Board Prices to Increase 25%

By David Stevens

Once again it is that time of year when the summer vacation is just around the corner, and board contract negotiations begin to come in a pair in the neck for me personally. Through great brainstorming and a deal of num-

ber crunching, next year's board rates have been decided. The pur-

pose of this article is to explain these new rates in a way that has been untried before: so you under-

stand a bit where they are coming from. If you have any questions, you are still welcome to discuss them with your food reps.

As may be assumed with any business, prices are not going to drop next year. Yes, they in fact are going to go up. This is true for $1.10 for board, for which I will at-

tempt to outline. PLEASE UNDERSTAND that these prices may use here are due to my per-

sonal computations after reviewing Bureau of Census statistics of the events leading to a price in-

crease of $1.10. As the prices are not mandated to the service that are above and beyond those called for in the con-

tract, BC has recently provided many upgrades to the board serv-

ice: a wider selection of cold prepackaged items are now included in your meal. These were offered by the Food Service Com-

mittee before the rate increase was decided. This upgrade was im-

plemented by BC, with the under-

standing that these prices were popular enough to merit keeping them around would be necessary to reflect the increased cost in next year's rates. When board rate dis-

cussions first began, the FSC decided that the additions were in fact nice to have around even given that some students probably did not need them and thus did not

must pay for them. Now these new items are being added to the con-

tract and will now be considered to have continued existence ad infinitum.

Another obvious area that leads to the reason for this rate in-

crease is food theft by students. This has become a serious problem. The enrollment of the students at Caltech has doubled from 191 who have been accepted to 384 who have been accepted for 137 are male and 54 are fe-

male, which would correspond to about 10 more men and 10 fewer women than last year, if the in-

coming class contains 215 students. 

The enrollment of "underrepresent-

ed minorities," composed mainly of Afro-Americans, Hispanics, Po-

ter-Rican, and Native Americans has doubled roughly, from 10 last year to 22 this year. This is a sig-

nificant step towards obtaining the critical mass of minority students suggested at the second Conference on Diversity at Caltech.

Of the students who have ac-

cepted offers of admission, 30% are from California, 13% from the West, 15% from the Midwest, 21% from the South, and 15% from the Northeast. There will also be 8-12 international and foreign students next year, depending on how many of those accepted from the waiting list decide to attend. There will also be 21 students at-

ning on a 3-2 program.

Of the 444 accepted, 42% have decided to attend. Among those who came to prefrish weekend, the percentage is higher, about 60% 

Dan Langdale said it was uncertain whether this was because prefrish weekend was successful, but the results could come or because the ones who were more interested in coming to school here decided to prefrish. 

Crime and Incident Beat

CRIME TIP: Look both ways before crossing the street. If you fail to do this, and get hit by a car, call security immediately.

5/1 A student left his camera in a Kellogg office. The room is generally left open so that people can have access to the copier in the room, but the camera was stolen.

5/1 Scaffolding fittings, valuable as scrap metal, were noticed stolen from the Synchronotron basement.

5/2 A bicycle was stolen from the South entrance to Steele Lab. The bike was not locked.

5/2 An undergraduate reported that he believed that some CDs that had been mailed to him were stolen. The student received a bill, but no music.

5/4 A housing staff member called security to report a strange man carrying a "Garfield the Cat" balloon on the Olive Walk. An officer located the man, who wanted to argue about mass/weight/rate of fall and its relation to Chapter 18 of Matthew. The officer just wanted to know what the man was doing there. The man produced a Caltech Alumni ID card; he was a member of the class of 1947. The suspect has previously been identified as leaving letters for faculty pertaining to God, the CIA and the end of the world. The officer advised the man to continue on his way, but he stated loudly that he had a right to move about and that there was no sign of forced entry.

5/6 During Sports Day, a fire hadn't broken out in the gym, became disoriented, and then turned violent. The Pasadena Police and an ambulance were called and responded. (see photo)

5/7 A student locked his bicycle to a post with a Kryptonite lock in front of Catalina III, but that didn't stop a thief from stealing it.

