

We have a 22K Blacker Inside World submitted, so if you don't want it in the *Tech* next week, someone had better write some real articles.

# THE CALIFORNIA TECH

Staff o' Gary fixify rag of fats

Volume XCII, Number 24

Pasadena, California

April 26, 1991

## B.C. Loses Contract Total Food To Provide Tech's Meals

by Emily Wen

Next year, Caltech is getting a new food service. The current food service, Burger Continental, has been serving the Caltech community for five years. It has done a good job for the past years but most of the students think it is a time for a change.

The new food service, Total Food Management, is based in Anaheim. The company has been in operation for three years. Currently it is serving a Catholic girls school, and a boys military school in Southern California, the Arnold and Mabel Beckman Center in Irvine, and several sites nationwide. Its president, Gene Cyr had worked in Caltech between 1982-83 as a representative of Servo, the food service then.

The price of next year's food service will be 25 cents (per day) cheaper. Total Food Management is awarded a two-year contract. Besides serving the undergraduate houses, it will also be operating

Chandler Dining Hall.

Total Food Management offers a series of healthy menus. Hopefully, next year a series of lite line menus will be introduced. More varieties of vegetarian dishes will also be available. A professional chef is going to be on site to control the quality and presentation of food being served.

According to Mr. James Minges, the Director for Business Services, the administration plans to rehabilitate both the North and South side kitchens during the upcoming summers. They will spend around \$70,000 this summer to face-lift the kitchens, and next summer, a major rehabilitation is planned. The sanitation situation should be improved by remodeling the kitchens.

As part of the improvements, the administration has installed a liaison person, Mr. Ron McKinnell, Deputy Director of Business Services, as a bridge between the students and the food service



photo by Lei Chen

Last week, there was an enormous line in front of Winnett waiting to eat Gary's awesome food. Only on pre-fresh weekend.

manager. It is felt that a person who is from Caltech will be a better point of contact than someone from the food service for the students.

If you have any suggestions for next year's contract, talk to your respective house food representatives, or call Ron McKinnell (x6794) directly.

## You Want to Be Tech Editor

Nominations are now open for the following ASCIT-appointed offices: Big T Editors and Business Manager, Totem Editor, Publications Darkroom Chairman and Elections Chairman. There will be a sign-up on the MOSH's door until Tuesday, May 1, and interviews will be held at that night's ASCIT meeting at 10:30 PM in the MOSH's office. If you have questions, call Eric Stout at x6757.

Nominations are also open for the illustrious position of *Tech* Editor. (Please DON'T write Scott and Mark in.) The election will be Friday, May 3. Statements are due to the *Tech* by Wednesday at 6 PM.

## Congratulations Barbara Green

Dr. Barbara Green, Associate Dean of Students, and her husband Dave Volckmann, became proud parents of a son Nicholas, on April 22, 1991 at 3:09 AM. Nicholas weighed in at 8 lbs. 4 oz., and 21 inches in length. Mother and child are doing fine. Barbara will be on maternity leave until September 1st; in the interim David Levy, the Director of Financial Aid, will serve temporarily as Associate Dean of Students.

## Occidental Shows Up, Defeats Track Team

by Chris Campo

"We can sneak up on Oxy and beat them in this meet!" Coach Jim O'Brien told his runners in a meeting prior to last Saturday's track meet against La Verne, Occidental, and Cal Lutheran. O'Brien was banking on Oxy's runners choosing to run in a Pomona Pitzer Invitational that Friday and in the prestigious Mt. SAC Track Meet that Sunday.

The Oxy squad would, O'Brien hoped, be much depleted for the meet against Caltech on Saturday, and the Beavers would in his mind have a shot at squeaking out a victory over a much weakened Oxy squad. However, Oxy coach Bill Harvey, embarrassed by the defeat of his cross country team by

Caltech in 1989, was determined that Oxy would NEVER AGAIN be defeated by the Battlin' Beavers.

And so, Oxy's men came with adequate strength to vanquish La Verne, Caltech and Cal Lutheran. Caltech was second to Oxy and posted a number of respectable performances in what was the last meet before the SCIAC Conference Championships.

"My god!" "What a MONSTER!" "Look at the size of that guy!" "He's bigger than HARKNESS!" The whispers of wonder and disbelief circulated throughout the crowd at the meet as Oxy's premier weightman, "Big Man" Dargan, made his way onto the field. Dargan was the Most Valuable Athlete in last year's SCIAC Cham-

pionships, and he proved once again that he is THE weightman in SCIAC by winning the Discus, Hammer and Shot Put at the meet.

But Caltech had its own Weight Monsters, in the form of William Glenn and Jeff Martin. Glenn took second in the Discus to Dargan, with an impressive throw of 125 feet, 5 inches. Martin took third in that event with a throw of 110 feet, 5 inches. In the shot Glenn threw 38 feet 6 inches, good for fourth. Glenn also threw the hammer for a respectable 96 feet, 6 inches. (NOT an easy task as most people can't even get off a FAIR THROW much less a good throw in the hammer!)

While Martin's discus throwing was on target, he was disappoint-

ed in his shot put and javelin performances at the meet. "William Glenn BIT me the night before the meet in a showering war. My pecs really hurt and I couldn't throw well at all." Tech's Weight Monsters are so hungry they eat each other!

Ned Bowden was Tech's One Man Middle Distance Army at the meet, placing fourth in the 1500 meter run (4:21) and third in the 800 meter run (2:05). Backing up Bowden's charge was up and coming middle distance sensation, Ryan Naone. Ryan ran a 2:09 in the 800 meters, good for fourth place.

While Ned paced the 800 out with fairly even splits, Ryan ran the race "the hard way", deciding to play hardball with the Oxy speed demons for the first lap and paying the price on the second lap. "I came through the first lap in 61 seconds and when I hit the back straightaway my legs just started locking up," commented Naone on the race.

The "Three Stooges" Beaver continued on page 8

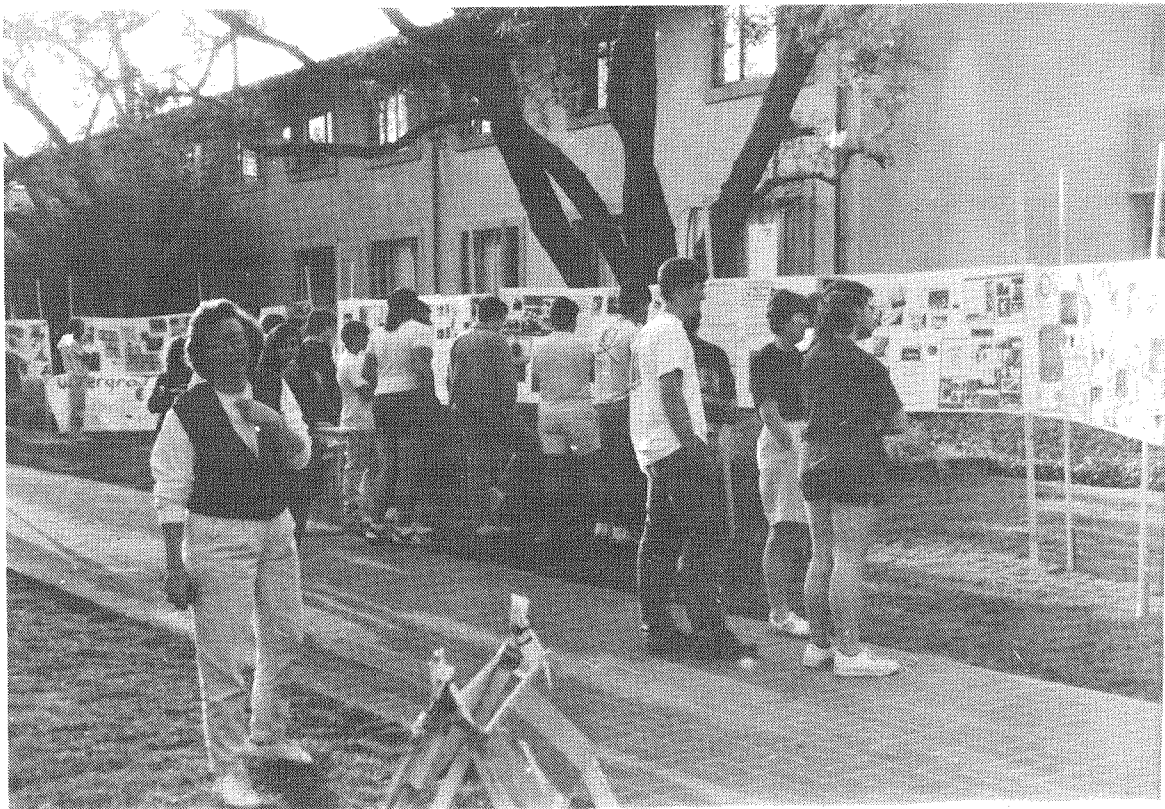


photo by Lei Chen

Kim West watches to make sure that no DAPAC violations occur along the Caltech undergraduate centennial timeline.

## CRIME AND INCIDENT BEAT

Crime Tip: The area on Lura Street between Michigan and Wilson, where the houses have been torn down, should be avoided at night or traversed in large numbers. A student was recently assaulted there. Security will provide an escort for those who want it.

4/18 Several checks were removed from a staff member's desk in Sloan 258. The checks were filled out and cashed for several hundred dollars.

4/19 A car cover from a student's Nissan, parked in the Michigan-Del Mar lot, was stolen. The cover was not locked.

4/20 A graduate student was assaulted while walking on the east side of Beckman Institute. The two suspects approached from the area of Lura and Michigan streets.

