

ELECT SOME EDITORS

CALIFORNIA TEACHER

AND NO ONE GETS HURT

Volume XC, Number 15

Pasadena, California

February 3, 1989

photos by Steve Anderson



E. G. Marshall prepares a cup of coffee during a lull in the shooting. A well cropped picture of Angela Lansbury

Teacher Dies While On Leave

by Stanley Chen

Darien Lefkowitz, on academic leave from Caltech for the 1987-88 year, was killed last May in Las Vegas when his roommate's rifle allegedly misfired. His roommate, a member of the National Guard, was cleaning his rifle when it went off and hit Darien. Darien died from the gunshot wound. He was 19 years old. The incident is currently under investigation. The National Guardsman is under trial for manslaughter.

Darien attended Stuyvesant High School in New York City. Darien was a member of the United States' International Mathematics Olympiad team in 1986. He was the first freshman in many years to be selected as a member of the Caltech team for the W. L. Putnam

Mathematics Competition. As a freshman, Darien placed thirteenth in the nation individually, and the team finished seventh.

Darien was a member of Dabney House. He was fairly popular, and was elected librarian second term. After the 1986-87 academic year, he was asked by Caltech to take a year off. He stayed the summer in a Dabney off-campus house, and in September he flew to Las Vegas. The members of Dabney House did not hear from him again, and were not informed of his death until this September, when they were requested to supply a character statement for the trial. Darien had intended to return to Caltech for the 1988-89 academic year.

"Murder, She Wrote" They Filmed

by Steve Anderson

An unusual distraction was set up on campus this week as the cast and crew of *Murder, She Wrote* did location filming at Caltech. A fair crowd gathered to watch Angela Lansbury and the magicians of Hollywood craft a small New England community out of the buildings of a Pasadena Institute.

The episode, entitled "Alma Murder", stars E. G. Marshall as the Dean of a small New England college. He and his son become involved in the show's usual murder. The director is Anthony Shaw, who happens to be Ms. Lansbury's son. The show will air in early March.

The process involved in location filming is fascinating. The

show needed a college, so the location manager checked out several locations (and their prices) before choosing Caltech. They used several locations on campus, starting Tuesday with Steele as a New Hampshire Police Station. Wednesday they filmed at the Rathskeller in the Ath for a restaurant, did some shots at Dabney Lounge and Gardens, moved to Throop Pond (with many onlookers) and finished in the library directly above 22 Gates, where they filmed a main character studying Physical Review, Volume 144.

They give a lot of attention to detail in these shoots. The props are very realistic. I had to touch the base of a fake statue to make sure it wasn't real. The statue itself appeared to be metal, with slight

green corrosion and all, but I touched it and discovered it was rubber.

Location filming is not unprecedented at Caltech. Many Darb and Flem upperclassmen remember Eddie Murphy coming for a brief shot in a Beverly Hills Cop movie. The cost to the production crew for using the campus ranges from \$2500 to \$6000 per day.

Angela Lansbury was perhaps a bit more aloof than Eddie Murphy, but she and E. G. Marshall still managed to sign a few autographs. Other stars on campus for the filming included Kate Vernon, Dinah Shore, Jason Beghe, Ralph Waite, Dana Sparks, Lee De Broux, and David Wilson.

Proposed Bylaw Changes

Proposed by-laws changes to be voted on Feb. 10

BOC Changes

Article VII, Section 3:

1. A defendant attending a hearing of the full Board may be accompanied by any one member of the Caltech community of his own choosing to keep him company during waiting periods outside of the hearing. This person may not witness any part of the actual hearing, will be bound to secrecy as set forth in section 3.1 for all witnesses, and must not interfere with the normal proceedings of the Board.

This bylaw is being reworded for purposes of clarification. For those who are not familiar with the procedures of a full Board hearing, the old wording was unclear. No changes in the real content are being made.

- s. [New item "s". If passed, old item "s"(oath) should become item "t"] When a case is reported to the Board by some member of the community, the Board will inform this member of the community that the case is being considered. If any grade changes or status changes are necessary, the appropriate faculty member or administrator will be notified of the need for such changes at the close of the case.

This item is being proposed to remove the apparent lack of communication between the faculty and the BOC. The faculty often feel that their reported violations disappear into a void, since they have no way to know that proceedings are going on. This item should be considered a procedural change, (much of which is already in practice though not formally stated anywhere in the by-laws), and not thought of as something which will affect the way the Board makes decisions on cases.

ASCIT Changes

Article XIV, Section 8, Part ,(b):

- b) The Big T. The Editor will receive a salary of five hundred dollars (\$500) with a maximum possible bonus of four hundred dollars (\$400). He may appoint a maximum of three Assistant Editors who will each receive one hundred dollars (\$100). The Business Manager will receive a commission of 5% on national solicitation ads and 15% [changed from 20%] on all other ads. The bonus of the Business Manager will raise this 15% to 20%.

For bonuses to be paid the publications must be distributed no later than the deadlines set forth in Section 9. This change puts the responsibility of getting the yearbook out on time in the hands of both the Editors and the Business Manager.

continued on page 9

And From The Y ...

SAT TUTORING—If SAT prep classes don't help raise scores, why do so many students spend so much on them? If you want to help underprivileged kids who CAN do well on the SAT with YOUR help do better, come by and check this out.

BRAD SORENSON—If you missed last year's presentation, NOW is your big chance to meet the designer of the MAZDA RX-7 in person, and eat dinner at the ATH too! Brad Sorenson, a prominent local designer and graduate of AC—Pasadena Art Center College of Design—will discuss how design can significantly affect the success of a product or business. This AMETEK co-sponsored forum follows soon after the previous evening with Bill Barry who explored the issue of marketing. There is limited seating, so sign up early at the Y.

GARAGE DEMO—Community service can be fun!!! Tomorrow, students will help Haven House (a half-way home for abused women and their children) tear down a garage. See the Y for more information.

SNOW! SNOW! SNOW!—No, it's not a Y ski trip, but it IS the mountains. The Y is having a cookout this Sunday on Mt Piños. Space is limited, so sign up in the Y office NOW!

KID SCIENCE—an on-going project sponsored by the Y, "Science for Kids" involves Caltech students in elementary school science demonstrations. For example: students last week helped neighboring elementary students calculate the "density of seawater." If you're sick of feeling dumb about your classes, come by the Y and find out about future demonstrations.

NOON CONCERT

The Caltech Y presents Walker Stories for your listening enjoyment. Walker Stories are a Pasadena favorite. They play a blend of folk and rock, and have been known to take requests! Bring your lunch and enjoy some music—rain or shine!

PASADENA SYMPHONY—students who enjoy classical music will revel among the waves from the Pasadena Symphony's concert this February 11 featuring Haydn's Symphony no. 22, "The Philosopher," and Shostakovich's symphony No. 4 in C minor. Limited number of tickets available at the Y for \$3.00—first-come first served.

COMMUNITY SERVICE—students interested in helping the homeless and other volunteer efforts should come by the Y for more information.

Bylaw Changes

statements

ASCIT Vice-President/ BOC Chairman

Jerry Hauck

The ideals and standards that have developed under the Honor System provide the necessary support and justification for a substantial portion of the freedoms we exercise at Caltech. The Chairman must invest a tremendous amount of effort and devotion in order to protect and maintain our simple system of trust. I strongly feel that Gabriela Cornejo's term as Chairman has been well spent by dispelling inaccurate visions of the Board's processes and instituting a number of new programs. She has allowed the community to place a new faith in the system that had been lost in recent years. As Chairman, I intend to use my two years of experience with the Board to continue the trend set, and provide members of the community with a strengthened sense of the reliability of the Honor System. I am aware of shortcomings currently experienced, but feel confident that with the aid of the full Board and the entire community, most problems can be minimized. I strongly advocate a higher degree of interaction between the Board of Control and the community. The need for clear homework and test policies is evident, as well as the need for increased student awareness and responsibility concerning personal and institute property. I hope an active Board can enable the community to resolve these and other problems.

The Chairman also plays a key support figure in undergraduate student government. As ASCIT Vice-president, I intend to help the Board of Directors address issues that affect the whole of the student population. The knowledge and experience I have gained through my interaction with the administration and faculty will be a valuable tool in representing the needs and desires of the students. Again, I hope to be instrumental in the effort to coordinate community interaction. Although ASCIT is a separate entity, I feel *some* results could best be obtained by welcom-

ing and inviting joint effort with the administration rather than assuming the traditional role of opposition.

In conclusion, I ask for support in my effort through your vote, as well as through your active participation in upholding our system here at Caltech.

ASCIT Secretary

Pamela Mai Katz Rosten

I am running for ASCIT Secretary for a number of reasons. First of all, I care about this school. In return for the knowledge and growth that I have gained at Caltech, I would like to make Caltech a better place for all of its students. Second, I feel that I would be an asset to the BOD because I have both good ideas and good intentions. Last, but not least, I would be a responsible and organized secretary.

In case you are wondering if I have any political experience, for the past year I have held the office of Caltech Women's Glee Club Treasurer and have had many new ideas to improve the quality of the Glee Club. In addition, I have attended many of the ASCIT BOD meetings, and I feel that I understand how it all works.

So vote for me in the election and I'll give it my all. Thank you.

IHC Chairman

Marty O'Brien

Good morning. Today, on Pearl Harbor Day, you will all be called upon to help shape the future of undergraduate life at Caltech, in part by electing a new IHC Chairman to take us into the 1990's. Such a duty should not be taken lightly, so all voters should make an effort to become better informed about all of the prospective candidates. With that in mind, for the 1989-90 Interhouse Committee Beer Drinking and Doughnut Eating Society, I promise:

-To make this a kinder, gentler campus, and to resolve in good faith the impending ice-machine crises and referee scandals.

-To treat all the house presidents with respect, promote campus unity, and help create an

environment where 850 points of light may shine brightly.

