General People

Marrie Smaith, The Way

By H. N. J. Mayhem

At an institution such as Caltech, a great deal of paper work and record-keeping must be done to keep everything operating smoothly. Mrs. Marrie Casey is one of the individuals who takes care that this job is performed accurately and efficiently.

Mrs. Casey, then Marrie Smaith, began working in 1927 as a music supervisor for the University of California. While employed by UCSB, she met her husband-to-be, Clark Casey, who was then a student of the same institution. After their marriage in 1929, Mrs. Casey, who had been working for MGH, continued her work at UCSB and began working for MGH.

After a few years at MGH, Mrs. Casey decided to quit her job and support her family. She and her husband, who had no children, set up a household and raising their own family.

Mrs. Casey first decided to quit her job in 1937. In February of that year, she quit her job at Caltech and started her own business. Four years later, she was surprised to find that she had been hired by Caltech at the same time she had quit her job.

Currently, Mrs. Casey describes her job as "general manager." That is, she keeps the records of each undergraduate up to date, sends out all prerequisites forms, records all the changes, which occur, make schedules, and performs many other duties besides.

Mrs. Casey also knows a great deal about the procedures by which the Institute operates and is glad to help students who have questions.

Mrs. Casey will be celebrating her twenty-first anniversary as "general record keeper" here next month, so drop in and say "merry anniversay." She will be waiting to hear from you.

The Mount Wilson Toll Road offers spectacular views of the San Gabriel Mountains for the Synopsis bicycles. The San Gabriel Trail also provides fantastic bike rides.

by Tracey Forstal

Wednesday night, in Ricketts Dining Hall, there was an informal meeting of those interested in reworking the Saga Food Service contract, colloquially known as "Saga Bitch," moderated by Eric Chang. The only concrete result of this meeting was the selection of a grievance committee to see Saga representatives at a later meeting.

However, the mood was clear; there was major dissatisfaction of Saga handling of the food service. Complaints were aired over the variety of food available (chicken every Tuesday night), the quality of the food, and a concrete result was the selection of a grievance committee to see Saga representatives at a later meeting.

The quality of the food was not the only problem. Many interesting facts were uncovered, such as sometimes the food must be left to dry because Saga could not get their hands on it. Saga insists that they use nothing but Grade A products, but when it comes to the validation of such a claim, it was suggested that a dietetic or nutritionist be brought in for the next time.

The value of the food was also another issue. Many interesting facts were uncovered, such as sometimes the food must be left to dry because Saga could not get their hands on it. Saga insists that they use nothing but Grade A products, but when it comes to the validation of such a claim, it was suggested that a dietetic or nutritionist be brought in for the next time.

The Saga Food Safari

Life at Caltech can get pretty monotonous, and you might get away once in a while. You can visit Millikan many so days in a row because you're going to get really sick of it all. One way to change your scenery is to go hiking in the nearby San Gabriel Mountains. If you go on a hike up the Mount Wilson Toll Road, it isn't far away and offers a pleasant change from Pasadena. The rock and dirt road that winds up to Mount Wilson was constructed in late 1800s, has been reworked many times over the years, and today is a dirt road (or an occasional Forest Service track).

It is about four miles from Tech to the start of the road, and about all the way. My only means of transportation other than feet, is a bicycle, and that is why the road is so bad. You feel it in your bones, but it's worth it.

To reach the toll road, go north on Alhambra to Crescent Drive. Cross Alhambra and you are on Crescent Drive. Keep going to Pinecrest Drive, turn right and you'll come to the gate which marks the start of Mount Wilson Toll Road. Better yet, use a map and find your own way there.

The road crosses a small stream (for the first time), then winds into the hills. On a clear day you can see the whole L.A. area and see the ocean (barrage). It's about a 1/2 hour each way. The road was covered slopes to Hannger Mountain, a nice, tree-shaded area with a few naturalization, camp and picnic grounds. The road leads to the nursery and a nature trail in the Flats. You can either turn back or go to the toll road. If you elect to continue upward you should check with the ranger station to make sure the road is open for use and get a permit to enter the area.

The road beyond Hannger Flats is more picturesque and less populated than the road up to the Flats. If you have the time and energy, it is well worth the trip. The mountain air is comparatively fresh and invigorating and the views are terrific. When I went up there were even a number of people hanging-glider over the mountain.

