New Gymnasium Progresses
by Ali Mostazavi
A $4.7 million addition to campus is moving along toward its completion and inauguration about a year from now. The Carl F. Braun Athletic Center will not only greatly revamp the Institute's athletic facilities, it will also hopefully add a new dimension to the campus atmosphere as well as to student life for years to come.

Anyhow who has been down to the present gymnasium for class, competition, or simple gratification and relaxation can attest to the sorely dolled-up small, compact, unfriendly building. This latest expansion of Caltech's athletic facilities will build on the small 1984 addition to the gym (the one on the other side of the clock tower, i.e. where the old weight room was) which was both more attractive and usable. It also had the right structural shape. Yet it is much more than simply an attractive spacious addition to the gym, squash, and basketball courts in the minds of Athletics Director Dan Bridges and the current gymnasium for class, and other uses students may come up with. The women's locker room will be expanded, and there may be a new one for faculty. A new "recreational services" office will be in charge of providing coordination, help, and information to anyone that would like to use the facilities.

The process of application and selection was not easy. First they had to get which they can use to organize and planning for a half-hour TV daily. From out of the south come dance and drama classes as well as social events and whatever other uses students may come up with. The women's locker room will be expanded, and there may be a new one for faculty. A new "recreational services" office will be in charge of providing coordination, help, and information to anyone that would like to use the facilities.

Where's Jim?
by Groucho Marx in Altadena,

Kaufmans Handle Challenges of Marks and Braun Houses
by Celene Chang
David and Elizabeth Kaufman are the new Resident Associates of Marks and Braun Houses. David is a third-year graduate student in mechanical engineering at Caltech, while Elizabeth attends Pasadena City College and she is content planning going on to dental school.

Last year David and Elizabeth applied to become RA's. They were interested in the post because they thought it sounded like fun. They had many meetings with the administration so that they can get around mid-September and lasted for faculty. A new "recreational services" office will be in charge of providing coordination, help, and information to anyone that would like to use the facilities.

Not surprisingly, Dan Bridges and the designers have gone to great lengths to make the building as attractive and comfortable as possible within the limits of their budgets (courtesy of the Braun Foundation of South Pasadena), which will give it a feel similar to that of top athletic facilities in the nation, such as UCLA's Wooden Center. Highlights include a stunning entrance, a new basketball court, a 2-squash and 4- raquetball courts. A top of the line, custom-designed sound system will liven up the new weight room (for those who remember the old one, the new one will be 3 times bigger) as well as the multi-purpose room (bigger than Dabney Lounge) which is intended for martial arts and dance classes as well as social events and whatever other uses students may come up with. The women's locker room will be expanded, and there may be a new one for faculty. A new "recreational services" office will be in charge of providing coordination, help, and information to anyone that would like to use the facilities.

The Kaufmans think Caltech has facilitated their giving a positive environment and that is largely due to the presence of the Honor System. They also think the concept of "life on campus," which is not usually offered at other universities, is a strong point. David and Elizabeth are impressed by how organized and efficient everything is.

David and Elizabeth found Rota-Blacker interesting. During Rotation week, they visited the three North Houses. They especially liked the Lloyd Rotation movie. They think Rotation is a good idea, because the new RA's don't get their rooms and roommates. Both of them had bad roommates during their first year at college because they and their roommates shared no common interests.

David and Elizabeth are enjoying being RA's, and they hope to stay on the job until David graduates.
To the Editors:

As a grad student who has done his share of damage to grad/undergrad relations (with an ill-advised, poorly-phrased, and somewhat half-cocked letter to the Tech a few years back on the subject of master keys), I was saddened to read the tone and much of the content of Chris Tinney’s reply in last week’s Tech to Penny Sherman’s letter of the previous week about the writing placement exam and the Basic English Composition course, a.k.a. “Remedial English.” As I learned in my own “border skirmish,” insulting phrases like “a miffed student whining” and somewhat half-cocked letter assignments to various freshman Literature courses dependent on the given admission criteria for students who don’t think it’s merely the rose-colored hindsight of a loyal alumnus that makes me regard the ability to write well (i.e. convincingly intellectual caliber of undergrads there as comparable to that of Caltech undergrads; moreover, since Princeton is a liberal-arts university, one might expect incoming students to have had more practice writing in their high-school classes than Caltech freshmen would have had time for (after taking all the science courses their high schools had to offer, instead of whatever advanced liberal arts courses were available). However, approximately 25% of freshmen are required to take the equivalent of Basic English Composition there (Lit 151), and if you count the other Literature courses (which also focus on writing), but with more emphasis on getting feedback on finished work from the professor than on studying writing techniques in isolation and then applying them) than 95% of Princeton freshmen are required to take “Remedial English,” not 25% as here! I hope that this points out that composition courses should not be considered as “remedial” courses in the same sense that a grammar-and-spelling course would be: the ability to write well (i.e. convincingly)

Christopher Dunn, Box 833

The California Tech

Letters

Penny Sherman’s writing is fine. We need improvement. Writing improves through practice. With such little practice in composition at Caltech, all freshmen should have to take a class on English composition. Ten 500-word essays in a term is reasonable. For a good writer, that should be easy.

