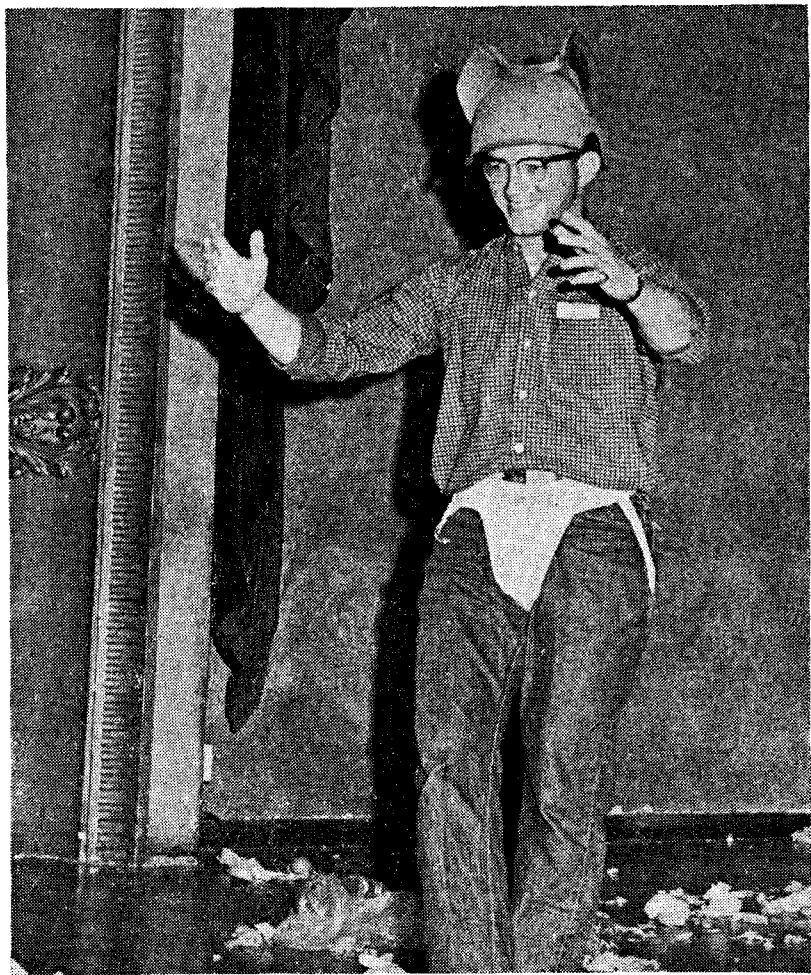


# Liebermann To Head ASCIT



Bob Liebermann makes an earnest plea for votes at last Monday night's election rally.

Bob Liebermann won over Don O'Hara for ASCIT president last Tuesday. Fred Brunswig and Doug Holford are in a run-off for representative-at-large, eliminating Mike Costello, in the only two contested offices in the ASCIT elections. All five by-laws amendments also passed. A run-off for the representative-at-large is being held today.

## New Buildings Near Finish

BY RODGER WHITLOCK

By the end of 1963, both the Beckman Auditorium and the Booth Computing Center will be completed, and in the case of Booth, occupied, according to Wesley Hertenstein, head of B & G. To be more precise, Booth will be completed during the summer and occupied completely by August 15; Beckman, on the other hand, is not scheduled for completion until November 15, a date which the contractor believes will be met, if construction does not meet any unforeseen delays.

### Computing Center

The Computing Center, financed with money from the Willis H. Booth Foundation, offers a departure from the usual Institute stereotype in having only two above-ground floors and only one basement. The IBM 7090 computer, the raison d'être for the building, will be housed on the first floor along with the associated control equipment. One of the special features will be built-in removable floor sections for ease of handling interconnecting cables. The basement will be used primarily for research, while the second floor will house programmers.

Originally, the computing center was to be a part of a proposed electrical sciences building, but the need for the center

(Continued on page 2)

Liebermann will take office Monday night during the regular BOD meeting. His campaign statements called for a continuation of the coffee hours, the assembly program, and for working with the YMCA. He called on his experience on the ASCIT board and House office as preparing him for the job.

Other elected officers were Spicer Conant, vice-president; Richard Karp, IHC chairman; Russ Brill, secretary; Dick Essenberg, treasurer; Don Green and J. C. Simpson, Tech editors; Dave Helfman, activities chairman; Steve Green, BOC secretary; Grant Blackinton, athletic manager and Randy Cassada, social chairman. All of these candidates were running unopposed. There was no chance of their losing the election as ASCIT by-laws prohibit write-ins.

The by-laws amendments also passed, as noted. The most important of the amendments called for placing the IHC chairman on the BOD, and making him chairman of the honor point committee in addition to his other duties. This amendment has been proposed, in one way or another, several times during the last few years.

## Du Bridge on Gift Deductions

In the administration's current tax reform program there is a provision concerning the tax-deductible gifts that may be given to educational and charitable institutions. Dr. Lee DuBridge, president of Caltech, has expressed concern over the fact that contributions of small donors may be seriously affected.

At present a person may deduct up to 30% of his taxable income if the money has been given to charity or education, but under the new proposition you must donate a minimum of

(Continued on page 2)

## Houses Plan For Interhouse Sing

Once again the campus resounds to assorted shouts, squeaks and moans, all in hope of producing melody in time for Interhouse Sing. This incomparable display of inimitable musical talent is scheduled for Wednesday, the 27th of February, in the gymnasium.

A special feature this year will be a faculty chorus singing songs of our own famed composer, J. Kent Clark. Among the chorus will be Dr. David Wood, Dr. Richard Sutton, Dr. James Knowles, Mr. Tom Huff, and others.

Student House choral groups and numbers to be sung have been announced by the Interhouse Sing directors for the various Houses.

Don Terwilliger, director for Ruddock House, has stated that the 30-person glee club will sing "Black is the Color of My True

Love's Hair," "Amo, Amas, I Love a Lass," and "Gratius Agimus Tibi." A Ruddock Quartet will sing "It's a Blue World," "Hammer Song," and "Lizzie Borden."

