

## "Off-Campus Alleys" Underway In Frame Houses

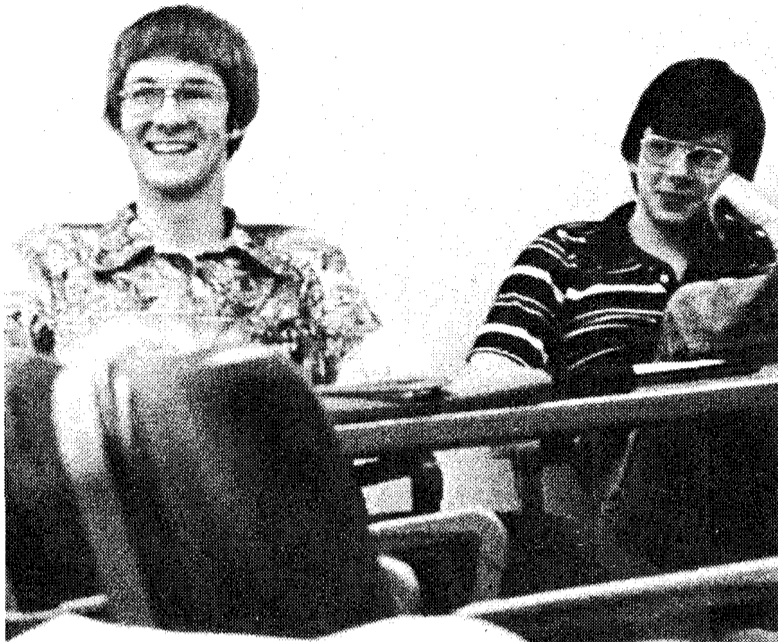
By Tom McCabe

In an effort to provide a short-term solution to next year's student housing problem, four nearby Institute-owned frame houses will be renovated over the summer and used as off-campus alleys of the student houses next year. In addition, more apartments will be available to undergrads at the Institute-owned complexes on S. Chester and Del Mar.

Because of the growing student body, the Master's office had expected to have fifty more frosh than they would have had room for in the student houses next year. Therefore, in early March the Faculty Housing Committee, together with student and administration representatives, decided to "create options" by telling the current residents of the Institute houses, located on S. Holliston and S. Wilson, to leave by the end of May. These people have been living in the houses, supposedly with the understanding that the Institute could use them for student housing at any time if necessary. Dr. Lee Silver, chairman of the Faculty Housing Committee, stresses that these are only options, and that no definite plan can be formed until the actual student housing demand for next year is known. The demand should be known in the next few weeks, as pre-frosh, transfer students, and current student house residents make their housing requests.

Lloyd, Ricketts, Dabney, and Page have all volunteered to annex one house each. The idea will be to keep each annex as similar as possible to a student house alley, under house leadership and with its own UCC. Maid service will be provided, and all incoming frosh will be required to go on board contract for the first year. Each annex will have an equal number of frosh and upperclassmen, probably chosen by a process similar to the way in which rooms are presently assigned in houses. The final goal, as Dr. Silver puts it, is to "provide for as many students as possible the experience of living in the houses."

Non-student residents of the apartment complexes have also been told to leave, opening up over twenty additional places. It is hoped that upperclassmen from the student houses can be encouraged to move into the apartments, thus leaving more room for freshmen on campus.



ASCIT President Bert Wells (left) and IHC Chairman Eric Kaler can't seem to keep a straight face as they listen to some of the budget requests at Wednesday's budget meeting. Photo-Al Kellner

## BOD Approves Record Budget, Dues Hike Seen

By Kevin Drum

A record ASCIT budget was approved by the Board of Directors Wednesday night in a session marred in many people's minds by the conspicuous lack of refreshments. A total of \$16,465 was approved unanimously with an additional \$2990 likely to be approved at a later date. The \$2990 represents the salaries of various publications editors (including the editors of this esteemed tome of information). The Executive Committee will have to interpret exactly who should pay the salaries of these editors. The matter was brought up when the *Tech* editors noted that their salaries were not listed in the budget. In fact, *Tech* editors' salaries have traditionally been paid by the *Tech*, despite the fact that the ASCIT bylaws indicate that they should be paid by the BOD. The Excomm decision will clarify the situation, and they are expected to rule that the BOD pay the salaries of all publications editors. Thus, if the Excomm pulls no surprises, the total budget for 1977-78 will be a record-setting \$19,455.