If you would like to do something like this, plan to start early, take some water, and maybe a lunch, and be prepared for warm or cold weather. There are many other trails throughout the San Gabriel Mountains, and one book that is called Trails of the Angels by John W. Robinson, published by the Angeles couldn't be a better guide to the mountains.

So, if you do have a legitimate complaint, see one of the representatives from your house who will attend Saga contract renegotiation meeting, or see Eric Chang (Ricketts) or John Quackenbush (Fleming).

Don't Forget to Vote Tuesday

Campy Statements

ASCIT President

Curt Trimmell

"I'm Curt Trimble and I'm a candidate for ASCIT President. I basically want to do something for Caltech and Caltech students because I think they're worth it. I'm running for President because I want to do the most I can and I'm only going to do a lot of effort into the position.

I'm asking you to support the election. Please vote for me." - Curt Trimmell

Gregory Gaudas

"If you want something nice, do it yourself." In a sense, this statement could be applied to the job of ASCIT President. For, despite the vast and complex things that ASCIT has to cope with, it is the president who is ultimately responsible for making sure that everything is done right, and sometimes it does involve doing it himself.

I feel that I am competent enough, and responsible enough to be the administrator and the diplomat that the ASCIT President has to be in order to get things done, and to get them done right. I have been the IHC Secretary for two years, and have held the offices of house social chairman and house secretary. In another sense, and more importantly perhaps, is the way in which the statement does not apply. No one person could possibly do all the bookkeeping, manage the publications, do the research, or single-handedly improve student life. That takes a lot of people of various backgrounds, working together. And that means that the president's job is to coordinate these people, fill in the gaps when necessary, and hopefully do it without getting his nose in everyone's way.

I get along with members of all the houses, and I am committed to getting anyone who has an interest in the things that ASCIT does involved. I am willing to put in the time (capital T, for lots of), I feel these are important qualifications.

I hope you consider these things when you vote on Monday, and I'd appreciate your support.

Natalie Cruz

Vote for me, vote for me
I want your vote for Presidency
Vote for me, vote for me
If I am elected this is how it will be:
I'll cut your tax in half
I'll make the Russians laugh
I'll feed the hungry people everywhere
I'll bring the uploads back
New stores and new track
From Waffle to old Delacera.

Vote for me, vote for me
I want your vote for the Presidency
Vote for me, vote for me
If I am elected this is how it will be:
I'll give Detroit one
I'll bring you back
New cars that run on beer
Or anything except gasoline.

I'm looking to the sun
And the cleanest sky you've ever seen.

I'm not going to kid you, there's a lot to do
Liste I can promise, it's really up to you
But if we all work together,
And I think we can

continued on page 4

by Mark Waggoner

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"Am I Elected"

VOTE

Volume LXXXII
Pasadena, California; Friday, January 30, 1981
Number 15
To the Editors:

This letter is in response to the commentary by Mr. Glen Swindle which appeared in your publication on Friday, January 16, 1981. Because of my position as a student member of the Faculty Committee on Athletics, I am writing to discuss the priorities for use of the athletic facilities here at Caltech.

I would like to point out that, aside from being painfuly inadequate, our athletic facilities also suffer from the liability. Mr. Swindle's statement, "...little concern exists among the PE faculty for providing facilities for these students," is patently false. I readily agree that the demands for the facilities here at Caltech far exceed the supply. I would also like to point out that, aside from being painfully inadequate, our facilities are outdated (especially the weight rooms) and constitute an embarrassment to the Institute. My high school had far better facilities than Tech. I believe that the per capita use of the current facilities is highly insufficient and students demands that we expand and upgrade our facilities. The Committee is trying very hard to accommodate the students, but it is difficult to get someone to lay out five million dollars to Tech for athletics.

In the meantime, we will simply have to make do. Admittedly, our facilities are used to their capacity (and sometimes beyond). I am not going to attempt to rebut each of Mr. Swindle's points, but let me say that some special problems exist with the soccer field. Mr. Emery and I did come up with two alternatives for the field where the grass is virtually unknown. Secondly, there are problems with the baseball team practicing. At times co-existence is possible, but the problem, Mr. Swindle, is not thirty people playing soccer versus one playing left field. The problem is that every inststitution worries about liability. Mr. Emery and I did come up with two alternatives for the field, with Mr. Swindle's points, but let me say that some special problems exist with the soccer field. Mr. Emery and I did come up with two alternatives for the field where the grass is virtually unknown. Secondly, there are problems with the baseball team practicing. At times co-existence is possible, but the problem, Mr. Swindle, is not thirty people playing soccer versus one playing left field. The problem is that every inststitution worries about liability.

