Beausoleil & Excomm Want YOU!!

by Ray Beausoleil

Hi, it’s me again. Before the results of the first BOD meeting was announced, I’d like to apologize to the Placement Office for inadvertently slamming them last week. I claimed, among other things, that seniors can’t go anywhere for information on corporations, which is obviously true; that’s exactly what the Placement Office does. Sorry, I saw it.

The Institute as a whole, though, is still lacking in providing feedback for its future students. To be accepted by first-rate graduate schools (and, many cases, to get the best jobs), even Caltech students need superior recommendations. Many times, a student can exist at Caltech for four years and not get grades or work for a famous professor, and, as a result, begins grasping for straws; he often ends up in a field that isn’t really his favorite or even his best. This points out two flaws: first of all, students seldom have any idea of what is expected of them in particular fields until they start looking into their senior year. And your result for next year is not a good time to find out that your GPA average with no recommendations will not get you into a good graduate school; it also is a poor time to consider transferring.

The ACT Y has the right idea with its career counseling program, but we need something more permanent. That’s what I want the ASCIT Excomm to do. In addition to completing the leave of absence, I’d also like to get them to help Dr. Hunley rewrite the “Facts About Caltech” (yes, it’s being done). Anyway, if you want to get in on the act, tell Flora Boyer in Winnett Center.

One of my suggestions was for the乒乓球 to party on other campuses; All-campus mixers, Two- and three-house parties; A “sports day”, where students challenge the faculty in various feats of athletic endeavor, and following the format of the Frosh Camp softball game. If you’d like to see something else happen, tell her, or me.

ASCIT of Gentle Ray

by Eve Bennett

New humanities courses in the fields of history, literature, anthropology, economics, and psychology are being offered next term.

The History of Women in the United States (H166) will be taught by Professor Karen Blair. The course will stress the experience of the average woman and the roles she has played and continue on into the present. The social history includes the ideology of the lady's work at home, women's entrance into the wage-earning field, and feminist movements. Along with required texts, the course will use a wide variety of sources such as diaries, letters, and speeches; and local Pasadena sources such as the works of Charlotte Perkins Gilman.

Special Topics in Literature: Seminar on James Joyce (Lit 180) will be taught by Professor Randy Spliter. It will study The Dubliners, A Portrait of the Artist as a Young Man, Ulysses, and the challenging Finnegans Wake.

Neo-Marxist Approaches to Latin America (An 101c) will be offered by Professor Gary Wahl. It is a survey of the underdevelopment of Spanish Highland America from pre-conquest days to the present. It will particularly emphasize “free-market” imperialism in the past two centuries. The course is designed to give a student a knowledge of Latin American history as it pertains to the roots of present problems there.

Economics of Energy Policy (Ec 140) will be taught by Professor Donald Simon. It will be held on Mondays and Wednesdays, 2:30-4:00 pm. Dr. Barbara Fass will teach Psychology of Creativity (Psych 101). Readings will include the writings of the famous creative and research studies. Also, encouragement will be given for students to explore their own creativity.

As the Pierce game commenced, the ice rink echoed with , "One. Two. Three. Four. Who you going to root for? CALTECH! CALTECH! CALTECH!" This marked the first time that the Caltech fans have not only outnumbered their own players but have also outnumbered the opponents and their fans. The results, of course, were rewarding.

On the ice the game was a real battle, with the two teams accumulating a total of 39 penalty minutes, 9 of which went to the Caltech goalie, Jim Carscadden. "Hey man. I don't take no shit from nobody." was Jim's only post-game comment.

In addition, Pierce had two members ejected from the game. The first player was thrown out twice by the refs, and the other ejection occurred after the game ended when their assistant coach was expelled, for verbal abuse of the referee.