5/7 The Ricketts House librarian reported that 30 to 50 reference books, stamped with the words "Ricketts House", were stolen from their library. The library is open 24 hours a day. Additionally, a set of encyclopedias and a set of Feynman Lectures were stolen from Blacker's library.

5/10 The computer and Crime and Incident Beat editor was using at the security office crushed as he was saving this week's columns and he had to start over from scratch. Frustrated, he only retyped the week's crimes -- no incidents.

Total dollar value stolen this week: $17,845.19.

Baseball Wrapup and Caltech Triathlon
Don't Cut EE's
Dear EE Department Faculty,
The proposed 3.5 GPA requirement for Electrical Engineering majors is a major setback to the education not only to the EE students, but also to students in classes who have personal and professional relationships with EE majors who do not meet the GPA requirement. It appears that one of the motivations for this requirement is the current lack of research opportunities. Dr. McElince even suggests that eventually all EE undergraduates should have personal lab space for three years. This, is a commendable goal, but not at the expense of losing valuable scientists and engineers because of an unreasonable requirement. Reducing the number of students in the option will not create research opportunities. The SUREF program is already available for those who wish to do undergraduate research and to have personal lab space to further encourage more research by providing the students with funding or creating its own program.

In the article, Dr. McElince suggests that all EE's would do a commendable job if they had the opportunity. This is questionable, since many engineering students intend to go into industry as design engineers rather than stay in academia. Perhaps the faculty should consider the needs of the students before determining what the priorities of the department should be. Forecasters predict a major shortage of trained scientists and engineers, and major growth (40% by the year 2000) is expected. In order to increase enrollment and without sacrificing education quality. For example, course prerequisites of 15-18 students in core classes like EE 14, 31, and 42 with separate recitations, as is done in Ch 1 and Ph 1 and 2. Improve TA quality and student/professor rapport; this is a very effective way to encourage students and improve the department overall.

Sincerely,
--Rob Williamson
James Lindelefeel
Flushing House, 1–57

UASH Replies
To the editors: All right, I think this has gone on just a bit too far. The letters back and forth between myself and UASH and Michael Lazzaro and Elaine Lindellef are serving no purpose other than entertainment for the readers of the Tech—at which I've been told they approach the level of Jim's Journal.

I would like to start this by saying that it is unfortunate that both Mr. Lazzaro and Ms. Lindellef feel that I think Ms. Lindellef has no opinion of her own. That is not what I meant, and I am sorry such a concept was inferred. However, I must insist that since Ms. Lindellef has never appeared before UASH, and since she has not spoken to anyone who I have talked with prior to this discussion (I think that it is a perfectly valid assumption that her opinions have been formed in part by the opinions of her close friends) among whom is Mr. Laurens know has strong opinions about UASH's current structure and methodology.

I don't know the tone in which my previous letter was received, but I was meant to impart some information about UASH, and to dispel some rumors about the committee that I feel are unfounded. I had attempted to accomplish these things in as limited a space as possible, so that my letter would be read, not ignored. I did not just refer readers to the Caltech Catalog as a reference on UASH. I also gave names of the student members of the committee and emphasized our willingness and availability to talk about anyone about UASH policies. However, the best course of action I can offer is that I was not taken up on this offer. Instead, I was personal attacks which I suppose is a letter the following week—not exactly the best way to accomplish our discussion of UASH (together with the rest of UASH) and the rest of the student body.

In closing, I just want to stress that I consider myself to be a representative of the student body on this committee and I encourage students and the student body overall. Also, please realize that I am available for your questions about UASH and for suggestions about changes to UASH. Thank you for your time. Sincerely,

-Dave Jeitner

The Chemistry of Yogurt
By:
The editors:

I am writing in regard to Mr. Baumberger's letter in the 27 April issue of the Tech. It is not surprising that three-month-old yogurt still appears (and quite possibly is edible). I have worked for two businesses that sold a good deal of yogurt. Occasionally one would get lost in the cooler and not be found for a month or two. They almost always appeared as fresh as new. I and my co-workers ate a number of them to no ill effect.