4/22 A bicycle parked in the rack at the north side of Arms was stolen. The bike was locked with two locks, one of which was left on the ground.

4/23 A flat of flowers belonging to Caltech were taken from the grounds department storage area. An employee surprised the suspect, who immediately drove away in a Dodge Caravan.

Total value stolen or missing: \$380

INSIDE

**Complaints About Food, Crime & Tech**  
page 2

**Sam and Jeff's Bridge Column**  
page 8

**Jim's Journal**  
page 3

# Letters

## ASCIT Minutes

April 23, 1991

### Food Quality Bad

To Kim West, Director of Residence Life  
We, the undersigned members of Ricketts House, would like to bring to your attention our extreme displeasure with the current actions of Continental Food Service. Our complaints stem from CFS's efforts to skirt the edges of their contract, and their willingness to violate the generally positive, friendly spirit of life at Caltech.

Since the decision to terminate CFS's contract was made public, the quality of the food served in the student houses has plummeted. Student attendance at CFS meals has dropped sharply in a response to the lack of edible entrees.

A typical dinner in the student houses is now comprised of pasta in pureed tomatoes, unboned chicken parts (or, like the dinner of April 17, whole chickens on paper plates), and a "salad" consisting of lettuce and salad dressing.

For this, we are charged over \$7.00. This is unacceptable. We are not willing to pay that much for such a meal, when good-tasting, wholesome meals are readily available at any number of restaurants, at less cost.

Gary is now serving meals on paper plates. This does not technically violate his contract, since "CONTINENTAL is not to use paper or plastic service ware with the exception of—dish machine breakdown (of which CONTINENTAL is to advise the Manager of Housing immediately)."

However, it strikes us as a strange coincidence that remedying the situation should take so long, and that the dishwasher breakdown should so closely coincide with Gary's discovery that his contract is ending. This is just one of a number of things that CFS is doing to cut corners and aggravate students.

For lunch on April 18, for example, the doors of the cafeteria were closed until precisely 11:30, and closed again at exactly 12:30. In the past, cafeteria doors have been open, and food available from 11:15 until almost 1:00. Though

this new policy is not a breach of contract, it is the barest minimum required.

The main lunch entree on that day was "chicken pot pie." This was, in actuality, unboned chicken in white sauce, in a pastry shell. It was easy to pick out the shapes of ribcages and backbones in the mess. The only alternative to this delightful main course were the ever-present pasta in pureed tomatoes, or hamburgers.

It is unfortunate that a college of Caltech's caliber should be plagued by a food service with so little honor. We therefore respectfully request that the Caltech administration deal with the current unacceptable situation in an expedient manner. We would also like to invite any members of the administration who wish to experience dinner in the student houses to contact Paul Rothemund at 584-1807 or 578-9414.

Brain Chafin,  
Steven Sobleman,  
42 other signatures

### Campus Crime

To the Caltech community:

Last Saturday evening shortly before 10 PM, I was attacked by two men as I was walking on campus just east of the Beckman Institute. After the attack, I ran to my office and called Caltech security at extension 5000.

Their response was prompt, although unfortunately several minutes had passed before I was able to get to a telephone. The proposed campus-wide emergency telephone system would have allowed me to call for help sooner, and I hope that this long awaited system will be installed as soon as possible.

Later, from a friend's apartment in the Catalina complex, I reported the incident to the Pasadena police. This should have been done much sooner, possibly by having my call to Caltech security put through to the 911 number after the basic information had been reported.

The Pasadena police response was also quite prompt, but the officers commented that they had

difficulty locating the correct building. This will come as no surprise to anyone who has lived in the Catalina complex and tried to direct visitors to an apartment. Building numbers are obscured by vegetation, or worse, not visible at all because some buildings are set back from the street behind others.

Rather than number apartments sequentially throughout the complex, there are multiple units with the same apartment number. The officers commented that it was fortunate that this incident was not a medical emergency — those extra minutes spent searching for the apartment might then have been critical.

I have also learned that it is not possible to dial the campus emergency number from off-campus telephones or pay-phones. Instead one must dial the regular number for Caltech security, 356-4701.

Although on Saturday night the police helicopter was grounded due to bad weather, usually the helicopter can be over a site minutes after a call to the 911 emergency number. For this response to be effective, a call for help must be made as soon as possible. A description of the suspects and an indication of the direction they ran off are obviously helpful.

Crime is an unfortunate but very real aspect of life at Caltech. We all need to be more aware of this fact.

Robert Harley  
Graduate Student

### Math 2, Phys 2 on Pass/Fail

To the administration,

I wish to ask a question that I have asked before and have yet to receive a reasonable answer. The question is this: Why can I not take Math 2 (or Phys 2) Pass/Fail? Like sheep, everyone I ask gives the canned response that it is a "Core Requirement." I have heard no better argument.

I give this simple argument for making Math 2 (or Phys 2) Pass/Fail. If I were to take a literature course, as related to my option (Biology) as Math 2 is, I could take it Pass/Fail. In fact, there would be so little notice that I would simply be doing the "normal" thing. If I were to request to take Math 2 Pass/Fail, on the other hand, it would seem as if I was Oliver Twist asking for "More?" It is simply unheard of.

Shane Sauby  
Ruddock 1-55

My one other point is this: The institute prides itself on producing well-rounded students. This, in its collective mind, is achieved through a large humanities and social science requirement, along with the basic "Math and Physics for everyone!" attitude. The rules then allow the students, though, to simply Pass/Fail these annoying humanities requirements and get away with as little learning and work as possible.

This is hypocrisy. The literature class in my example is much more educational and useful than Math 2, yet I can't ignore Math 2 because I must take it on grades. I find this unfair. Under the required courses for my option, Math 2 and Phys 2 are totally unrelated to anything else I will take. More to the point, except for those two classes, there is no requirement for Math 1 or Phys 1!

Finally, there are those that tell me not to worry about it. I tell them they are wrong. If a student takes the minimum required units and Pass/Fails one class a term, twenty percent of their GPA will depend on Math 2 and Phys 2. There are also those who say that my option GPA is all that matters.

I would agree, since my non-Math/Phys GPA is almost half a point higher, but this does not take into account the effect that taking these classes has on my other classes. These were not 18 units of my sophomore year, they were more like thirty. I spent many nights working on studying and homework for these two classes. Obviously, this had an adverse effect on my other grades due to the monopolization of my time by Math and Phys.

I lay no claim to being a great student. If one were to look at the numbers and letters in a file to measure my ability, I would fall far short of many of my fellow students. But I have worked hard to stay here and continue in my education and I would like to go further once I leave this place. I am worried though, that those numbers will prevent me from going on to a place as decent as Caltech and eventually remove some of the opportunities I might have had.

So with this in mind, in this open forum, I would like a straight answer to my question. Why can't I take Math 2 Pass/Fail?

OPEN UNTIL MIDNIGHT • 7 DAYS A WEEK

## Cliff's Books

630 E. Colorado Blvd.  
Pasadena

20% off  
with Caltech ID

Science Fiction  
Scientific & Technical  
Comics • Records

Open 10:30 a.m.—midnight (818) 449-9541

### HAPPY HOUR at the dentist?



See Dr. Richard S. Phillips, D.D.S.  
1302 North Altadena Drive  
Pasadena • 797-6778

New Patient HAPPY HOUR SPECIAL (Tues. & Thurs., 2-6 p.m.)  
Cleaning/Exam \$18.00 (reg. \$70.00)

expires June 1991

## LAEMMILE THEATRES

**ESQUIRE**  
2670 E. Colorado Blvd.  
(818) 793-6149

"Dazzling... Seductive."  
—Rolling Stone

### La Femme Nikita

Daily 5:00, 7:30, 9:55 p.m.  
Sat-Sun Matinee 2:30 p.m.

**COLORADO**  
2588 E. Colorado Blvd.  
(818) 796-9704

Christopher Walken  
Natasha Richardson

### The Comfort of Strangers

Daily 4:45, 7:00, 9:20 p.m.  
Sat-Sun Matinee 2:00 p.m.

## THE CALIFORNIA TECH

Volume XCII • Number 24  
April 26, 1991

EDITORS  
Scott Kister  
Mark Lyttle

CRIME BEAT EDITOR  
Rob Ellis

WRITERS  
Chris Campo  
Sam Dinkin  
Jeff Goldsmith  
Emily Wen

PHOTO EDITOR  
Lei Chen

ELECTRONIC COPY EDITOR  
Asim Mughal

BUSINESS MANAGER  
Sonny Arcilla

CIRCULATION  
Peyjen Wu  
Jennifer Wright

THE CALIFORNIA TECH  
Caltech • 40-58 SAC  
1201 East California Boulevard  
Pasadena, California 91125

(818) 356-6154

Published weekly except during examination and vacation periods by Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are strictly those of the authors.

Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. The editors reserve the right to abridge and edit all submissions for literacy, expediency, or anything else. Turn in copy (preferably in ASCII format on an IBM-compatible floppy disk) to the Tech mailbox outside SAC room 40 or through the Network email to TECH CITIago or TECH Iago.Caltech.edu. The deadline for copy is Wednesday at noon; for announcements, Tuesday at 5 P.M.