-To say the pledge of allegiance before every meeting of the IHC (I'm flexible on this one).

-No new taxes (read my lips).

In the past year, while my opponents have been carrying cards to and fro, I have served on the Board of Directors under the Weaver administration. Since my arrival at Caltech in 1986, this campus has enjoyed over two years of peace and prosperity. Yes, when others were handing out furloughs to repeat offenders in Massachusetts, when still others were diverting funds from illegal arms sales into a war that nobody wants, where was Marty? But when it came down to making Caltech a better place to live, Marty was there.

Vote for me. I am not a wimp.

Steve Farris

Among the offices that you'll be voting for on Monday is that of Interhouse Committee Chairman.

A lot of people seem not to know or care very much about the IHC, but it actually is rather important. ASCIT, especially as embodied in the President, is responsible for representing the student body as a whole. The IHC's job, headed by its Chairman, is to deal with matters concerning the seven Houses. The obvious one is Rotation, but strange things happen now and then (like RFs and the infamous White Paper) which also draw the attention of the IHC.

To chair the IHC, you want a person who has a commitment to student government. Even though you don't know me from a roadkill, I'm telling you that I am that person. Although I haven't held office, I've been attending IHC and ASCIT meetings for the past two years whenever I could (and whenever some dork didn't change the meeting time without telling anyone). I am currently the Board of Control Representative for Ricketts House -- being on the Board takes time and demands a dedication to the Honor System and to the welfare of the student body (I'm also running unopposed for BOC Secretary, so be careful not to circle NO by mistake when you vote for that office...). The way I figure it, my attending the ASCIT Budget Meeting (long and boring) when I had absolutely no reason to is easily worth half of your vote, and since you can't split your vote, you might

as well give me the rest of it, right?

It's kind of hard to convince people that you don't really know to elect you to anything. Even if you don't plan to vote for me (you hoser) your ballot is still important, so please VOTE on Monday. Thanks.

Dave Park

I know most of you start reading the shortest statement first. So, I'm gonna make this one really short. Ok, straight to my point now. I don't know if you feel the same. But I feel that Caltech is too house oriented. In a small school like Caltech, everyone should get to know each other. And there's not enough activities where we can get together as "techers". Anyway, what I'm trying to say is, we should be "techers" first. Once we got that straight then we can be Darbs, Flems, Lloydies, Moles, Page Boys, Rudds, and Scurves. Well, this is getting longer than I anticipated. So, now to my main point. If elected, I'll do my best to keep a good relationship between the "techers" and the Student Houses. So, vote early, vote often!

Dave Jeitner

I'll try to keep this short so you can get on with reading *Bloom County*.

My name's Dave Jeitner and I'm running for IHC Chairman.

Of the people running for this office, I have, by far, the most experience on the IHC. I have been a part of the two previous Interhouse Committees. Two years ago, on the Ath Team, I stood in as my House representative at numerous IHC meetings. And, during the past year, I was there as a President myself.

I have had extensive interaction with the MOSH's Office, the Housing Office, and the Deans' Office representing student opinions about everything from the proposed new off-campus roompick rules to the room improvement program of the infamous White Paper.

My position as a House President has given me experience in chairing meetings--house meetings, UCC meetings, and Ex-Comm meetings--experience that I could use as the IHC Chairman.

There's only one other thing that I can say. If elected, I will do my best to represent the student body as a whole, and to make the next IHC an effective one.

So remember me--Dave Jeitner--on Monday.

Director for Social Activities

Mike Salisbury

I guess I could go through all of the reasons I think I will do a good job as ASCIT Social Director, but you heard most everything a couple weeks ago from me. Briefly, I've served a term as ASCIT Treasurer so I know how ASCIT works. I know several members of administration involved with Student Affairs which will hopefully help get permission for activities. And most importantly, I'm willing to do all of the busy-work involved with this job. That is, organizing the ASCIT Formal, working with the Y and the house social teams to organize other campus-wide parties/events, as well as proposing many ideas of my own and being receptive to other's ideas. That's everything in a nutshell. I will do my best to do a good job, and I'd appreciate your support on Monday.

THE CALIFORNIA TECH

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February 3, 1989

EDITORS OF THE WEEK

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Danny Rintoul
Nick Smith

SPORTS

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Scott Karciski
Lanny Boswell
Carol Mullenax

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Donald Finnell
Scott Snyder
Andrew Hsu

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Gavin Claypool

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ASCIT FRIDAY NIGHT MOVIE

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BAXTER LECTURE HALL 7:30 & 10:00 p.m.
\$1 for ASCIT members \$1.50 for others

Next Week

Splash

statements

Athletics Manager

Scott Kister
 Since you are reading this statement, you are probably trying to decide which candidate to vote for, for ASCIT Athletic Manager. According to the *little t* (last year's), the duties are handing out letters, acting as a go-between for the Athletic Department and ASCIT, and making recommendations about Interhouse and Discobolus sports.
 Because of my participation in varsity sports and my position as sports editor of *the Tech*, I have experience in dealing with the Athletic Department. I also have ideas about improving Interhouse and Discobolus competition, including changes to increase participation.
 You should vote for me on Monday, because I have the experience necessary, and I would like to improve the inter-house competitions.

Nancy Hua and Emmeline Naranjo
 We want to be ASCIT Athletic Managers. We are actively involved with intercollegiate and intramural sports. The job isn't that difficult, and a team of two will ensure that someone will be here

when you come by to pick up your letters. If elected, we'll work to make sure Warren retires this year. We'd appreciate your support on Monday, dudes.

Frosh Director-at-Large

Jason Curtis
 Hi! My name is Jason Curtis and I'm running for the office of Frosh Director at Large.
 A week or two ago, one of the friendly upperclassmen said to me, "Hey frosh! You're on Pass/Fail... Why don't you find something constructive to do with your time?" So, like an obedient little frosh, I sat down to think what I could do with my spare time. Having heard that it was almost time to sign up for ASCIT elections, I decided that it would be a very good use of my time to run for (and hopefully become) Frosh Director at Large.
 Not being completely foolhardy, I decided to try and find out what it is that Frosh Director does. Upon consulting a past *little t* (something many frosh have never seen), I found that (quoting liberally) "one of the directors is always a freshman, just so there'll always

be someone to do the dirty work." I thought that the job sounded like a great opportunity, and besides, I had always wanted to get more involved in ASCIT activities...

So, here I am, down on my knees begging you for any support you can give in the upcoming election. Thanks.

Hoyt Hudson
 Vote for me for Frosh Director at Large because it is my destiny. Thanks.

Activities Chairman

Andrea Mejia, Pete Wenzel, Mike Ricci, and Rob Padula
 We are running for ASCIT Activities Chairpeople.
 Why should you vote for us? Well, we have good taste in movies. We also are willing to listen to your suggestions for movies; we even invite them.
 We promise no lame shorts (such as the "Ride of the Valkyries"). We also will play the shorts *before* the movie, not after it, as has happened in the past.
 One of us is a frosh, and therefore has plenty of time. Another is working on the musical, and in a couple of weeks will have lots of free time. The other two consider the movies a lot more interesting than trolling, and thus have more

than enough time.
 P.S. If we don't win, it's Brad's fault.

Ken Andrews, Glenn Eychaner, Erik Hille, Eugene Lit, and Ed Nanale

If we are elected as Activities Chairmen (the movie people), we promise:

- 1) We will never make a mistake (but we can't speak for Brad, of course).
- 2) We will conduct a scientific survey to determine the fine tastes of our discretionary audience (which may or may not have a bearing on the movies we select).
- 3) We will advertise a short feature with each film (which might be the one we actually show).
- 4) We promise to lower admission prices (for anyone under 3 feet, 6 inches tall, Irene excluded).
- 5) We promise four responsible, enthusiastic, qualified, and reasonably intelligent projectionists (willing to keep all of the above promises), and Erik Hille.


Ed Nanale was one of the Activities Chairmen for the past year. Kenneth Andrews has been a projectionist for the Cinematech film series for about a year; Eugene Lit is involved with Cinematech as well. Erik Hille (not listed on the ballot) has been collecting money at Cinematech movies for some

time (and promises to return it). Glenn Eychaner has no qualifications (but we all have to start somewhere).

Director of Academic Affairs

Ashoke "Bappa" Mukherji
 The *TQFR* is dead, but all is not lost. Fortunately, we now have the CLUE, a superior publication. The new format of the CLUE addresses some of the problems that formerly existed, but I believe that there is still room for improvement.
 As the forward says, the primary reasons for this report to exist is to "provide students with information which might affect their course selection; and, provide faculty with useful feedback on the effectiveness of their teaching methods." In order to do this more effectively, I believe that the CLUE should be expanded to include all three terms, not just the spring term. In this way, students will be provided with more information about elective classes that are only offered once a year and classes that have different professors each term. Additionally, faculty members that do not teach third term will also find the CLUE useful.