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As you pedal east on Foothill, you will go through the city of Arcadia. This stretch can get a little hairy without some sort of a rear view mirror, which should be mandatory for riding, since the road is the product of an engineer who never learned about bikes. If you are not quite up to hard pedaling (for speed) or if the traffic is heavy, the sidewalks on the north side will serve you all of the way.

After the horse-smelling Arcadia, you come to the City of Monrovia, which is a very pleasant place to ride since it offers quiet side streets arranged in a grid. Make a right at Myrtle Ave. for your trek toward the mountain. The other alternative is Canyon Blvd., further east, but this road is used by trucks going into the canyon. (except maybe July 4th) which is bad on Myrtle is all uphill but I found it to be ideal due to the lack of traffic smooth pavement. You should nor have to go down to your lowest gear here because you will need to later.

Once you have reached the end of Myrtle, go east on Sierra Drive. You may see a wingless Cessna in a driveway. From here, the grade gets pretty steep for about a half mile. Also watch out for trucks; they usually travel in groups so time yourself to get in between two groups.

As you go further into the canyon, you will pass by a landfill. The trucks turn off there, so the rest of the ride is pretty enjoyable. When you reach the entrance to the park, you may meet Tom, collecting fees from cars. He's a really nice guy and knows the area well. Once inside the park, you will come to a sign that says "No Bicycles beyond this point." The sign means that you cannot see the city if you crack up coming down the wicked hill that you will soon see.

Go past it and shift way down to get to the top for once you do, you get to the Sawpit Canyon Dam. The entire area is really beautiful and great for just walking around.

Coming back, take Hilker Boulevard which will offer you with a longer downhill. If you feel like riding a little more, the entire town of Monrovia is really nice. On the other hand, if you want to get back to Tech because you are a little hungry, stop by at the Winchell's on Rosemead and Del Mar. If you get there before 2 P.M., you may find Rich Lorenzo working there. He is a native biker and can suggest interesting rides for you.

In any case, hiking is a cure for many ills and should be enjoyable. If you want to see me, I am at Rudder 236 and Billie can usually be found in "1.5.

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**Human Ingenuity vs. Human Aging**

Human ingenuity will alter the aging process or not.

To some, participate in our studies of the chemistry of human aging. For example, we could publish a book on what aging does to your own unique body chemistry? A specific photograph of a person's facial features changes compared with their diet; might be useful if correlated by us.

Thoughtful people voluntarily devote themselves to these and other studies we have deemed, as part of a systematic hobby at clear. It is not every day that many things become for otherwise.

This dedication, the results of your home gardening, should be so valuable that 

Sleeping, may prove valuable to all researchers.

For further details, send a self-addressed stamped envelope to :

The Exact Chemical Institute

From Scientific Experiments "T"715 San Vicente Blvd.

Los Angeles, California 90046

The United States of America

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**THE CALTECHY - FLY-BY**

Today, Friday, January 30: A NOON CONCERT day. Come on out for some refreshing jazz-rock fusion. On the Quad with HELIOS. Once again, a spectacular Pretty Pat Production.

Saturday, January 31: The SAILING TRIP was rescheduled for those fortunate souls who missed last week's torrential waves. However, be forewarned. Rumor has it that southern California has become this year's local hang-out for those boisterous souls. Check with the Y for weather conditions on Friday (Jan. 30).

Tuesday, February 3: The Caltech Y and the OWC present a Demonstration and Workshop in SELF-DEFENSE. The program will take place at noon in Winnett Lounge and will be led by Pasadena YWCA instructors. Another PHOTO WORKSHOP day. This week's topic will be on contrast and balance. From 4:15 to 5:45 P.M. in Winnett Clubroom

Friday, February 6: Once again, a time of celebration. Come on out to the Quad at noon and celebrate with THE Toons. Another, out of the precious few remaining, P. R. Productions. See you there.