Blacker House will enter a 30-member choral group singing Bach's "Adore Thee," Mozart's "Ave Verum," and "High Bridge." Their quartet will also be entered to sing "This Train," and "Good Old Mountain Dew." Blacker's director is Bob Sweet.

Lloyd House is entering a glee club under director Richard Hake. Announced numbers are Gershwin's "Summertime," "The Riff Song" from "Desert Song," and "A Nun Takes the Veil."

A. S. Bloomberg, Ricketts House director, has stated that Rickett's chorus will sing "How Lonely is Thy Dwelling Place," by Brahms, and "All Ye Saints Be Joyful."

(Continued on Page 2)

## Techmen to Attend Legislative Seminar

Caltech has been invited to send one faculty member and four undergraduates to a "legislative seminar" in Sacramento, California's state capital, over spring vacation this year. The seminar, which is sponsored by the National Center for Education, will be held from Sunday to Tuesday, March 17-19. Students and faculty present will meet state legislators and observe the Legislature in action.

Expenses will be paid by the National Center. Those who are interested should contact Dr. Peter Fay in the history department at once, or call him at his home phone of ELgin 5-7854.

## Studies Show Stars to Be Most Ancient

Chemical analyses of three red giant stars reveal that they are the oldest stars studied, and are nearly twice the age of the sun. The sun is about five billion years old. The investigation was done by Dr. Jesse Greenstein and Dr. Robert Parker of Caltech and by faculty members of the University of California, the University of Rochester, and

(Continued on page 3)

## Egyptian Conditions Told By Specialist

BY JAY LIPPMAN

The greatest lack in Egypt today is a sense of patriotism to the nation. In his lecture to the H5 class, Dr. Alan Horton outlined how the Egyptian government is creating a revolutionary nationalism — a homogenization of the population and the generation of a widely felt national feeling.

Under the old order the dominant townsmen consisted of the landed elite and the "urban mosaic," — different ethnic groups who each traditionally controlled a section of the economy and together controlled the commercial life of the nation. The chief loyalties of these groups were to their local community and to their own ethnic group.

The government has tried to break the power of these groups because they are felt to be an impediment to nationalism. There has been land reform with great reductions in property holdings, partly to control the

pocket books of the old elite and partly to prevent counter revolutionary bribery. There has also been nationalization of large and middle scale enterprise since 1957, sequestration of property, and the creation of an atmosphere of fear against those who might plan a counter-revolution. As a further step, the government has passed education laws designed to assimilate or drive out of the country the ethnic minorities who fear their children will be Arabized.

### Positive Aspects

On the positive side, the government is taking steps to break down local autonomy and generate nationalism in its place. They have built roads to the villages and established rural buses. They have established a welfare service for the peasantry to administer medical and educational services and to indoctrinate them. The National Union or Arab Socialist Union (essentially

(Continued on page 6)

A second proposal called for raising the salary of Tech editors from \$200 a year to \$300, so as to make the compensation for being Tech editor more nearly in line with other paid publication offices. The change will go into effect next term.

The third amendment passed formally recognized the ASCIT assembly committee, which has been in charge of setting up assembly programs for the free hour Wednesday at 11 a.m. The ASCIT president will choose a chairman for the committee, and the chairman will choose members. The activities chairman is a member of the committee ex-officio.

The fourth change is one which essentially changes yell leader to an appointive office. Although yell leader has been recognized as appointive for some time, it was still included in the section with other elective offices. The change corrected this.

The last proposal re-distributed some of the now-defunct business manager's duties to the treasurer.

The campaign for president was, according to observers, as hard fought as it had been last year. Many felt that it was more a campaign of personalities rather than issues. Door-to-door campaign as well as election day letters and the usual speeches in the Houses sparked the campaign throughout.

## Hill Becomes Major, ROTC Commander

In the mid-year Change of Command ceremony held on February 6, Cadet Major Joseph T. Bocklage was retired as AF ROTC Cadet Corps Commander. Replacing him is newly appointed Cadet Major Douglas W. Hill, a junior. Hill will be assisted in the command and administration of the Corps by a newly assigned staff consisting of Cadet Captain Steven L. Lowe, a senior, as Executive Officer; and by Cadet 1st Lieutenants William H. Reinling, William R. Ricks, Clarence S. Fuzak and Charles F. Leon-

(Continued on page 3)

## Notices

### SABIN VACCINE GIVEN

Type III Oral Sabin Polio Vaccine will be given at the Health Center on Monday, February 26, from 10 a.m. to 12 noon and 1 p.m. to 5 p.m. The Vaccine is available to all students, faculty, employees, or dependents who have not yet had it.

### ONE WEEK LEFT

There is only one week left for entries in the California Tech worst essays contest. If you have a miserable essay, you may win! Contact the Tech for details.

### BAND CONCERT

This term's Caltech band concert will be held this Sunday, February 24, in Dabney Lounge. Admission is free and the concert will begin at 8 p.m.

## Editorials

## Discretion Needed

One of the most important and most powerful positions on campus, and hence one of the most controversial, is that of the Master of Student Houses. Because of the Master's ability to set up policy in the Student Houses, the way in which he exercises this power directly concerns every student living on campus.

The question periodically arises of what limits should guide or govern the Master in setting up rules. Definitely there should be limits, and these become a topic of controversy every time some new or disliked rule is enforced in the Houses. Because there are no specified bounds on his power, no absolute limitations can be placed on his jurisdiction. It is the Master's responsibility, however, to exercise proper discretion in dictating House policy, and his obligation to co-operate as much as possible with the Houses to prevent friction. Good communication between the Master's office and the Houses is essential in maintaining the best relationship possible.

This year several controversies have arisen involving the Master's office and new rules which have been imposed. After initiation at the beginning of the year, it was stated that there would be no more waterfights, and last term the Master's office fined Ruddock House for a "food riot" held during finals week. In imposing the fine the Master eliminated food riots because they were bad manners.