Yogurt has likely discovered by accident and cultivated as a means of making milk's better before refrigeration. This was important for herding tribes which cannot depend on stable storage facilities and as nourishment as small herds cannot always be managed as to have a constant supply of fresh milk. Yogurt becomes so by the fermentation of milk sugars to form lactic acid. When the pH falls to the electric point of case in 2hr, it becomes electrically neutral and then the cause of the self-attractive cause van der Waals forces dominate. This causes the congealing of the milk. The low pH makes the yogurt inhospitable to almost all other micro-organisms.

The yogurt suppliers at my previous places of work offered full refunds for all past date yogurt; we had only to supply them with the dated lids.

To all of these considerations add that the cup of yogurt costs BC only about $.40, that bulk yogurt costs 2.50 BC, and labor costs BC at least $.07 per minute. Yet the past dated yogurt cup had been refilled.

Thank you for your attention.
Sincerely,
-Russell Bell, 70

Letters

Buffs Boneyard Brood-ball EE! This is just a reminder that Broodball is this weekend at the Pasadena Ice Rink. (Os Loos Rob, just on the other side of the Holiday Inn.) Pre- scheduled teams should show up ready for action at 11:00 P.M. Saturday night.

Archbishop Desmond Tutu will be on campus, Tuesday, May 26, speaking on "The New World in South Africa." Now that Mandela has been freed, what kind of lever- age does it bring to the negotiations? Or has it been a hindrance to social progress in the country? These are open to the public, at 11:00 A.M. in the Winnetz courtyard.

International Day Planning: There will be a meeting on International Day that will be Thursday, May 17, at 7:00 p.m., in room 13 of SA, and all students who are interested in helping with the program are encouraged to attend.

Tickets for Cabaret: The high price — $30 (and $6.00 (regular — $10.00) for the musical Cabaret. The shows will be start at 7:30 p.m. on Sunday, May 20, and Saturday, May 26. The performances are at the Keck Theater on the campus of Occidental College.

Y Ride-sharing: The Y is helping arrange ride-sharing for students going home for the summer. If you'd like to have a ride and are willing to contribute some money for gas, you may want to use the ride board outside.

Comedy, Magic and the Pow- er of Suggestion: Tom Delucia, the national kendo champion of the year of the NACA for 1986, will be performing Monday, May 21, at 8:00 p.m., in the Aud. Prepare now for a night of kendo and karate moves and tricks at one o'clock in the morning. Sunday night at 1:00 a.m. in the Aud. In the studio, you'll be amazed at the magic of human impression with the help of suggestion. But watch your back if you're not interested, I'll see you there. The whole program is all about and South houses where one thousand dollars can be used. I'm sure this could be converted for students use.

We could allow catering ser- vices on campus as a convenience for students. This would be another possibility for meals. The coffeehouse would be allowed to stay open outside of business hours.

College is supposed to teach students to live on their own. After they graduate, they will not have a place to stay. One way to know how to prepare meals on your own is when you are surrounded by other students living in dormitories.

Students would not be locked in to eating according to any set hours. There are often sporting events, or activities planned for these times. Students often miss meals which they have to pay for. Finally, many students dislike the food so much they go out to eat all the time anyway, despite the fact that they are contributing ten dollars a day this year which they are not eating.

-Scott E. editor

The California Tech
Volume XXI • Number 26 May 99

Egghead

ASCIii MOVIE

FRIDAY NIGHT

WHEN THE NOSE

Baxter Lecture Hall 7:30 and 10:00 p.m. $1.00 ASCIii members $1.50 all others

Next Week:

Heavy Metal

Baxter Lecture Hall 1:00 a.m. following regular ASCIii movie $1.00 for ASCIii members $5.50 all others

YNews

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ASCIT MINUTES
April 8, 1990 10:30 p.m. MOSH’s
Present: The ASCIT BOD, Son­
ny Arcilla, Dwight Berg, Gavin Claypool, Matt Fields, Paul Socolow, Craig Sonin, Eric Stout, and Emily Wen.

The California Tech: The BOD was planning on trying to make the system retroactively for third term using the compensation schedule agreed upon last week. Sonny would like to modify the compensation schedule for the business manager to include some sort of bonus system. Dwight: “Just tonight I read an article by Horace Mann, insurance clauses and their effect on productivity.” “Business manager’s salary is determined by base salary altered by tick length, IQ, and years service.” He feels the ASCIT seems to want more discussion of California Tech salaries for the rest of their term in office, but if he wants to bring a new compens­
nation schedule by he can.