Respectfully,
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Dear Editors,

I have now been here for three years and am completing what is hopefully my last year at Caltech. The changes that have occurred in the last three years have been great and it is in my opinion very few of them have been for the better. Once again the students are upset with the administration and once again I am wondering if it makes any difference.

The real reason I am writing this letter is not to list the many problems of Caltech, but simply to point out a recent article in U.S. News and World Report. About a month ago I was in a bookstore and came across the annual college rankings done up by this magazine. Once again, I was proud to find Caltech ranked in the top five. This year we tied for fourth with Princeton.

What disturbed me was the rankings in the categories that determined our position. More to the point, Caltech was ranked 248th in student satisfaction. We were no doubt ahead of Caltech, but simply to point out a few cases that students will be voting are aware of the election deadlines.

Jessica Nichols
Junior, Fleming House

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**Syllabus: Welcome to the Lecture**

*by Jack Berger*

Welcome to The Lecture. The Lecture has been many months in detailed testing; we hope you'll enjoy it.

The Lecture should not be attended by those with high blood pressure, asthma, or heart trouble. Please direct your attention towards The Lecture Door, and in the event of the bulbous red nose. No one shorter than this clown is allowed to attend The Lecture. By attending The Lecture, you (The Student) assume responsibility for all mental and physical distress suffered. The Lecturer is not liable for any damage incurred by The Student.

The Assistant (T.A.) is now gathering your tickets. If you wish to attend another Lecture, please ask T.A. for a yellow ticket; this will take to the Lecturer. Upon receiving his signature, give the ticket to The Box Office, which will issue you a ticket for another Lecture. Please decide now if you want to attend The Lecture. After a certain point, no one is allowed out of The Lecture.

No Student without a ticket may attend another Lecture. Tickets may be bought at The Box Office at a cost of $5000/term. The Lecturer is not responsible for the safety of any Student who does not buy a ticket. The Lecture is about to begin.

Stay in your seats, and please do not get up during The Lecture. Fasten your seat belt firmly; make sure the escape bar is lowered before The Lecture begins. T.A. will make sure that The Students are secured.

Do not let your arms or legs hang out of your chair during The Lecture. The Lecture's speed is over five hundred words a minute. You are strongly advised not to leave The Lecture while it is in progress.

The Lecture will last approximately one hour.

Have a pleasant Lecture. The Lecturer

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(818) 796-9704

Lily Tremlin

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**House Party 2**

**The Pajama Jam**

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Sat-Sun Matinees: 1:00, 3:15 p.m.

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**Nippers**

..."It's a Salon"

---

**Sonny Hughes”**

---

**FRIDAY NIGHT ASCII MOVIE**

---

**Fleming House Party 2**

The Search for Signs of Intelligent Life in the Universe

**CALTECH**

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**LA***
Dear Editors,

I am writing in reply to Marty Gould's letter regarding the mandatory helmet law going into effect on January 1st. It seems very clear that the author has not explored this policy or its impact. He chooses to mostly present a "knee-jerk" reflexive response to motorcycling.

Never before has any issue stirred such anger and controversy within this community like the helmet law. The arguments for and against this law are so numerous that they cannot even be touched upon here, such as Dick Floyd's falsifying the evidence used to introduce the bill to the state congress. The arguments for not having a helmet law, at least in its current form, will be presented here.

A full face helmet (the only kind the market produces in quantity, and the only kind approved by most states) severely impairs my peripheral vision and hearing. As a result, it is very difficult to know where cars or pedestrians are, and generally, I experience a certain amount of loss of control of one's bike. Try driving a car for an extended period of time while wearing one of those helmets, and see how much you like it. This handicapping of one's riding ability greatly outweighs any perceived benefits of wearing a helmet.

These benefits are, indeed, only perceived. Certainly, a helmet may be of some use in a collision, but it almost certainly helped cause the collision to begin with. It will certainly be of little or no use to the rider if he or she is not wearing heavy boots, gloves, pants, and a strong jacket.

Finally, consider the cost of the helmet law to each rider. A good helmet costs between $100 and $250. For those who chose not to wear a helmet, consider their penalties in comparison against drivers who don't wear seat belts. You can and will be stopped for not wearing a helmet. The first offense includes a fine of over $100, which increases greatly for multiple offenses. It is a moving violation. If your license is suspended, it is certainly a moving violation. You also get a correspondingly outrageous number of points on your license, so that within a few offenses you won't be driving anymore, anyway.

There are just a few things to ponder. Numerous organizations can give more details and fighting plans to help fight the helmet law.