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Students signed up for interviews are encouraged to attend. To sign up, please contact the Placement Office.
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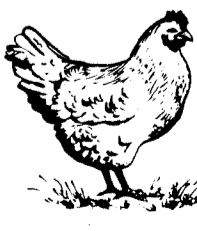
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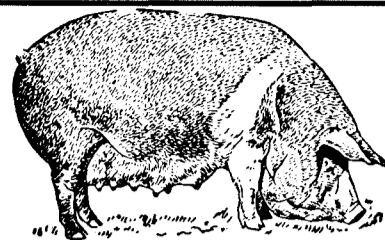
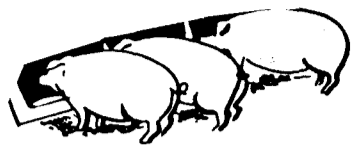
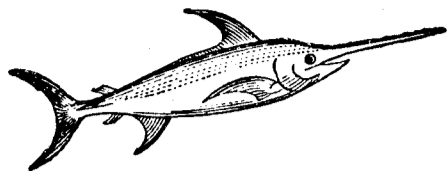
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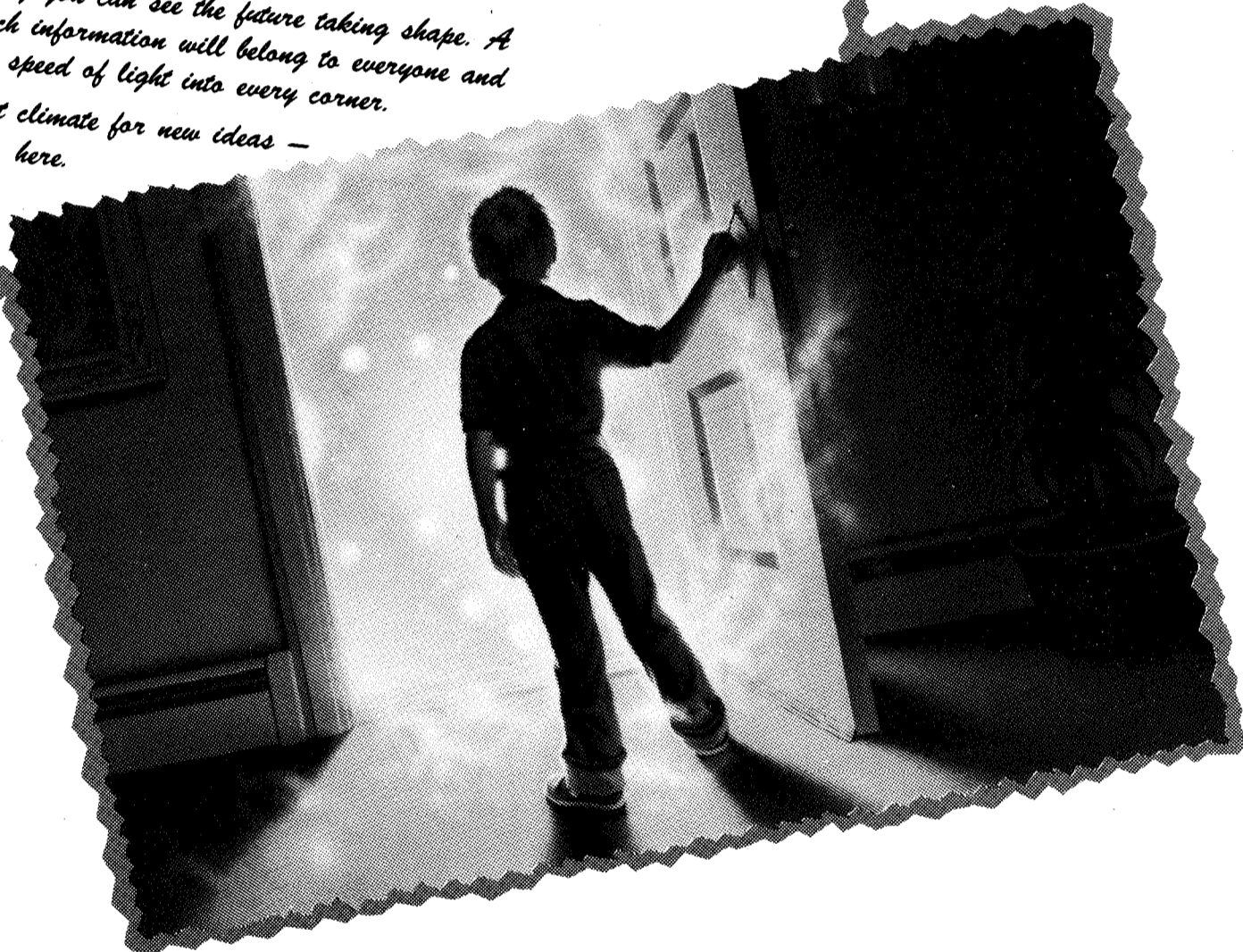
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entertainment

Fun Tips

by Andrew Hsu

That's right folks, if writing for the Tech is becoming your lowest priority in life, face the consequences of reading another article about my favorite topic (next to science, that is) - music. [This is provided that you have already read the Bloom County and Inside World and are about to use this issue of the Tech to line your garbage can.] The lesson to be learned from this article is that even if your musical ability is no greater than playing the stereo, there are still ample opportunities to listen to great music on campus. Of course, in this day and age of hidden meanings, the subliminal message associated with the article is that if you are tired of reading about events that excite my senses, why don't you do something interesting and write about it for a future issue of the Tech?

Anyway, enough preaching. The Caltech Y's weekly noon concert series continues this Friday with a band called *Walker Stories*. A fine assortment of folk and rock songs will be sure to make even the most indigestible food tolerable. On the subject of noon concerts, if you enjoyed last week's band, the *Bedshredders* - the Shredders will be playing on Feb. 10 at the 'Cage. *Walker Stories* certainly is definitely another band that adds proof to my theory that bands with silly names play great music. Don't miss it.

Later tonight, the friendly people at OPE, the people that never fail to mention that the Caltech community is eligible for amazing discounts to OPE events, proudly sponsor *Kodo, Heartbeat Drummers of Japan*. What makes these percussionists so special? For one, they play a variety of percussive instruments, including a 900 pound drum that they thoughtfully brought all the way from Japan to play at Caltech. Second, these guys devote their lives to their art, living communally in an isolated island off the sea of Japan and spending each day practicing their art. How many drummers do you



Kodo, the Heartbeat Drummers of Japan, will be at Beckman Auditorium tonight.

know that do this? Tonight will be their last show here in the area and according to my sources at the public events office, tickets are expected to sell out so buy your tickets now. Don't miss your one chance to see the Kodo percussion ensemble. You might have to fly to Japan to see them again. Call x4652 for more information.

In the event that tickets do sell out, or if your musical tastes lean more towards traditional western music, the office of student affairs will be sponsoring a chamber music concert in Ramo auditorium. Performing tonight will be various ensembles that were coached by Delores Bing as part of the PA31b chamber music class. The concert will include works by Telemann, Stamitz, Haydn, Quantz, Arnold, and various Bachs. Admission to this concert is free and so is the reception that follows. Last week's chamber music concert in Dabney Hall was almost completely packed so do plan to arrive early to get a good seat.

Finally, on Saturday evening, the Caltech Jazz Bands, under the direction of Bill Bing, will be playing a concert at Ramo auditorium. The performance will feature charts by artists too famous to mention. The jazz bands are always quite entertaining to listen to and the admission is always free. What's more, going to the jazz band concert will allow you to meet the infamous *Dave Cole*. Bring your friends and loved ones and swing the night away.

Unquestionably, finding a variety of music on campus is much easier than trying to find an advisor during drop day. What's more, music is one of those campus activities that seems to bring together all forms of the Caltech community, whether it be staff, grad students, undergrads, and even faculty.

Aside from the cover, the book is pretty good, although very peculiar. You see, these funny little men who claim to come from another planet are living underneath a gold mine in western Canada and, while sponsoring crackpot political groups to keep the curious away, are working on a doomsday plan to wipe out most of humanity. Into all this wanders our hero (Bart Dybig), and the reader soon deduces that the hero's father was one of the funny little men. The hero (and the reader) also soon notice that there are a lot of holes in the various stories told by the little men, and that something smells like month-old fish. For instance, most of the slaves kept to do the work think they died and were brought back from the dead as much as centuries earlier... but they don't quite remember the right things. The underground complex is supposed to be thousands of years old, but can't be, for a number of reasons. So it stands to reason that the plot to destroy all of humanity must be a hoax, right? Well...no. That part is true. They just lied about the frills.

The Earth Lords continues the tendency that Gordon Dickson has of putting a superhuman character at the center of the story. This makes it a little hard to identify with Bart, but at least this time the story is about people even more superhuman than the protagonist, so it isn't as obvious. Bart is stronger and smarter than normal human beings, but compared to the little men (the Lords of the story title) and the best of their Hybrid offspring, Bart is almost a wimp.

The story contains several twists and surprises, as well as a lot of underground politics (not to mention a history lesson on the Holy Roman Empire). I can't say that it's one of Dickson's best books, but it's still a better than average book, as long as you don't look at the cover.

Reviews

by Nick Smith

The Earth Lords
by Gordon Dickson
Ace, \$3.95

First off, this book has one of the stupidest covers I've seen in years. The artist not only didn't read the story, but apparently forgot everything he was told about it. The cover depicts a bunch of medieval Tolkien-clone dwarves and a medieval man wandering around outside a picturesque forest keep. Not bad, but it's mainly a science fiction story taking place underground in 19th-century Canada!