Sonny discusses the loan that the Tech will be taking out to pur­cose a new computer system with a golf­
inalational handset Bill: “The lines on this don’t line up. Will they with the new system?” Matt Fields: “Sonny, you should examine purchasing a cheaper Mac than the MacIntells, since the Tech will probably be looking at buying a new typewriter eight years from now.” Dwight: “Sonny, you should prepare a report to examine the net present value of the various Mac­
systems.” The loan will be $64,000 pur chase in 8 years installments, and Sonny says the Tech should have no problem pay­
ning it back.

The BOD trusts Sonny (?) and tells him to use his best judgment. The first step would be to get ahead of the game by buying a scanner, a device that would enable publications to prepare photographs for printing, rather than have an outside source. Proposal priorities for using the new system: (in order of priori­
ty) the California Tech, BOD and little t, ASCIT, students, other organizations.

Other Stuff: Glee Club thanks ASCIT for budgeting them money. A talk about how prefrosh weekend will go this year, Monday, May 17 on 100krc. Contact Marcie­
Whaley for more information. Big 7 editors have to pay their own salaries. The next ASCIT/Faculty meeting will be held Tuesday, May 29 noon in the Computer I Room. 1st Election on Friday, May 11 for Junior and Senior Class Officers.

Social Stuff: ASCIT Formal is this weekend. Contact Ann Smith if you have not received your invita­tion. Crew will be held on the Olive Walk in the afternoon on June 1. Mark Huie is here to pick up $80 for the purchase of two leg­
t for the event.

Sonny Stuff: Sonny has been discussing the InterClub Council (ICC) with some administration types. General consensus is that it should be comprised of three members: the SAC coordinator, an undergrad, and a grad. He’ll bring some motion for us to look at next week. Jack: “You know, Mark, I bodyslammed him to the floor (apparently referring to Sonny)

Fashion Tips and Surfing: Craig’s outfit is nice. Dress up for ASCIT meetings, because the women might come to take your picture. In between this discussion, we would be shopping for Surf­
ing Club and what actions, if any, should be taken.

Upcoming: Next meeting: the final discussion for the 1989-90 ASCIT Teaching Awards will occur. Please come lobby for your favorite professor. The next ASCIT meeting will be Tuesday, May 15 at 10:30 p.m in the MOSH’s office. Free food, drink, and a fashion show by Sonny Ar­
cilla and Craig Volden for all in attendance.

by Ali Mortazavi
In an attempt to shed some new light on the moral and public poli­
cy issues of the human genome project, Dr. Ruth Cowan tried to apply it to the lessons from the his­
tory of technology as well as from feminism. To this end, she used the development of am­
niocentesis as an example of how any future discovery would be ap­
plicated to American health care. As a prelude to a direct discus­
sion relating to the genome project, Dr. Cowan lectured on some of the basic tenants of the history of tech­
ology. She asserted that in all in­
ventions that (a) the motives of the inventors do matter. (b) there al­
ways exists imbedded objectives, (i.e. secret purposes that are not advertised or apparent to the buying public), and (c) all objects have unintended consequences.

The hope of feminism is to be aware of these unintended conse­
quences and work to prevent them from occurring.

In the field of feminist ethics she sided with those who think that “women have different life ex­
periences, and therefore are faced with different moral dilemmas.” Following a tale illustrating this idea, she advanced that in some cases (pregnancies, invalids, etc.) the “nurture” - the person taking care of the subject - should make the tough decisions. From there, she went into the history of am­
niocentesis. This medical oper­
ation is used to determine the characteristics of a fetus while still in the womb of the mother; due to it’s potential threat to the pregnan­
cy, it is required in only some cases. After describing the history of the procedure from a more scientific discovery to a routine medical treatment, Dr. Cowan tied in the whole talk into what amount­
ed to a preview of some of the futu­
re implications.

Cowan pointed out that the in­
troduction of any such innovation could greatly affect the medical system and the government of some of its flaws (among others, nurses and patient safety. As one of the issues of the new system?"