Both the water fights and food riots are traditions of standing at Tech that have occurred many times before and of which the Master's office had been aware. The Fleming waterfight was little different from those of preceding years, and all damages were absorbed by the Houses. The "food riot" in Ruddock involved essentially no damage, was an internal House affair, and was completely cleaned up by the participants within fifteen minutes of its completion. We feel that the rules against these two things are arbitrary and unjustified restrictions on personal freedom in the student Houses. If the Master's office is going to fine Houses for bad manners, it can just as easily begin fining them for sloppy lounges.

In addition to these restrictions, the serious lack of communication between the Master's office and the Houses has caused a good deal of friction. The entire controversy at the beginning of the year concerning construction and stuffed furniture in new House rooms could have been avoided through a discussion of the problems and principles involved with the IHC or the House executive committees.

The indignation caused by the fine to Ruddock, too, might have been avoided, and certainly would have been lessened, if there had been some communication. The fine was supposedly based on the precedent of the \$200 fine received by Page last year, yet the Master's office had never indicated after that incident either the purpose of the fine or that riots were to be forbidden. Even now there has not been sufficient clarification of this situation by the Master's office.

Caltech prides itself on the amount of freedom given its students, and the extent to which they are allowed to govern themselves. If this spirit is to prevail, and if relations between the Houses and the Master's office are to be improved, the points mentioned above should be corrected. Proper discretion, cooperation, and communication would go a long way toward achieving these goals.

—J. C. Simpson

## Frosh Diners Hear Tale Of Angolan War

Mrs. Mary-Louise Hooper, west coast representative of the American Committee of Africa, narrated the NBC Documentary White Paper "Angola—Journey to a War," in the YMCA frosh diners' club last Monday.

Next Monday, the frosh diners' club will present a panel of Scrippsies talking on "Caltech Men Through Scrippsies' Eyes" at 6:30 p.m. in Chandler Dining Hall. Undergraduate meals can be transferred.

Hooper, last Monday, said before the film that Angola, a Portuguese colony on the west coast of Africa with an area as large as California and Texas, has about five and a half million people, 200,000 of which are white Portuguese. The rest are Negro natives. The Portuguese have had a "historic civilized mission" to create a multi-racial state in Angola. There are no racial prejudices and about 30,000 natives have attained a standard of living comparable to the white Angolans.

According to UNESCO, however, only one to three percent of the black Angolans are literate. Hooper commented that although Portugal signed the U.N. convention outlawing forced labor, Angola still has it. This officially does not exist.

The film showed two correspondents, one marching with the rebels and another with the government army. Scenes of white children mutilated by black terrorists and scenes of native refugees fleeing from governmental reprisals demonstrated the need for a settlement of the revolt.

Hooper is the only white person to work in the African National Congress, and she was secretary to Albert Luthuli, Nobel prize winner. She goes to Africa each year. She has not been able to obtain visa into Angola, but she did get one for the Portuguese colony of Mozambique.

## Taxes

(Continued from page 1)

5% of your income before any deduction is allowed. All above this minimum can be deducted up to the standard 30%. This would create a financial burden to all those who did not reach the minimum level, the multitude of small donors.

DuBridge stated that the "incentive to give" would be removed or greatly reduced. Many people have written to their congressmen in protest, and he gave the impression that this was a good idea.

When asked how the measure, if passed, would affect Caltech financially, DuBridge said he had "no idea." He declared that no public statements would be made by him or the Institute administration, but that university associations in Washington had been contacted and asked to present the case involving educational institutions to Congress.

## Interhouse Sing

(Continued from page 1)

The glee club entered by Page House, under director Jan Dash, will sing "Laudate Nomen Domine," and the "Pilgrim's Chorus," from Wagner's opera "Tannhauser."

Selections announced by Fleming House director Don Blankenship are a Luboff arrangement of "A-Roving," and a J. Kent Clark original, "Troll's Progress," to the tune of "My Lord."

## The Critical Ear

by  
rickerman

As a corollary to the theorem (over-proven) that the film is never an equal to the book, we offer "the film is almost never equal to the play of Broadway—New York City." Indeed, Hollywood's "adapted" films are high on Tennessee Williams' perversions and low in any sort of quality. The net result is a series of waste-of-time film (with very limited exceptions) and a few musicals, of which possibly 10% hit the mark.

As a further extension, we can say that even if the musical does make the grade, very few seem to put it across on records. "Porgy and Bess" (Columbia OL 5410—OS 2016) is the ONLY exception to the rule — including "West Side Story." The film recording (Columbia OL 5670—OS 2070) is FAR below the original cast (Columbia OL 5230 — OS 2001) level even though the film itself is excellent!

"Gypsy" (Warner Brothers B 1480 — BS 1480) puts next to nothing over on records. That which does come through really is not worth having and the only thing that keeps this one out of the "unqualified" disaster category is the orchestra.

## Gypsy Wanders

Natalie Wood, who plays the part of Gypsy Rose Lee here and is the star in "West Side Story" (film), is the provider of the three bright spots in the dreary collection of "songs." With the orchestra's two, and two others (each rated as ½), I make it out as six (generously) wins for sixteen tries.

Rosalind Russell simply cannot sing. The rest of the "singers" should be eliminated too — preferably in the most painless fashion available.

But as if these factors are not enough, the last straw falls on the recording engineers. Film background sounds (e.g. steps and curtain noises) are retained on the record. Can you imagine coins rattling into the saucer as Serena sings the very moving and beautiful "My Man's Gone Now" in "Porgy and Bess?" Or would it be better to have the loudest, most shattering battle sounds to provide the backdrop for "Some Enchanted Evening" in "South Pacific?" On the other

## Construction

(Continued from page 1)

is so great that it is being built as a separate unit, instead of waiting for money to become available for the rest of the proposed building. Money was also one of the considerations that led to a three story building instead of a five.