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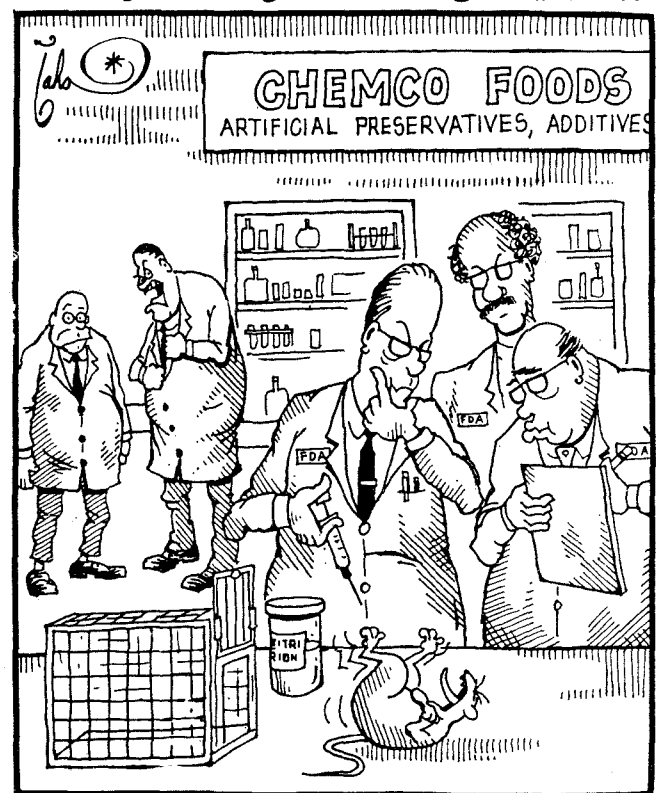
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Bloom County by Berke Breathed



Odyssey

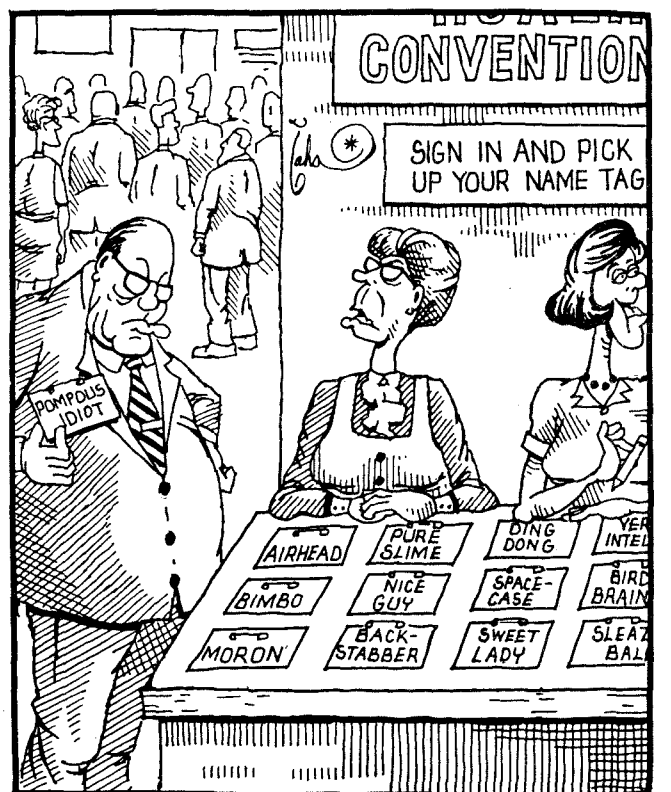
© L. Taha 1988



Damn it! He knows the FDA is here. He's faking it.



Civilization suffered a major setback when the tribal chieftain denounced Grog's invention as witchcraft and had him clubbed.



I'm sorry about the name tags but, this year we have to comply with the new truth in advertising laws.

The Inside World:

This week's Inside World was brought to you by:

- Dabney: David A. Edwards.
- Fleming: Who cares.
- Ricketts: Who cares.
- Ruddock: Chris Martin and Dino Chiti.

Dabney:

Congratulations to the following important (and not so important) newly elected officers, members of a totally-new ExComm:

- President: Jon "Escher's poopier scooper" Hamkins
- Vice-President: Rus "dammit, it's Thursday" May
- Secretary: David "I am not uptight, but don't take my towel" Edwards
- Treasurer: Pete "what day is it/Ebenezer Scrooge" Wyckoff
- Social Vice-President: Robert "the pimp" Hanna
- Athletic Manager: Dean "the jock" Brettle
- Chemist: Dave "a condom in every box" Bourgeois

In accordance with current political practice, the investigative reporting division found out the following things about Jon Hamkins: 1) he has tie-dye underwear, 2) he wears nail polish on his toes, 3) he often finds women's underwear in his laundry, and 4) he uses the women's restroom whenever he possibly can. Too bad we didn't learn all this *before* we elected him president.

This weekend is the unofficial Dabney House relieve your stress/spend a day with Steve Anderson session. Come out in force and destroy a house and/or Steve!

I think we have witnessed the complete transformation of Jon "Butt Licker" McGill. Though Tracy is the pinhead, I think Jon is going to be Rus' true replacement. I mean after getting his hands (and head) stuck in all kinds of dark, damp holes, raising shower graffiti to a new art form, and single-handedly consuming half of Tracy Fu's J.D. Award, what more is there to do? Alright, he doesn't have a 30 year-old girlfriend yet, but I'm sure he's working on it. Unless, of course, his new librarianship is satisfying him. It's amazing how quickly he changed his mind about wanting to take care of all those "books".

I have been criticized lately that my Inside Worlds have been too namby-pamby and not offensive enough. Well, never one to disappoint my fans (or cater to my critics), I wish to describe:

Foreplay in Dabney House

- Alley 1: An hour of tutoring a bruin (or is that a bruinette?).
- Alley 2: Sharing a bottle of vodka.
- Alley 3: Tickling on a waterbed.
- Alley 4: "Katrin/Jackie, I'm home."
- Alley 5: Playing with an 18K gold slinky.
- Alley 6: Eight hours of Elvis music.
- Alley 7: Cooking something Oriental and foul-smelling.
- 317 S. Holliston: Sharpening Miriam Yee's axe.
- 360 S. Holliston: Something which is too disgusting to print, but which involves several pounds of cheese.

-Big Blue Darble

Fleming:

Yes, its true, the amazing nitro-burnin' tire-scorchin' Fleming Inside World is back, but with a few changes. First change is that Young Fansome is no longer with us. Kent has gone from silly sophmorehood to jammin juniordom. What with AMa 95, or as I always used to call it, THE CLASS FROM HELL WITHOUT A TEXTBOOK, (but then I got an 'A' first term, so my opinion is probably a bit higher than most other people's), and all, he doesn't have enough time to spend hours and hours creating a literary masterpiece such as the one you are now reading. On the other hand, no longer will he be around to corrupt me and force me to put in wild sexist meanderings, and vague innuendos about Linda Schlueter, so things should be a lot cleaner this year. (Darn.)

House News: Let's get this out of the way, shall we? As usual we're stomping all the other houses into the ground in both Discobolus, and Interhouse. (not that we would admit it if we weren't, but we are, so nyahh.) Liz Warner (a.k.a. SuperGirl) took first in long jump, and she lives in my alley so I thought I'd mention her. Wine and Candlelight is coming

continued on page 9

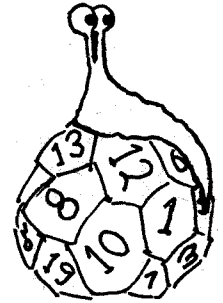


So they're off to see the wizard. The scarecrow needed a brain, the tin man needed a heart, and the lion needed courage. They later came across a guy that needed psychiatric help, but they left him behind figuring they had enough problems, with the witch and all.

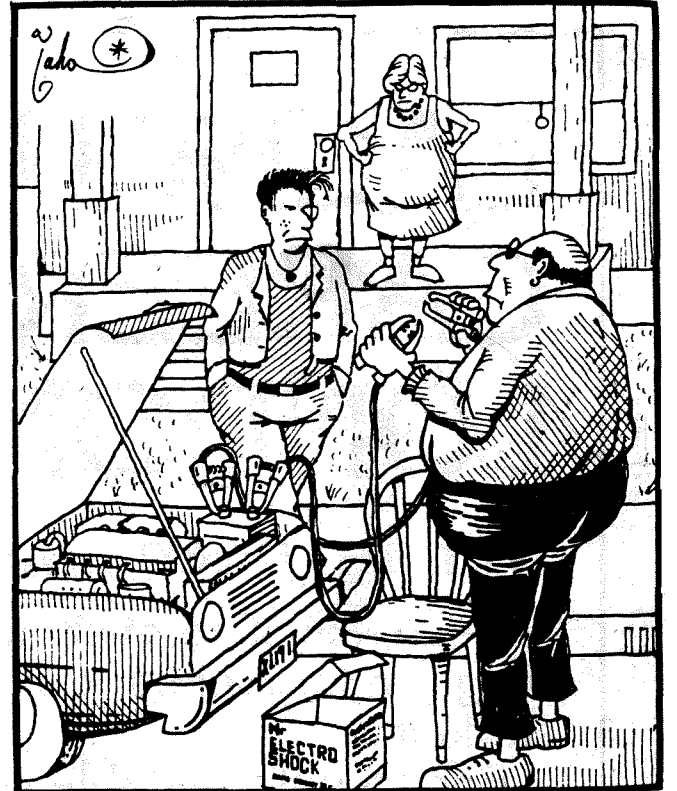
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being me



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DREAD ZEPPELIN




Reviews

by Danny Rintoul

Stay Awake Various Interpretations of Music from Vintage Disney Films A & M Records

Chances are that you haven't noticed this record before on your outings to Poo-Bahs or any of the other local record establishments. It sits in the "Collections" rack or perhaps the "Various Artists" bin along with most of the unclassifiable junk nowadays. Even if you had seen it you would have been unlikely to buy it, it being a bunch of old Disney songs. Well, here's the real story.

Stay Awake consists of a rather motley collection of artists ranging from the gravelly blues of Tom Waits to the rock sounds of Los Lobos to the operatic soprano of Yma Sumac. Over 20 artists were asked to do their own version of some old Disney classic that they liked, and the finished product was as much brilliant as it was original.

The highlights on the album were the songs that were liberally interpreted by their performers. Waits' "Heigh Ho" was one of these. It had a rather gloomy fatalistic feel to it that you could well imagine a bunch of miners going down to the mines every day would have. Some of the more upbeat songs were even more fun than the originals, such as "Cruella DeVile" by the Replacements, "I Wanna Be Like You" by Los Lobos, and "Castles in Spain" by Buster Poindexter.

The magic touch was still there, however, in the sweeter songs. Suzanne Vega's a capella "Stay Awake" is easily as good as Julie Andrews' *Mary Poppins* hit, and Bonnie Raitt's "Baby Mine" was certainly better than anything that I remembered from *Dumbo*. The only real letdown on the album was Ringo Starr's "When You Wish Upon A Starr". But then again, what can you really expect from Ringo.