### Raising ASCIT Dues

One of the most important things to come out of the meeting was a resolution made by Ray Beausoleil to "seriously consider" the prospect of raising ASCIT dues. The dues, which are currently \$22, have not been raised for over fifteen years and inflation has apparently caught up with Caltech. The budget approved was \$455 over the

previously agreed upon maximum of \$19,000.

About forty proposals were submitted. The breakdown:

1) The Caltech Amateur Radio Club asked for \$400. Since no one there justified the budget, and since the club has very few members, the request was cut to \$75. The BOD considered proposals on the loose basis of approving about \$5 per ASCIT member in the club. The allocation for the Radio Club was made on the basis that \$75 was the minimum for that club to stay solvent.

2) Alpine Club asked for \$80 and was allocated nothing because there was no one there to justify the request.

3) Blood Drive prizes amounted to \$100. This was, essentially,

Continued on Page Three

## Mayer Proposes Solutions To Undergrad Problems

By Bob Morrison

In an effort to improve social and academic aspects of undergraduate student life at Caltech, Jim Mayer, master of student houses, has proposed some solutions to the problems of student transfers, student leaves-of-absence, and the housing crunch. As a result of his direct involvement with moving a large group of people into an insufficient number of rooms, with students who want to be transferred out, and with increasing complaints about many of the students' living problems, Mayer has sought ways to alleviate these difficulties.

After visiting three universities and receiving advice from outside consultants, Mayer decided to work with these problems more deeply than has been done in the past, when dancing and cooking classes and the like were implemented to improve student life.

### Identifying the Problem

He has found that one of the principle obstacles is the need for concrete factual information. Just how many students need help is a difficult thing to ascertain, especially since there are many who want out, but don't do anything about it because they don't want to admit that they can't make it. As a result, these people have an academic burden that they can't handle, which magnifies other problems, occasionally to the point where the student feels worthless. Many of these people do not indicate their problems to anyone until they decide to leave, and since obtaining data on the psychological status of people is virtually impossible, the only indicators Mayer has of the problems are student complaints and discussions with students taking leaves. A numerical indication of troubled students isn't available from either the Health Center or House R.A.s, because of the need to preserve the confidential nature of these records.

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Dr. Simon Ramo

## Caltech Trustee To Teach Business Course

By Etaoin Schroedlu

One of Caltech's best-known alumni, Dr. Simon Ramo (PhD '36), will be teaching a course at Tech next year on technology and business. Dr. Ramo, a trustee of Caltech, is Vice-Chairman of the Board of TRW, and is one of the founders of that company (the "R" in TRW is for Ramo), which is one of the largest technological corporations in the country. TRW had sales of \$2.6 billion in 1975, and ranked 71st in the *Fortune* 500 largest U.S. firms.

The course is BEM 100, and Dr. Ramo will be teaching the winter quarter. The fall quarter will be taught by David Morris.

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## The Week In Review

By Kevin Drum

President Jimmy Carter in his most important speech to date, warned of a possible "national catastrophe" if a comprehensive national energy program is not undertaken immediately. His program, which he proposed to Congress Wednesday, included ten "fundamental principles" which included strict conservation measures, energy independence, and fair treatment for all sectors, which he said meant that he would not allow oil companies to profiteer.

Newspaper heiress Patricia Hearst surprised a Los Angeles Criminal Court Wednesday by pleading "no contest" to two charges of assault and armed robbery. Chief prosecutor Samuel Mayerson said that no deal had been made and that the additional seven charges had been dropped because "she pleaded to the counts that represent the [seriousness] of the crime." Miss Hearst could

be sentenced to anything from probation to life in prison.