## Beckman Toadstool

The Beckman Auditorium is, as mentioned above, supposed to be finished by November 15, according to the contractor. (There is some doubt in high places about the likelihood of actually meeting this deadline.) The exterior wall of the building will be concrete, painted white; engraved into the surface will be a criss-cross pattern of grooves. At present, the northwest quarter is cast and two of the squares on it have been painted, in order to determine the characteristics of the treatment. The roof will extend to the property line, about ten feet beyond the columns which will encircle the structure.

The predominating color scheme of the interior will be white and gold, not the rumored red and gold. In accord with

hand one does get some brief intervals of quiet. Tape splices provide little dead spots during the songs.

Personally, I prefer the nice long dead spot at the end of the record. The pip-pip-pip sounds have a good beat.

## Interesting Works

Recently I have come across a record which, although it is by no means new, deserves mention as a fine recording.

Composers Recordings Incorporated (CRI) deals in little known works. Halsey Stevens and Aaron Copland are represented in the particular record before me (CRI 129). The orchestra is the Japan Philharmonic under the very skillful direction of Akeo Watanabe.

Copland established himself as a first rate composer in 1929 with the performance of his Dance Symphony — which won a \$5,000 RCA Victor Records prize at that time. Copland's subsequent accomplishments need not be recounted here — they are landmarks of modern music. His experimental "Dance Symphony" is recorded on this record.

Halsey Stevens, on the other hand, is a virtual unknown. Presently chairman of the department of musical composition at USC, Stevens has written a rather limited amount of material and pitifully little is recorded — none by "name" orchestras. Here is his "Symphony #1."

The "Symphony #1" is very strong on staccato and percussion. The work is strongly recommended for students of modern music for unlike the brilliant orchestral texture of Copland and without the broad lyricism of Hanson we can see clearly the development of this work. Its prime force is rhythm. To this a very simple melody is tacked and that is virtually without any complex orchestration. Even so, the music itself is different and has no obvious parallel.

## Early Copeland

"Dance Symphony" does not even sound like Copland of the thirds-at-every-opportunity, but his talents are clearly there. Here again the orchestra is quite good, although lacking in polish and missing in the fine points.

this will be the gold colored metal mesh canopy to be used as a ceiling; it is hoped that this will help the acoustics situation. Other acoustic treatment will include horizontal scallops on the interior surfaces. Seating will be for 1200 people; the aisles will be carpeted, an unprecedented display of luxury for the Institute. The stage will be about 30 feet high, 50 feet wide, and 15 to 18 feet deep. Although there will not be a flyloft, there will be a curtain; lighting will be from the overhead, the side walls, and the balcony edge.

At one time, there were rumors of a chapel being included in the plans, probably in the basement; according to Hertenstein, the idea was dropped because of the nearly endless ramifications connected with such a plan; other reasons include the large number of nearby churches of varying denominations and, logically enough, a lack of funds. Instead, the basement will have a room for musical rehearsals and a room for the Women's Club. The rehearsal room will have a movable partition to permit splitting it into two separate rooms.

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# From Other Campuses

by Richard Karp

Each year Stanford has its "Greek games." This is a competition where each fraternity enters a girl and she captains a fraternity team in several random events. Points are awarded to winners, and the grand winner is declared queen of Greek week.

This is a standard, typical function of any campus with fraternities. Unfortunately, ATO at Stanford has complicated matters. Apparently, ATO's entrant into the contest for 23 years has been a real, four-legged type pig. The entry for this year is called Peaches XXIII.

A letter writer in the Stanford Daily bemoans the entry's apparent loss of the contest: "Despite the fact that two mighty ATO warriors . . . pulled her across the line in the swiftest time of all, she has not received her laurel wreath . . . How long will this heresy go on? How long, oh, how long, America!!!"

What can the response be but a solid OINK!

## Tulane Integrates

Tulane University, which it was noted before Christmas was preparing to integrate voluntarily, has done so. The Tulane Hullabaloo noted that Friday, January 25, registration day, was

the day that 11 Negro students registered without any incident or violence. Of the 11 students, eight were teachers at other Southern colleges. The admittance of the students marked the first Negro admission in 129 years.

## Beadle Does Well

Dr. George Beadle, past chairman of the biology department at Tech, is doing well in his present job — president of the University of Chicago.

The Chicago Maroon writes that "A drive to raise funds for the restoration of Frank Lloyd Wright's famed Robie house will begin Monday when the deed to the 54 year old house will be presented to U C President George Wells Beadle."

For those who think that this is a small donation, it is noted that "A Committee including many prominent architects will attempt to raise the \$250,000 needed to renovate the house." Any house that needs a quarter of a million bucks to renovate must be expensive!

## Old Stars

(Continued from page 1)  
the University of Michigan.

The three stellar antiquities must have been born during the first billion years — perhaps even the first 100 million years — after the first stars of the Milky Way Galaxy were formed and tapped sources of nuclear energy. The galaxy, which is about ten billion years old, now is inhabited by something like 100 billion stars, including, of course, the sun.

Results of the chemical analysis, reported today, are useful because they give astronomers a look back in time to the composition of the galaxy when it and, indeed, the universe itself were very young. Major differences were found in the chemical composition of these old stars, compared with younger stars, which corroborate the currently accepted theory of the evolution of matter.

Photographs of the spectra of these stars were taken with the 200-inch Hale reflector and the 100-inch Hooker reflector of the Mt. Wilson and Palomar Observatories. Such spectra separate the light from a star into the characteristic wavelength patterns radiated by its atoms, thereby disclosing its chemical composition. The technique also reveals a star's surface temperature and motions.

## ROTC Officers

(Continued from page 1)

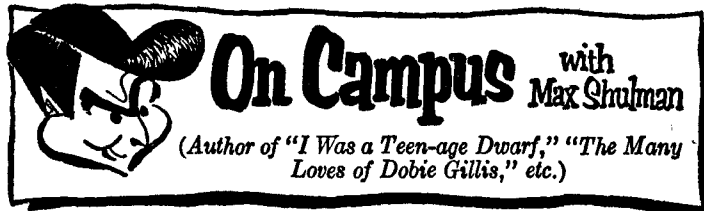
ard, all juniors, in the Squadron Staff.