The point is that this is a really great album, and we could all use a little more Disney in our lives. So if you're just too embarrassed to buy the originals, this is a good way to get your Disney fix while still feeling good about yourself.

by Andrew Hsu
You find yourself in at a club, the place is packed. After listening to a DJ that plays exclusively P-funk and other 70's music, a band takes the stage. They look like a bunch of guys that just came back from filming a Monty Python movie about a band that played in the 60's, except for that one guy with the dreadlocks. The DJ stops playing tunes and the band begins to play riffs that sound vaguely familiar, yet distinctively reggae. Then the most bizarre thing happens - an Elvis impersonator joins the rest of the band on stage and begins to sing. Almost instantly,

you realize why those guitar riffs sounded so familiar - the band is playing Led Zeppelin tunes, only in the reggae-mon time...

Ladies and Gentlemen, welcome to a night of *Dread Zeppelin* at the 'Cage. Inspired by the lack of quality heavy metal reggae/ska tunes, a deep adoration for Led Zeppelin, and the possibilities of having a tremendous amount of fun, the members of Dread Zeppelin have formed a band that will impress a wide variety of club-goers, from your typical metal head to your ska-ankers. What's more, women seem to be attracted to the band as the frontman is none other

than an authentic replica of Elvis during his Vegas years. He even sings like him too.

Now if you think that Elvis singing Led Zeppelin tunes is a bit strange, consider this: Elvis Presley and Jimmy Page's birthdays are only one day apart. Coincidence or karma? You decide.

After playing to consistently packed crowds at the 'Cage, there is no doubt that the band can deliver a great show. Not only is the band musically tight, but the members of the band seem to be having a good time on stage, which is not always the case with some bands. While their interpretation of

old Zeppelin tunes borders more on ska than actual reggae, the end result is quite danceable, or at the very least enjoyable. Their version of *Stairway to Heaven* should not be missed.

But don't take my word for it. Come see *Dread Zeppelin* with Tortelvis on lead vocals, Ed Zeppelin as the reggae-mon, Carl Ja on lead guitar, Ja Paul Jo doing rhythm, Put-Mon playing bass, and "Cheese" on drums. They play the 'Cage tonight at 10:30 p.m. The 'Cage is located next to the Icehouse on Mentor Ave; for more information, call 355-6579. See you there.

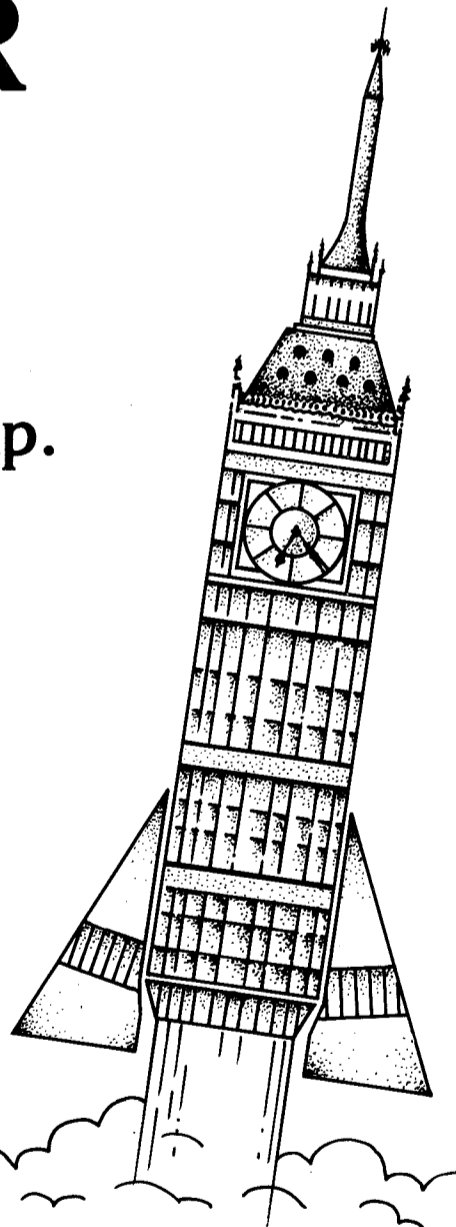
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continued from page 7

up, so all you women in other houses should go out and seduce a Flem while there's still time. After all, where else can you wear that prom dress? Movie night is this weekend, current votes for Porn Movie Choice put Insatiable out in front, or rather on the pool table. (Wap. Wap. Wap.)

Things that piss me off: FIRE ALARMS, The Housing Office, the fact that AMa95 doesn't have a book yet, and the pamphlets it does have are the worlds worst photocopies. (Yeah, sure. Cohen and Saffman are going to write a book.), women who wear baggy clothes, the French, people who tell me to shave my back (yeah, like I can really reach...), the "lost episodes" of The Honeymooners, and the word "moist."

Today, I'm going to address the first problem, the GODDAMN FIRE ALARMS. As we all know, because the housing office really cares about us students (Honest!), it decided to install hair-trigger fire alarms, so that in case there was ever a fire, we wouldn't believe it. Unfortunately, the housing office bought these alarms from Omar the Tentmaker, hence their high degree of reliability. (You know, not going off if you actually set fire to something, but going off if you play your stereo too loud.)

At any rate, here is how to fix your fire alarm the next time it goes off.

First, get two popsicle sticks. (For you frosh, that's of piece of wood about ten times longer and about the same thickness as your penis.)

Next, find a fire alarm that's going off. (This is the easy part.)

Gently insert the popsicle stick in the middle of the bottom of the grill over the buzzer portion of the alarm. If you do it right, the alarm will change from ASSASDFYJGHLJGH to hggghjkggkkg. Which is still too loud to sleep through, but at least you won't be deaf anymore.

Repeat as necessary until you run out of fire alarms.

Next Week: How to un-re-wire the stove fans so that they don't go on when you use the stove. (For those of you who don't like living inside a jet engine.)

-NeanderFlem (Everyone's Favorite Flem-Well, Maybe Everyone's Furrriest Flem)

Ricketts:

Since I have come to Caltech, I have learned to challenge authority, to question the obvious, to understand the imperceptible, and yet, I feel that my integrity, my capacity to shrewdly judge the people around me, my

continued on page 11

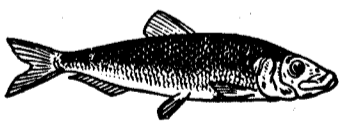
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Article VIII - Elections and Procedures

Section 1. Nominations for the offices of President and Vice President shall open at...

Section 10. All officers shall be installed at the second Board of Directors meeting following the election of the non-Vice President/President officers...

This is a proposal to run elections for ASCIT President and Vice-President concurrently, since there is little overlap in candidates for these two offices. There is often overlap between candidates willing to be both President and Treasurer (and BOC Chairman and Secretary). This proposed change would allow more opportunity for interested candidates who have lost President or Vice President elections to run for important BOD or BOC positions.



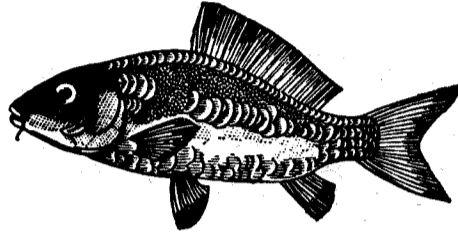
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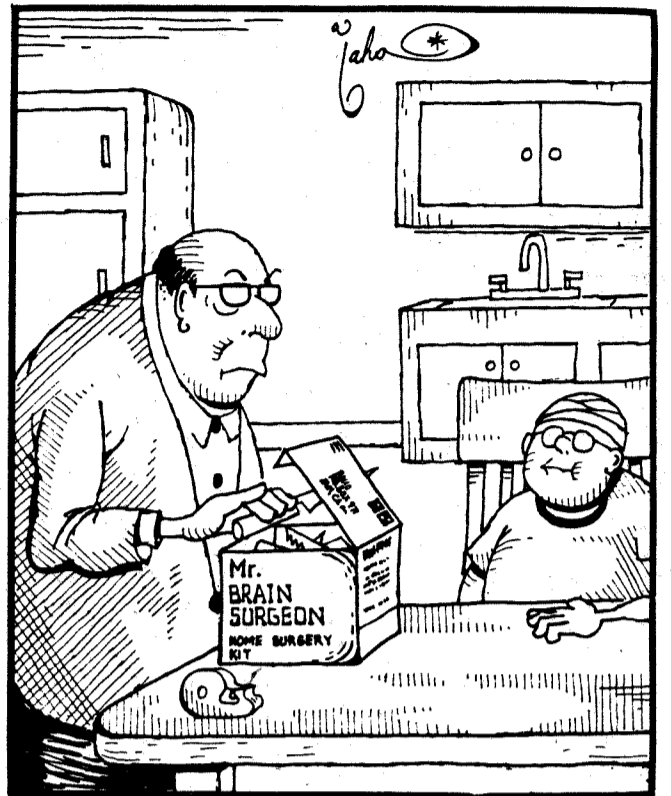


are for the feeble-minded



Odyssey

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After what turned out to be a rather messy fiasco, Ted decides to return his Mr. Brain Surgeon kit, and get his \$19.95 refunded.