Pakistan's Prime Minister Zulfikar Ali Bhutto announced that he would make major concessions to his political opponents in order to restore order to the turmoil-ridden country. The unrest started five weeks ago with charges that elections on March 7 had been rigged.

The sale of saccharin, banned by the FDA, will be allowed to continue in pills and powders, it was announced Thursday.

President Carter citing improved economic conditions, said that he is withdrawing his \$50 per person rebate plan, a major element in his \$31 billion economic package. The withdrawal came on the heels of severe opposition to the plan from Congress.

National Security Advisor Zbigniew Brzezinski said that he is in favor of regular talks between President Carter and Soviet leader Leonid Brezhnev. He said that he thought the talks should be "decoupled" from arms negotiations, which have suffered repeated setbacks recently.

In spite of last-minute appeals from the White House, Florida became the eighth state to block ratification of the Equal Rights Amendment. Florida's defeat, considered crucial, throws the future of the ERA into serious doubt.

President Carter announced Friday that he was setting a goal of a 4% inflation rate by 1979. Charles Schultz, chairman of Carter's council of economic advisors, said that inflation would continue to rise this year but denied that Carter's energy program would boost inflation 2-3%.

## Inside the Tech

A revision of the review of Caltech for the Yale University *Insiders' Guide to the Colleges.* Page 2

The Caltech track team loses to Ambassador but manages to beat the LA Police Department. Page 4

# Parry! Riposte!

The Editorial Page

## College Guide II

Here it is folks, the revised edition of the review of Caltech for the *Yale Guide to the Colleges*. We received a lot of response to the article, almost all negative, and we'd like to make a few quick remarks before reprinting it.

First, we owe the Caltech faculty an apology. Apparently our remarks about the teaching quality here were more severe than we intended them to be. It is impossible for us to really judge how good the teaching is at Caltech, since we get such conflicting reports from everyone. In the rewritten article, there are no comparisons to other colleges or universities.

Second, it has been made painfully clear to us that the original article, written by a freshman (Drum) under deadline pressure, was not balanced. However, in the week that has passed, it has also been made clear to us that a large number of students here don't want to admit that there are a few things wrong with this place. The picture of Caltech presented in the following article seems to be what most people want us to write, but it is probably not balanced, either. A balanced picture would present the frequent problems that many Caltech students (those without GPAs in the stratosphere) have. Those who have no problems here should listen sometime to those who do. Next week (it would have been this week if our typesetting machines had not broken down) we will present a feature dealing with problems at Caltech. We hope that it will be read carefully.

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## A Review Of Life At Caltech

A popular saying around Caltech is that learning at Tech (as it is universally called there) is like drinking from a fire hose. This reflects the fact that Caltech offers one of the most demanding programs of study in the country.

The list of Caltech faculty is impressive. From Nobel Prize Laureates Richard Feynman, Murray Gell-Mann, and Max Delbruck to Mariner TV innovator Robert Leighton and noted Africa expert Ed Munger, Caltech abounds with creative, top-notch scholarship. Although the faculty at Caltech is chosen primarily for its research ability, students report that most of their instructors do a good job of teaching.

Unlike at many other colleges (and as might be expected), classwork does not stop when the Caltech student walks out of his class. Most Caltech students are intensely dedicated to their academics and spend a great deal of time helping each other with their classwork. Although the pressure is high, there is little of the cutthroat competition characteristic of highly competitive schools. However, because Caltech students are required to take heavier loads than at most other colleges, Tech is not a place for someone who is unwilling to work.

One of the most important reasons that Caltech is the best math/science school in the country is the abundance of opportunities to do original research. With only a moderate amount of initiative, even a freshman can become involved in a research group in almost any field. Students who do not get involved in research during their years at Caltech often find that they have missed out on the best that Tech has to offer.