New Flight commanders, responsible for the leadership training and competitive spirit of the men in the Corps, are juniors Barry W. Peterson, John H. McCoy, and Charles H. Holland. Sophomores in squadron jobs for the first time are Barry W. Dinius, First Sergeant and George A. Repasy, Special Projects Sergeant.

New flight sergeants are Cadets Steven Hall, Gerhard H. Parker, and DeWitt A. Payne.

Corps activities for the rest

of the year will include visitations and tours through local aerospace facilities, such as Lockheed, Space Systems Division of North American Aviation, and JPL. Also planned are more base tours, athletic competitions, and matches by the rifle team and drill team. Main focus now is on the third term field exercise. This generally consists of competitive tactical problems set in mountainous regions, with each flight going into field organization of command. Emphasis in the exercise is on unity of effort by each flight's squads, communication techniques, and decision making in the field by small units.



## THE CURSE OF THE CAMPUS: NO. 1

Hate me if you will, but I must speak. We college types are far too complacent. Sure, we've got plenty to be proud of. We've got atom smashers, we've got graduate schools, we've got new peaks in scholarship, new highs in academic honors. And yet, in the midst of these triumphs, we have failed dismally to make any progress in solving the oldest and most horrendous of all campus problems: we've still got roommates.

To be sure, all roommates are not bad. There is the well-documented case of Hilquit Glebe, a student at the Manhattan College of Agriculture, majoring in curds and whey, who admitted publicly that he actually liked his roommate—an odd admission when you consider that this roommate, Mervis Trunz by name, was frankly not too winsome a fellow. He practiced his tympani in his room, he kept an alligator, and he collected airplane tires.

But, on the other hand, Mervis bought two packs of Marlboro Cigarettes every day and gave one of them to Hilquit and—I ask you—who can stay mad at a man who gives you Marlboro Cigarettes? Who, upon tasting that flavorful blend of Marlboro tobaccos, upon drawing through that pure white Marlboro filter, upon exulting in this best of all possible cigarettes, Marlboro—who, I say, can harden his heart against his neighbor? Certainly not Hilquit. Certainly not I. Certainly not you, as you will find when you scurry to your nearest tobacconist and buy a supply. Marlbors come in soft pack or Flip-Top Box. Tobacconists come in small, medium, and large.



But I digress. Roommates, I say, are still with us and I fear they always will be, so we better learn how to get along with them. It can be done, you know. Take, for instance, the classic case of Dolly Pitcher and Molly Madison.

Dolly and Molly, roommates at a prominent Midwestern girls' school (Vassar) had a problem that seemed insoluble. Dolly could only study late at night, and Molly could not stay awake past nine o'clock. If Dolly kept the lights on, the room was too bright for Molly to sleep. If Molly turned the lights off, the room was too dark for Dolly to study. What to do?

Well sir, those two intelligent American kids found an answer. They got a miner's cap for Dolly! Thus, she had enough light to study by, and still the room was dark enough for Molly to sleep.

It must be admitted, however, that this solution, ingenious as it was, had some unexpected sequelae. Dolly got so enchanted with her miner's cap that she switched her major from 18th Century poetry to mining and metallurgy. Shortly after graduation she had what appeared to be a great stroke of luck: while out prospecting, she discovered what is without question the world's largest feldspar mine. This might have made Dolly very rich except that nobody, alas, has yet discovered a use for feldspar. Today Dolly, a broken woman, squeezes out a meagre living making echoes for tourists in Mammoth Cave.

Nor has Molly fared conspicuously better. Once Dolly got the miner's hat, Molly was able to catch up on her long-lost sleep. She woke after eight days, refreshed and vigorous—more vigorous, alas, than she realized. It was the afternoon of the annual Dean's tea. Molly stood in line with her classmates, waiting to shake the Dean's hand. At last her turn came, and Molly, full of strength and health, gave the Dean a firm handshake—so firm, indeed, that all five of the Dean's knuckles were permanently fused.

The Dean sued for a million dollars, and, of course, won. Today Molly, a broken woman, is paying off her debt by walking the Dean's cat every afternoon for ten cents an hour.

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We, the makers of Marlboro and the sponsors of this column, will not attempt to expertize about roommates. But we will tell you about a great pocket or purse mate—Marlboro Cigarettes—fine tobacco, fine filter, fine company always.

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March 1, 1963

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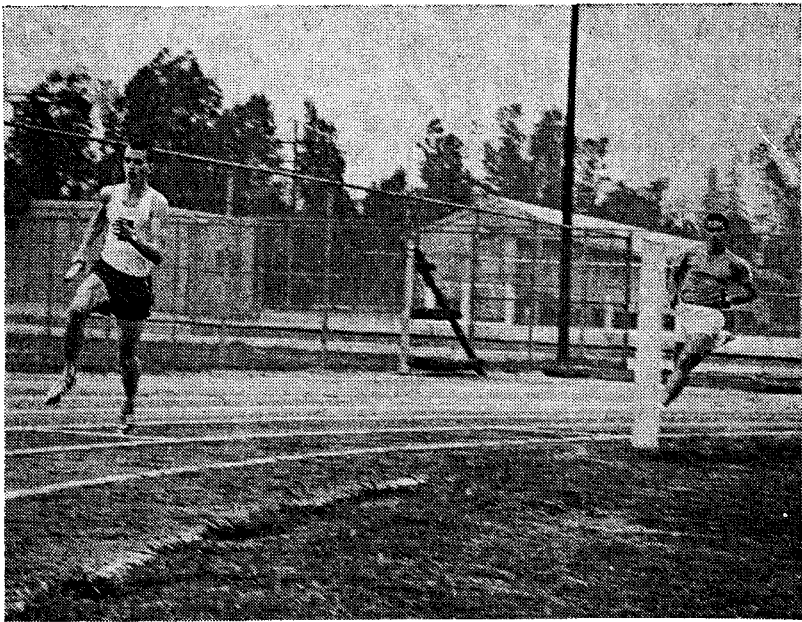
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—photo by the mole

Techman Ken Brown leads Redlands runner in 440 yard relay. The Beavers won the event.