May 11, 1993

Dr. Ruth and Genomes
Environmental Update

by David MacKay

Since 1959, more than 4000 dolphins have been killed in the Pacific Ocean every week by the tuna industry. A dolphin holocaust of more than 6.5 million. Hundreds of dolphins are intentionally encircled with nets so as to catch the yellowfin tuna swimming beneath them. Tuna can be caught without harming dolphins, but some companies still set their nets on dolphin berries so as to maximise their profits.

Everyone is glad that a few companies have said they will only sell tuna fish that has been caught by other fishing methods. But it would be even better if this information were clearly displayed on the supermarket shelf.

The "Dolphin Protection Consumer Information Act of 1990" has been introduced in the House of Representatives and in the Senate; this legislation would require all cans of tuna fish caught by methods harmful to dolphins to be labelled distinctly.

What you can do:

1. Please write to your representative (Washington, D.C. 20515) and to your senator (Washington, DC 20510) urging them to support this legislation.
2. Tell your retailer that you would like them to join the demand for labelled tuna.

Environmental Task Force meetings coming up:

White paper recycling group—SAC 16, noon, May 16th
Resource conservation group—Red Door, noon, May 17th
Trash club—Recycling center, Thursdays, 5-6 pm.

For further information contact David MacKay, mackay@caltech.edu, or x5114.

Airtalk and South Africa

KPCC-FM's weeklyhke talk show, hosted by Larry Mantle, offers something special every month with "Airtalk: The Caltech Edition." The Caltech guests for the May 16 program will be John Brockard, professor of economics and social sciences, and Edwin S. Munger, professor of geography, emeritus. Dr. Loydard will talk about the economics of space, particularly the shuttle program and Space Station Freedom. Dr. Munger, who has traveled to Afri- can and South African national and political developments in southern Africa.

A regular feature of the show is a historical retrospective by Associate Archivist Judith Goodstein. "The Caltech Almanac" and detailed look at some many and discoveries in Caltech's history.

The hour of interviews and special reports from 6 to 7 p.m. also includes a preview of the upcoming Caltech public events and report on Caltech people in the news. Listeners to "Airtalk: The Caltech Edition" on KPCC-FM (89.3) are invited to call in with their questions at (818) 793-2489.

The show will also be simulcast on Channel 55 for Choice Cable television subscribers in Pasadena and Altadena.

Chess Team Wins Championship

[OPR]—In its first outing, the newly formed Caltech chess team won the college division of the U.S. Amateur Team Western Regional Championship, held at the May Inn in Pasadena. The University of California at San Diego finished second. Approximately 70 teams participated in the event.

The team will proceed to the Pan-American Intercollegiate Chess Team Championship, an annual event in December where approximately 200 colleges will be represented. Last year, Harvard University won its competition.

The team members are Jones Murphy, a graduate student majoring in physics, first board and captain; Bruce MacCarty-Filgate, a sophomore majoring in physics, second board; Michael Pustilnik, a graduate student majoring in chemistry, third board; Frank Pezz, a graduate student majoring in mechanical engineering, fourth board; and Ben Skraill, a graduate student majoring in physics, alternate.

The chess team has no coach, and practices on an irregular basis in the Caltech Coffeehouse. The members had been playing together, and decided they would like to try their luck in the tournament in Pasadena.

"We've got a strong team, they're a nice bunch of guys to play with, and I'm looking forward to the championship in December," said Michael Pustilnik.

Mathematica

Come Join The Mathematica Team

Wolfram Research, Inc. is seeking a person interested in computer-based mathematics education. Mathematica is a system for doing mathematics by computer, a growing rapidly, and is looking for individuals in the following areas: Algorithms and Language/Systems Software Development, 3D Computer Graphics, Software Quality Assurance, Mathematics Education, Technical Writing, Sales and Marketing, and mathematical projects implementing specific algorithms.

Opportunities available in Champaign, Illinois and as far as in Europe and Japan. Summer positions in Champaign available immediately.