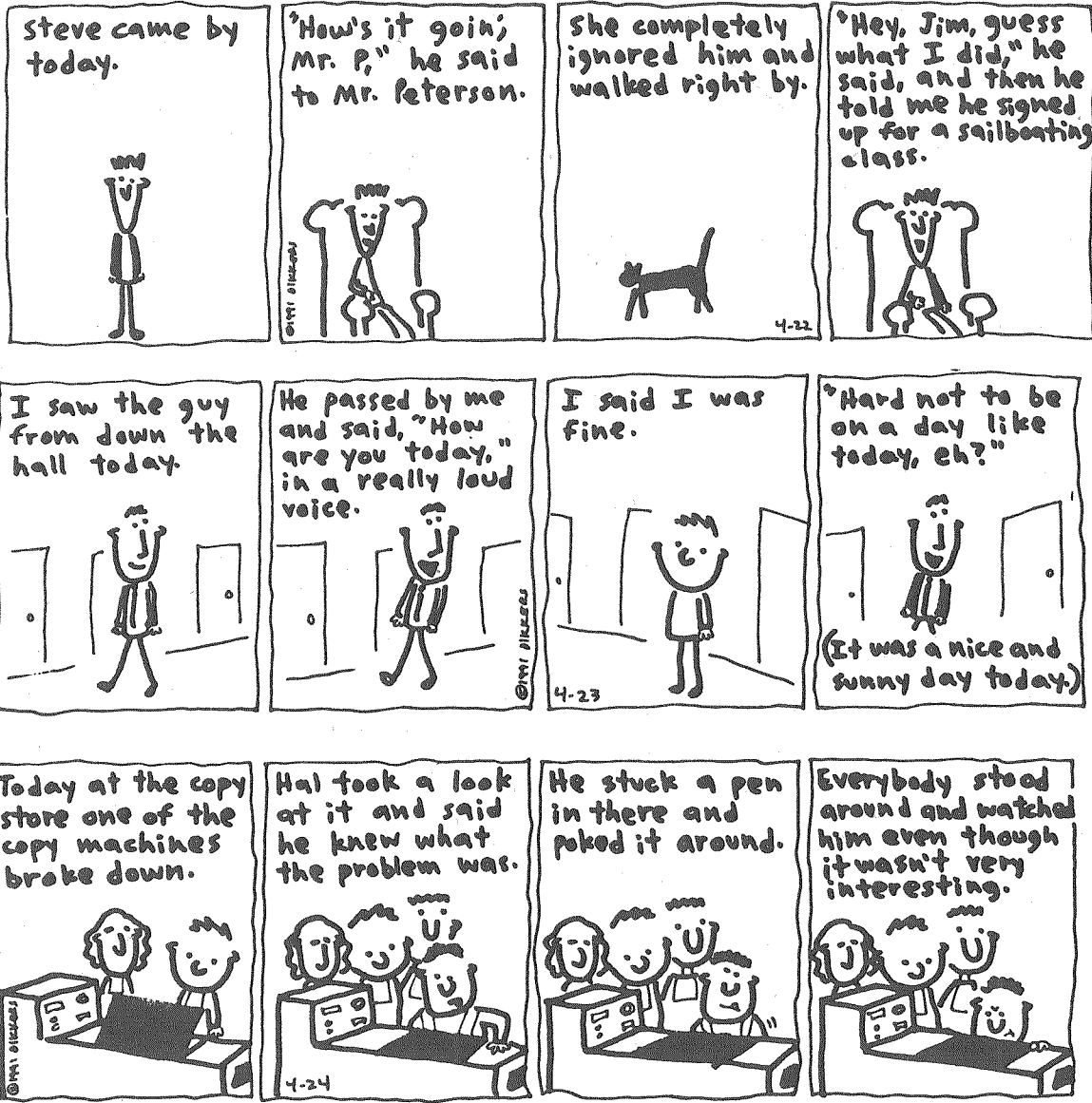
Subscription requests should be directed to the office manager. Subscriptions (mailed third class) are \$3.50 for one term, \$10 for one year, and \$19 for two years. Printed by News-Type Service, Glendale.

ISSN 0008-1582

*the Haircutters*  
**STUDENTS — GET \$4.00 OFF WITH THIS AD**  
Shampoo, Style Cut  
MEN Reg. \$20.00 NOW \$16.00  
WOMEN Reg. \$25.00 NOW \$21.00  
**449-6967**  
**1009 E. COLORADO • PASADENA**  
Offer valid only Monday-Friday, expires June 30, 1991

**Jim's Journal**

by Jim



**Jim's Journal**

by Jim

**CALENDAR OF EVENTS**

Day	Date	Event	Location
Fri.	May 10	The ASCIT Formal	Athenaeum
Mon.	May 13	Student-Faculty Conference	Ramo Auditorium
Sat. Sun.	May 18-19	KELROF	Track
Sat.	May 18	Tanning Invitational	150 South Chester
Sat. Sun.	May 18-19	Boffo-Bonecrusher VI	Pasadena Ice Rink
Sun.	May 19	Sports Day	Athletic Fields
Fri.	May 24	International Day	Winnett
Sat.	May 25	Caltech Talent Show	Ramo Auditorium

**A KALEIDOSCOPE OF ENTERTAINMENT**  
CALTECH public events

**RUTH GOLDEN**  
Soprano  
in a Special Benefit Recital for the Friends of Beckman Auditorium outreach activities  
**Saturday, April 27 / 8 p.m.**  
Dabney Lounge  
\$50.00; Students \$15.00  
There will be a reception immediately following the concert.  
Call campus extension 4652 for information.

**The Inside World**

**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, or to not print it at all. 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.

This Week's **Inside World** was written by:

Blacker: Noam Bernstein & Walker Aumann	Blacker	12	4	0	0	1	1
Dabney: Rich Zitola	Dabney	11	2	0	0	2	2
Lloyd: Jeff Hagen, Scott Harris, Raif Majeed	Fleming	13	1	0	0	0	0
Ruddock: Jon Liljebld	Lloyd	26	15	2	1	0	3
	Page	21	3	1	3	0	4
	Ruddock	25	18	3	2	0	4
	Ricketts	15	9	0	4	0	4

**Lick My Love Pump**

Dexter woke up feeling very sick. He could still feel the Tommy's burger in his stomach, and he really didn't want to be awake. There was a knock on the door, and in came Chris Brennen with a storybook. He sat down and began to read to the sick preffrosh.

Once upon a time, on a puppy farm in the countryside of Nickel, there lived a young woman named Bittercup. She spent her days being bitten on the leg by dogs, scratched in the eye by cats, and tormenting the dog boy. The dog boy was named Bevan, but she never called him that. "Dog boy," she would say, "eat your green slop." "Go to hell," he would always answer.

One day, she was suprised to realize that when dog boy said "go to hell", what he actually meant was "I love you". It was even more amazing when she realized that she, in fact, loved him too. After a time, Bevan left the farm to earn enough money so that they could be married. It was a painful time for both of them.

"What if you never come back," asked Bittercup. "I don't think I could go on living without you." Dog boy answered, "I will always come for you. This is a relationship - do you think this happens every day?" With that, Bevan left, but before he graduated, his class was taught by the Dread Professor Koonin, and everyone knows that the Dread Prof Koonin leaves no survivors. Bittercup went into mourning. "I will never go out again."

Five years later, Prince Walker announced his engagement to a former local farmgirl - Princess Bittercup. Although Excomm gave the Prince the right to choose his bride, she did not love him. The only thing that gave her pleasure were her daily church visits, although lately the bishop recognized her, and punched her in the nose.

One day, on her way back from church, she was stopped by a trio of men. One was a very large man with a cane. The second was very loud, in spite of the fact that his mouth was closed. The last was a thin man with scruffy hair and a mustache. "We are wandering high school students. Is Interhove anytime soon?" "Not for another six months," answered Bittercup. "Good, then no one will hear you scream." They captured the Princess and took her to their ship, and set sail for Dime.

After night fell, the loud one was looking behind the boat. "Fru, what are you looking at?", asked the scruffy one. "I think we're being followed, Ben." "Pbbftttt! BOING! No one in Dime knows what we've done, and no one in Nickel could have gotten here so fast." "Then who is that?" "Probably a local drug smuggler."

to be continued...

**Glee Club Sings**

by Don Caldwell

Considered by scholars to possibly be his greatest work, Haydn's *Lord Nelson Mass* will be performed Saturday and Sunday evenings by the Caltech Men's Glee Club and the Mount Chorus from Mt. St. Mary's College joined by professional orchestra and soloists.

Although Saturday's concert which is at 8 PM at the Mary Chapel at Mt. St. Mary's, is a bit far from campus (near UCLA), Sunday's will be quite close - just ten minutes away - at 7:30 PM at St. Bede's Church, 215 Foothill Blvd., La Canada (just past JPL).

The work contains all that is best in Haydn, from supremely confident application of symphonic principles, to stirring Handelian choruses, moments of great drama, and passages of introspection and elevated expressiveness. The soprano solo is particularly demanding and will be performed by noted blind soprano, Lynda Anders, who will also present a selection of spirituals on the first part of the program. Admission is free.

**UHF**

**Tonight's ASCIT Movie**

7:30 & 10:00

In Baxter Lecture Hall (upstairs)

\$1.50 for ASCIT types, \$2.00 for the rest of the world



**Sign Up for the ASCIT Formal**

Sign-ups for this year's ASCIT Formal are now out on the MOSH's Office door. It will be held on Friday, May 10th at Caltech's Athenaeum, and will cost \$50 for each couple. The formal is open to undergraduates from all classes and their date. If you have any questions, call Ari Kaplan at 440-9743 or x3691.

**LORENZO'S BARBER SHOP**

Ask for Your Caltech Student Discount!

Unisex Hairstyling	
Regular Cut (men)	\$ 9 <sup>00</sup> <b>\$1 off</b>
Regular Cut (women)	\$ 9 <sup>00</sup> <b>\$1 off</b>
Style Cut	\$12 <sup>00</sup> <b>\$2 off</b>
Permanent Wave	\$40 <sup>00</sup> <b>\$5 off</b>

9 a.m. - 6 p.m., Monday - Saturday  
14 N. Mentor Avenue, Pasadena (818) 795-5443  
No Appointment Needed

**Are You Socially Concerned about the world and communities in which we live?**

As Unitarian Universalists, we seek justice, equity and compassion in human relations.