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Beaver Fever Continues

by Lanny Boswell

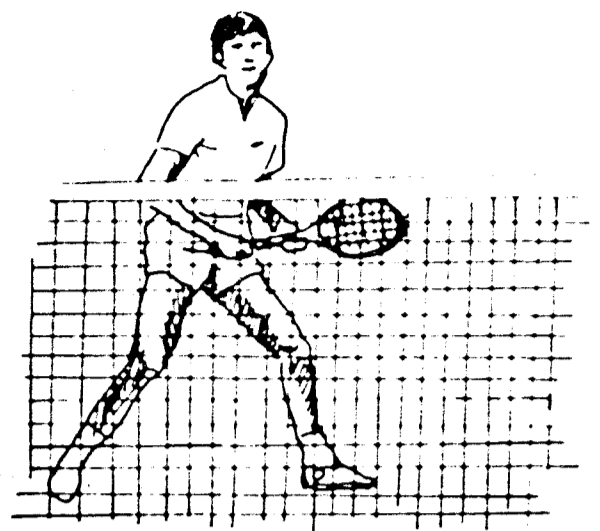
After a tough loss against Pomona on the road, the Beaver basketball team was unable to turn things around for a victory at home against Redlands, Friday. Supported by a large turnout in the stands, the Beavers played an inspiring first half, trailing by only one in the first twenty minutes of play. Bill "The Giant" Swanson led the first half scoring with 17 points, including seven out of nine from the free throw line. In the second half the Beavers were unable to take the victory, as Redlands put in a three pointer with fifty seconds to top it 58-55 at the close. Leading in points for the night were Bill Swanson with 21, Aram Kaloustian with 12, and George Papa with 8. Jason Karceski, Sean Hillyard, and Larry Ahle put in four each, while Captain Brad Scott scored two points.

Saturday, the Beavers played Pacific Christian at home, in an attempt to put the team back on the winning track. After a strong effort, the Beaver team was disappointed by a 62-50 loss. High scores for the game came from Swanson with 11, Papa with 10, Kaloustian with 9, and Karceski with 8. Scott, Ahle, and Hillyard combined for a total of 12 points.

On the road against Whittier, the Beavers had trouble shooting at first, resulting in a ten point Whittier lead at the half. The Beavers out scored Whittier in the second half 31-29. Showing intense determination, they came back to tie the game at 43 with only four minutes remaining. Then a series of questionable calls let Whittier travel to a win, 55-47. Top points in the game were Bill Swanson with 18 and Jason Karceski with 12. Papa

and Ahle each put in 6, with Hillyard scoring 5. While lack of sleep due to midterm week was a problem mentioned by some of the team, it was not a problem for seniors Brad and Aram, who did not even know that midterm were here.

All three games featured efforts by Randy Ralph and strong bench support by Dan Kollmorgen and "The Four" (Alex Duncan, John Philippakos, Brian Duchovnay, and Lanny Boswell.) Next Tuesday, the Beavers go on the road to attempt a victory against Redlands. The following Friday, at 7:30pm, the team plays Occidental at home. So come to the game, get fired up, cheer on the team, and become a CalTech athletic supporter.



Women's Tennis Team Wins 9-0

By Nax

"But why, if the match starts at 11:00 a.m., wouldn't we get back until 4:00 p.m.?" asked freshman Nancy Hua as the women's tennis team set out on Saturday at 9:15 a.m. for Christ College in Irvine. "Well, it's possible for someone to go three sets in the singles, and then three sets in the doubles, taking up to four hours or more," replied senior Carol Choy, as she then went on to demonstrate this possibility for the benefit of the new players. Senior Jane Seto, on the other hand, illustrated the proper approach to efficient tennis by denying both her singles and doubles opponents a solitary game.

Starting off slowly, number one singles player Carol Choy lost her first set 2-6, but then woke up and won the next sets 6-3, 6-4 from CCI's Corrie Stilmachowich. Number two singles Jane Seto handily trounced her opponent Anne Kringel 6-0, 6-0, and managed to be the first match done despite several two-minute points. Junior Laura Hernandez, in the number three

spot, viciously served and volleyed her way to a 6-2, 6-0 victory over Larissa Casillas. Fourth singles senior Carol Mullenax cruised to a 6-1, 6-1 defeat of Tina Largrimanta. Stomping on her opponent Stephanie Skov, fifth singles senior Junko Munakata triumphed with a 6-0, 6-1 win. And newcomer Nancy Hua, in the sixth spot, decimated Kelly Kelso 6-4, 6-1.

Ripping apart Kelso and Skov 6-0, 6-3, senior Karen "Robocop" Oegema and Munakata easily won at third doubles. Second doubles team of Hernandez and Seto did a quick replay of Seto's singles match, crushing the Casillas-Largrimanta team 6-0, 6-0. The Choy-Mullenax first doubles team duplicated Choy's singles match by dropping the first set 2-6 to Stilmachowich and Kringel, but then went on to win the next sets 6-1, 6-3. This made the final score Caltech-9, Christ Colege-0. All in all, an excellent day for the women's tennis team.

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Sat.	2-4	11:00 am	Swimming (M-W)	CMS & Occidental College	Caltech
Sat.	2-4	11:00 am	Tennis (W)	Mt. St. Mary's	Mt. St. Mary's
Sat.	2-4	12 noon	Baseball (2)	Pac. Coast Baptist Bible College	P.C.B.B.C.
Sat.	2-4	1:00 pm	Fencing	C.S.L.B. & C.S. Fullerton	Caltech
Sat.	2-4	1:30 pm	Tennis (M)	Christ College	Christ College
Mon.	2-6	1:00 pm	Golf	Pomona-Pitzer	Occidental
Tue.	2-7	2:30 pm	Baseball	La Verne JV	Caltech
Tue.	2-7	3:00 pm	Tennis (M)	Azusa Pacific	Caltech
Tue.	2-7	7:30 pm	Basketball	Redlands JV	Redlands
Wed.	2-8	3:00 pm	Tennis (W)	Occidental	Caltech
Wed.	2-8	8:15 pm	Ice Hockey	Cal Lutheran	Conejo
Fri.	2-10	7:30 pm	Basketball	Occidental JV	Caltech
Sat.	2-11	10:00 am	Tennis (W)	Christ College	Caltech
Sat.	2-11	11:00 am	Swimming (M-W)	San Bernardino & P.C.C.	Caltech
Sat.	2-11	12 noon	Track	Chapman, Christ, La Verne	Caltech
Sat.	2-11	12 noon	Baseball (2)	Masters & Whittier	Caltech
Sat.	2-11	2:00 pm	Tennis (M)	Menlo College	Caltech
Sat.	2-11	2:00 pm	Tennis (M)	Claremont-Mudd	Caltech

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continued from page 9

intellect, my ascetic, puritanical principles, my entire moral fiber was suddenly destroyed all because of one weekend just last month when I indulged in the luxury of sharing the company of about a dozen or so USC coeds majoring in business and all maintaining a GPA of about 2.5 or so, and forever after I fall into the fiery abyss of hell, living this decadent lifestyle. I was once a fine, upstanding young man, the envy of my colleagues. Now all I can do is listen to KNAC at full volume, drink beer, and watch daytime television, which contains programming material which is often targeted toward an unhappily married and unemployed audience, judging from the Jacoby & Myers divorce attorney commercials and the advertisements promising financial solvency if only I enroll for evening classes at the Devry Institute of Technology. And yet, I still wonder. I wonder why that lady behind the counter at the back of the bookstore takes so long to get from her desk to the cash register. I wonder why I always pass an elderly man wearing a bathrobe everytime I walk to 150 S. Chester in the middle of the night, I wonder if Coffeehouse patrons have ever interacted with each other on any kind of social level, or if they would be able to do so if all the comicbooks down there were suddenly removed, I wonder if those USC women are coming back every single weekend this term, I wonder how the theory of evolution could possibly explain why I have a pink thing hanging from the back of my throat. All in all, I would have to say that I am a very fortunate fellow. I have a full wardrobe of button down Oxford shirts. And yet, I don't have the sense to remove the cardboard from the collars. I can't wear a tie anymore. It just goes to show you, everything's relative. You can't put a price tag on some things, and like Mick Jagger once said, "You can't always get what you want." But then again, Mick Jagger also said "Hang Five," and I don't know what that means. Well, I guess it just goes to show you.

—From the files Hamster and Fish
Animal House Residents

Ruddock:

Something's been missing from dinner at Ruddock House. No, it's not the halibut which Keith keeps taking, it's the familiar squealing, just before dessert. Betsy did a fine job, but Ruddock House has a new, kinder, gentler ex-comm. They were sworn in last Wednesday with some chuckles and lots of mighty fine \$5.99 Trader Joe's brand champagne for everyone. The solemn, candlelit event was followed by a bloody game of smear-the-queer on the Ath lawn. The lawn won.

What's the new ex-comm like? Well, it's kinda like shifting from 1st to 3rd without using the clutch. The fuck-truck has become the presidential limo and a BFD editor has become the Veep. (Larry will be selecting his favorite flavor of 9-lives for the next mystery-mash drop) The ath-team has become a press-gang, signing people up to run track. So if you see them coming, don't run; it only encourages them. Instead, most people used the

TOP 10 REASONS NOT TO RUN TRACK

10. Shin splinters
9. Sprained ankle jumping around at UCLA
8. Mateo has bad aim with shotgun
7. Long runs make me projectile vomit
6. Roger can do it better
5. Howard can do it better
4. I might sweat
3. I have no house spirit
2. Ath team has no charisma
1. Rather be deriving the non-ideal diode equation.

The new social team? Well, last week's event of hot, hot funky oral sex didn't go over too well. But Annetta's gratuitous use of ice cubes was definitely exhilarating!

Keith made everyone's weekend by bringing his cousin and her friend to visit Ruddock. The two delightful ladies made friends quickly, perhaps too quickly for Keith's motives. But the two spent the night in Keith's room. This stinky behavior is usually frowned upon, but Matt's additional presence didn't allow Keith to hog all of the fun.

Ruddock was plagued by spirits over the weekend. Rumors persist of a well dressed balloon man silently floating through the alleys. Should the ghost be reading this, Mateo wants his tie back! Rudds have also seen a possessed stuffed bear in Andy's room. This bedeviled creature spews ski-reports and concert information at strange hours of the morning and it spells Caltech with a 'K'. We deny these rumors and warn Rudds to go easy on late-night trolling and lay off Gary's pasta.

