrine of great god Hydros. Couple was last seen tracing wet path to dry room.

### Davie Diseased

Rumcrook House's chubby singer-boy has learned sad ways of wenching-life. On long, boring Bleat Club tour Davie con-

your only recourse is to drop the course.

Once you break down such barriers to communication between the instructor and yourself, you may chart your course with more certainty. There remain, however, those little bits of instruction that accompany each individual test. Nowhere in the collegiate scene is there more room for misunderstanding.

Some typical test instructions are given below, and their correct meanings follow in parenthesis. Master these, and you're well on your way to a four-point.

**Identify briefly.** (This is an abbreviation for "Identify briefly and you'll get an F." Give every fact, relevant or irrelevant, about the subject.)

**Give your opinion of.** (Give the instructor's opinion of.)

**Be specific.** (Quote the textbook.)

**Discuss.** (Tell everything you know about the subject.)

**Compare and contrast.** (Tell everything the instructor knows about the subject.)

**Write an essay about.** (Tell everything anyone in the world knows about the subject.)

**Multiple choice: pick the correct answer.** (Pick the least ambiguous answer.)

### IV. OPINIONSHIP AND MATURITYSHIP

This is the subtlest approach to not studying, and therefore the most dangerous. Its success rests upon one of the real weak spots of the humane teacher: he will not flunk a mature student who obviously is in school to learn and to form opinions.

Opinionship should be employed only by students with heavy beards, although married

tented himself with reasonable wench-a-night rate. Even Megaphone had hard time keeping up. However, back in Sterileville, first-order reaction set in. Beak wishes Davie a fast recovery from mononucleosis.

### Clamma Cops Copying Contest

Honorable BOC member Clamma joins random frosh in pilgrimage to PCC to hear great, noble, beloved Dr. Mindfan discuss glories of gravitation. Conscientious Clamma scribbles his every word into pocket notebook to preserve for posterity and physics test. At end of speech announcement comes that high school note-takers in contest should attach names, addresses, and schools to efforts and drop in convenient box. Clamma borrows friend's brother's name and complies. Time passes.

students can also use it to advantage.

**Express yourself.** Disagree with the instructor occasionally, prefacing your remarks with a statement like, "I've found in my experience that..." Hint that you've traveled around the globe, at least, and, perhaps, have been written a few books. Or say, "Don't you think, human nature being what it is, that maybe..."

If you are truly an older student and your instructor is on the young side, you can under ideal situations risk a remark like, "You know, I used to feel the same way you do about it. The longer I kick around though..."

And there is the added advantage: if your eyes reflect a hard glint of assurance, your instructor may actually be afraid to argue with you.

(Remember that friend of mine? Well, he once actually had the instructor convinced that he — my friend — had actually written the text under an assumed name. The instructor, who was fresh out of college, left the profession a few weeks later.)

If you try this method it's a good idea to sprinkle your conversation with phrases like, "G.I. Bill... my first wife... before the war... the other day my kid said..."

### Glee Club Record

(Continued from page 1)

stereo. The men to see for orders are: Page, Mike Perlman; Lloyd, Larry Kugler; Ruddock, Ron Counsell; Dabney, Gary Mitchell; Fleming, John Russ; Ricketts, Ken Casey; Blacker, Dave Kauffman; off campus, Bill Howard, in Lloyd.

Clamma receives confused, surprised call. He learns he is best note-taker at McKinley Junior High School. Overwhelmed with honesty, he gives his prize to boy whose name he borrowed. Beak figures Clamma didn't really need another slide rule, anyway.

### Rauchreader Riposted

Phlegm Rauchreader, annoyed at scarcity of Stamford **Chaperone** magazine in area, determines to roll his own. Figures kilocopy would sell well in Greater Southern California. Talking-wire calls fail to reach ex-editor of fine magazine, who has abruptly left for Midwest. **Chaperone** buxman, under thumb of friendly Stamford dean, will not give clearance for presses. Rauchreader looks glumly at copyright, then heads for local raunch reading room.

## Notices

(Continued from page 1)

Anybody who wants to be on the committee to plan the visit should contact Lance Taylor in Page House within the next week or so, since some preliminary work will have to be done this term (after finals).

### BEACH PARTY KILLED

The Sophomore Class beach party, previously scheduled for Friday

### TECH ON FRIDAY

Because of the Memorial Day holiday next Tuesday, the **California Tech** will not come out until Friday, June 2. That will be the last issue of this academic year.

## Bauer, Arndt Win Award

William R. Bauer and John H. Arndt, Jr., Caltech chemistry students, are two of 12 recipients of 1961 merits awards from Chemical and Engineering News, the American Chemical Society announced last week.

The magazine is the weekly publication of ACS. An ACS committee selected the 12 recipients out of more than 80 nominees in the field of chemistry and chemical engineering from universities throughout the nation. The awards, given this year for the first time, are for a combination of high marks, extracurricular activities and for "providing inspiration and encouragement to all students interested in scientific and engineering careers."

Bauer was Caltech student body president in 1959-1960, and has served as student body and BOC secretary.

Arndt is an outstanding athlete. He captained his 1960 football team and was named first-string end on the all-Southern California Intercollegiate Athletic Conference team.

He was named by Pasadena Ambassadors, a group of sportsmen, as Caltech's athlete of the year.

## California Tech

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