We do so because WE, as individuals, think that it is right.

Please join us in making THIS WORLD a better one in which to live.

**Throop Memorial Church Unitarian Universalist** is on the northeast corner of Del Mar and Los Robles (only a 15 min. walk from campus).  
Sunday service is at 11 a.m.  
Phone: (818) 795-8625



# COMPUTER SCIENCE FELLOWSHIPS

Awarded to students in computer science, or to students in other options who are likely to choose a career in advanced computer programming. Awards are made without regard to financial need.

**Juniors: Scholarship Program**  
\$2500 Scholarship for Junior Year

**Seniors: Fellowship Program**  
\$6000 Summer Internship  
\$5000 Scholarship for Senior Year

**Seniors: Scholarship Program**  
\$5000 Scholarship for Senior Year

APPLY THROUGH CALTECH FINANCIAL AID OFFICE

**Application Deadline: May 3, 1991**

### *Past Green Hills Scholars*

**Class of 1990**

Vivian Chow  
Ed Lee  
Charlotte Manly  
Dave Proctor

**Class of 1991**

Marc Abel  
Wendell Hicken  
Yun Fong Loh  
Kevin Luster  
Eric Newman

**Class of 1992**

Jim Hu  
Jeff Jones  
Ed Lew  
Jay Obernolte

APPLICATIONS AVAILABLE:

Financial Aid Office • 515 S. Wilson Ave.

or

Call Green Hills • (800) 765-GREEN

**Dabney**

Wow. It's been a long time since the last appearance of the Dabney House inside world. After last week's barrage of Jim's Journal, I thought it's about time for something new. So... this weekend, a bunch of darbs are going to invade CAPRA. "Take lots of pictures," Alan says. Hmm... this should be interesting. Just how many people can we really fit into the Sethmobile? Don't worry. Lat ent can hang onto the roof rack.

What else is going on around the house? Now that the prefrash are gone, that alley 4+6 population has fallen back to 14 from the 34 that we had last week. The four prefrash in 18 had the room all to themselves. What happened to Laurent and Jamie? I hear Dean and Bo may have had some company on a couple of those nights. And yes, it is possible for room 35 to sleep seven. This time, we only lost four prefrash in the tunnels. Oh well, I guess someone will find them someday.

Hi! My name is Karen!  
Have you drawn your roompick card yet? Congratulations Seth. Who's going to be the lucky #8? Will the Frosh Five Plus Two take 317 S. Holliston? Be careful not to fall into that nasty algae pond in the back yard. The statue is best admired from a distance.

Steve Anderson is coming back. What a cool idea!  
So... there hasn't been a good orange war lately. OK, so there are only a few oranges on the trees. It looks like blow-darts could be the projectile of choice. Did you get up early enough for MOSH doughnuts this morning? Well, four weeks down, not many to go...

BCNU,  
zee

**Lloyd**

Note: To get full enjoyment out of these songs, one should play the original and sing along with the new lyrics. This is especially true for U Can't Eat This.

**David Townsend's Lonely Hearts Club Gang**

It was twenty terms ago today,  
David Townsend taught his gang to play,  
They've been going in and out of style,  
But during KELROF they play each mile.

So may I introduce to you,  
The gang you've known for all these years,  
David Townsend's Lonely Hearts Club Gang.

**CHORUS**

It's wonderful to play here, Its certainly a thrill  
You're such a lovely audience,  
We'd like to play your library,  
We'd love to play your house.

**SEGUE**

I get by with a little help from my friends,  
A little help from my friends  
What would you do if I played out of turn,  
Would you stand up and walk out on me?  
Lend me your cards and I'll show you mine,  
And I'll try not to pass you the queen.

I take tricks with a little help from my friends,  
I shoot the moon with a little help from my friends,  
Going to try with a little help from my friends.

# The Inside World The Inside World

**U Can't Eat This**

Can't eat this  
Can't eat this  
U can't eat this  
Can't eat this  
My my my my stomach  
Hurts me so hard  
Makes me say why'm I on board?  
Hate you for cursing me  
With a meal to eat that looks like this  
Feels bad when it's going down  
A super doped rumball from the fat clown  
And he's known as such  
And this is a meal  
U can't touch  
I told you Pageboy  
Can't eat this  
Can't understand how we're living and you know  
Can't eat this  
Look at the flies man  
U can't eat this  
Yo can I trust this funky feeling  
Fresh new pots and pans  
you gotta like that  
and you know you wanna chance  
a move outta your seat  
and get a fly-swatter to catch this beast  
while its squirmin' hold on  
and eat a little bit  
just to see what's going on  
like that  
like that  
Pull a little bit and you see its mostly fat  
Let em know that it's too much  
and this is the meat  
U can't eat  
Yo I told you  
U can't eat this  
How're you standing there man?  
U can't eat this  
Yo sound the bell dinner's on sucker  
Can't eat this  
Give me a sandwich or soup  
'Cause what Gary is givin them is making 'em puke  
Now, they feel you talk about the  
Hindoyan you talking about a meal that's hyped but trite  
eating just rolls is a dinner that bites  
this is a chance to learn  
What medicine to take when your heart starts to burn  
Quick drink up  
Either eat fast or you might as well quit  
that's word because you know  
U can't eat this  
U can't eat this  
Boil it down

Oh no  
Stop - Dinner time  
Go with the flow  
and its said if you eat this you're gonna be dead  
so shake hands with the devil  
so just a few bites, and you win a medal  
This is it for the winner  
eat this and you're gonna get thinner  
Move slide your rump over the seat 'cause you're gonna take  
a dump  
dump  
dump  
dump  
Yeahhhh  
Don't eat that  
Look man  
Can't eat this  
You better get out boy cause you know you can't  
U can't eat this  
Ring the bell, Tech's back in  
Suck it down  
Oh no  
Oh no  
---  
Oh no  
Stop - Dinner time  
Can't eat this  
Can't eat this  
Can't eat this  
Choke it down  
Oh no  
Oh no  
---  
Oh no  
Stop - Dinner time  
Every time you see him  
His gravy never thickens  
He romps on the floor and puts pork in the chicken  
Now why would I ever  
consider eating this with others making food they won't serve  
to Tech  
I've eaten around the world  
from London to the Bay  
it's better really better lot better much better  
and Gary can go and play  
Don't eat this  
U can't eat this  
U can't eat this  
Yeaaahhhh  
Can't eat this  
We outta here

most lyrics by:

J. Hagen  
S. Harris  
R. Majeed

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

**Rag Time  
on Green**  
RESALE CLOTHING  
for  
WOMEN  
1136 E. Green St. • Pasadena  
(818) 796-9924  
Wed 10-6 • Mon-Tue-Thu-Fri 10-5 • Sat 10-3

**SERVING CALTECH  
SINCE 1945**

Authorized Agents for Airlines,  
Hotels and Steamships

**H. B. BENNETT**  
The  
Finest in  
Professional Travel  
Services

(818) 795-0291  
(213) 681-7885

CAMPUS EXTENSION  
5091

**TRAVEL AGENCY**

690 E. GREEN ST.  
PASADENA  
(between El Molino & Oak Knoll)

AMERICAN SOCIETY  
OF  
**ASTA**  
TRAVEL AGENTS

**PASADENA SCI-TECH BOOKS**

INVENTORY  
REDUCTION

**SALE**

**30% OFF**

Physics, Mathematics  
Psychology, General Science  
Artificial Intelligence

**THIS FRIDAY & SATURDAY ONLY!**  
**30% OFF ALL NEW BOOKS, ALL CATEGORIES!**

**50% off all used books**

1388 E. Washington Blvd. (just west of Hill Ave.)  
(818) 794-4499 • Open Mon-Sat, 10 a.m.-5 p.m.

Ruddock

Random Notes

You tell all yo questions  
You tell me all yo lies  
You ask me for all the things to say  
Don't listen to my replies

**KIM WEST, LET RUDDOCK CHOOSE ITS OWN RA'S.**  
So Charlie (Ruddock House RA) walks up to the house dinner and says: "Hey, you know how you guys have been asking about interviewing for new RA's? Well, I finally have a reply. We went over to Kim West the other day to see about getting new RA's and suddenly found out that she hadn't mailed out notices yet."

**SHIT SHIT SHIT SHIT.**  
**KIM WEST, LET RUDDOCK CHOOSE ITS OWN RA'S.**  
Later, Charlie (present Ruddock House RA leaving Real Soon Now) is passing by the UCC rooms when he and Meghan (other present Ruddock House RA leaving Real Soon Now) both decided to stop by Jon's room.

"Hey, it's my favorite excuse for artsy events!" Charlie says. "Hey, what's this about interviewing RA's?" Jon asks.

Meghan quirks her head, nods: "I know, really odd. I mean, you guys should be interviewing for new RAs now and deciding pretty soon. You should've been receiving applications for new RAs last term. We thought she'd typed up the memo asking for new applicants already. We didn't find out until just today that it hadn't been done."

Charlie shrugs, nods. "Yeah, it just sucks doesn't it? We asked her about it awhile ago and she'd said she hadn't gotten around to it but that she would go ahead and type up the memo. But we went over today and she said it'd probably be another two weeks before she would start sending out memos asking for Ruddock RA applicants."

**KIM WEST, LET RUDDOCK CHOOSE ITS OWN RA'S.**  
Jon gets a really weird look on his face and says: "Hey, we really should start interviewing soon, so like the entire house can get in on this."