Jason Surace

ACADEMY BARBER SHOP
27 N. Catalina Ave., Pasadena
Open Tues.-Sat., 7:30 a.m. - 4:30 p.m.  626-799-1281

Speedy Research

The California Tech Motorcycle Helmet Law

4 October 25, 1991

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Jason Surace
Inside World Policy:
All Inside Worlds must include the author’s name. Inside Worlds can only be written by current undergraduates. The editors reserve the right to edit any or all parts of an Inside World. No libelous material will be accepted. It is the author’s responsibility to check material written about a person to see if they consider it libelous. Please submit a 3.5 inch Macintosh Disk by 8:00 pm Wednesday.

This Week’s Inside World was written by:
Blacker: Walker Aumann & Noam Bernstein
Dabney: Rob Hanna
Fleming: Jeff Pasquino
Lloyd: Jennifer Yu & Craig Smith
Page: Chinley Chang

Blacker 0 0 2
Dabney 0 0 5
Fleming 3 1 3
Lloyd 1 3 1
Page 0 0 4
Ricketts 4 2 0
Ruddock 2 4 0

The Top Ten Reasons Why Physics Is Better Than Sex

1. Physics is always hard.
2. Your pencil can be as long or as short as you like and nobody will care.
3. You can do physics all night long.
4. Quantum Mechanics never gets jealous when you switch to your math homework.
5. You don’t have to put that funny rubber thing on your pencil.
6. You can scream out any physicist’s name while doing a problem and it won’t get you into trouble.
7. Maxwell’s Equations don’t care if you take them to dinner first.
8. Physics won’t ask for a deep emotional commitment.
   (This one could be false.)
9. You can do physics with anyone.
10. You don’t have to ask your Hamiltonian who it has been with during the last five to seven years.

Now I want all of you to think long and hard about this and see how it can help your life. And when you think about it, is sex all that great? I mean with today’s society and all this disease and stuff running around it’s just downright dangerous out there.

Besides, it’s really a very emotionally messy process and it only lasts for a couple of hours. Just think of all the work you could get done in that time. Are you convinced?

I’m sure that I can at least convince myself of this undeniable truth. I’m working on it. See ya’ll next week.

-DABNEY

Tommy’s Triple Threat Triathlon Relay

Teams: Each participating team may have up to three members. You can attempt to do this as a one person team, but we advise against it. An alley may field more than one team, but no individual person may be on more than one team. Teams should consist of members from only the alley they represent. Any alley social memberships should be checked with Da Veeps before Sunday at noon.

Set Up: The first person on the team will begin at Oxy and will have enough money to buy a triple threat. The second person will begin at Tommy’s in Eagle Rock with a bicycle. The third person will begin beside the pool.

Procedure: The first person on the team runs to Tommy’s and orders a triple threat. A triple threat is one double cheeseburger, extra chili; one chili dog, extra chili; and one chili tamale, extra chili, hold the tamale. The runner must then eat one part of the triple threat, part meaning one of the three distinct portions of the triple threat. Once finished, the remainder is handed off to the biker who must, in some order, eat another part of the triple threat and ride back to campus ferrying the remainder of the triple threat. The biker may eat before, during, or after riding. Dropping food while riding will penalize the team unable to hold onto its food. Once both of these have been completed, the last part of the triple threat is given to the swimmer, who must, in some order, eat the rest of the triple threat and swim once across and back the length of the pool. The swimmer may eat before swimming (remember to wait 30 minutes after you eat before swimming... or not), or carry the food while swimming and eat after finishing the lap.

Alleys will be ranked on the amount of time they take to accomplish this. The Veeps are not responsible for psychological damage resulting from people swimming immediately after eating, just like their mothers told them not to do. Such persons should talk to a UCC... waitaminute.

All rules disputes will be settled in a manner that the Veeps find vaguely amusing.
Well, welcome back to the Page House Sporting Line! Get ready as awesome volleyball action returns to Caltech! Yes, it's true, the Page House Volleyball Tournament is back! The overwhelming favorites are of course Todd “King o’ the Court” McLaughlin & Greg “Todd’s Assistant” Dudyey, but clearly the team with the most style and all-around streetliveness is that of Chinley “Hawaii-five-o” Chang & Jimmy “Jimbo” Hu. Many fine teams from last year’s tournament are returning, including Hootan “My chest is too big to play volleyball!” Hidaji & Nhat “the Nhatster” Nguyen, Brian “Butt” McAllister & Ryan “the Flyin’ Hawaiian” Naone, and of course, last year’s finalists, Emmeline “Madame President” Naranjo & Rob “Just-because-I’m-a-kind-peace-loving-guy-doesn’t-mean-I-can’t-spike-in-your-face-and-leave-your-bleeding-corpse-in-the-dirt” Liu. Also returning are Rob “Those professional guys are okay but now that I’m a left-handed hitter...” Whiteley & Taletha “T” Derrington, who will no doubt distract their opponents with their between-point antics. (Get a room, guys) While we’re on the subject of oldies but goodies, let us not forget the team of Fred “Level 13th Actuary” Upton & Brooks “Fester” Bishopberger. (“I’ve been here a loong time...”)