# Trackmen Open With Redlands

Caltech opened its track season last Saturday in an unofficial relay meet with the University of Redland held at Tournament Park. The Beavers looked strong in the sprint relays and did well in the field events; however, on the whole, the Bulldogs dominated the meet as they captured nearly every event.

In the 440 yard relay anchor man John Lindsey finished a good ten yards ahead of the Redlands man for Caltech's only running victory of the day. Other sprinters on the team were Al Cooper, Ken Brown, and Will Saam. Earlier in the day this same quartet came close to taking the 880 yard relay. Tech was leading at the end of the first 220, but a dropped baton set them back 40 yards. Although they regained some of this deficit, they never really had a chance of overtaking the Redlands team.

The mile relay was a close match all the way, but Redland's finisher nipped Lindsey at the wire for the victory. The Beavers turned a time of 3:30.0 with splits of: Brown (:53.6), Charlie Ryavec (:52.6), Saam (:52.5) and Lindsey (:51.6).

In the pole vault Steve Garrison took second with personal best of 12' 6". The Redland's vaulter turned in the best performance of the meet as he waited for every one else to foul out before he started vaulting at 13' 6". Using a fiber glass pole he cleared 14" before barely missing 14" 6" on his third try.

In other field events George Radge spun the discus 137 feet and Bill Schoene threw the javelin 173 feet. After a long layoff John Lecher came out to place second in the high jump at 5' 10".

Although the freshmen ran well in the sprint relays, they were unable to overcome Redland's flashy anchor man who came from behind to win in several events.

Next Saturday Caltech travels to Claremont for a relay's competition with several other schools in the area.

# Hoopsters Drop Pair Over Weekend

In two weekend encounters, Caltech dropped a pair of basketball games to Whittier, 69-44, and Pomona, 69-45.

Against the Poets the Beavers really had problems the first half of the game as a long cold spell was manifested in a 42-16 half-time score. The second half was a different story, however, as a fired-up Tech team lead by guard Chuck Vinsonhaler out-

scored the Poets, 28-27. Unfortunately the effort was not enough to overcome the 26 point halftime deficit, and the final score was Whittier 69, Caltech 44.

The Pomona game was just the opposite of the Whittier game. In the first half of the game the Techmen played excellent ball as they exchanged the lead several times with the Pomona team until a few minutes before the half when some hot outside shooting by Pomona gave them a nine point bulge, 35-26. However in the second half the roof caved in as the Beavers were not able to score for over six minutes. During this time Pomona, taking advantage of the Beavers cold

dominated league play in the last few years, but most of their top men graduated last year and Saturday's match should be an exciting one. Also, at a meeting last week the tennis men selected Ted Gibbs and Plaut as co-captains of this year's team.

The frosh tennis team lost to the Pomona frosh by the score of 7-2. Beaver winners were Dario Iacuelli in singles, 6-2, 6-2 and Jeff Pressing-Richard Silver

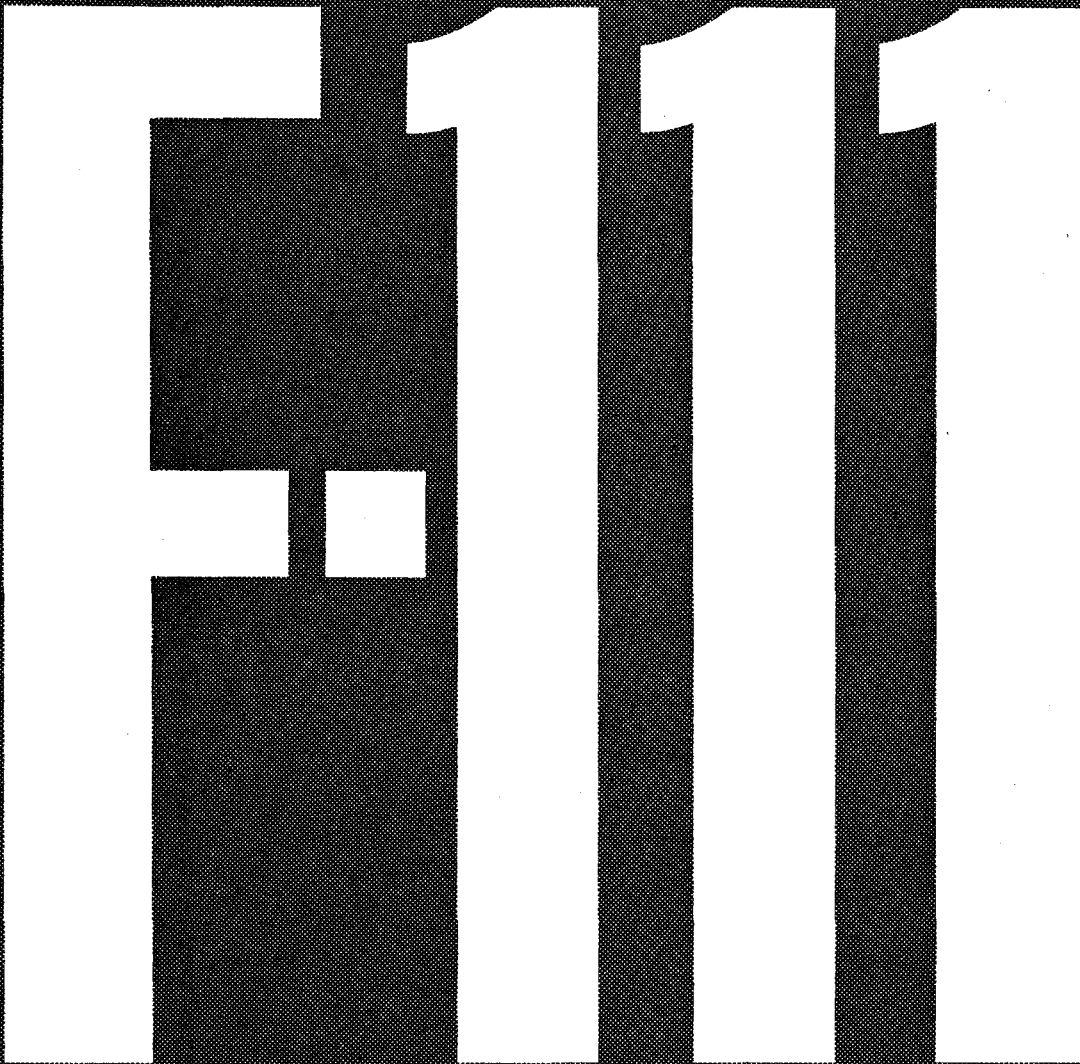
spell, managed to run up a 25 point lead. From that point on, both teams scored at about the same rate for the rest of the contest, but Pomona with fine rebounding held their advantage.