New Humanities Offered

by Grant T. Yokum

(1) The Game

The die is cast, the chickens are hatched and counted, and the airy ending is told. Barring an ending such as good graduate Ray, victory by the Beavers over Topics in Literature: (H166) will be as good as it gets. Students purchased seats on the Pasadena Ice Capades Chalet (bring your Sunday picnic lunch, it should be a piece of cake).
In times of bleak boredom, communication from afar can be one of the best remedies for the L.I.F. blues. Since I've been here, I've really come to appreciate getting mail from home and friends, and the presence or absence of a letter in the box can sometimes make or break a day for me. The mail system here at Caltech, which delivers twice a day, is very helpful and greatly appreciated. But I think that the absence of mail service on Saturdays is a fault which should be corrected.

The main argument against six-day postal service is that it would raise costs 20% from five-day service. But there are two freshmen (funny how we keep volunteering for things!) in Ruddock who have said they'd be glad to deliver the mail if they could get it from the post office. While this may seem like a trivial subject (not surprising, since it is one), the little things count, too, and I definitely support Saturday mail delivery for the future.

David C. Young

Guest Editorial

Each man must look to himself to teach him the meaning of life. It is not something discovered; it is something willed. These prison walls that this age of trade has built up around us, we can break down. We can still run free, call to our comrades, and march to hear once more, in response to our call, the pathetic chant of the human voice.

-Antoine de Saint Exupery

An undergraduate education at Caltech is a combination of failure, strife, frustration and accomplishment spawned by a highly competitive and pressured curriculum in a socially artificial atmosphere. It is intended to develop the finest scientists and engineers, and strives to do so with admirable success. Yet there are flaws in the process which, if altered properly, would create an atmosphere more oriented toward an appreciation of science and for each other. The workload here is oriented toward the solving of problems and is so heavy that in order to complete all of the required work one must exclude consideration of the motivations and relationships which exist within a given discipline and the relationship between the student and his work. We must forge ahead without being able to sort out for ourselves what we have before us. It makes science seem fragmented, whereas part of our education should be an appreciation of its fundamental unity. It is our experience that a true understanding and appreciation for the features (the limitations, inaccuracies, and beauty) of a discipline are arrived at by the individual in contemplation on his own. And it is our conviction that such an understanding is an essential element in the development of the inquisitive mind. Despite the lack of time or formal structure for this fact of education some students are fortunate enough to cope with the workload in such a way as to develop their education more fully. Most, however, are barely able to keep up with their work and lose sight of the quest into what they are doing and why they are doing it. Their dissatisfaction manifests itself in the Tech-Syndrome: whatever you do, do not discuss science in a public place—do discuss it with your friends; it goes under the banner of anti-intellectualism. And yet one would think that some of the everyday interaction of the undergraduates would naturally include enthusiasm for science. It does not, because students protest that they have time only to develop some understanding of the material, and thereby, do not have opportunity through their education to develop an understanding of their mind. In the years an undergraduate spends at Caltech he grows for an expression of the feelings he develops in reaction to its educational system. We have come across this short exposition by Albert Einstein which we feel is particularly descriptive of our feelings and hopes.

It is not enough to teach man a specialty. Through it he may become a kind of useful machine but not a harmoniously developed personality. It is essential that the student acquire an understanding of and a lively feeling for values. He must acquire a vibrant sense of the beautiful and of the morally good. Otherwise he—with his specialized knowledge—more closely resembles a well-trained dog than a harmoniously developed person. He must learn to understand the motives of human beings, their illusions, and their suffering in order to acquire a proper relationship to individual fellowmen and to the community.

These precious things are conveyed to the younger generation through personal contact with those who teach, not—at least not in the main—through textbooks. It is this that primarily constitutes and preserves culture. This is what I have in mind when I recommend the "humanities" as important, not just dry specialized knowledge in the fields of history and philosophy.

Overemphasis on the competitive system and premature specialization on the ground of immediate usefulness kill the spirit on which all cultural life depends, specialized knowledge included. It is also vital to a valuable education that independent critical thinking be developed in the young human being, a development that is greatly jeopardized by overburdening him with too much and with too varied subjects (point system). Overburdening necessarily leads to superficiality. Teaching should be such that what is offered is perceived as a valuable gift and not as a hard duty.

—Albert Einstein

From the New York Times

October 5, 1932.