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good food at reasonable prices
refills on soft drinks at all times
seconds on salad bar

SPECIALTIES: SHISH-KABOB, SHAORMA, SOUVLAKI-STEAK
HOMEMADE PASTRIES: BAKLAVA, BURMA, AND NAPOLEONS

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**Like to get paid for talking with Caltech Alumni?**

Contact the Alumni Fund office, extension 6286, for more information.

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**IMMIGRATION ATTORNEY**

Stuart I. Folsom

2459 Mission Road

Bakersfield, CA

Phone: 799-0691

L.A. Office:

413-8090
The satisfactions, as well as the tion system. This experience was extremely enlightening. I met with faculty, and I realized how necessary faculty/student interaction is to improve mutual understanding and improve the Caltech education. The Core commit-tees are active, last year must remain active, and another conference, or at least a full meeting, must be at arranged this year. This would allow new students to participate in such a gathering and would outline what progress has been made. It is important that the faculty/stu- dent communication that has resulted from the conference continue. I think that more student-faculty events should be considered. Perhaps SURF day that day can be expanded to include any students who have done undergraduate research. The faculty might participate with presentations of their own research. If students, faculty, and admin-istration are able to form relationships, open communication, we will be able to understand each other and work together effectively.

As ASCIT President, it would be important for me to represent all students. I feel I can honestly and fairly fulfill this role. I will be responsive to comments and criticisms people may have. I will carefully con-sider all sides of business mat- ters brought before the Board, with input from all interested people. I will try to represent everyone as best as possible, however, I will also try to keep things running smoothly. The most important task is to keep the board functioning and I will try to do the best job I can, within the limitations of the job, and I would appreciate your vote for ASCIT President.

Thank you.

The California Tech

Tom Bray

ASCIT Secretary

Romney Katsi

Okay, okay—they talked me into it. I'm now in the run-ning for ASCIT Secretary. (See—I haven't used any bad words yet.) I know it's a fat job and I'm up to the challenge. I would appreciate your sup-port. Thanks.

Mike Kilby

As ASCIT Secretary, I will be responsible for maintaining BOD meetings, and to see that minutes of the meetings are published. I will ask the qualifications to do a good job. I can type (even if I did hand written), and my spelling and grammar are quite suffi-cient to write up the minutes. (No, I do not need a dictation machine.) I want to get involved with the ASCIT government, and I re-believe that I'm a visible member of the BOD. That is, with your support. Thank you.

ASCIT Treasurer

Stuorn Chos

Why do I want to spend time adding number? Well, if the ASCIT Treasurer job is good, but I wish to serve as the ASCIT's financial advisor, as has happened in the past, ASCIT cannot function properly. I have been treasurer and chairman of a number of student organiza-tions and I have served in both capacities as treasurer and chairman of a number of other organizations. I have won the ASCIT Secretary position. I believe that the ASCIT Treasurer is an important position. It is for that reason that I'm running for this office. It is a position which re-quires a great deal of work and dedication. I believe the California Tech should be used more effectively as a school for the students. I will work to make our school more attractive to the students. I will work with the administration to improve the quality of both academic and non-academic life for the students. Please vote on February 2. Your support is an investment in the future.

ASCIT Vice-President

Ed Lambert

The major responsibility of the ASCIT Vice-President is that of Board of Control chairman. ASCIT is the only way to maintain and support the Board. For this reason, I wish to serve in this capacity. ASCIT chair­man I was introduced and familiarized with the workings of the Board. I have been interested in the importance of student participation with presentations of the work of the Board, and I have been aware of the demands of the Board, and the need for a careful in­vestigation of all of these can. I plan to bring the Board into the scope of the ASCIT government, and I will work diligently as treasurer and secretary to increase our funds and provide the Board with the funds necessary for our work. It is for that reason that I'm running for this office. It is a position which re-quires a great deal of work and dedication. I believe the California Tech should be used more effectively as a school for the students. I will work to make our school more attractive to the students. I will work with the administration to improve the quality of both academic and non-academic life for the students. Please vote on February 2. Your support is an investment in the future.

ASCIT Secretary

Tim Bray

ASCIT acts as a forum for student views and desires and to represent the student body. ASCIT should be a representative of the organization, chairman of the BOD, and a member of the Ex­ecutive Board. The President in carrying out these duties. ASCIT President, I would do my best efforts to achieve excellence in every goal—and more.