Although the Techmen lost they were glad to have Mike Perlman back on the squad again after he had been forced to sit out since the beginning of second term with a badly sprained ankle. Although he was still not quite up to par, Pearlman pulled down four badly needed rebounds during the few minutes he was in the game.

Scoring for Caltech:

	Pomona	Whittier
Joe Weis	9	10
Gary Dahlman	8	1
Volker Vogt	8	5
Tom Bopp	7	
Dick Burgess	6	10
C. Vinsonhaler	6	15
Mike Perlman	1	15
Leon Thomsen		1
Guthrie Miller		2

This weekend Caltech plays its last two games of the current season. On Friday, Caltech travels to Claremont-Harvey Mudd for the final conference game, and on Saturday the Techmen host La Verne to finish things off.




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# Matmen Top CHM 26-5 Beaten By IVC, 23-16

The Caltech wrestlers won their first official match of the season by beating CMC 26-5, but lost their third exhibition match to Imperial Valley J.C. 23-16.

Akira Yoshida wrestled 123 at Claremont because CMC didn't have a 115 pounder. Even though he was working against more than ten pounds of weight disadvantage, Aki controlled his opponent during the first two periods and pinned him in the third with a bar arm combination. Dick McGehee, wrestling 130, took his man down with a single leg pickup and proceeded to pin him in the first period. Larry Wolfson, at 137, also got a single leg pickup and showed excellent speed in staying behind his opponent for the rest of the first period. Larry was not awarded a reversal in the second period when he got a cross body ride, and fell behind his opponent in the third period to lose 7-4.

Chuck Palmer won an exciting match at 147 by reversing his man on two occasions as the bell was sounding. Dave Falconer took his man down quickly in he first period with a leg hook and went on to pin him in the second. CMC forfeited the 167 weight class. Doc Speir wrestled 177 and piled up a score of twelve points but was frustrated from a pin by the bell. In the heavyweight class John Letcher lost a close match

5-3. Andy Kampe, Tom Latham, Ken Kosai, and Walt Paciorek wrestled short exhibition matches. Ken and Walt both got pins, while Tom and Andy won by decisions.

In the Imperial Valley match, Akira Yoshida lost to a very strong looking 115 pounder. Dick McGehee decided to see what would happen if he didn't use his arms. He was pinned in the first period, but scored one reversal with his legs before the pin. Larry Wolfson and Chuck Palmer were both pinned. Dave Falconer won a well wrestled match 7-3. Tom Latham won 10-7, followed by Doc Speir and Andy Kampe who both got pins. Heavyweight John Letcher walked off the mat muttering "I was robbed" after he had unwittingly pinned himself while applying the guillotine to his opponent.

The wrestling team has shown improvement in the last two matches, especially in conditioning. The wrestlers should prove strong in their return matches with Long Beach State J. V. and CMC.

# Swimmers Beat El Camino and PCC in Debut

Caltech's varsity swim team managed to return victorious from the first meet of the 1963 season. Caltech met Pasadena City College and El Camino JC last Friday in the PCC pool in a double dual meet. Tech decisively defeated El Camino 61-30 but had to come from behind and win the final event to edge PCC 50-44. The meet was not marked by many outstanding performances on the part of Tech swimmers but the results are encouraging for so early in the season.

Tech won the first event, the medley relay, by virtue of the disqualification of El Camino. Dave Seib and Bob Jenkins placed second and third in the 200 yd. freestyle and Bruce Chesebro followed with a victory in the 50 yd. freestyle with the good time of 23.1. Art Turner then placed fourth in the individual medley and D. Demirlioglu was second in the 200 yd. butterfly. Chesebro returned to win the 100 yd. freestyle in 52.5, with Mike McCammon placing fourth. Jim Shaw and Art Turner placed first and second in

# Frosh Basketballers End Dismal Season This Weekend

Since winning their opening game of the season, Caltech's freshmen basketball team has lost its last thirteen games. Last Saturday, John Tucker, the top frosh scorer returned to action, but his presence was not enough to offset Pomona's superior speed and shooting as the Beavers went down 73-57. Starting for the freshmen were Jim Pearson and Captain Jerry Yudleson at forwards, Cliff Tedder at center, and guards Mike Ashbacher and Frank Potter.

Caltech trailed Pomona by nine points at the half, 34-25, but then hit a cold streak during the first six minutes of the second period,

the 200 yd. backstroke as Shaw's winning time was 2:38.1. Seib placed fourth in the 500 yd. freestyle and Al Huber took fifth in the 200 yd. breaststroke. At the end of these events PCC led Tech 44 to 43, but the Beaver's freestyle relay team edged out the PCC team by four-tenths of a second to assure the victory. Chesebro's anchor leg in a fast 51.0 was the important factor in this crucial victory.

(Continued on page 6)

scoring only one point to enable the Sagehens to take an insurmountable lead. Potter and Pitcher led the freshmen with 12 and 14 points respectively.

The most exciting frosh game of the season occurred a week ago last Tuesday against Whittier. An inspired team effort, led by Ashbacher, enabled the freshmen to take an eight point half-time lead, and build a twelve point cushion with twelve minutes left to play. Whittier gradually chipped away at the deficit and helped by poor Tech free throwing they managed to tie the score with three minutes to go and went on to win, 59-55.