The literature sent out to prospective applicants notwithstanding, Caltech still is unable to offer a very well-balanced education. Despite major efforts made by the Division of Humanities and Social Sciences in recent years, Caltech is not yet able to offer competitive programs in that division. However, Caltech's innovative social science program is being watched with interest by some of the leading universities around the country. About a quarter of the classes a Caltech student takes is required to be in the HSS Division. However, more than three times as many stu-

dents exercise their pass/fail option (limited to one course per term) in HSS courses as in science and engineering courses (although this may be due simply to the fact that so few Caltech students have majors in that division).

Although Caltech students are intensely interested in their studies, most of them are not geniuses with slide rules who hole up in their rooms all day (although the breed does exist there). Most of them take breaks from the drudgery of intense study, usually by participating in semi-organized activities in the student houses. The student houses are between dorms and fraternities in purpose. Students show fierce loyalty to their houses, and Caltech students are known for their penchant for pranks, usually pulled off by the members of a single house. Still, social life does not come easily at Caltech; it has to be worked for.

Off-campus housing has become increasingly popular of late, with nearly one-third of the undergraduate population off-campus. Off-campus students have several choices: they can live in one of several institute-run coops, they can commute from home, or they can live in many of the nearby apartments. Stu-

dents list various reasons for moving off campus, among them the quieter, more private atmosphere, and getting away from school-provided food. In addition, some say that it is cheaper than living on campus.

Unfortunately for its students, Caltech is located in the middle of Pasadena, "a city that closes at 5 p.m." However, with a car—a highly recommended amenity—one can take advantage of the myriad social activities available in the greater Los Angeles area.

The Caltech student body organization, ASCIT, is completely independent of the administration (in fact, it is a legally incorporated body), as are all of the student publications. Interest in student body affairs is usually light, affording great opportunities for advancement in the student body hierarchy.

ASCIT has one of the most successful relationships with administration and faculty of any college in the country. This is typical of the openness of the administration there. Because the administration is composed largely of faculty members, red tape is minimal, and administrators are usually accessible. Because there are student representatives on all faculty

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## Letters To The Tech

To the Editors:

The Musicale is a room in Fleming Basement that has an excellent collection of classical music records and used to have a good stereo system (it was stolen last spring vacation). For \$1, any Techer could have a key and unlimited use of the records (within the room—no borrowing). Most evenings, you could find a troll there doing physics and soothing his brain with a Bradenburg Concerto, or a music lover just taking in a Bartok quartet. After spring a year ago, the stereo was broken and Musicale use fell off dramatically.

Now, if no one expresses interest besides the handful who have already done so, Flora will probably give the room to one of several other activities that want it, and will not pay for a new stereo system. The Musicale could be a real boon to those of us who can't afford stereos or large collections of recordings.

Therefore, all who consider themselves Musicale members or would like to join if the stereo is replaced, should see Flora in 105 Winnett, or leave her a note before May 6.

Christopher Henley

## THE CALIFORNIA TECH

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## BOD APPROVES RECORD BUDGET

Continued from Page One  
money that was already spent.

4) Athletics was allocated \$1200, but because Athletic Manager Ray Gildner was not there and no one had been able to find him in the past week, the request was cut to \$1000. The \$200 savings came from reducing the ASCIT subsidy for letter jackets from \$25 to \$20. Letterers will now have to pay \$15 for their jackets.

5) Art Workshop was given nothing. Since that organization is sponsored by the Master's office and no one really knew how many people showed up for the classes, the BOD decided not to subsidize it unless someone could give them a good reason for doing so.

6) The Board of Control was given \$150 with no discussion.

7) The ASCIT Bus got its mandatory subsidy of \$750.

8) The *Tech* also received its mandatory subsidy—\$2400. Because the *Tech's* allocation is set in the bylaws, there was nothing that the IHC could do to stop the appropriation.

9) The Caltech Christian Fellowship was finally given \$440 after lengthy discussion. The allocation previously agreed upon by ASCIT President Bert Wells and Treasurer Mike Schwartz was \$400. However, the BOD decided to give the CCF its extra \$40 for refreshments.