There is no reason this can-not be done. The faculty and the administration have shown that there are more students interested in what is going on than in a small number. Clearly, if we want ourselves to be a part of this, we must make our feelings known. This is the only way to maintain and support the Board. I believe that the ASCIT government, and I will work diligently as treasurer and secretary to increase our funds and provide the Board with the funds necessary for our work. It is for that reason that I'm running for this office. It is a position which re-quires a great deal of work and dedication. I believe the California Tech should be used more effectively as a school for the students. I will work to make our school more attractive to the students. I will work with the administration to improve the quality of both academic and non-academic life for the students. Please vote on February 2. Your support is an investment in the future.

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Friday, January 30, 1981

THE CALIFORNIA TECH

Page Five

make known what I feel my qualifications are.

Having served as an ASCIT Director-at-Large for this past year, I have found that I really enjoy being an ASCIT Board member. I did not thrive on power or push my position on other people, and I don't intend to change in this respect. What I did do was take the position seriously, and that was asked of me, as I would the Treasurer's job. I am very interested in managing money and believe this would be to my (i.e. everyone’s) advantage if elected.

All members of the Board of Directors (of ASCIT) are required to vote on several matters is a task I know I am capable of doing.

Juanito Villanueva

The office of the Treasurer is a vital part of ASCIT because it is responsible for all monetary transactions of the Club. The Treasurer is a voting member of the Board and helps to decide exactly how the funds should be divided. I

Having served as an Executive Director of the Educational Policies Committee of the TQFR, the office of the Treasurer is one thing I do well, and that I would be no more biased than anyone else.

But are you qualified? The TQFR's seeming hold of political correctness is a crying shame. Yeah, yeah, yeah... I used to edit this rag, so I can run all meetings with the best of them. I used to be Dubney House president (or did I already tell you that four or five times?), so I've worked a lot with the Master's Council, the Housing Office, and all those swell guys. I used to have a GPA, but not one I'm too proud of. I don't have a part of time into the job.

And, like every candidate for everything: I know lots of people in all the houses, I will represent you effectively. I'm open to suggestions, blah, blah, blah... Well, I guess I've parted myself on the back for long over, so I'll be ready Monday or I'll take my ball and go home. Thanks.

Maeve Mars

I'm Maeve, and I am running for ASCIT Chairman. I feel I know most of the people on campus and am friends with most of them. I spent last year dealing with the difficult duties of Director at Large, after which ASCIT Chairman should pose no problem. I'd appreciate your support.

ASCIT Director for Academic Affairs

Even Colgan

The office of the Director of Academic Affairs/Chairman of the Educational Policies Committee/Editor of the TQFR requires someone who can represent the interests of the O'Neill faculty, and produce the TQFR. Of these, the most time-consuming is the TQFR. The TQFR is the responsibility of the Editor and the EPC (but it is amazing how much the Editor gets stuck with...) it involves setting and processing all the data, writing all the comment summaries, and assembling everything.

I feel that I am well qualified, having been on the EPC for the past year. I spent a good deal of time last year summarizing comments, typing up the data, and generally being active on the EPC. This summer I coordinated the assembly of the TQFR. I also have the abilities necessary to direct the EPC and to get everything done in an organized manner.

I would appreciate your vote.

John Quackenbush

Just about a year ago, a friend wanted me to be in his TQFR team. He asked me to help him with something called the TQFR. I became more and more involved. Over the summer, I even spent a few months in South America, getting tanned and drinking pitahaya coladas. While he was gone, I became increasingly responsible for getting the TQFR out, on time and in good condition. With Charlie’s long distance guidance and some creative ideas of our own, I think we managed to produce a report that is useful to both students and faculty. I really learned a lot working on it this summer and I had a lot of fun. As the end of first term, the faculty decided to put out a limited edition of the TQFR, which would review the courses taught thus far. Right now, we're working on it and we hope to finish it soon so that we can try to correct some of the problems that arose in a few courses first term. I really think it will help to make academic life here a little more bearable.