Finally, Jon's lady-killer tip to Scott : Hone your weapon nightly!!

what goes on

E.T. Bell Competition

Juniors and seniors interested in fame, fortune and glamour should find a faculty sponsor and submit an entry to the E.T. Bell Undergraduate Mathematics Research Contest. Entries are due by the end of the 4th week of third term.

Morgan Ward Prize

The Morgan Ward prize is open to all Caltech freshmen and sophomores. Entries should consist of a problem and a solution or significant progress towards a solution. Entries may be submitted by an individual or a group of students, and each student is limited to no more than three entries. All entries are due the fourth week of third term.

Need A Club Mailbox?

If your club or organization receives mail, then you need to have a mailbox in the SAC. We have about 100 mail slots, total (about 50 still available). Clubs will be assigned a permanent mailcode by the SAC. Stop by and see Nancy T, Th, F 1:30-3:00 pm or Milly, M-F, 1-5 pm, to receive your club mailbox.

Yet Another Totem Poll for Art

Attention writers, poets, and artists! The second Totem in as many years will appear this spring and will contain a diverse, if not complete collection of Techer-expressed wisdom and imagination. Address submissions to 116-58. For information contact Sam Dinkin (1-59 or x3828), or Erik Russell (Annex #5, 1-59, x6188). Copies of previous issues of the Totem are available.

Join A Computer Club

New to computers? Want to meet other computer enthusiasts? Willing to help others? Join CPU. With our growing library and knowledgeable members we can help you solve almost any computer problem. Come to our meetings Mondays at 5:15 pm in Rm. 15 SAC. Next discussion topic: using electronic mail to talk to other campuses.

Japanese Film Series

This week's showing in Prof. Rosenstone's Japan Film Series will be: *Human Bullet* (1968, directed by Okamoto). The showing will be on Monday, Feb. 6 at 7:30 pm in Baxter Lecture Hall.

SAC Has Big T's

If you are entitled to receive a 1988 Big T and are having a hard time finding one, come to the SAC! Nancy, SAC Coordinator, has Big T's in Rm. 64. Simply sign your name on the Big T list when you take one. Note: those not entitled to receive one may also take one and be billed \$24 by the Big T.

Caltech Has Jazz

There will be a concert by the Caltech Jazz Bands this Saturday, February 4th, at 8:00 pm in Ramo Auditorium. Come support all your friends in Caltech's two fine, eighteen piece bands. There's good music, free admission, and a reception after the concert.

Medieval Meeting

The Caltech Medieval/Renaissance Society is having another meeting (...and there was much rejoicing!...) this Sunday at 3:00PM in clubroom 1, Winnett. Potluck: bring munchies of beverages. Call Amy & Doug (449-4391), Erich (356-9314), or Sean (577-7953) for info.

Caltech SEDS Meeting

The next meeting of Caltech SEDS will be held on Tuesday, February 7, at 7:30 pm in Rm. 15, SAC. We will be showing films of the Corporal and Sergeant rockets from the early years at JPL. All members of the Caltech community are invited to attend. Refreshments will be served.

Aloha Oi

The Caltech Hawaii Club will be having a meeting/luncheon this Saturday, February 4 at 12:30 pm. All members should try to attend. If you are interested but are not a member, please contact John Kubodera at 578-9768 or leave a message. Mahalo.

Coffeehouse Branches Out

There are now vending machines located in the SAC gameroom, managed and stocked by the Coffeehouse. If you lose money in these machines (soda, snacks, fruit juice) please write your name, etc. or the refund list for the vending machines located in the bulletin board in the gameroom. Then stop by during Nancy Matthews' office hours to obtain your refund.

Ethical Sex

"Sex, Fraud, Piracy: Ethical Issues in Scientific Research" is the title of a talk to be given by Professor of Philosophy Philip Kitcher of U.C. San Diego. It will take place at 12:05 p.m. on Wednesday, February 15, in the Judy Library. There will be no refreshments, but you may bring a bag lunch.

Coffeehouse Hours

Coffeehouse hours are 8 pm-1 am, M-F and 12 noon-2 pm, 7 pm-1 am, Sat-Sun. If you have an idea for a special event, see Head Manager Barry Lind or Nancy Matthews, SAC. Also, those interested in waiting at the Coffeehouse should see Barry.

SAC Services

If you're interested in reserving a room in the SAC or Winnett, need to buy an AS-CIT copycard, want to register to vote, want info on on-campus and off-campus activities, need help planning a program, etc., there are two people in the SAC to help you. Milly Peña is available from 1-5 pm M-F in SAC Rm. 38. Nancy Matthews works in the SAC between 8 am and 5 pm and holds open office hours between 1:30 and 3:00 pm, T,Th,F.

Y Book Exchange

Bring your used, unwanted textbooks to the Y. We take them, display them on our bookshelves, and sell them to poor suckers who will use them in the future. They get a good deal on textbooks, you get some of your money back. Let's band together to beat high textbook prices. The Y also has ring and report binders, and novels new and old.

Earn \$ By Driving

Occasional transportation needed for Iona Brown (Violinist/Conductor), L.A. Chamber Orchestra, Holiday Inn to Beverly Hills. If interested, call (213) 395-0076, Mrs. Kennedy of the L.A. Chamber Orchestra, or see Nancy Matthews, Rm. 64 SAC.

Win a Cake

Pat Robb (the Coffeehouse desert supplier) is having a contest to pick a name for his new catering service, and the prize is a cake of your choice!

You Asked For It...

Tonight 2/3/89, the Coffeehouse will offer a fish-fry special! Come down and check it out 8 PM-1 AM. Please, no fish shakes!!

Polish Workshop

The Polish Language Workshop offers the opportunity to learn or review Polish in a friendly, relaxed atmosphere. It meets Thursdays from 7:30-9:30 pm in 210 Thomas September through June.

Social Security Booklet

Social Security? Many people only know half the story. Get the whole story from the free booklet, "Social Security, How It Works For You." Call toll-free 1-800-937-2000 to request the booklet.



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Board of Control Interviews

Interviews for the Representative at Large positions on the Board of Control will be on Monday evening, February 13. Information and sign-ups are posted in each of the seven houses, the Master's Office, and the Dean's Office. Please sign up no later than Wednesday, February 8. Talk to the house representatives or call x6200 for more information.!

Rag Time on Green

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what goes on

Submit announcements for *What Goes On The Back Page* on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Indicate the date(s) the announcement must run. Announcements for the current issue must be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

More Engineering Money

Equal Opportunities Publications, Inc. offers two non-renewable \$500 scholarships to honor outstanding women, minority, or handicapped students pursuing careers in Engineering. For information contact the Financial Aid Office.

Joanna Cazden In Concert

On Saturday, February 4, folksinger Joanna Cazden returns to Caltech in a Caltech Folk Music Society concert. Her music ranges from humorous jabs at the silly side of life to moving and poignant serious songs. The concert is at 8:00 pm, and tickets are \$6 in advance, \$7 at the door, (\$3 less for Caltech students). Don't miss this one. Trust me!

Play With Money

The Caltech Student Investment Fund meets every Wednesday in Millikan Board Room at 5 pm. We have over \$140,000 we use to buy and sell stocks and bonds. Profits buy pizza and soda for every meeting, and pay for dinner at year's end.

CLASSIFIED ADS

FOR RENT—

MAZATLAN, BI-LEVEL CONDO on best beach. Sleeps six, pool, kitchenette, two bedrooms, maid services, purified water. Available 3/19-26/89. \$600, call (415) 255-9467 or (415) 331-1376 evenings.

FOR SALE—

MERCEDES BENZ — '82 240D stick-shift. White color, low mileage. Asking \$10,300. (818) 792-2266 (days).

• • • • • **T-SHIRTS** • • • • •
"The Truth Shall Rape You Over" T-shirts and sweatshirts, and "Caltech / Applied Biology" T-shirts are back. Sign-ups are in or near each of the seven student house lounges, and they come down next week.

HELP WANTED—

MICROAGE/PASADENA is looking for sales people. Knowledge of PCs and software required. Draw against commission. (818) 449-2884. Mon-Fri, 10-5. EOE.

TUTORS NEEDED! Individuals with high SAT scores are perfect for the job. High pay, flexible hours, materials given. Act now, call EXCEL-ED (818) 458-1068 for May.

POST-DOCTORAL opportunity for chemist, physicist, engineer, or physical biologist: a challenging opportunity to study the molecular basis of visual disorders using crystallography, NMR, MRI, and/or light scattering. Send C.V. and references to: Maria Couragen, Dept. of Biostructure, SM-20, Univ. of Washington, Seattle WA 98195.

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LOST AND FOUND—

CASSETTE TAPE CASE, black, 15 slots, found in the SAC copier & mail room. If you can name all the enclosed tapes, it must be yours! See Nancy Matthews, 64 SAC, 1:30-3 p.m., Mon./Tues./Thurs./Fri.

SUIT OF BANDED TYPE ARMOR, lost from student shop. Worth more than \$100 plus 1 yr. of hard work. Please contact Charles at 356-9314 if you have information.

RATES \$3.00 for first 25 words; . . . 10¢ for each additional word. Send written ad with payment to 40-58. Deadline is 6 p.m., Monday before issue. No charge for on-campus lost & found.

Noland Leadership Reminder

Nominations for current junior and senior undergraduates to be considered for the Noland Leadership Scholarship are due in the Deans' Office by Wednesday, February 8th.

Awards of \$2,000 may be made to current juniors and seniors who have demonstrated outstanding leadership. Please consider all students without regard to nationality, religion, gender, sexual orientation, color, financial status or scholastic achievement.