10) Chauffered limousines were approved for the entire BOD at a cost of \$171,000. A request by the *Tech* editors for a chauffered Toyota was denied.

11) A request for \$390 for a cheerleading squad was left intact. The money, explained Leslie Paxton, would be one-time expense for uniforms. The cheerleaders will be Paxton, Susan Fuhs, Shevaun Gilley, Lynn Hildemann, and Lori Winkelstein.

12) The Chess Club was given \$20 to pay its U. S. Chess Federation dues despite the potentially damaging expose that no one outside of Dabney House belonged to the club.

13) The Caltech Chinese Students Association made a late request for \$350. They planned to expand their activities with the money, up from \$150 last year, but the BOD decided to curtail that expansion slightly in an effort to stay within the budget. The final allocation was for \$300.

14) The Caltech Cycle Federation, a new club, requested, and received, \$200 to set up a bicycle workshop.

15) Cinematech received \$550 for the next year. They asked the BOD to consider giving them an extra \$50 for an automatic two-reel changeover device, but the request was denied.

16) The Coffeeshouse was given its mandatory \$300.

17) The Educational Policies Committee was given \$150 with no discussion. The money is used for miscellaneous mailings and to buy plaques for the Teaching Awards.

18) The Executive Social Committee requested \$4000 but was given only \$3000. The BOD decided quickly that although the cause was noble, there was not nearly enough money to justify the request.

19) Expense accounts for the BOD members was unanimously approved at \$1,548,000.

20) The Men's Glee Club produced the longest discussion of the evening. Their initial request of \$800 was reduced to \$400 by Wells and Schwartz. At one point the following exchange

took place:

Wells: Why did we decide to give them \$400 anyway?

Schwartz: Because you said "Give them \$400" last Saturday.

Wells (to Leslie Paxton, who is laughing): Don't laugh at them, Leslie.

Paxton: I'm not, I'm laughing at you, Bert. You look like you're squirming.

Indeed he was. However, the Glee Club representative forcefully pressed his case, emphasizing that club members spend a substantial amount of time on club activities. He said that their annual tour costs about \$3600, and although they get \$5000 from Lyman Bonner, it is not enough to pay for additional costs of music and other things. Finally, the BOD backed down and approved the request of \$600.

21) The Woman's Glee Club received \$50.

22) The Hockey Club requested over \$300. No one was there to justify this request, so the BOD granted them \$125, even though they acknowledged that the hockey club was apparently in deep trouble.

23) ASCIT Insurance was approved for \$300. This insurance, with a deductible of \$250, covers theft of *Tech* equipment, jam room equipment, and other assorted ASCIT-owned valuables.

24) The IHC was given \$400, \$50 over the original request. The \$50 was for refreshments for the IHC meetings.

25) The jam room was given

\$200 partly to cover losses from the theft of some equipment last term.

26) The Karate Club was given \$90 because McDonnell threatened to kill the entire BOD if the appropriation was not approved (McDonnell's hands are deadly weapons).

27) Miscellaneous was stricken from the budget.

28) The Model Rocket Club was given \$75, primarily to buy an engine stock, amid chuckles from the BOD.

29) The Model United Nations was given \$225.

30) The ASCIT Movie was approved for \$2200, down from a request of \$2480. The cut means that 28 movies will be shown next year (the same as this year) instead of the planned 31.

31) The ASCIT Musical was put on the list of unapproved-but-likely-to-be-approved appropriations (along with the publications editors' salaries). The proposed amount is \$500.

32) ASCIT BOD overhead was listed for \$450.

33) This year's ASCIT/GSC party was given \$400, which was convenient since the money has already been spent.

34) The Sailing Club was given \$200 to help them buy a boat.

35) *Big T* salaries were tentatively set at \$800.

36) BOD salaries and benefits were appropriated \$781,000.

37) The *little t* salaries were tentatively given as \$250.

38) A proposal to make the TQFR editor a salaried position of \$400 per year was tabled.

## All the News That Fits

Parry Riposte!