With a combined twelve years at Caltech, their experience will definitely prove to be a factor. (And we’ll look forward to seeing them again in next year’s tournament.) And what would a volleyball tournament be without its sponsored teams? Representing the Caltech Chinese Students Association is the team of Rich “Dick” Chiu & Kevin “Xiaohui play a game?” Wang, and representing the Page House Waiters is “the Twin Towers,” Fred “Slowpecker” Sloneker & Carl “Tex” Travolta School of Dancing. Everything at the Bar went well, and with the Rudds carding, no one under age was served. (We always follow DAPAC around here.) In the end, Derek Surka called out, “Last Call for ALCOHOL!” and after One Bourbon, One Scotch, and One Beer (three times), life was good. God damn it, I was hungover. (But don’t get me wrong, I would never violate DAPAC.)

This Saturday, we sent some people to the beach, and here is Jason to tell you about it and all the other events this weekend. Well, I’ll tell you, the trip to Huntington was quite exciting. First, there was the ride in the ASCIT death mobile, with chip driving like a wildman and Chris Hare leading him. (It was kind of a blind leading the blind thing.) Finally, we saw a giant bank of fog approaching and we knew that we would be in for a hell of a time at the beach, if we could see it that is. Things turned out okay though. We didn’t have any grill racks for the food, but that was okay, because Monica and Pedro got us some small and very sandy grill racks. I woke up the next morning and shit a sand castle; the sand sure cleans out the bowels, but it hurts like a bitch when it passes. On the way home, we got lost. But it was great, better than Magic Mountain.

After arriving back at tech Tobe and I took in all the great events that were happening around campus. First, we hit Winnnet lounge and the CCSA dinner and dance. We hit the buffet. It was all you could eat Chinese food; Everybody was hungry an hour later. Afterward, there was the dance, and the people who were there looked like they were enjoing themselves, but we had to move on. Next, we visited the Del where the first meeting of the all new Canadian Club. They were having a good time watching the L.A. Kings kick some ass, and drinking some “strange brew” of their own. We had other parties to hit so we proceeded on to the party at 230 Chester. Silly lloydies, you forgot the pineapple juice in the zombies. In the end, Tobe and I went back to campus for yet another night of sobriety and abiding by DAPAC (not). All right now, thanks Jason. You know what, you can really learn a lot about people’s true desires when they are drunk. For example, we learned that Derek really wants to succeed Bing Crosby in singing “White Christmas”. He’s going into the studio next week. Paquito really wants to open up a car wash; man he can hose those things down. Tim Nelson wants to perform “The Bulls” on Saturday Night Live with Todd Gotula and Jason, but believe it or not, Jason really wants to be an engineer, not the Caltech type of engineer, but a train engineer. Okay, let me tell you a story;

So, Jason was enjoying himself one night, and he came in kind of drunk (quite drunk, actually). Well, he would not go to sleep, no matter how hard we tried to leave him in is room. We thought he was done for after the technicolor belch on his bed, but we were wrong. He crawled by the room, making a noise like “Chugga chugga chugga chugga,” and he looked at us and went “Toot Toot!”, and on he went. All right, so I thought it was funny.

Now for some Page House news. We’ve got this two-man volleyball thing going on in Page. There are two divisions, one for...
those who are really serious, and one for those out to have a good time. Paquito and Tim will kick ass in the volleyball division, but the other division is up for grabs.

Okay, so here are the results from Frosh elections:
as Bell Frosh, Sequoyah Aldridge, as Change Frosh, Geoff Smith, as Birthday Frosh, Tim Nelson, as Work Frosh, Jason Trevor and Finally, as BEvERage Frosh, David Simpson.

Speaking of Work Frosh, he broke that indestructable lucite phallus while in a drunken rage in phlegming house, where the men are men, the women are men, and the thundering herd runs real fast. His rod is quite red, now, and a couple of inches shorter. Greezed Frosh Races are this Sunday, so we’ll see you lloydies then. (You can shower with us, Aimee.)

Okay, so we’ve got some interesting house events coming up. In two weeks, we are making a house trip to the Chicken Ranch over in Bryce’s home state of Texas (that’s a whore house for all you clueless fucks!). The house will cover all the costs, but we’re paying the DRL will cover the transportation and “personal protection.” House Event! EVERYBODY COMES!

Well, that about wraps it up for us. Enjoy the weekend, there is a raging Halloween party, once again, Page will be checking IDs (so none of you minors will be served), and Ruddock and phlegming bartenders will be serving excellent drinks, unlike those served at the 230 Chester this weekend. (but don’t get me wrong, I don’t drink, I love DAPAC). Well, we’ll see you later, and remember, DAPAC no, Six-pack yes.

—BASTARD and the Work Frosh

LLOYD GOOD EVENING, AND WELCOME TO LLOYD HOUSE

Lloyd House is located in between Page House and Ruddock House. There are many members of Lloyd House. The House is run by a democracy - NOT a dictatorship. There is an elected body of officers, the Lloyd House Executive Committee.