Send resume to: Wolfram Research Inc., P.O. Box 6000, Champaign, IL 61820. Fax: 217-398-3174. Email: resume@Wolfram.com

IC Design Engineers

You'll handle the design and characterization of bipolar standard products. This will involve circuit design, test program and data assistance, product evaluation, and transfer to production.

Test Development Engineers

You will be responsible for designing analog and digital electrical configurations for parametric testing of semiconductor system chips. The job entails programming in Pascal and C circuit schematic creation, both analog and analog/digital.

Micro Linear

Surrounding the Analog World

Some of the most exciting developments in Silicon Valley are happening in the areas of linear technology and analog ICS. And, at Micro Linear, we're following a straight line to new market areas, higher levels of integration, and steady corporate growth.

We manufacture highly integrated analog subsystem ICs designed for specific applications—including data communications, power supply control, hard disk drives and computer peripherals. We also give our customers the chance to choose from standard, semi-standard or semi-custom IC solutions. This means direct involvement and exposure to a wide range of technologies for our people, as well as independent, recognition and the challenge of creating solutions.

We are growing and looking for EE graduates with BS and/or MS degrees and strong foundations in analog fundamentals to join us in the following positions:

- [IC Design Engineers]
- [Test Development Engineers]
Tech Meeting 12:15 today, above the bookstore.

ACADEMY BARBER SHOP
27 N. Catalina Ave., Pasadena
Open Tues.-Sat., 8 A.M.-5 P.M.
449-1681

Jim Custom Tailor
3518 E. COLORADO BLVD
PASADENA
(818) 793-5828
HOURS: 9:00 a.m. – 6:30 p.m.
(next to Duford Jewelry)

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330 South Lake, Suite 210
Pasadena, California 91101

HRANT AUTO SERVICE
Foreign and Domestic Cars
Snog Checks • Tune-Ups
Oil Change • Brakes
1477 E. Washington Blvd.
(Pasadena)

Features

Tony went to the dentist today.

He said he hadn’t been to the dentist for a long time. “And it wasn’t that bad,” he said.

Steve and I realized we hadn’t gone to the dentist in a long time either.

Well, there is in a rather large nutshell. If you have any questions feel free to contact your food reps, who – if they were in attendance and were paying attention – have been briefed on the stuff you read. Also, you can ask me questions if you happen to see me.

HAPPY HOUR at the dentist?

See Dr. Richard S. Phillips, D.D.S.
1392 North Altadena Drive
Pasadena 797-8778
New Patient HAPPY HOUR SPECIAL (Tues. & Thurs., 2-6 p.m.)
Cleaning/Exam $18.00 (reg. $70.00)
expires June 1990

La Grotta di Capri Pasta House
Discount with Caltech ID!
Dinner for 2 for $11.95
includes pasta dish
with soup or salad and selected desert
(818) 796-7652
1770 E. Colorado Blvd.
PASADENA

located near the corner of Colorado & Allen
(parking in rear, enter from Fremont Ave.)
One story: Though Gina K FermiPublishing, is a摆脱了 La-Daw and the previouslyhoodly feeble-body, and the “Fum*o” system was all but impossible. So to say "you cut and left a b*ttomless the fum*o system was all but impossible. So to say "you cut and left a b*ttomless I am not alone out here. To keep the fum*o system was all but impossible. So to say "you cut and left a b*ttomless

Dr. Day's Birthday Pooch! — The Physics Messiah

"Trotting, trotting, but that there's the side of rolling, more like. Very, very, very well, thank you. I want there to be a law against this thing. I can't think of any

Ditch Day's Tomorrow Frosh!

The council meets on regular basis, not in Milikan, not in

"Hi, I'm Mark" and anunciesso to announce the arrival of a new student to the group. The council is made up of five members, representing the five different areas of physics. The council meetings are open to all students and faculty members.

"Oh, he lives at Chester" everyone thinks of 1508. Chester ... 222 is ignored

The council was created to represent the interests of the physics students, as well as to provide a forum for the discussion of issues related to physics.

We are not all alone out here. To keep the ties we formed a multi-cultural, ex-

So far, all signs point to the council being a success. The council has already accomplished a lot in its short history, and it is expected to continue to be successful in the future.