There will be an organizational meeting involving the formation of an argumentation and debate club on Thursday, April 28, at 7:30 p.m., in Clubroom No. 1 on the second floor of Winnett Center. For more information, see Dr. Robert Oliver (Baxter) or Doug Rountree, 47 Dabney House.

From Russia With Lunch

Professor Valentina Zaydman will speak at a Caltech Y Noon Discussion to be held in the Y lounge on Wednesday, April 27. Prof. Zaydman, who immigrated from Russia three years ago, is a lecturer in Russian at Caltech. This year she was one of the recipients of the ASCIT award for Excellence in Teaching.

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## YALE GUIDE TO COLLEGE

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committees but one, students have more of a voice in institute affairs, than at most other universities.

One of the most remarkable facets of Caltech life is the honor system, which states simply that "no member of the Caltech community shall take advantage of another member." The system is run entirely by students, and, unlike at other universities, it really works. Students are intensely serious about the honor code, which also extends to the faculty. The effectiveness of the honor system is symbolized by take-home exams (almost universal), and the fact that one doesn't need to worry about not locking his door. Also, Caltech students have after-hours access to libraries and buildings and enjoy many other privileges that exist only because they are not abused.

Given the peculiar nature of the school, one shouldn't be surprised to learn that Caltech has a high transfer rate out, although much of this is due to the academic specialization of the place. Nearly 30% of each class leaves in search of a slower-paced, or more diversified, program. Many simply cannot relate to the heavy emphasis on science. For some, the intense, but largely self-motivated academic pressures become too much.

In conclusion, if you're not already set on science as a career, Caltech is best moved down on your list of prospective colleges, for this is no place to weather an identity crisis. But if you are truly interested in science (and have 800-type Math Achievement Test scores to prove it), the school can be a really terrific experience.

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# Track Team Defeats LA's Finest

By Tommy Trolljan

Caltech's track team is looking better by the week. Tech lost to Ambassador, 81-57, which is not a substantial margin, but beat the Los Angeles Police Department, 57-41, in a triangular meet last Friday, April 15. The next meet will be at L. A. Baptist College on Saturday, April 30. The following week, the SCIAC Finals will be held, and Coach Leroy Neal indicates that there might be a few surprises.

### Field Events

In the shot put, Berg of Ambassador had the winning mark of 37'1". Norm Murray placed fourth (29'7"), while Werner Pyka threw the 16-pound ball 28'8½" and Bill Graham heaved it 25'6". In the javelin, Brian Sutula tossed a 131'7" behind the 173'1" mark of Hinman of LAPD. In the pole vault, LAPD's Toledo cleared 10'0", with Tech's John Chu taking second (9'6") and John Hattick third (7'2").

Duane Boman took second in the long jump (20'1") behind Paysinger's winning leap of 21'5". Boman also placed third in the triple jump (38'4"), with Francis Mukai not far behind (38'1¼"). Sutula won the discus in 106'8", while Graham took fourth in that event in 82'9½". Greg Blaisdell took second in the high jump (6'0") behind Shepherdock's leap of 6'4".

### Running Events

Norm Murray concentrated on the sprints in this meet, and did very well. He ran a 10.6 100-yard dash (good for second place), and a 23.9 220-yard race (third place). The winners in the 100 and 220 were Smith of LAPD and Jantzen of Ambassador, respectively. Tech sprinters included Graham in the 100 (11.2) and Sutula in the 220 (24.4).

In the high hurdles, Caltech scored a one-two punch, as Boman placed first (16.6) and Murray took second (16.7). Ambassador's Jantzen finished fourth in 18.4. Coming off an injury, Stan Shipley took a close second in the lows (62.8) to Sumner of Ambassador (62.5).

Joel Okazaki is the new Tech talent in the 440, winning in a time of 54.0. Hattick took third (54.5), and Duane Gray fourth (55.8). In the 880, won by Cain

of Ambassador, Tom McCabe reaffirmed his ability by taking fourth place in the time of 2:04.5.