The return of Tucker, after a six game absence because of injuries, will help the frosh as they enter the final week of play, having been troubled all season by injuries, sickness, and drop outs, the freshmen have seldom been able to field a full healthy squad for any one game. However, the entire team should be in action as they travel to Claremont for a Friday night game and face La Verne here on Saturday. Both tilts start at 6:30 P.M.

## THE BELL TELEPHONE COMPANIES SALUTE: DALE NORBLUM

Dale Norblum (B.S., 1960) is Accounting Operations Supervisor for the Mountain States Telephone Company. In Denver, Dale and four supervisors on his staff spent three months preparing an operations plan to be used with a new computer soon to be delivered.

When the equipment arrived, Dale was put in charge of the computer facility where Long Distance billing is

processed. With a variety of accounting jobs destined for future handling by the computer, Dale's know-how in this area is invaluable to his company.

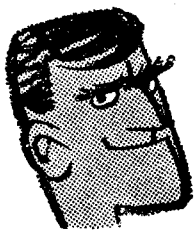
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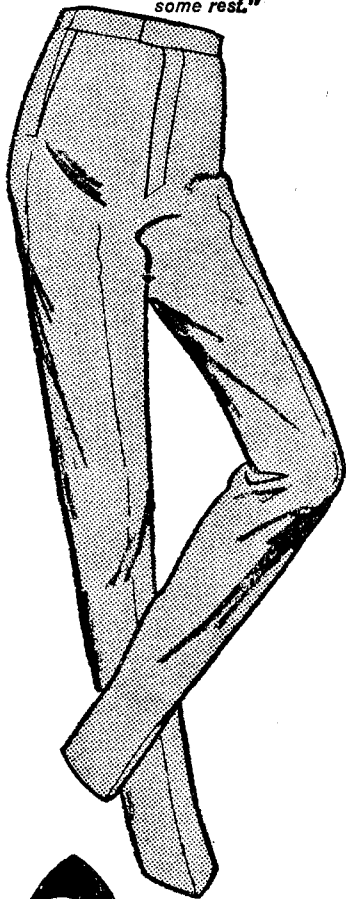


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# grad rattles

BY JOHN KING  
The Loser

Lonely now, returned from town, from the Giggolo, pick-up joint, beery faces, sweating twistlers fuse together, form a pointed redlit, cigaretted picture.

Drummer, two guitars, electric, Greasy singer, from a mural, Silhouette this grubby vortice, Of twisted bodies, pounding feet — Tomorrow morning's bleary typists.

Beer, a mug, fifty cents. The music blares, I spot a chick. We dance, she chews her gum, I ask her name, pray she isn't dumb . . . "Veronica" . . . she doesn't look it.

The music dies, we part, another smoke. I spot a fag, we approach, exchange a glance. He looks away, looks back again, returns to beer — spotting me for what I am.

Suddenly the place, I hate it, hate the faces, hate the lights, hate the bodies, the noise, the smoke, the smell, rise to go, knowing—I'll be back tomorrow night. So?

Having been in absentia for a considerable portion of the last two weeks I'm not very qualified to report on graduate goings-on though I am quietly doubtful that such goings on existed. And feeling generally rebellious I don't think I'd degrade myself to write about such stuff anyway. But I will tell you about the four bands of bagpipers that marched in the rain in the Chinese New Year's parade in San Francisco last week, and how Marvin and Barbara Garson are preparing to publish a nickel fortnightly of Socialist Discussion and Obscene Poetry, and how . . .

What else is new?  
Looks like you won't hear

## More Egypt

(Continued from page 1)

Nasser's party) has the purpose of rallying peasant masses to nationalism and selecting persons from them who might have ability for further training and indoctrination.

Along with their economic and political problems, the generation of nationalism is a central problem in Egypt. Until the leaders can expect nationalism, they cannot move into the modern area, and assume a place in international politics.

## More Tennis

(Continued from page 4)

in doubles, 6-4, 6-3, 12-10. Despite this loss the frosh team, consisting of Val Ellis, Bob Kepner, Jay Pearlman, and Dave McCarroll as well as Silver, Iacueli and Pressing, should have an excellent season. Kepner is the captain of the squad.

## Swimmers Win

(Continued from page 5)

The squad faces some stiff competition this week, traveling to Santa Monica on Thursday to meet Santa Monica City College and to LA State on Saturday to battle LA State, Arizona, and UCLA. The Frosh team will get its first competitive test on Saturday when CIT meets the UCLA Frosh at UCLA.

about those things as the editors have demanded this weeks column be "unartsy and real gossip." (Editor's note: It's too late.) Okay. Hallenger shaved his beard. Hensley, Fournery, and King are growing theirs. Danenberg and Itzkowitz are obnoxious as ever. But good guys since from Brooklyn. Klineberg struck out on the redhead Friday night. Stan Melson used to play the accordion back in Alberta (Canada). Eventually he ate it. Mike Yarus is a father, not sure if girl or boy, but Mazel Tov anyway.

Have the decency to answer the Y questionnaire.

### Nothing

Picture it. Barrie Logan, quietly plastered, fifth of bourbon in one jacket pocket, pint of gin in other, bottle of wine crammed into pants pocket, tottering in, declaiming sobriety.

One statement about everybody so nobody will feel left out! You're all in a rut.

## Annual Y Election To Be Held Soon

The Caltech YMCA will hold its elections for the coming year on Tuesday, March 5, at 6:30 p.m. in Chandler Dining Hall. There will be a dinner meeting at 6:00 p.m., followed by the elections at 6:30. Undergraduate meals may be transferred.

The offices open for election are president, vice-president, secretary, treasurer, and publicity director. Nominations are open for all Y members until the time of the election, but it is traditional for candidates to write a brief statement to be distributed to all Y members. Deadline for the statement is Tuesday, February 26, and statements should be 50-75 words long for all candidates except presidential. Presidential statements should be 100-150 words.

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