It is hoped that this letter will provide a need for students and faculty alike to further reflect on the undergraduate educational process at Caltech, to evaluate their roles and consider how they can change to do so as better to educate the whole individual. We feel such concern can only serve to produce better engineers and scientists and finer human beings.

—Bruce Garney

Ernie Lewis

Jeff Hicks

The California Tech

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VOTE

As a former Caltech student concerned about my community, I have taken great interest in the pending Pasadena School Board election on Tuesday, March 6. Voting for two of the five seats is incumbent John Hardy and the Hickambottam for seat 4 and incumbent Jerome Meier and Celhy Nack for seat 2. Integration has been one of the most controversial school issues in Pasadena ever since the advent of busing in 1970. Opposition to the Pasadena Plan has been fueled by reactionary groups who feel a hole in one minority school board. The school board majority consists of Hardy, former, Dr. Richard Ketzerli, and Henry Myers). For the past two years they have been trying to appeal Federal court judge Real's decision to 1.000.000.

The challenges, Hickambottam and Nack believe that the Pasadena Plan has worked very well and that the transfers have been a waste of time and money ($38,000,000) as spent on legal fees from 1973 to June 1978. They feel that board members should concentrate their efforts on educational matters and in upgrading community involvement in the decision making process. Hardy and Meier claim that busing costs totaling $1,894 million in state subsidies for purposes other than busing than 1% of the school district's budget. Relative to other school

districts, the busing costs in Pasadena are low mainly because of its small size, which is only 6 miles at its widest. Bus rides aren't that long here. The longest bus ride for a student in Pasadena is typically 5 miles living in the country.

In place of the Pasadena Plan, Hardy and Meier advocate a system of volunteer schools which involve giving students the option of attending a "neighborhood school" or "magnet schools". However, there is no assurance that a system of volunteer schools would achieve a racial balance. John Hardy admitted in a public forum that it would be okay with him to have an all-white school under a volunteer school plan, The cry for the return to neighborhood schools is obviously an attempt to revert back to a system of de facto segregation. Even if a volunteer school plan were to achieve a racial balance, it would probably require more busing than the current Pasadena Plan which utilizes mandatory assignments. Pasadena has always believed that the benefits of integration far outweigh the inconvenience of "forced busing". I went to school in Pasadena and I greatly value the integrated experience that I had. It has helped to open my eyes to the reality of human diversity. I feel that it was perhaps one of the most positive aspects of my public school education. Other controversial policies enacted by the incumbent board include the formation of "fundamental schools" that emphasize traditional educational methods (e.g. rote learning) and respect for the authority; the reorganization of the district administration. More information can be found by reading the local publications - the Chronicle, New Pasadena Magazine, or the Star News.

I encourage all people at Caltech to vote on March 6. After all, Pasadena is your community too. —Robert Tajima

by Spencer Klein

Remember the Libyan trade delegation that was scheduled to visit the Caltech campus about two weeks ago? You don't? Well, this is not surprising, because, although the scheduled visit attracted a lot of national publicity, it was kept quiet on campus, except for a few rumors among the faculty.

The incident started last November, when the U.S.-Arab Chamber of Commerce called Jim Black, Director of Public Relations, to arrange a campus visit for a Libyan delegation which was to come to America to promote Libya's political and economic interests. Jim Black recalled that he agreed to the visit, provided that there was no publicity. In the succeeding months, two corporations, Lockheed Aircraft and Occidental Petroleum, also contacted Jim Black about details of the visit. According to one source, the two corporations urged a Caltech professor to invite the Libyans here, and he was one of the groups extending the invitation.

The visit, as scheduled, was to consist of a visit to a laboratory, a campus tour, and lunch at the Athenaum. Because both Lockheed and Occidental are members of the Caltech Industrial Associates, one or two of their employees are Athenaum members. Now things begin to become unclear. The Libyans arrived in the U.S. to a chorus of snubs and a barrage of publicity. According to Jim Black, some of this publicity concerned their visit to Caltech. The Jewish Anti-Defamation League (ADL) sent a telegram to Institute President Marvin Goldberger, asking him to cancel the visit, because the delegation represents a country which sponsors and finances terrorist groups all over the world, including the Palestinian Liberation Army, the Japanese Red Army, and others.