In the longer distances, Ambassador's Bosserman won both the mile and two-mile in times of 4:30.6 and 9:42.7. Rob Bourett took third in the mile (4:36.9) and Brett Van Steenwyk took fourth in the two-mile (9:55.8).

The relays were particularly interesting. Tech's 440 relay team, featuring the addition of "Blazin'" Greg Blaisdell, ran its best race of the year (45.5) to beat Ambassador. The mile relay also featured a season's best time, as Tech was in hot pursuit of Ambassador, running 3:38.5—just three seconds behind. The "B" team ran a 3:48.0.



Photo-Keeman Wong

Greg Blaisdell jumping to a 6'0" second place against Ambassador

## caltech sports

### UNDERGRADUATE PROBLEMS

Continued from Page One

Consequently, Mayer has tried to alleviate these problems by dealing directly with academic and social problems—with some success. Proposals for acquiring four additional residential homes and two apartment complexes have been approved, and these will be available for incoming undergraduates this fall. Approval for undergraduate counseling training sessions has been obtained. The undergraduate tutoring system, regarded as successful in its trial in a few houses, will be expanded and tried for two more years. Mayer is working on a program to assist in improving the ease of transfer "with some dignity" to other colleges. Also in the works are plans to rehabilitate the houses, which in many cases are badly in need of painting, carpeting, and other improvements.

The most emphasis has been placed on the housing problem, transferring students, and two undergraduate programs. The counselor training program, which is often used in other colleges, is believed to help undergraduate counselors deal with problems ranging from social relationships to drug abuse, and suicide. The withdrawn student is often more communicative to those who have gone through many of the same

pressures.

The tutoring program, widely regarded as successful in many ways, is another undergraduate assistance program receiving strong emphasis. Students don't often find their graduate TA around during those precious hours of nine to three, while the undergraduates would be easily accessible in the houses. Many students felt more at ease asking that "ridiculous" question fundamental to their understanding of the material when dealing with an undergrad TA.

Transferring is still another area of emphasis, with its associated problems of "flunk-in" and the psychological difficulties that occur with the student who tries to transfer out. In the past, Ray Owen and Jim Morgan have helped these people individually, often quite effectively. But, as Mayer indicated, often the ones who want, and need, to be out don't do anything because of various fears, including parental pressures and other students' reactions. The problem is worsened when the student waits too long, misses college application deadlines, and then faces his own declining GPA. Hence, Mayer is trying to find ways to ease the transfer to other colleges, although at this point, the student often needs to overcome internal feelings and talk to Ray Owen or to counselors about his problems.

### ALL THE NEWS THAT FITS

Continued from Page Three

#### Maximize Casualties

The Caltech Gamers will present a scenario of alien space on Saturday, April 23, at 7:30 p.m., in Clubroom No. 1. New players are welcome.

#### All That Jazz

The Warren Marsh Quintet will perform in Dabney Lounge on Thursday, April 28. The show, which begins at 8 p.m. is sponsored by the Caltech Y.

#### Cycling Federationists

The Caltech Cycling Federation will hold its next meeting on Tuesday, May 3, at 10 p.m. in Winnett. In the meantime, there will be a ride to Clear Creek (19 miles up the Angeles Crest Highway) on Saturday, April 23, beginning at 7 a.m. at the Athenaeum lawn. Some may wish to continue on to Mount Wilson. Also the Human Powered Speed Championships will be held on April 30 at Ontario Motor Speedway. For more information, contact Derek Davis, Maiden head, Blacker House.

### RAMO TEACHES BEM COURSE

Continued from Page One

roe, Caltech vice-president for financial affairs and treasurer, and will emphasize the principles of investment, managerial accounting, and finance. This part of the course is not explicitly required for the following parts, but it is strongly recommended, as the later parts of the course will assume familiarity with the material covered in BEM 100a. (Students who have taken BEM 100a in the past should find their backgrounds to be sufficient.)

Dr. Ramo will organize his course around lectures and readings from the point of view of the problems faced by technologically trained persons

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