"Yeah, it would be good to do it soon or else you might end up interviewing people over the summer."

"But wouldn't that leave only a few people responsible for interviewing, rather than everyone in the house?"

"Very good Jon, any other revelations for us to know?"

**KIM WEST, LET RUDDOCK CHOOSE ITS OWN RA'S.**  
*The things you say*  
*All the things just give you away*  
*The things you say*  
*'Cuz yo unbelievable.*

Tucker walks in: "Hey what's up dude."

Charlie looks at him: "Hey, I was just in Hawaii a week ago."

"Oh really?" Tucker drops his books, throws his beer can in Jon's chair, laughs at Jon's "H.L. / YOU FUCK!"

"That was really rude," Charlie says, then shrugs. "But yeah, I had to go on this really arduous field trip to take volcanic sam-

ples above snow-line and on the beach. It was really rough, I was out in the sun all day walking around analyzing rock formations. I mean, I got so tan. I didn't know what to do. At times the complexity of the indigeneous soil samples posed a significant nuisance to the primary objective of analyzing the stratified formations of the subterranean boundary layers? Like really, ya know. I mean, it was soooooo hard."

"Oh, did you do any surfing?"  
"Oh yeah."

Jon looks up: "Was this a Institute field trip?"  
"Oh yeah, the entire geology department had to go. They made us. After the mess Colin Howell got into and after they heard what a shitty time he had taking sand samples on the beach they decided it was necessary to go in force and with more funding. I mean they made me go. I hated every minute of it. I'd rather have skied down Everest, that way I could've taught some Tibetans how to ski."

"Yeah," Jon nods, "Buddhists on Skis. Be great for Rossignol. You know, I'm on a mission from Buddha, and Buddha says SKI."

"Yeah, so where'd you surf?" Tucker's asking.  
"Oh it was on some beach."

"Any big waves, 17-20 footers?"  
"Yeah, it was really easy."

"Shit man, I wouldn't do those waves." Tucker's shaking his head.

"WHAT?!?" Charlie peers at him, scoffing. "Matt, you're the lamest excuse for a Hawaiian surfer dude I have ever seen."

"Oh, you mean you're that good?" Jon asks.  
"A little," Charlie shrugs. "I mean, Meghan and I have done 25-30 footers in our time off the coast of Peru. I've done a double flip on a windy day. Nothing really big. You know, just something to keep me from getting bored. I mean, it's really good. And every once in a while I've done a triple loop off a 35-footer."

Larry Cheng walks by, points at the door: "Hey, Buddha Surf! Be great for Stussy. You know, I'm on a mission from Buddha, and Buddha says SURF."

"Well, at least I can ski," Tucker smiles, radiating self confidence, "Betcha you never done a Diamondback on a snowboard."

"No," Charlie shakes his head, ruefully looking at the ground. "I skipped those, too easy. I always just did the Double Diamonds, since I needed some air. Sometimes on a good day, I had the chopper drop me off near a cliff. I always did best on a 2000-footer. Yeah, I needed the training to help when I taught people how to ski. I mean, the French ski team asked me for advice one time and I went ahead and told 'em how."

"Oh."

"Basically though," Charlie looks at Tucker with a shrug, "I just think you suck."

**ANYBODY WANT TO BE RUDDOCK HOUSE RA APPLY NOW AT KIM WEST'S OFFICE AND LET US KNOW NOW NOW NOW!!!!!! NOT NECESSARY TO BE AS STUDLY AS CURRENT RAS, JUST STUDLIER.**

**TALK TO CHARLES RUEBEN IN GEOLOGY OR MEGHAN MILLER AT JPL. BETTER YET, TALK TO CHARLES RUBIN AND MEGHAN MILLER IN THEIR MIGHTY SANCTIFIED PLUSH LUXURIANT ROYAL GODLY SPACIOUS HOLY ACOUSTICALLY PERFECT (LIKE THE WAY JAMES BOYK WANTS THE WORLD TO BE) HUMBLE PALACE RUDDOCK APARTMENT: "THE CLOSEST THING TO EDEN**

**AT CALTECH, WHICH IS PUTS IT BETWEEN HELL AND YOUR UNDERWEAR."**

And so I'm walking into my house  
And my mom and dad ask me what I want  
And I say a Pepsi all I want's a Pepsi  
But they wouldn't fucking give it to me  
They wouldn't fucking give it to me  
All I wanted was a fucking Pepsi

And then Kister walks up and says: "You know Jon, People are still having sex, People are still having sex, Despite parents and counselors, Despite all their warnings, People are still having sex, Lust keeps on lurking, It's been around awhile, like fashion it hasn't gone out of style."

"Kister, what are you doing in Fleming?"  
"I DON'T KNOW," Scott wails, raising his hands to the sky. I put it on the bottom of my list!"

"Oh that explains it," Tucker nods solemnly.  
"Hey, uhhhhh, you know if it'll be okay if the Inside Worlds are a week late?" Scott leans back, eyes glazed.

"Yeah sure. Whatever." Tucker shrugs.  
"Ohhhhhh. Yeah. Uhhhhh, I mean, it would reeeeeeecccaally be bad if all those Inside Worlds would pile up after the pre-fresh left."

"Oh Scott, is it okay if the Inside Worlds are really long?" Jon asks handing him a disk labelled INSIDE WORLD AND A DESPARATE ATTEMPT TO GET NEW RAS BEFORE ITS TOO LATE JUST LIKE THE TITANIC.

Scott thinks a minute, then smiles, then thinks some more. Somewhere deep inside him something breaks, grows, expands. Giant. Menacing. Dark. It explodes outward, encompassing the neural pathways of his mind in a giant ball of fervor and emotion. He is overwhelmed with feelings of anger and frustration and hatred and sorrow and pain and agony and suffering and loss over all the endless eternal hours spent down deep in the dank dungeons of the Tech editors office typing typing typing with only his compatriot Mark Lyttle (O one with the great hair, or so Monica Oei tells me). It fills him, overwhelms him, pours through the caverns of his intellectual being, a massive exploding orgy of emotion and passion, a supernova of expression engulfing the backbone of the universe and shattering his mien of control. He struggles, wrestles, fights, then unable to hold it back no longer, he fall helplessly before his own shower of emotive force, lost to the cacophony of discordant symphonies that is his emotion. It bursts out, floods forth:

"Uh, yeah, sure, it'd be okay," he says, laughing.  
A mighty fortress is our God  
A mighty bulwark against the foe  
A mighty fortress is our God  
A mighty fortress everlasting.

**WE NEED NEW RAS PLEASE PLEASE PLEASE WE NEED NEW RAS OH MY GOD WHAT ARE WE GOING TO DO WE NEED NEW RAS OR ELSE WE WILL BE LOST TO THE FORCES OF DARKNESS OH DEAR GOD HELP US WE NEED NEW RAS NOW NOW NOW NOW NOW NOW NOW WE NEED TO INTERVIEW NEW RAS. Really.**

Kim West, may we please interview applicants for new RAs?  
-Psychomongol

**CLASSIFIED ADS**

**APARTMENT / SUBLET NEEDED-**

**NEED TO SUBLET** this summer? Two SURF students seek one bedroom apt./room with kitchen, 6/15-8/25. Under \$800/month preferred, negotiable. We'll rent or pay to house-sit. Call Deborah (719) 389-7730 (after 5/8, (603) 643-4582).

**FOR RENT-**

**ROOM FOR RENT.** Great north Alhambra location. Quiet street bordering San Marino and South Pasadena. Large bedroom with private bath in townhome. Private attached garage parking. Living room, dining room, fireplace, and patio. \$500/month plus one-half the utilities. Interested? Call Karl evenings (818) 289-9149.

**FOR SALE-**

**BIG TELESCOPE**  
Coulter Optics 13.1" Odyssey 1 Dobsonian with Parks 8x50 finder, \$600. Beat six-month wait list for a new one! Plossl eyepieces also available. Mark Looper, (818) 304-0006.

**JIM'S JOURNAL MERCHANDISE**  
T-shirts, mugs, boxers. Send for free catalog. Ameriprint Features, PO Box 680, Marshall WI 53559, or call (608) 655-4248.

**HELP WANTED-**

**EARN EXTRA CASH.** Wanted, person interested in women's issues who has Mac expertise. The OWC will pay you to set our newsletter using Pagemaker. Fee is negotiable depending on experience. Call Gina Morea, x3609.

**JOB OPPORTUNITIES-**

**WANTED - TUTORS** for high school students. Good pay, flexible hours, no experience required. Major not important. For information, call (818) 577-9628.

**SERVICES-**

Do you suffer from **TYPING OVERLOAD?** Advantage Desktop Services can help! We do reports, term papers, manuscripts, résumés, charts/graphs, and more. Call today and receive 10% discount (mention ad). (818) 798-8548.