Aimee Smith is the President of Lloyd House. The duty of the President is to be receptive to and represent the House’s views. The President leads dinner announcements, attends IHC meetings, and runs rotation meetings. Being a President is difficult. We have a Vice-President too. He is Rob Rickenbrode. He has brown hair and rides a skate board from time to time. He fixes things, cleans the tool room The use of water balloons as projectiles aimed at freshmen is considered hazing? and runs UCC meetings. Being a Vice-President is difficult. The Secretary is Jen Remine. The Secretary takes the Ex -Comm minutes, runs roompicks, and uses a great deal of paper. Being a Secretary is difficult. Joe Lauer is our Treasurer. The Sexism is a problem at Caltech. Treasurer holds the cash box and pays Lloyd House bills. Being a Treasurer is difficult. You can come to Lloyd House and ask the rest of the Ex-Comm what they do. Being a member of Ex-Comm is difficult.

The Seniors of Lloyd House have been here for three years. It is the solemn duty of the Seniors to perpetuate the traditions of Lloyd House. Most of them want to leave Caltech, none of them want to stay. Some of them live on campus - some of them live off campus. The Juniors of Lloyd House have been here for two It is a BOC-able offense to refer to someone in an inside world without receiving their expressed consent? years. It is characteristic of this class to inform all classes under them how hard it is to be a Junior. One could have left Caltech, but they all stayed. Some of them live on campus - some of them live off campus. The Sophomores of Lloyd House have been here for one year. The Sophomores are just becoming enlightened with the concept of being on grades. Some are realizing that they want to leave Caltech, but they are all still here. A few of them are on campus - most of them are off campus. The Freshmen of Lloyd House have been here for less than a Where’s Aaron? Have you seen Aaron? month. The principle duties of the he’s getting mail here - is he in Lloyd? Freshmen are to answer the phone and be utterly clueless. They are on Pass/ Fail. They haven’t been at Caltech long enough to want to leave. All of them live on campus. Some people have been Sting is such a great performer in Lloyd House for at least four years - and are still here...
All right. It’s only the first damn term and already FLEMING is getting shit about how lame their Inside Worlds are. Well, what do you expect when a frosh writes them last year and someone named “Mom” writes them this year!! I figured someone with some balls should write them from now on and just tell it how it is, so here goes.

These frosh are fucking lame-ass little shits! I can’t believe how lame they are. They’ve been here for no more than a month, and they act like they own the fucking place. Frosh not wearing shoes in the lounge!?!

I guess there’s just too many of them — all 33 of them — so they seem like they’re everywhere (except answering the damn phone). You would figure that at least one of the 33 would have a clue by now. And the next one I see better have change on him.

However, I don’t hate the frosh (as hard to believe that may seem). So I would like to give them just a little advice:

TOP 10 THINGS frosh MUST DO TO BECOME FLEMS

10. Piss on Page Wall
9. Ring the Bellfrosh
8. Burn their hands with a soldering iron
7. Get their FLEMING shirts ripped/ torn/ shredded in a frosh wash or a Ruddock Basketball Game
6. Elect a head waiter from their class
5. Fail a class numbered 1 or 2
4. Get a clue
3. Play the Ride at 7 A.M. during Midterms Week.
2. Violate D.A.P.A.C.
1. Get BOC’ed (it’s the cool thing to do, frosh)

Oh, yeah. RA’s night for ALLEY 55555555555!!!!!!! What the hell was Roger talking·about, and why? He reminds me of the kind of guy you’d see in a bar with no life except for telling trivial shit (and delivering mail or chemistry or some geeky shit like that). Which brings me to my second top ten list:

TOP 10 THINGS THAT ARE WARM AND CAN KILL YOU

10. Steam Tunnels
9. L.A. air
8. Snipes
7. Smoking clove cigarettes
6. Dabney Hot Tub
5. The stench in Ruddock
4. Board food
3. A hooker on Sunset Blvd.
2. Jason Trevor’s breath after a Canadian Club meeting
1. An 18th-Century blanket infested with Small Pox (ask Clift)

One last comment on Cliff — his buddy Norm. What’s the deal with calling the barman/ beermeister “Skippy”?? Well, I’m getting pretty fucking sick of sitting in this compuslimy place. I’m surprised there isn’t a frosh in here playing a game — I guess they are all snaking away, working on homework due next Wednesday or something. I hope the Rudds who run the oh-so-important rating point race (right up there with Interhouse in importance) like this Inside World enough so they don’t have to go find an old Inside World to print under our space. [It’s a little better. Keep working on it. - Ed.]

That’s it. I’m outta here. DABRAVES!!!!!

- da wop
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Please plan to attend our upcoming information session.

JPMorgan

Career Opportunities at Morgan

October 25, 1991

Chakrabarty, who were the stage and musical directors, respectively. They are both graduate students, which makes this production one of the few almost all student shows at Caltech. It is quite apparent that they, and everyone else, have put a lot of hard work into this.

So come on out this weekend, on Friday or Saturday night at 8, spend the five dollars and see this wonderfully entertaining show. There is one scene alone worth the price of admission, which makes the whole show a bargain.