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Louis Wilde and his daughter check out the food at Sports Day (not B.C.!)  

Bob Maher prepares for a tough turn in the triathlon.

Dave Kim takes a sip of water on the ride.

May 6th, 1990
May 11, 1990

KELROF: 24 Hours of Hell Fun

By Dave Kim

"THAT WHICH DOES NOT KILL ME MAKES ME STRONGER."

This quote, from the writings of Friedrich Nietzsche, a German philosopher who lived a pretty bitter life, has well suited for many years a traditional Caltech event. This event is back again and it is the 12th annual Kellogg's Eighth Light Regiment on Foot.

Called KELROF for short, it is a 24-hour relay foot race run by teams of up to 10 people. Members of each team take turns running or in some other way perpetuating for a mile, then hand off a baton to the next person on the team's list. The baton and the running order then cycle through all members of the team until 24 hours have passed, or, more sadly, there are no runners left. Teams try to achieve the longest collective distance at the end of the grueling day-long period.

All sorts of intense, strange, and interesting teams have competed, including an all-frosh X-country team, a 3-woman team, a perennial Page team using a traditional squid as a baton, and the slightly psychotic "Beer KELROF," I have even read of "man, woman, dog" teams.

This year KELROF will start bright and early at 9AM Saturday, May 19. It will be held at the Caltech track and many runners, walkers, and masochistic limpers are expected. If you have a team of any sort or don't have a team but wish to run anyway, please contact me at 578-9370.

I will make information packets available within a day or so and there will be another article next week with miscellaneous information and inspirational quotes. If you are planning to spectate and would like to help out with timing, replenishing drinks, and other helpful things, please contact me; a little extra help will go a long way to make KELROF a nice event. Well, as nice as it can be, considering that its main claim to fame is that it comes close to killing you.

Speaking of which, if you want to do it, make sure you are in reasonably good health. Get some sleep the few nights before, talk to people, check the batteries in your pacemaker, etc.

Questions/info/teams? Call Dave Kim at 578-9370 and keep on running!

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Working for CSS gets you out on the cutting edge of computer application technology without turning you into a megacorp robot. You get to program, not just talk about it. The company has been in existence for six years and in that time we've had exactly one staff meeting. (It was a waste of time. We don't plan to have another one.)

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Baseball Beats the Alumni

By Art Kaplan

Last article, I said that if you came to the Alumni game, you could expect a beat down. Well, if you were one of the few who showed up, you did. For the first time in 1 time I believe the history of Caltech, the team beat the Alumni. The final score was 4-3 in 8 innings. The win by 5 run deficit to win 8-7. In the last inning, the Alumni had a runner at 3rd, but failed to tie the game.

Last week, the Caltech Baseball squad went 7-0 in non-conference games against Claremont, the first place team in the division. The L.A. Times published an article about the Beaver’s abilities, but in the end we were defeated by our own inexperience.

I still don’t get it—why do these schools put barbed wire on the surrounding fence?

In the first game, we had performed one of the best played games this year. We were tied at 2-2 and the third inning when the Alumni lost it. 7-3. 16 Techers made it on base, but only 3 ended up scoring. The second and third games were played with equal aggressiveness, but we lost 8-2 and 9-0. We didn’t fail to score, but we did have some fun.

Mark C. Hammond, a bulldog strangely entered the field before the game. There were gunshots heard in the air, but we didn’t let it intimidate us. The one thing that gets me about Dwy is that their waterfountain shoots the water in the shape of a cross. We had some bonus fans that happened to see us drive on the freeway, but they were outnumbered by the “bull bombs,” who were more than away.

The sixteen playing members, including seven seniors, all contributed to the successful season. Our nine wins were higher than last years. Matty Aranda, one of our pinch hitters, led the team in stolen bases (6) and fantastic catches (5). Rob Diemer led the team in hits (39), triples (3), home-runs (2), runs-batted-in (16), on-base percentage (.413), and batting average (.386). Jay Bromley was our solid catcher (5 more years). Ken Campman, our fearless warmup leader and pitcher, led in RBIs (116) and doubles (7), and second in batting average (.267). Bob Grothe was an inspiration both on and off the field, and had a .478 on-base average with 15 RBIs. Steve Hookstra had 3 home runs, and was our second fewest innings (1). John McGill had 19 and a half, SB. Jon McGill had 19 hits and a 440 OBA.