Valentine For Gorbachev

David Yaskulka, co-founder of the Center for Common Security, will speak about alternative, post-nuclear, defense strategies, Tuesday, Feb. 14 at 7:30 pm in Baxter Lecture Hall. He will discuss "non-provocative" policies such as purely defensive systems and civilian-based defenses, and whether an environmentally-oriented "natural security" will replace "national security" as a political goal. Mr. Yaskulka recently completed a year-long bicycle tour of college campuses across the country promoting student involvement in common security.

Carnegie Summer Bio Program

The Department of Biological Sciences of Carnegie Mellon University is offering a summer undergraduate research program in '89. The program is designed for college students who are interested in research careers in the biological and biomedical sciences and who aspire to attain a Ph.D. Students who have completed their junior year and who have strong academic records in the sciences will be given preference. Prior research experience is helpful but not mandatory.

Students selected into the program will receive a stipend of \$2400 and will spend 10 weeks working with a faculty member in one of the Carnegie Mellon laboratories.

An application and a complete description of the program, including a list of the sponsored projects and participating faculty, can be obtained by writing to: Dr. Eric Grotzinger, Department of Biological Sciences, Carnegie Mellon University, 4400 Fifth Ave., Pittsburgh, PA 15213.

Free Flying

Did you ever want to learn how to fly but weren't quite sure what was involved? The Caltech/JPL Flying Club has a limited amount of funding (courtesy of the GSC) for the purposes of giving free demo rides to graduate students who are considering taking flying lessons. During this short (45 minute) flight you will fly over Caltech and other nearby areas. You will also see first hand what is involved in piloting a small aircraft. For more information contact Jim Kaufman, 264-33, x3807.

Career Development Tidbits

The City of New York is sponsoring the Mayor's Corps of Engineers, offering 75 outstanding engineering students who have completed their junior year of college the opportunity to work on some of the most exciting engineering projects currently underway in New York City. Deadline for applications is February 15, 1989.

IBM Latin America is seeking candidates to fill the positions of Marketing Representative and/or Systems Engineer to work in selected Latin American countries. (Openings are for citizens of Argentina, Brazil, Chile, Colombia, Mexico, Peru and Venezuela).

Sandia National Laboratories sponsors the "One Year on Campus" Masters Degree Program. The program provides an opportunity for highly competitive minority bachelor-level individuals to continue their education for a masters degree. Candidates normally work at Sandia for several months to become familiar with the laboratories' environment before beginning the program.

Operation Crossroads is sponsoring a cross-cultural exchange project in Africa and the Caribbean.

Stop by the Career Development Center, 08 Parsons-Gates, for more information.

Research Semester

The U.S. Department of Energy has announced a research program open to juniors and seniors interested in biomedicine, chemistry, materials science, engineering, reactor physics, atomic physics, nuclear physics, high-energy physics, environmental science, geoscience, mathematics, computer science, energy systems, waste technology, nuclear medicine, and automated inspection/measurement systems. The program provides a stipend, housing and travel reimbursement for a variety of activities including hands-on research, seminars, academic courses and advanced instrumentation training. Applicants must be U.S. citizens or permanent residents and must have GPAs of 3.0 or better. For further information, stop by the Deans' Office. Applications are due by March 15, 1989.

Red Cross Disaster Training

Red Cross Disaster Services volunteers are trained and ready to respond to assist the victims of any man-made or natural disaster every day of the year. Emergency food, shelter, medical attention, and other assistance is provided to disaster victims in order that they regain self-sufficiency as quickly as possible.

Citizens interested in helping their friends and neighbors may volunteer for American Red Cross and sign up for free Disaster Services training courses and workshops on various facets of disaster work.

Call the Pasadena Chapter at (818) 799-0841 for information.

The Muppets Take Caltech

Do you have a talent for drawing? . . . painting? . . . making puppets? Well, have we got a competition for you! Jim Henson's (yeah, the Muppet Man!) *Character Design Competition* can actually win you BIG BUCKS! Your assignment is to create "a two-character team of any nature or creature type." Lotsa leeway, huh? The "jury" will be looking for originality of concept and quality of execution—but the actual style of the characters is up to you! The presentation can be in any medium: slides, 2D or 3D, puppets, videos, software—but no "live" performances! The deadline for all entries is 24 February 1989, so start concocting some goodies now. Only entries from full-time undergraduates and graduates will be accepted. The deadline for receiving the artwork at Jim Henson Productions is 1 March 1989.

Now for the important part: First Prize—\$1000; Second Prize—\$800; Third Prize—\$600; Fourth Prize—\$500; and Fifth Prize—\$400. To receive an entry blank, call Will Morrison at Jim Henson Productions, (212) 744-5207.

SAMS Corporate Candidates

The National Multiple Sclerosis Society encourages the involvement of undergrads in its Students Against Multiple Sclerosis (SAMS) Corporate Candidates Program.

Corporate Candidates is to provide incentive to top SAMS campus chairpeople by affording them an opportunity to have their resumes circulated to major corporations for consideration for full-time and internship positions. Some of the corporations participating in the program include: Philip Morris Companies; Quaker Oats; Pfizer Corporation; Wells, Rich and Greene; Citibank (Northeast Region); New York Telephone; and Burson-Marsteller.

Anyone interested in knowing more about SAMS or the Corporate Candidates Program please call 1-800-I-BUST-MS.

Summer Biomedical Program

The Jackson Laboratory of Bar Harbor, Maine, is offering a summer program of biomedical research. Each student conducts original, hands-on research as a contributing member of a sponsoring scientist's research team. Projects are tailored to the student's background and interests. Research areas focus on advancing the knowledge of the mechanisms related to normal growth and development and human disease. The program provides student with \$1,000 plus travel allowance, room, and board. The application receipt date is February 28, 1989. Selections will be made and applicants notified in late March.

For further information and application forms contact the Training and Education Office, The Jackson Laboratory, 600 Main St., Bar Harbor, Maine 04609.

Be In The Top Ten

Caltech juniors are invited to participate in *GLAMOUR* magazine's 1989 All New Top Ten College Women Competition. This, the 23rd annual competition, will select the winners on the basis of solid records of achievement in academic studies and/or extra-curricular activities on campus or in the community. The competition is broken down into the areas of: Creative Arts, Communications, Science and Technology, Health, Public Service, Government and Politics, International Relations, Business and Economics, Entrepreneurship, and Sports. One outstanding woman in each category will win the big prize of \$2,500 and an appearance in the October, 1989 issue of *GLAMOUR*.

Free AIDS Speakers Available

At no charge, members of the American Red Cross AIDS Speakers Bureau will come to speak to groups of six people or more and present the facts about Acquired Immune Deficiency Syndrome—AIDS.

The presentations stress the methods of transmission and prevention of the disease, and include a video as well as a question and answer period. For information, please call the Pasadena chapter of the American Red Cross at (818) 799-0841.

Chamber Music #3

Tonight is your last opportunity until May to hear chamber music played by your friends. Caltech Chamber Music Ensembles will perform at 8:00 in Ramo Auditorium. The concert will include music by Telemann, Quantz, Stamitz, Haydn, Arnold, J.S. Bach, and P.D.Q. Bach, and refreshments will follow the music. Admission is free.

Women's Trip To Scandinavia

San Jose State University is sponsoring a travel program to Scandinavia in June and July 1989, focusing on women's issues. There will be seminars on international networking, women's organizations, and the history of women in each country visited, as well as a chance to meet local feminists. The tour, led by Dr. Margaret (Meg) Bowman, noted feminist author and a member of the sociology department at SJSU, departs the U.S. on 27 June, and will include Norway, Sweden, Denmark, and Holland, returning 15 July. For further information, write: Travel Programs, Office of Continuing Education, San Jose State University, San Jose, CA 95192-0135.

Men's Discussion Group

There is still room in the Men's Discussion Group for any undergraduate or graduate student interested. The date was postponed. So, the first meeting will be Friday, February 3rd (today) from 12:00 to 1:30 pm in the Health Center Lounge. Anyone interested can call x8331 to sign up or get additional information. If you don't have time to sign up but are interested just come by on Friday. There's plenty of space available.

Rock And Roll All Nite

The Headbanger's Club will meet TONIGHT at 8:00 in Rm. 26, SAC (under Fleming House). Guns n' Roses "Live at the Ritz" will be screened, along with either Metallica's *Cliff Em All* or Iron Maiden's *12 Wasted Years*. Some munchies provided, metal magazines to read, B.Y.O. Beverage. EVERYONE WELCOME. Mailing list: Send note with name and mail code to: Headbanger's Club, 107-58 SAC.

SAC Ping-Pong, Air Hockey

Does anyone use the ping pong tables in the back area of SAC 50? (That's also the location of the air hockey machine formerly housed in the SAC gameroom.) There has been a suggestion to convert a portion of that space into a driving range (golf!). Please see Nancy Matthews if you have any comment about this. Also, for your convenience, ping pong balls are now available in the Game Room (at cost, 25¢) next to the vending machines.

1989 Recreation Tournament

This year Cal Poly Pomona is hosting the 1989 Recreation Tournament. Events include: Backgammon, Billiards (Women), Billiards (Men), Intercollegiate Bowling, Chess, Table Tennis, Table Soccer and Air Hockey. If you are interested in participating, see Nancy Matthews or Milly Pena in SAC 64 or SAC 38 for more details.

SURF's Up!

1989 SURF applications are available in the SURF Office, Room 3 Dabney. This year's applications have been revised, and students should pick up an application before they go to interview faculty. The first sheet of the application is a Vita Sheet. Students should complete the Vita Sheet and give it to any potential sponsors when they first meet.

The new SURF handbook is also available in the SURF office.

Worms No More

Contrary to announcements which have appeared in the *Tech* in past weeks, Paul Rubinov does not eat worms. He has not eaten worms in the past, does not eat worms now, and has no plans to eat worms in the future. Further, Paul has no connection with any self-proclaimed "worm eaters."

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