Dr. Goldberger cancelled the visit. In an interview, he gave the following statement: "When the matter of the Libyans was brought to my attention, I decided that it was not in the best interests of Caltech or the United States to have them here, and so I said that they couldn't come."

He then refused to answer most of my questions. He did say that the matter had been brought to his attention through "normal channels," but he wouldn't say what normal channels are. However, according to David Leger of the ADL, the telegram they received from Dr. Goldberger said that the ADL telegram was the first mention of the visit that he had had. Goldberger also said that there had been no pressure on him to cancel. But Jim Black said that the visit had been cancelled because of the publicity.

Although the Libyans have gone back home, several questions remain. Why were the Libyans invited to campus at all? Who really invited them? Why was the visit kept so quiet, especially considering how avidly Caltech normally seeks publicity? And, why was the visit kept so quiet on campus?

So tell us already, don't keep us in suspense. Tell us... —The eds.

Hotline Hunts Help

Students who can give a six-month commitment four hours a week to volunteer on the toll-free Cancer Information Service Hotline are needed by the Los Angeles County - University of Southern California Comprehensive Cancer Center. A four-day intensive training program will begin April 2, 1979. Please contact Joanne Lockfield, Program Coordinator, by March 16, 1979 at (213) 226-2371.

Bilingual volunteers are also needed to work as information assistants and translators.

**Caltech's Burger Bistro?**

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(Remember: get a 20% discount by buying Caltech cards.)
Ya Won't be Hungry

by John J. Barton

You readers might be interested in a new Szechuan restaurant in Pasadena, the Mee Jinn Inn. This restaurant at 2949 East Colorado Blvd. is under the new management and operation of a very friendly family that really knows how to cook Chinese food. But a word of warning to those who think Chinese food is all drop soup and chop mein. Szechuan food is often very spicy and some is very, very spicy! If you haven't tried it you are in for a pleasant surprise.

First time around I would suggest Moon Show Pork (pronounced moo-shoo), a tasty Chinese burrito (not spicy). Ed.

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New Caltech Sex Study

by John Faughan

Soon a new title will be cluttering the attic of your mind. In it are two words, Health Advocates (i.e., opponents of sickness and advocate). (Like Ralph Nader). Abbreviated H.A. sounds a lot like R.A., and hopefully they'll be just as helpful in the second, and more so than the first.

Health Advocates (Henceforth to be known as H.A.'s, pronounced aitch-eh-z's) are students (some of you have heard of them; many of you student), only a lot better looking. But seriously... the H.A.'s (pronounced "H.A." as in the drinks!) are Caltech students who will work with the gentle folks at the Health Center to improve your generally crude shape. Right now there are two people on campus who've completed the USC course in Health Advocacy: Warren Lai (graduated at Marks House, 449-9924) and Richard Wilton (39 Ricketts, 578-9171). Taking courses in H.A.'s are girl-watchers at USC: Mary Niles (5 Ricketts, 578-9346).

Shevaun Gilley (who watches the "men" and livers in the Annex; room 1-221) would very much like to be a Health Advocate, but is trying to get her degree in Psychology. The second, and more so than the first.

Health Advocates have been on the campus scene for a while (except at Caltech, of course; we're just starting here), giving advanced help on how to avoid health emergencies, lending an ear when need be, teaching preventive health care, and acting as a referral and follow-up service for Health Centers. They're trained to differentiate between TB and VD (Big Deal) and can tell when to stop studying and sleep or when to call an ambulance and start pumping.

We're all enjoying our off-campus adventures, but we also like indoor world experiment—oops... help you. So if you've any ideas on how we can "serve the community" let us know. If you're sick, let us know too. It may not do anything... we want to try, you know. Well, anyway, it's meeting, Wednesday, March 7, 12:00–12:50 (of course it's not a "Meet the Band" because there are meetings held) everyone's welcome to join us at the Health Center. (Of course don't forget your student ID to show up, but we'd sure like some attention)

Or when to call an ambulance and start pumping.