**RATES** . . . . . \$4.00 for first 30 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.

**Pasadena Computer Center**

Office Hours: Mon.-Fri. 9am-6pm, Sat. 10am-6pm  
1756 E. Colorado Blvd, Pasadena, CA 91106 Tel: (818) 568-1088 Fax: (818) 568-9132

**286-12 MHz, 40MB HD and VGA**

- \* 80286 12MHz, 0 Wait State
- \* Landmark = 16MHz
- \* 1024K Memory, Up To 4MB on Board
- \* 1.2MB & 1.44MB High Density Floppy Drive
- \* 40MB 28Msec HD & 1:1 Interleave FD/HD Ctrl
- \* AT I/O : 2 Serial/Parallel Ports
- \* 8 Expansion Slots, Real Time Clock & Calendar
- \* 101 Enhanced Keyboard
- \* Mini Tower Case & 200 Watt Power Supply
- \* 80287 Co-Processor Socket
- \* 16Bit VGA Card w/256K & 14" VGA Color Monitor

**SALE PRICE-----\$950.00**

**386SX-16MHz, 40MB HD and VGA**

- \* 80386SX 16MHz, 0 Wait State
- \* Landmark = 20MHz
- \* 1024K Memory, up to 8MB on Board
- \* 1.2 MB & 1.44MB High Density Floppy Drive
- \* 40MB 28Msec HD & 1:1 Interleave FD/HD IDE Ctrl
- \* 8 Expansion Slots, Real Time Clock & Calendar
- \* 101 Enhanced Keyboard
- \* AT I/O Card : 2Serial/Parallel Ports
- \* Mini Tower Case & 200 Watt Power Supply
- \* 80387SX Co-Processor Socket
- \* 16Bit VGA Card w/256K & 14" VGA Color Monitor

**SALE PRICE-----\$1295.00**

**Look At Our Customers From....**

- UCLA
- USC
- CALTECH
- JPL
- PARSON'S
- CITY OF LA
- CITY OF HOPE
- COUNTY OF LA
- ACCIDENTAL COLLEGE
- AMBASSADOR COLLEGE
- AME
- TICOR INSURANCE
- TL ENTERPRISES
- SUNBANK ELECTRONICS AND MORE

**386DX-25MHz, 89MB HD and SUPER VGA**

- \* 80386 25MHz, 0 Wait State
- \* Landmark = 34MHz
- \* 1024k Memory, up to 8MB on Board
- \* 1.2 MB & 1.44MB High Density Floppy Drive
- \* 89MB & 19Msec HD & 1:1 Interleave FD/HD Ctrl
- \* 8 Expansion Slots, Real Time Clock & Calendar
- \* 101 Enhanced Keyboard
- \* AT I/O Card : 2Serial/Parallel/Game Ports
- \* High Class Mini Tower Case & 230 Watt P.S. w/Digital Display
- \* 80287, 80387 & Weiteck 3167 Co-Processor Socket
- \* Super VGA Card w/512K
- \* 14" Super VGA 1024x768 Res. Moni. 0.28MM Dots

**SALE PRICE-----\$1695.00**

**6 REASONS WHY PEOPLE CHOOSE PASADENA COMPUTER CENTER OVER THE OTHERS:**

- 1: NAME BRAND COMPONENTS
- 2: UNBEATABLE PRICES
- 3: ONE YEAR PARTS & LABOR WARRANTY
- 4: DIRECT FROM FACTORY (NO MIDDLEMAN)
- 5: LIFETIME TECHNICAL SUPPORT
- 6: WE ACCEPT CUSTOM DESIGN TO FIT YOUR NEEDS

**386-33MHz, 64K CACHE 89MB HD and SUPER VGA**

- \* 80386 33MHz w/64K Cache Memory
- \* Landmark = 53MHz
- \* 4 MB Memory, up to 8MB on Board
- \* 1.2 MB & 1.44MB High Density Floppy Drive
- \* 89MB & 19Msec HD & 1:1 Interleave FD/HD Ctrl
- \* 8 Expansion Slots, Real Time Clock & Calendar
- \* 101 Enhanced Keyboard
- \* AT I/O Card : 2Serial/Parallel/Game Ports
- \* Middle Size Tower Case & 250 Watt Power Supply
- \* 80387 Co-Processor Socket
- \* Super VGA Card w/512K
- \* 14" Super VGA 1024x768 Res. Moni. 0.28MM Dots

**SALE PRICE-----\$2195.00**

**486DX-25MHz, 128 CACHE 130MB HD and SUPER VGA**

- \* 80486 25MHz w/128K On Board Cache Memory
- \* CPU Built In 8K Cache and 487 Math Co-Processor
- \* Landmark = 115MHz
- \* 4MB Memory, up to 16MB on Board
- \* 1.2 MB & 1.44MB High Density Floppy Drive
- \* 130MB Hard Drive, 17Msec
- \* 1:1 Interleave Dual FD/HD Controller
- \* 101 Enhanced Keyboard
- \* AT I/O Card : 2Serial/Parallel/Game Ports
- \* Middle Size Tower Case & 250 Watt Power Supply
- \* 1MB Super VGA Card Display 256 Color on 1024x768 Res.
- \* 14" Super VGA 1024x768 Res. Moni. 0.28MM Dots

**SALE PRICE-----\$3090.00**

**One Year Parts and Labor Warranty.**

**Quality Minds Enhance Your Business.**

Pasadena Computer Center serves for consultant, school and all business, offers Competitive Price & Quality Service. We also do Novell Networking Installation, System Integration and Database Design. Please call us at any time or visit our 3800SF showroom & Service Center. Thank you for your business.

**The News From The Y is Broomball**

The big news on campus is, of course, Bigger, Better, Boffo-Bonecruncher Broomball VI. It's back and bigger than ever at the Pasadena Ice Rink from 11:00 PM to 6:00 AM Saturday, May 18 to Sunday, May 19. We have space for two additional teams, bringing the total up to 12 and the cost is just \$30 per team. Don't forget - the deadline to sign up is Tuesday, May 14 at 5 PM at the Y. Get your team together today!

Also, coming up is the Caltech's fourth annual International Day on May 24, from 4 to 8 PM. If you want to be a part of the day's festivities come to the planning meeting from noon to 1 PM on Wednesday, May 1 at the Y.

How would you like to be part of the 16th century for a day? Feast on fine foods and drink a mug of hearty ale? Watch the Royal Procession of Queen Elizabeth I and her Royal Court? Cheer on the armored knights jousting for her majesty? Then come to the Y for discount tickets to the Renaissance Pleasure Faire. It runs every weekend until June 9.

Finally, the Y presents its Top 5 Rejected Y Slogans:  
5. We're getting a flag, so there.  
4. Have you done your double-rubs? Come to the Y to make sure.  
3. We produce the finest Vice-Presidents/Publicity Chairmen on campus.  
2. Jennifers? We got Jennifers. A nice one, too.  
And the top Rejected Y Slogan:  
1. Free food! Free food! Free food!  
So stop by the Y on the second floor of Winnett or call x6163 for more information. Oh, and Brian says "Bye."

# ASCIT

## Club Funding

Alpine Club	200
Bike Shop	50
Bodysurfing Club	100
Bridge Club	300
Caltech Christian Fellowship	700
Chemistry Club	50
Caltech Chinese S.A.	1000
Engineering Club	50
Entrepreneurship Assn.	100
Club Homeboy	120
Jam Room	750
Korean American S.A.	150
Men's Glee Club	300
Model Aviation Club	100
Newman Center	380
SEDS	600
Ski Club	100
Society of Hispanic Engineers	50
Society of Physics Students	150
Speech and Debate	50
TACIT	200
Ultimate Machine	300
Women's Glee Club	600

### Attention Entrepreneurs

Maureen Ford from the Southern California Entrepreneurship Academy will be on campus Tuesday, April 30 at 7:30 PM in room 25 of the SAC to discuss the program. They are looking for a limited number of full-time, high potential students, any major, to participate in a two-semester program, including meetings with local entrepreneurs and hands-on experience and internships. The program begins in the fall. Call the Career Development Center, x6361, for more information, or contact Maureen Ford at (213) 590-8011 or (714) 995-5180.

### Paris Airshow 1989

The Caltech AIAA Student Chapter invites the Caltech community to see the Aviation Week video of the most exciting airshow in history in room 306 Firestone at 5:00 PM on Thursday, May 2. Highlights include the Soviet Buran orbiter, Mig-29 crash, Su-27 cobra maneuver, the French Rafale and Mirage 2000, the new Chinese F-8 and the SR-71 Blackbird. Enjoy refreshments and prepare to be amazed. For more info, contact Andrew Fung at 449-4380.

# what goes on

Submit announcements for *What Goes On* 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.

### Caltech Ultimate

LAY OUT!!! The Caltech Ultimate Machine is at long last forming with hopes of participating in Ultimate tournaments throughout the Southwest. We encourage all disc-hucking undergrads to come practice with us on the north athletic fields Tuesdays and Thursdays from 4-6 PM. See ya there!!

### College Women Student Leaders

The Dean of Students Office is sponsoring one or two women undergraduate students to attend the Seventh National Conference for College Women Student Leaders May 30 - June 1, 1991 at the George Washington University in Washington, D.C. Goals for the conference include: To provide an opportunity for women student leaders to reflect on the challenges they face on their campuses and to strengthen and expand their strategies for meeting these challenges. To increase women student leaders' understanding of the factors affecting opportunities for women and the quality of their lives on campus and in the world beyond the campus. To encourage women student leaders to see their campus experiences as foundations for continuing leadership at the community, state, and federal levels. If interested, please contact the Deans' Office, 102 Parsons-Gates, before May 1, 1991.

### Broomball VI

Can you say Boffo-Bonecruncher VI? Yes, the tournament is back and bigger than ever from 11:00 PM to 6:00 AM Saturday, May 18 to Sunday, May 19 at the Pasadena Ice Rink. There is now space for 12 teams and the cost is \$30.00 per team. The deadline to sign up is Tuesday, May 14, 5:00 PM at the Caltech Y.

### Japan Film Series

A series of classic Japanese feature films will be presented by the Caltech Film Program as part of its spring 1991 series. These works will be screened on Monday nights at 7:30 PM in Baxter Lecture Hall. All the films will be introduced by Professor Robert A. Rosenstone, who will also lead post-film discussions.

April 29: *Seven Samurai* (1954) Director: Akira Kurosawa. The best known of all samurai films by the best known of Japan's directors. An acknowledged masterpiece of world film, acclaimed equally for its cinematography, action, and deep insight into the human condition.