By Rob Kepp

The Pasadena Civic Orchestra will be having a concert at the Pasadena Civic Auditorium on Saturday, Oct. 26 at 8:30 PM. The performance is in honor of Caltech's Centennial Celebration. Pieces to be played include The Planets by Holst.

Graduates who have analytic talent sparked by imagination should consider market analyst and research opportunities at J.P. Morgan. J.P. Morgan provides sophisticated financial services to the world's leading corporations and governments. This business requires that we manage more than routine risks. Our position as a global financial power demands it.

The California Tech Book Fair returns to the Glendale Civic Auditorium, 1401 North Verdugo Road, Saturday and Sunday, Oct. 26 and 27. Nearly 200 booksellers from all over the United States, Canada, and Europe will be exhibiting and selling hundreds of thousands of books, prints, maps, autographs, photographs, ephemera, and much more to thousands of first-time visitors as well as book fair regulars.

Admission is $5.00. For information call (805) 641-2665.

Vienna Choir Boys

The Vienna Choir Boys will be giving a matinee performance on Saturday, Oct. 26 at 3 PM at the California Book Fair Auditorium, 1401 North Verdugo Road, Saturday and Sunday, Oct. 26 and 27. Nearly 200 booksellers from all over the United States, Canada, and Europe will be exhibiting and selling hundreds of thousands of books, prints, maps, autographs, photographs, ephemera, and much more to thousands of first-time visitors as well as book fair regulars.

Admission is $5.00. For information call (805) 641-2665.

Vienna Choir Boys

The Vienna Choir Boys will be giving a matinee performance on Saturday, Oct. 26 at 3 PM at Caltech. Tickets are $25, $22.50, and $20. Student/Senior Rush and children's tickets are available for $7.50 beginning 1 half-hour before performance. For more information, call (818) 356-4652.

Emmer Gantry, a New Musical, plays at the La Jolla Playhouse through November 24 in the Mandell Weiss Theatre. Set in the depths of the Great Depression, Emmer Gantry is a story about a failed minister-turned-travelling-salesman and his encounter with Sister Sharon Falconer, an evangelist trying her wings on the revival circuit. Based on the Sinclair Lewis explosive 1927 novel of the same name, the play is a gospel/rythm-and-blues/folk/early jazz/country music laden musical.

Tickets for all performances are on sale at the Playhouse Box Office (Mandell Weiss Theatre). Tickets are $24 to $32. Performances are Tuesday through Sunday evening at 8 PM; Saturday and Sunday matinees at 2 PM. Tickets at discount are offered to students, seniors, UCSD faculty/staff, the military, groups of 15 or more. A limited number of student rush tickets is available one hour prior to curtain.

Call (619) 534-3960.

Pasadena Symphony Orchestra

The Pasadena Civic Orchestra will be having a concert at the Pasadena Civic Auditorium on Saturday, Oct. 26 at 8:30 PM. The performances are in honor of Caltech's Centennial Celebration. Pieces to be played include The Planets by Holst.

Broadway Musical Review

Shane Sandy

Last weekend I went into Ramo Auditorium to be entertained. I was with a whole group of people, and we sat in the front row of the Broadway Musical Review. When we left, there wasn't a single displeased person in our group.

This show is funny, entertaining, and very well directed. It flows very well, from one scene to the next, changing the moods with simple lighting effects. The singers and dancers are all very high energy performers and draw the audience into the songs quickly.

Special mention should be made of Rob Kepp and Deepro

The California Tech
The California Tech

Crime and Incident Report

Crime tip: Car owners, watch your cars!!!

10/16 The victim’s car was parked in the appropriate reserved space in the Caltech Services parking lot. During that time, someone forced the passenger side window open, broke the lock, entered the vehicle and stole the stereo. Extensive damage was done to the dashboard. Value: $958.88

10/16 The victim’s car was parked in the Tournament parking lot when someone forced entry into the vehicle and removed the stereo. Value: $300

10/16 This victim’s car was parked in the Chester parking lot. Upon returning, the victim discovered that the trunk lid was forced open and contents were removed. Value: $50

10/16 This victim’s car was parked in the north Lara parking lot when the victim discovered that two hubcaps were stolen from the car. A witness observed a suspect who was observing the victim’s car. The witness noted the license plate number of the suspect’s car. Value: $70

10/16 A witness observed a suspect loitering in the vicinity of the vehicles parked in the Business Services parking lot. The suspect seemed to be playing with the door handle of a vehicle. When the suspect noticed the he was being watched, he left quietly rather than waiting for the police to arrive.

10/17 When the victim entered her office, she saw a suspect going through her drawers. The suspect had the victim’s radio in one hand. The victim screamed upon observing the suspect and the suspect ran out of the office. Someone chased the suspect and finally found the suspect hiding in some bushes. Security arrived and took the suspect into custody. When questioned, the suspect stated that some friends said that he could steal things at Caltech. The suspect then took a bus to Caltech and entered a building to find something to steal. The suspect saw the radio and decided to steal it. Security then called the Pasadena police who came here and took the suspect into custody and transported to jail.

There were no really loud booms this week.