I've really become interested in trying to improve Caltech so that all of us can get the most out of this place, and so this year I'm running for Director of Academic Affairs. Besides gutting out the TQFR, the office entails helping student-bunching to the faculty, which isn't always an easy job since many times our complaints seem to have little impact on the profs. But I think I can present our opinions in a manner that will make the profs want to change things to try to give us a better education.

I really need to hear what you have to say, since I'm not perfect and I'd like to answer any questions you have, so if you think of anything, please let me know.

I'm not going to promise that if I'm elected, everything is going to come up roses, but...

ASCIT Director-at-Large

Sharron Sarchet

One of the most important responsibilities of a Director-at-Large is to decide exactly how the funds will be allotted. I have a number of people in all of the student houses and I think I could do a good job of representing your views on the Board. I became more and more involved.

Well, I'm not going to promise that if I'm elected, everything is going to come up roses, but...

Barbara Tsurpin

I am anxious to get involved in the Caltech community. Through the office of Director at Large I can begin to get a feeling for ASCIT operations and gain the opportunity to make contributions to the system. Not being political by nature, I find it difficult to sell myself with words. However, a person's ability to take responsibility and be proactive can be determined by examining the way in which that individual

has handled past responsibilities, no matter what size they might be. My actions should speak for themselves.

Having been a house athletic manager since freshman year, I can understand the pleasure of watching the enthusiasm for athletic participation in my house grow. Now we play soccer two to three times a week, as well as participating in Intramural sports. I am currently active in the Student Space Organization, and am on the planning team. I consider myself open to new suggestions and feel I have something valuable to contribute to ASCIT. I encourage you to consider the options available and vote on Monday, Feb. 2nd.

BOC Secretary

Cheryl Robertson

As any BOC member, past or present, can tell you, the job of BOC Secretary absolutely demands experience. Having served as a representative-at-large for the past year, I have the necessary qualifications. I was chosen from a field of over thirty applicants by the Board, so I think these qualifications speak for themselves. I am the best person for the job. Of course, for a more objective evaluation, talk carefully to your house BOC representative.

Activities Chairman

Jay Richard

Hello. I’m running for ASCIT Activities Chairman, the person responsible for bringing you the ASCIT Movie. You probably don’t know me. I’m an ASCIT Movie clone, one of the useful and idea people who bring you the movie every Friday evening. I’ve spent the last three years watching away as a projectionist under the guidance of my creator and host, Cheryl. Now I want to have the chance to run the whole show. I’m obviously qualified and I enjoy my work. Besides, I’m tired of being just a clone, I want to be a full-fledged person. So give this clone a chance and vote for me for ASCIT Activities Chairman.

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**Sports**

Fledgling Fencers Fight Frantically, Lose

By D. R. Tanyan

Northridge Meet

The meet with Northridge was very difficult as our opponents demonstrated their continuing domination of the sport. The men's foil team lost all its bouts, as Frank Fox showed the balance and speed that have made him the leading foil fencer in the conference. Barb Turpin used her reach and speed to win 1 bout for the women, and Paul Ste. Marie gained a victory from the Northridge epeesists.

While the Northridge team captain, Larry Dunn, refereed, Bruce Prickett gained two hard-fought bouts against Dunn's teammates. ALl in all, it was an educational experience, giving many fledgling fencers a taste of really tough fighting.

Cal Poly Meet

Our rematch with Cal Poly was considerably more even, as both Tech and Poly had added to their roster since our victory two weeks ago. Scott Prahl, facing a much tougher men's foil team, was again undefeated. Maclen Marvit won a bout, but neither he nor Rich Pogge could pull out the winning bout. Bruce Prickett won all three of his bouts against the Cal Poly sabreurs, but again the Poly fencers were able to stave off defeat.

In epee, Brian Henny was undefeated, but the rest of the team was held scoreless. Finally, C.J. Beegle defeated her two opponents, before being defeated by the man fencing the bouts forfeited by Poly for not having a full women's team. Barb Turpin and Lisa Penninger were both kept from winning as Cal Poly swept the team matches and the meet.

In an emotional match immediately afterward, the Tech "A" team beat the Poly "B" team in foil, with Prahl still undefeated, while the Tech "B" foil team went out and beat the Poly "A" team 5–4. Ten Miller turned in a great performance and swept off the bench for a victory apiece, while Prickett also won two.