Ya Won't be Hungry

by John J. Barton

You readers might be interested in a new Szechuan restaurant in Pasadena, the Mee Jinn Inn. This restaurant at 2949 East Colorado Blvd. is under the new management and operation of a very friendly family that really knows how to cook Chinese food. But a word of warning to those who think Chinese food is all drop soup and chop mein. Szechuan food is often very spicy and some is very, very spicy! If you haven't tried it you are in for a pleasant surprise.

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"The inherent virtue of socialism is the equal sharing of miseries; the inherent vice of capitalism is the unequal sharing of Budweiser."

—Winston A. Churchill

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**SPORTS PAGES**

**Hockey! from page one**

The Caltech scoring goes to Mike Friedman (he got two goals) and Charlie Friedman (he scored two points) to help the Beavers. But with great sadness, but with a钢管 for the honor in this game, we also be reported that a certain "front" on top, Jeff Sproat, found it more important to spend this particular Tuesday evening with a girl friend than to play hockey. The only explanation was that he had missed last night's allotment of sex stamps and was in desperate shape. Well, controlled.

(2) The For? Loyalty

It was reported that several had jeopardized their love lives (i.e., they gave up their sex stamps for last Sunday) to order to cheer the Beavers on. It is with great sadness, but with a钢管 for the honor in this game, we also be reported that a certain "front" on top, Jeff Sproat, found it more important to spend this particular Tuesday evening with a girl friend than to play hockey. The only explanation was that he had missed last night's allotment of sex stamps and was in desperate shape. Well, controlled.

(3) The Forgotten Past

While this vagary of truthful not being at hand, mention must also be made of last Sunday's defeat at the sticks of Occidental. My recollections of last game are somewhat unclear, but the following are the moments recorded immediately after the game while still under the influence of mind-expanding benzodiazepines:

Was it a hockey game, or were these guys out there swatting their sticks at a black dog jumping up and down in stocks and garter. One fan who had never seen a hockey game before could not understand the strange costumes worn by the puny, dimwitted, confused people professing to be pucketers for Caltech. "They look so funny in those tight yellow hose, I just can't believe it. This must be a sport for bums," Who knows? Maybe he's right. It could be that the National Hockey League and all of its glory is made up of sado-masochistic, sex nuts. After all, names like Guy Le Foint and Marcel Ding Dong make you think twice. [ed. note: how 'bout Grant T. Yokum?] But then again it could be that the television networks have been pulling the wool over the public's eyes all these years, and the whole thing is done with animation (started by underground and blacklisted illustrators back when Disney first started family cartoons).

After the first buzzer and after the hazy cleared the final score remained Occidental 5 and Caltech 2.

**Beaver Basketball
Bemirched**

by J. Fridlund Perkins

The hapless Beavers have clinched last place in SCIAC basketball competition, with one game remaining in the season. Four straight defeats during the last two weeks enabled them to do so.

The squad played its best game of the year against the LaVerne Leopards behind the brilliant performance of forward Ernie Lewis. Leading by nine points with ten minutes to go in the contest, the Teahcers appeared to be on the threshold of capturing their first conference victory in years. However, "things went to hell in a handbasket" (as the ever-logical guard Bart Cross commented when interviewed in the locker room), and the Beavers eventually lost the game by three points, 75–72.

The next contest matched the visiting Beavers against the Claremont-Mudd-Stags. Reserve guard Dave Howard and Kevin Miller led the scientists in the first half through fine floor leadership and clutch baskets. As a result, the strong inside game of the Stags was too much for the Teachers in the second half. Though fighting to the end, our boys lost 95–72.

The next two games in the last two weeks matched our cagers against the league powerhouse, Whitter and Occidental. Unfortunately, these were two of the most humiliating defeats our Beavers have faced in recent years. The Whitier Poets crushed the Teachers, 106–48, and the Occidental Tigers blew them out, 111–43. Caltech committed an incredible 46 turnovers against the Tigers. The dangerous duo of Dave Howard and Joe Zasdzinski accounted for 17 of these.