Total value lost: $1,369.98

Career Opportunities at Morgan

for Cal Tech students interested in

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Sales
Systems
Trading

Please plan to attend our information presentation on Thursday, October 31 at 4:00 pm
Student Activities Center – Room 25 & 26

Career Interests

If you have not yet done so, please check your Career Services Office or send a cover letter and resume.

InterLeaf
Prospect Phase
3500 College Avenue, Wallatun, MA 02119

InterLeaf is interested in interviewing students with backgrounds in Computer Science, Applied Mathematica, Information Systems, Electrical Engineering, and other disciplines, for entry-level technical consulting positions. Students must have a particular interest in and aptitude for working with clients in determining business and system needs and in project management solutions.

For more information, please contact your Career Services Office, or send a cover letter and resume.

InterLeaf is an equal opportunity employer.

JPMorgan

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JPMorgan
The Caltech Women's Glee Club Fundraiser
The Caltech Women's Glee Club invites you to see the Rose Parade on New Year's Day, 1992. Tickets to the original parade cost $450, but the Caltech Women's Glee Club is able to purchase them at a discounted rate of $300. Tickets include a reserved seat in the grandstand, breakfast before the parade, and transportation to and from Pasadena. The event is limited to 200 people, and tickets are expected to sell out quickly. For more information or to purchase tickets, please contact the Caltech Women's Glee Club at 626-398-1111.

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Our efforts have paid off with numerous successes. If you want to share in our success, explore the following opportunities to join us.

We currently have positions in Engineering for students graduating with a degree in Electrical Engineering, Mechanical Engineering, or Chemical Engineering.

Presentations in both English and Japanese are available.

Monday, November 4, 1991
Room 26, Student Activities Building
On-Campus Interview Date:
Tuesday, November 5, 1991
9:00 A.M. - 4:30 P.M.
Career Development Center
Interview Date for Japanese-speaking Students:
November 5
11:50 a.m. - 1:30 p.m.
Room 26, Student Activities Building

Contact your Career Placement Office for details on how you can sign up for our presentation and on-campus interviews. Or send your resume to: Professional Staffing, Applied Materials, 3050 Bowers Ave., MS 1826/JW, Santa Clara, CA 95054. We are an equal opportunity employer. Principals only, please.

Chemical Engineers
The Caltech ASEE chapter is having an organizational meeting today (2:30) at noon in room in 100 Sparky Lab. All interested students are welcome. Free pizza.

Gay, Lesbian Discussion Group
meets the 1st and 3rd Tuesdays of each month from 7:30 - 9:30 p.m. in the Health Center. This confidential meeting is open to all members of the Caltech community. The first hour is devoted to discussion of a specific topic, and the remaining hour is open for general conversation and socializing. Refreshments are served. For information please call 356-8331.

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The Nisei Student Union is sponsoring an additional cultural program in February. This year's event will feature traditional Japanese dance and music. The performance will take place on February 15th at 7:30 p.m. in Seaver Auditorium. Tickets are available at the票房 office in the Student Center for $5.00. All proceeds will benefit the Nisei Student Union Scholarship Fund.

The Caltech chapter of SEDS (Students for the Exploration and Development of Space) will be holding a meeting on Tuesday, October 27th at 7:30 p.m. in room 25 of the SAC. We will be discussing plans for the upcoming trip to Tijuana, Mexico. Those interested in participating should contact Jeff Gold at jgold@caltech.edu for more information.

The Caltech American Sign Language Class will also be meeting on Tuesday, October 27th at 7:30 p.m. in room 25 of the SAC. This class is open to all students, regardless of their background in sign language. For more information, contact Professor Erik Antonsson at antonsson@caltech.edu.

The Caltech chapter of SEDS (Students for the Exploration and Development of Space) is sponsoring a $2,000 scholarship for students interested in the field of aerospace engineering. The scholarship is available to students who are enrolled full-time at Caltech and have a GPA of 3.5 or higher. Applications are due by February 15, 1992. For more information, contact Professor Bob Rosenthal at rosenthal@caltech.edu.

The Caltech Student Shop will be open for the academic year on Saturdays from 11 a.m. to 3 p.m. in the Student Center. The shop sells a variety of items, including t-shirts, tote bags, and other Caltech paraphernalia. For more information, contact the shop manager at shop@caltech.edu.

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As the train of life goes hurtling down the tracks toward the Midterm Tunnel, the Caltech Y is busy keeping cows off the tracks. No, no, not cows, but people. Yes, people. This year's fall event will be the Caltech Y's Open House, which will take place on October 25th at 5:00 p.m. in room 25 of the SAC. The Open House is the perfect place for students to meet their classmates, enjoy refreshments, and have fun. For more information, contact the Y at (818) 519-2022.

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The California Tech

**SPORTS**

**WE’RE SMARTER THAN YOU**

*by Ned Bowden*

"Caltech Cross Country, We’re Smarter Than You." With their modest motto printed on nearly everyone’s shirts, the men’s and women’s cross-country teams stormed to La Mirada Park to battle the other seven minor teams in SCIAC. With the gently rolling hills and glassy fields to run on, both teams looked forward to walking away with at least one victory.