### SIF Disbursements

The Caltech Student Investment Fund will be giving away money to clubs for the purchases of equipment. Equipment that you want to buy must be of a long term nature. If you are interested, you can obtain an application form from either our Chairman, Chris Assad (x6818) or our Treasurer, Tal Schwartz (578-9652, 228 Page House). The completed forms should be mailed to SIF, 142-58, by 5PM, May 14. Applicants will be told of the results within three weeks of this date.

### SEDS Rolls Out... to Palomar

Caltech SEDS is holding a general meeting on Tuesday, April 30 at 7:30 PM in SAC room 25. After the meeting, we will be showing a videotape of the Space Shuttle Endeavor Rollout Ceremony, which occurred last Thursday, April 25. This ceremony was not open to the public. However, reporters for our SEDS NOVA covered the event and will be at the meeting to describe it. For more information, call Philip Rosenthal at 577-4664.

On Saturday, April 27, we have a specially arranged, behind the scenes tour of Palomar Observatory. The tour is being conducted by a senior astronomy graduate student who works at Palomar. We are meeting at the Catalina III parking lot at 9:00 AM. For more information, call Irwin Horowitz at 577-1930.

### Plant and Bake Sale

The Caltech Service League will hold its annual Plant and Bake Sale on Friday, April 26 from 8 AM to 1 PM on Winnett Patio. Home-made baked goods, plants and a raffle will be available. All money goes to the Service League which helps all Caltech students. See you there.

# scholarships

### Merit Awards for 1991-92

Each year, the Scholarships and Financial Aid Committee awards a number of Merit Awards to the most academically talented of the Institute's Sophomores and Juniors, and in special circumstances, Freshmen. Merit Awards are based on outstanding scholastic achievement as demonstrated by exceptional performance in formal classes and/or in independent research, and not on financial need. Last year, the Committee recommended 41 Merit Awards of full or three-quarters tuition and six honorable mention awards of \$3000 each. The level of awards this year will be determined by the caliber of applicants. Applications are available in the Financial Aid Office at 515 S. Wilson. The deadline for submitting completed applications to the Financial Aid Office is 5:00 PM on May 3, 1991.

### Scholarship Listings

The Financial Aid Office has applications and/or information on the following scholarships. All qualified students are encouraged to apply. Our office is located at 515 S. Wilson, second floor.

The Society of Women Engineers is offering six scholarships for the 1991-92 Freshman Program and one scholarship for the Reentry Scholarship Program. Applications, including supportive material, must be postmarked by May 15, 1991.

The Planetary Society invites you to apply for the 1991 scholarships and awards. For entry details please contact the Financial Aid Office. May 1, 1991 is the deadline for completed applications to be received for both the Mars Institute Contest and College Fellowship Awards.

1991 SOCAP (Society of Consumer Affairs Professionals in Business) Scholarships are available. Applications are encouraged from students anticipating careers as consumer education, customer service, community relations, consumer economics and family financial counseling. Applications are welcome from individuals planning to work in business, academic, government or media positions. The deadline is April 30, 1991.

### Folk Dancing On Campus

The Caltech Folk Dancers invite you to come and join us for folk dancing on Tuesday nights in Dabney Hall Lounge. Dances are taught from 7:30 pm to 9:00 pm, with dancing from 9:00 until 11:30 or midnight.

### Green Hills Software Scholarship

The Green Hills Software Corporation has announced the availability of \$5,000 Computer Science Scholarships. These renewable scholarships are to be awarded to juniors and seniors with an interest or experience in computer science. Additionally, juniors selected to receive the scholarship will be offered the opportunity to receive a \$6,000 summer internship prior to their senior year. The Green Hills Scholarship is based solely on academic performance with no regard to financial need. The deadline for submitting the Green Hills Scholarship application is May 3, 1991. Applications are available at the Financial Aid Office, 515 S. Wilson, and the Deans Office, 102-31.

### Don Shepard Essay Contest

Submit your creative, LEGIBLY WRITTEN, and informative essay to the MOSH's office by May 10th so we can read about your dreams and hopes. If you're willing to work a little, you may actually win a sum of money to do them. If you don't try, you'll never know if you could have won. (You can actually win up to \$1000.) So don't miss out, take a chance on something exciting, and get away from Tech for the summer!

### Summer College Work-Study

Information and applications for 1991 summer college work-study are available in the Financial Aid Office. If you are interested, please submit the required application as soon as possible, but no later than May 31, 1991. Your entire financial aid application must be complete by May 31 to be considered. The award determinations will be announced as completed applications are reviewed. If awarded, the work-study funding will begin with the July 8th payroll period.

### Ebell of Los Angeles Scholarships

The Ebell of Los Angeles is offering undergraduate scholarships for the 1991-92 school year. The amount of the scholarship is \$3000 per year paid in monthly checks, September through June. In order to apply, students must be U.S. Citizens, L.A. County residents, have at least a 3.25 GPA, and be attending an approved college in Los Angeles County. L.A. County residence may be proven by in-school attendance. For more specific information on requirements and application materials contact the Financial Aid Office. All applications and materials are due in the Financial Aid Office by 5:00 PM May 17, 1991.

# MacFest • Winnett Lounge • Thursday, May 9 • 10 a.m. - 2 p.m.



## Enter PrizeFest.

It's quite possibly the most colossal sweepstakes in the history of academia.

(As far as we know.)



1 brand new, 1991 Nissan® NX 1600\*



5 Honda Elite™ 50E scooters



1 set of 4 passes to Club Med®, Cancun\*\*



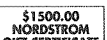
2 Backroads Bicycle Touring® trips\*\* for 2



4 Specialized® mountain bikes



25 Sony® Discman® systems



1 Nordstrom gift certificate



1 Bic® windsurfer board



2 Apple® LaserWriter® LS printers



2 Apple Macintosh® LC 2/40 color systems

This is big. Really big. With 44 winners and more than \$46,000 in prizes in Southern California, PrizeFest might well be a historic event. Even so, it's surprisingly simple to win. Just stop into your campus computer reseller and fill out an Easy Entry Form. While there, take a look at the perfect computer for students and



faculty alike—the Apple Macintosh LC 2/40 computer. It's the most affordable color Macintosh ever. More good news: You can now buy an Apple Macintosh computer every two years! So if you purchased one in 1989 and you're ready to upgrade, go right ahead. Enter PrizeFest. And enter today. With a little luck, you could come away with something that's really something.

Enter April 8-April 26

Campus Computing Organization  
Jorgensen Building 158-79, 356-4612

Check out the low cost of the Macintosh LC 2/40 color system!

\*Not including tax and license. \*\*Subject to availability. Certain date restrictions apply. NO PURCHASE NECESSARY. Void where prohibited by law. See an "Easy Entry Form" for complete contest rules and details. Sweepstakes open to students, faculty and staff at participating campuses ©1991 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, Macintosh and LaserWriter are registered trademarks of Apple Computer, Inc.

# Five of Spades Wins the Hand

by Jeff Goldsmith and Sam Dinkin

- ♠ 8
- ♥ 9853
- ♦ 97
- ♣ AT8653

Determining the East and South hands is left as an exercise for the reader.

Vul: None

West	North	East	South
2♦*	Pass	Pass	2♣
Pass	3♣	Dble	3♣
Dble	Pass	Pass	Pass
* 5♥, 11-15 HCP			

Partner hits that, so you get to play a major after all - 3♠ doubled. You lead the queen of diamonds, get the 8 from partner and declarer wins the king. She cashes the club king, the ace of hearts (where is partner's double?), and plays the ten of hearts. You play low, letting partner win the jack. He shifts to the spade jack, queen, ace. Your jack of diamonds is overtaken and partner cashes the ten and six, declarer following.

Partner leads the diamond deuce, ruffed with the six and overruffed with the 7. You've saved the seven of hearts and partner ruffs with the ten. Declarer overruffs with the king, cashes the nine of trumps and claims holding the 53 over your stiff four. "Rats! Sorry partner, next time I'll have the five of spades so that we can get them for 800."

The very next day finds you in another local duplicate against inexperienced opposition. As south, your LHO opens a weak 2♥ and partner doubles. 2NT would be lebensohl and pusillanimous, so you bid 3NT.

- ♠ A9532
  - ♥ 8
  - ♦ AQ9
  - ♣ Q965
- 
- ♠ 86
  - ♥ AJ107
  - ♦ 1042
  - ♣ K1073

The king of hearts is led to your ace. The three of clubs is covered by the jack, queen, and ace. Righty fires back the two of hearts to your jack and the queen. The three of diamonds comes next, nine, king (phew!), and four. RHO returns the spade king, six, jack (!), ace. All of a sudden, you know that THIS time that five of spades is where it belongs. They both follow to the diamonds, and you cash the clubs ending in your hand leaving:

- ♠ 953
  - ♥ -
  - ♦ -
  - ♣ 6
- 
- ♠ T
  - ♥ 96
  - ♦ J
  - ♣ -
- 
- ♠ 8
  - ♥ T7
  - ♦ -
  - ♣ K
- 
- ♠ Q74
  - ♥ -
  - ♦ -
  - ♣ 8

On the last club, left hand opponent is triple squeezed. The spade might be best if you have only the seven and not the eight of spades, but, happily, he pitches the diamond jack. The eight of spades completes the circle: your five beats the four to make the hand. "Thank you partner. That spade five was an awfully good card."

(If East lets the ten of spades hold, the ten and seven of hearts would take the last two tricks, but what fun would that be.)