Marly Obrist’s just had the coolest shades. Mike Salisbury will be missed at first, as will his leading 264 putts. Todd Schamburg had 5 RBIs. John Stanstead at third, and pitched three innings of scoreless ball. Alan Siddiqui had no errors, and adopt- ed well from cricket. Geoff Versena, well, he got cow-tipped by the neardman, and he became the only person to score while I was at the plate.

Peter Ying played at second, and we may have beatem Beacons if Pete wasn’t on the DL. Well of these people, seven will not return. I would like to thank all the seniors good luck, and thanks to Coach D’Aria and Ron Towles, already making this a great season for me. Wait ‘till next year!

Caltech Triathletes are Hot

by Mark Lyttle

The world shook this Sunday as the California Institute of Tech Dey Triathlon kicked off in 100+ degree heat. The competition fea­ tured a bike ride and a swim due to cramps. in 1930 and 1931.

The return of the “ballroom and Ohannissian to the multisport loop.”

The race was to be the first duel between Caltech’s top triathletes. First place had been con­ creed to Craig Reynolds, professional triathlete, and Pete Dickson, who picked won the race. Dickson was forced to out­ side the heat. The heat was begin­ ning to take its toll with many of the participants reduced to a sur­ vivor’s death march on the last lap.

Editors Note: Lotttayon and Ohannissian to the multisport loop—was not to be as Lyttle had an unusually poor bike ride finishing just ahead of Chris Cam­ po, and then dropping out on the run. Ohannissian was faring little better after taking a more conserv­ ative pace on the bike and run, as he was forced to drop out during the swim due to cramps.

On the three mile run (12 laps), Flees quickly pulled out a one hundred yard lead on Reynolds, who was obviously tired from a tough biauthon that he had won the day before. Pham’s deadly pace on the bike slowed him to a walking pace on the run. Pham walked the first lap taking in almost a full water bottle before beginning his own run.

Camp and Sauder sensing Caltech’s weakness began to cut into his almost two lap lead. Near the end of the run, Campo had made up his deficit on Pham, while Sauder lagged, apparently con­ fident in his ability to catch the two track men in the pool.

Dan Flees, apparently running a lap short, was first to enter the pool area, where Barry Stite swam the 500 meter final leg (20 laps), to seal the relay victory for the Page House Relay Team. Craig Reynolds, was next to enter the pool, but in his own words, “Once I got in I didn’t feel like swim­ ming.” Exhibiting a playful atti­ tude, on several laps, he spit water continued on page 11

The California Tech

May 11, 1990

Editorial

Misuse of Athletic Funds

While I applaud the donation of money for athletic facilities im­ provements, there seem to be many better things that we should be doing with our dollars than to refurbish the bleachers and construct a press box.

Two of the tennis courts are not lit up at night, and the weather courts during the peak hours of use, especially over the summer. A major improvement to the tennis courts is to put lights on the entire area. Many non­techers use the courts and most stu­ dents do not want to start a fight by trying to run in Pasadena be­ hind the Arroyo Seco. Come on! The lights are in the plan for Caltech. Since we will have a dirt track again if this policy is kept up and no money is appropriated for its repair.

Caltech has been waiting for nearly thirty years for a multi­ million dollar gift to build a second gym. This isn’t going to happen. As a start, the university should increase the weight room should be finished. The weight room would be moved to the old field house, and the current weight room would be used for aerobics, karate, ballroom dance, and other events to allevi­ ate usage of the gym.

Racquetball courts are another part of this large master plan for the gym. These would probably cost more than one hundred thou­ sand, but perhaps the institute could help in the repair.

Effectively, there is no media coverage of Caltech’s sport events. The team is rarely used—only for a few football games and track and field. Even then they aren’t nearly filled. I am sure that the stu­ dents and the rest of Caltech would appreciate to know what is currently planned. If you are interested strongly about this, please write a letter to the Athletic Depart­ ment, 1-2. They are open to student opinion.

— Scott Kister

Editor