The women’s team (who looked so impressive to one bystander that they had stepped onto the five kilometer course first to race. Despite missing several key runners, they hoped to defeat Redlands and La Verne. Taking control of the race and looking incredibly impressive they say “possible All-Conference runner in one week.”) was Tobe Liu. The women lost to Redlands by a close score of 27-29 and La Verne by the score of 24-32.

The men’s team received inspiration by seeing Ben back from Colorado, where he’s heavily training for Barcelona in ’92, to cheer on his former teammates from La Verne. Seeing Ben gave Dan Flees the shakers, yet he still placed 18th with a time of 27:52 over the five mile course. Trying to catch Dan was Ned Bowden who set a personal record of 28:40 to come in 28th. Fleecing from the law in Pennsylvania and making his debut was Andy Zagar. He started at Ned’s jersey (get used to it, the whole way and crossed the finish line in 28:55. Zag is back and in force. Rounding out the top five were Andy Levin and Mike "No Train, No Pain" Mahone in close times of 30:44 and 30:48. Certain members of the team tried to join in a different race going on at the same time, and look a few wrong turns.

The men defeated Cal Lutheran and the opposition and attacked with a strong scoring machine. The defense took over the pace of the game when we turned on the speed for fast break points. When it was all over the score was 17-7 and our team walked away with a victory. High scorers were Jim "the scoring machine" Radford with five and Chris "the slo-mo frosh" Buchner with 4. The alums got a spirited performance from Suzy Dodd, who scored 4 goals though she claimed to be out of shape.

The following Wednesday, the Beavers faced the old opponent, Tamaki with one each, and Grant with two—one on a terrifying backhand shot. We would like to thank the old guys who came out and cheered for us. We don’t know what Derek promised you, but thanks a lot guys! Do come to every game.

The next stop was at Oxy and their crumby, slimy infested, sinkhole pool. We don’t exactly know what lives in that pool, but it sure helped them. The pool is shallow enough to stand up in, if your feet can grip the slippery bottom. The ball was certainly affected, for the Beaver offense had trouble passing, shooting, holding the ball, etc. Caltech had a shooting problem; that is, we hit the bar a few times and hit the wall behind the goal a few more.

Fleeing from the law in Pennsylvania and making his debut was Andy Zagar. He started at Ned’s jersey (get used to it, the whole way and crossed the finish line in 28:55. Zag is back and in force. Rounding out the top five were Andy Levin and Mike "No Train, No Pain" Mahone in close times of 30:44 and 30:48. Certain members of the team tried to join in a different race going on at the same time, and look a few wrong turns.

The next stop is at Prado Park on November second. It is the important SCIAC championship meet. The Vikings are struggling at 3-5. The North Stars have begun the season well as 2-4. The Twins were walking over Atlanta and making the Braves feel cheap. De Twins!

The Department of Obstetrics and Gynecology of the U.S.C. School of Medicine is looking for qualified SPERM DONORS for an artificial insemination program. Donors will be compensated.

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**THE WEEKLY SPORTS CALENDAR**

<table>
<thead>
<tr>
<th>DAY</th>
<th>TIME</th>
<th>SPOT</th>
<th>WHO</th>
<th>WHERE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRI 10/25</td>
<td>6:00PM</td>
<td>Volleyball (W)</td>
<td>Invitational</td>
<td>Cal Maritime</td>
</tr>
<tr>
<td>SAT 10/26</td>
<td>9:00PM</td>
<td>Volleyball (W)</td>
<td>Invitational</td>
<td>Cal Maritime</td>
</tr>
<tr>
<td>SAT 10/26</td>
<td>10:00AM</td>
<td>Soccer</td>
<td>-</td>
<td>Caltech</td>
</tr>
<tr>
<td>SUN 10/27</td>
<td>1:00PM</td>
<td>Football</td>
<td>Univ. of San Diego</td>
<td>Caltech</td>
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<tr>
<td>TUE 10/29</td>
<td>7:00PM</td>
<td>Volleyball (W)</td>
<td>Mount St. Mary’s Coll.</td>
<td>Caltech</td>
</tr>
<tr>
<td>WED 10/30</td>
<td>4:00PM</td>
<td>Water Polo</td>
<td>Whittier</td>
<td>Caltech</td>
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<tr>
<td>WED 10/30</td>
<td>7:00PM</td>
<td>Soccer</td>
<td>Caltech</td>
<td>Caltech</td>
</tr>
<tr>
<td>WED 10/30</td>
<td>9:45PM</td>
<td>Hockey</td>
<td>UCLA</td>
<td>Caltech</td>
</tr>
<tr>
<td>THU 10/31</td>
<td>7:30PM</td>
<td>Volleyball (W)</td>
<td>Caltech</td>
<td>Caltech</td>
</tr>
</tbody>
</table>

**Caltech Cross Country, We’re Smarter Than You.**

Nick Fordsnorriker

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