While the loss to Cal Poly was frustrating, we again learned and tried to improve on Cal State L.A. this Saturday at the Gym at 1:00 pm. See you there!

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DAN GAVIN DID IT.

He became part of a new-product development project team his first day on the job. A UC Davis graduate in electrical engineering, he teamed up with Larry Wong, another recent UC Davis electrical engineering grad; Alan Harper, recent UC San Diego mechanical engineering grad; and Donna Lightfoot, UC Berkeley computer science grad. Cubic said, "Here is the problem. You find the solution." And they're doing it. After their problem. You find the science. Alan Harper, recent UC Davis electrical engineering grad; Cubic said, "Here's the problem. You find the solution." And they're doing it. After their problem. You find the science.

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Buying or selling something? Yes, too, can take out an ad in The California Tech! The cost is $2 per inch plus 30¢ per extra line for Classifieds. Bring all copy to the Tech office or call 356-6154, OK.
Body shop

Poison Oak is one of the most common plants in California. It is a stem or spreading shrub, or climbing vine, 2-6 feet high, with leaves 1-3 inches long toothed, lobed and frequently fragmented. Poison Oak flowers grow quite distinct until the fruit or whitish smooth drupe about 1/4" in diameter.

Poison Oak grows in open sun or full shade and is found in all streams, mountain slopes and valleys, and the foothills. It grows from 50-5000 ft. above sea level. The foliage can be bright orange or scarlet in the fall. The bare branches can be difficult to identify in winter and early spring.

People easily become sensitized to Poison Oak, and the allergic reaction causes dermatitis.

Contact with the oleoresin (rubish) in the plant sap is related to produce a reaction. It was previously believed the insect plant was harmless. It is now known that the plant may exude oleoresin material under certain circumstances. Contact may be directly to the exposed skin, or the oleoresin material may get on the hands and be transferred to other parts of the body, such as the face or genital area. The oleoresin may be transferred to another person by early contact with contaminated skin or clothes. Oleoresin can remain in the dry state for long periods so that indirect exposure is the plant can occur from contaminated shoes, clothing, tools, sports equipment and animals.

In the plant, the sap is most abundant in the stem and leaves. The plant is most poisonous when it contains the sap. This is generally in winter and early spring, but there may be sufficient resin to produce dermatitis at any time. Burning Poison Oak plants does not vaporize the oleoresin, but does liberate particles of active material in the smoke that produce reactions at the site of contact, usually the hands and face, particularly eyelids.

Poison Oak dermatitis is characterized by red patches, flat or raised, often with vesicles (blisters). Linear arrangement of the rash is typical from direct contact with a branch or by rubbing. Itching and burning are usually present and is often severe. Systemic absorption of the oleoresin may also produce widespread hives. The rash appears in one to several days depending on the degree of exposure and the person's sensitivity. It may last ten to fourteen days, or longer if reexposure or secondary infection from scratching occurs.

The fluid content of blisters is not allergic (does not contact the allergic oleoresin), and can not transfer the dermatitis to other areas of the skin. However, the oleoresin may remain adherent to relatively non-absorbent areas, such as calloused hands and fingernails, and the scratching can contaminate new skin areas.

Prevention:

The best prophylaxis (prevention) for Poison Oak dermatitis is recognition and avoidance of the plant. If exposure has occurred, the patient should promptly wash the entire body, as soon as possible with water and soap.

All contaminated clothing, shoes, tools, pets, etc., should also be washed with soap and water. Various barrier creams and "detoxifiers" have been proposed, but there is little proof of their effectiveness.

CONTINUED ON PAGE 8
Staff that Didn't

Lost!
1 large set of keys on plain steel ring. Please contact Cliff at x8607 or 793-8414.

Period.
The Caltech Cycling Club, Period [honest, it says that right here on the piece of paper], will be having our weekly search for the ultimate bike ride. If you are interested in going show up in front of Winnett Student Center at 9:00 am on Saturday. See you there.

All Financial Aid Recipients!
If you UNDER UNIT, and your tuition cost is reduced, your financial aid is likely to be reduced also. Should you plan to register for less than 18 units, or to drop some units, find out from the Office of Student Accounts how much your tuition savings will be. Then, go to the financial aid office (208 Dabney Hall) and make an appointment with Ruthie Wilson or Linda Berkshire to discuss what changes, if any, will be made in your financial aid award.
If you register for less than 18 units (a common last-quarter practice for graduating students), aid from most sources is automatically cancelled. Caveat seniors.