**Bad Luck Strikes Baseball**

by P. W. Hephribah

Just when the baseball Beavers were getting into the swing of things, injuries and sickles took over to kill Caltech's chances of victory. The team was all psyched up for a doubleheader against Pomona on Feb. 10th when news arrived that centerfielder Steve Eckman was involved in a motorcycle accident and would be out for at least a week. Pitchers Jamie Abbott and Kevin Miller were also absent due to the flu. Already last to the team was shortstop Fred Crimi. Along with Eckman's .636 batting average, the team had lost three pitching guns, leaving Alphonse Sterlimg, the last remaining pitcher, to throw seven tough innings as the Beavers lost 2–1.

In the second game, third baseman Jim Jacobs was called up to pitch for the first time in his life. He struck out the first batter that he ever faced and went on to 'K' four others. A great performance went for naught as Pomona scored two runs in the last inning to win 5–4. Bobby Buck had 3 RBIs and Jim Jacobs raised his batting average to .462. The next game was a doubleheader against Occidental last Saturday.

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Swimmers Meet Pomona-Pitzer...

by P. E. Majors

The Caltech swimmers traveled to Redlands last Saturday to take on the University of Redlands. Despite the fact that they had to leave Caltech at the ungodly hour of 7:15, our dedicated teams both proceeded to place first in every other individual event but one. The final score was 77 to 35 in favor of Caltech.

The men's team never gave Redlands a chance. They took a commanding lead after finishing first and second in the 1000 Free, 200 Free, and 50 Free, and proceeded to place first in every other individual event but one. The men's 50 backstroke, with second place time of 33.9. She also took a third in the 200 Free. Cathy Kirschvink led the women's team in placings. She placed first in the 200 IM, second in the 50 Breast, and third in the 50 Fly. Sue Fuhls took two second places, in the 200 IM and the 1000 Free, while Pam Crane placed second in the 50 Free.

Despite outward appearances, the Caltech women are improving tremendously. Chris Bockenstette set a new school record for the women's 50 backstroke, while Bonnie Blamick took two third places in the 100 Free and the 500 Free.

The men's team also managed to place swimmers in many of the events, even though no one got a first. John Reimer took second place in the 100 Free, 500 Free, and 200 Fly. Matt Wette got second in the 100 Free and third in the 500 Free, while Todd Olson placed second in the 200 back. Third places were taken by P. E. Majors in the 200 Breast, and Dan Ohlsen in both diving events. Todd Olson took second in the 200 Breast and third in the 200 Breast, while Wette took second place in the 50 Free and 100 Back.

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The Caltech women had a much closer meet. It was five of our mighty six against six Redlands' women, making it a very even competition. Howest Coach Ed Spencer slyly managed to stack the meet in Caltech's favor by shuffling around who swam which events at the last minute. His strategic maneuver gave Caltech the meet, 54 to 5.

Bill Power led the men's team to victory, aided by Todd Olson and Dan Ohlsen. Power took three first places in the 200 Free, 400 IM, and in the 500 Free. Thomson placed first in both diving events, while Anderson got first in the 50 Breast and 100 Free. John Reiner swam a lifetime best time of 2:14.8 to take second in the 200 Fly, and placed first in the 100 Breast and second in the 500 Free. Joe McIntyre took first in the 200 Breast and third in the 200 Breast, while Wette took second place in the 50 Free and 100 Back. Between them, Dan Ohlsen and Todd Olson took the second places in the 200 Free, 200 Back, and 200 Breast. Bill Power got a second place in the 200 Free, and Stanley Chen got third in the 200 Breast.

The women's team had Bonnie Blamick helping them. Blamick took first from the 1000 Free and 500 Free plus a third in the 100 Free. Lynn Hildemann got firsts in both diving events (unopposed as usual) and a third in the 100 Back. Chris Bockenstette took first in the 100 Back, and third in the 200 Free and 300 IM. Pam Crane finally got a first in the 50 Free, along with a second in the 100 Free and third in the 500 Free. Cathy Kirschvink placed second in the 100 Fly, and took thirds in the 200 IM and 100 Breast.

The Conference Championships, which are a Claremont, are going on this week. This will end the swim season for the Techs.