A CAREER IN THE CHIPS
If you're planning a career in Engineering, Finance, Marketing, or Data Processing, we know you're seriously considering the semiconductor industry. We'd like to offer a little piece of advice: Choose the company that will give you the best opportunities right away. Choose AMD.
Advanced Micro Devices started out a little over a decade ago with eight of the best people in the industry and a dream. Today, we're at the top of the integrated circuit field with 9,000 of the best—and friendliest—people, $225 million in sales, and over 800 products. We're still growing fast, with the best career opportunities to put you right in the chips with us.

On-Campus Interviews
Friday, February 6
Make an appointment today with your Career Planning & Placement Center. Or, for more information on AMD, call Sally Hazard TOLL FREE at (800) 538-8450. (In California, call (408) 732-2400, extension 2798.) Advanced Micro Devices, 501 Thompson Place, M/S 57, Sunnyvale, California 94086. An equal opportunity employer.

ATH MAN CAMPAIGN STATEMENTS

Error in Catalogue
Contrary to the catalogue, Lit 6 (The Self in Literature) will be taught in the third quarter.

Self-Defense I
A demonstration and workshop on self-defense techniques with Kathy Barber and Marie Wood of the Pasadena YWCA will be presented on Tuesday, February 3, at noon in Winnett Lounge.

Physics X Again
Last Monday afternoon at 5:00 p.m., about 65 eager freshmen were gathered to see and hear our favorite Nobel laureate. Yes, Physics X has started again...although a little late. This traditional, informal class taught by Dr. Richard Feynman is generally run as a question and answer period for fresh interest in physics. As he explained the secrets of quantum mechanics to them, Dr. Feynman's easy style quickly had everyone convinced that physics can be fun. If this sounds like a good way to spend an hour in the afternoon, come to 107 Downs at 5 p.m. Mondays.

Self Defense II
A self-defense course will be taught by Phyllis Nelson of Caltech. The course will run eight weeks and meet from 7-9 pm on Monday evenings in Winnett Lounge beginning February 9, 1981. Your cost for the entire eight week course is $7.50 ($5 or Caltech students)—an incredible bargain—the Y and the OWC will absorb the remaining cost. Application forms may be obtained in the Y office.

Physics X Again

Caveat
We're convinced that physics can be fun.
If you've got no reason not to do it, there are always millions of people who know.

Aster's conception of Poison Oak

Athletics Managers
Glen Swinade
"Read the Antholes article, the California Tech, January 16 edition."

Greg Schenter
Scott Bloom
We feel that we are well qualified to be ASCIT Athletes for many reasons, the primary one being that we are active in both varsity and intramural sports. In addition, here at CIT we have a unique athletic situation in which anyone may participate in any athletic activity of their choice. We appreciate the merits of this system and wish to uphold and improve upon its virtues.

Body Shop

From Seven

Self-Treatment:
When prevention fails, dry agents (Calamine Lotion) and antipruritic preparations may be used to help control the symptoms. Both items are available at most pharmacies. Prescription medication for treatment of cases of Poison Oak is available. When there is persistent symptoms of itching and watering blisters, don't take a chance; come to the Health Center.

Rhonda Campbell, R.N.
N.F.
Health Centre 1-8

BOOK SALE
LANDAU: Course of Theoretical Physics
VOLUMES 1-9
(available individually)
15% OFF
while quantities last

Christophe Robbins
By C.R.G.
Something lighthearted this week. Pasadena has a doc movie theaters, some nice restaurants, and a playhouse o two. Why don't you grab a good friend and take them out to dinner or a movie. There are only three reasons why you could refuse doing such a wonderful thing:

a) You have no friends, it which case you should buy the rest of the article.

b) You have no time. You should always be able to take time for friends.

c) You don't have the money. It doesn't cost that much, you can afford on movie! (If you can't, how can you afford to go here?)

Think how happy the other person's going to be when you take them away from physics, math, Tech!

Now that you're going, don't you feel better? You've done something good for someone else and yourself.

Now the sooner you do the better. Midterms are around the corner time. Think of it as a mini-decompress.

Do it! Simple as that.

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