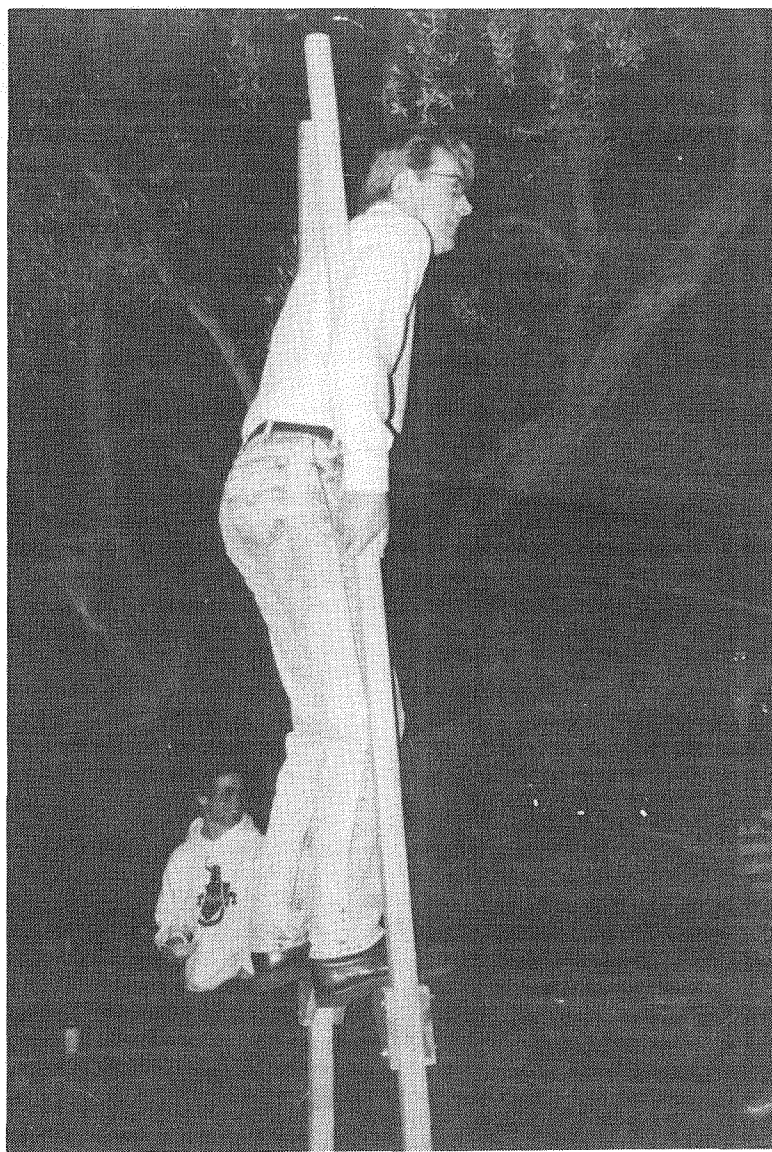


Photo by Lei Chen

Chris Brennen tries out a new tactic for guarding Bill Swanson in basketball.

Although the fastest multi-computers still cannot even solve double-dummy problems in under five hours, bridge players here at Caltech are using every card at their disposal - even the five of spades.

Playing in the local duplicate against less than stellar opposition, you get an opportunity to test your Flannery system and see whether partner can figure out your minor suit holdings. Unfortunately, 2♦ gets passed around to your right hand opponent, who happily bids 2♣. At least you get to play a major suit, but LHO comes to the rescue finding a 3♣ call.

## ASCIT Minutes

from page 2

5. **Talent Show** - Shane Sauby has come up with a budget for the show and is requesting \$750 from ASCIT. Ari and the BOD decide that this money should come out of the social budget.

6. **ASCIT Alcohol Policy** - The ASCIT BOD has decided that ASCIT will no longer fund the purchase of alcohol for Caltech social events. As three-fourths of the people paying for the drinks aren't supposed to be drinking them under the new DAPAC policy, we're wasting their money. Jason comments on how life at Tech is becoming worse and that there are too many rules now.

## Track

from page 1

crew backing up Bowden in the 1500 meters was made up of John Pham, Ellis Eckland, and Mike Ida. The three techers were easing on in down the last 100 meter straightaway of the race when a La Verne runner rocketed past them to finish ahead of all three Beavers.

John Pham finished two seconds behind the La Verne runner in 4:49, good for sixth place. Pham might not have lost had he simply kicked down the straightaway instead of turning around to check to see if anyone was pursuing him. "I had to eliminate the uncertainty," was Pham's mysterious explanation for his action.

Teammate Mike Ida was baffled. "What was he doing?!?!" was

Ida's reaction to Pham's about face on the last straightaway of the race. Ellis Eckland and the perplexed Ida finished close behind Pham in times of 4:51.1 and 4:51.3 respectively.

In the sprints, Rob Whitely showed that he has gotten quite fast, dusting teammate Brady Montz's drawers with a blistering 11.55 in the 100 meters, good for fifth place. Montz posted a respectable 11.77, finishing in eighth, with teammate Gerard Kefefian finishing one place back in 11.83.

It is a credit to the sprinting coaches Al Ross, Tony Reese, and Frank Little that Tech's sprinters have been performing at such a fantastic level this year. A real team spirit has developed among the sprinters at practices, and this spirit combined with hard work and

dedication has paid dividends in the performances of the sprinting Beavers in this year's meets.

In the 400 meter dash, Sophomore Greg Dudey finished in second place with a time of 53.4 seconds. His teammate Kurt "Geo" Storm was fourth in 56.8 seconds. In the 200 meters, Rob Whitely showed some more of that blazing speed he'd displayed earlier in the day in the 100 meter event. Whitely finished in second place, running a time of 23.44 seconds.

Gary Eastvedt won the high jump with a jump of 1.83 meters. Eastvedt, whom this reporter had earlier believed to be redshirting this year, has in fact decided to compete THIS season. Coach O'Brien feels he will be an invaluable asset in the upcoming Conference Championships.

Greg Dudey showed off the versatility which made him a decathlete in high school by competing in the pole vault in addition to his sprints for the day. Dudey won the event with a vault of 12 feet, 6 inches. Teammate Kay Miyake vaulted 12 feet flat, good for second place.

On the women's side, there were a number of notable performances by the Beavers. Jennifer Remine won the shot put with an impressive mark of 31 feet, 11 inches. Jen also threw 69 feet, 11

inches in the discus, good for sixth place. Teammate Emmeline Naranjo was without a doubt Tech's female star of the day.

Em run 17.4 seconds in the 100 meter hurdles, a good time which would have gotten her a high placing even if she hadn't been the only person running the event. Emmeline was also second in the 400 meter intermediate hurdles, running 71.4 seconds. She also finished second place in the triple jump with a jump of 30 feet, 10 inches.

The 4 by 100 meter relay squad of Emmeline Naranjo - Joan Marie Gimbel - Kitt Hodsdon - Liz Warner set a new school record of 54.11 seconds. "Be sure you get this on video tape!" was Jim O'Brien's gleeful comment just before the race.

Tech has no track meet this weekend, but will compete in the SCIAC Championships next weekend at Pomona Pitzer College. Barring any injuries to team members by biting attacks from William Glenn or spontaneous clawing assaults by Jeff Martin, the squad should be in good shape to "uncork a good one", in the words of the outspoken Coach O'Brien. His final comment going into the Championships: "Stop making excuses and start making produces!"

## WEEKLY SPORTS RESULTS

Day	Date	Sport	Opponent	Results
Sat.	Apr 20	Track	LaVerne	Men: Caltech 128, LaVerne 20 Women: Caltech 82, LaVerne 16
Sat.	Apr 20	Tennis (W)	Whittier	8-1
Sat.	Apr 20	Tennis (M)	Whittier	8-1
Mon.	Apr 22	Golf	Cal Lutheran	Cal Lutheran 456, Caltech 495
Wed.	Apr 24	Tennis (M)	Cal Lutheran	0-9
Wed.	Apr 24	Tennis (W)	Cal Lutheran	0-9

## WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri.	Apr 26	3:00 pm	Baseball	Claremont-Mudd	Claremont-Mudd
Sat.	Apr 27	11:00 am	Baseball	Claremont-Mudd (2)	Caltech
Mon.	Apr 29	7:00 am	Golf	SCIAC Championships (36 holes)	Redlands
Wed.	May 1	2:00 pm	Tennis (W)	Redlands	Redlands
Wed.	May 1	3:00 pm	Tennis (M)	Redlands	Caltech
Fri.	May 3	All Day	Tennis (W)	SCIAC Tournament	TBA
Fri.	May 3	All Day	Tennis (M)	SCIAC Tournament	Redlands
Fri.	May 3	3:00 pm	Baseball	LaVerne	LaVerne
Fri.	May 3	4:00 pm	Track	SCIAC Championships	Pomona-Pitzer
Sat.	May 4	All Day	Tennis (W)	SCIAC Tournament	TBA
Sat.	May 4	All Day	Tennis (M)	SCIAC Tournament	Redlands
Sat.	May 4	11:00 am	Baseball	LaVerne (2)	Caltech
Sat.	May 4	4:00 pm	Track	SCIAC Championships	Pomona-Pitzer



### PARIAN TRAVEL

Caltech Officially Approved

Most professional, courteous, economical and efficient service for your **official** and **personal** travel needs. Free service to you.

Airlines, Cruises, Tours, Hotels, Car Rentals. Individual, Commercial, Groups.

(818) 577-8200

468 S. Sierra Madre Boulevard, Pasadena

### SPEEDY RESEARCH

Reports: \$5.00 per page

Over 50,000 topics and clippings. Materials for research assistance use only!!

6546 Hollywood Blvd., 2nd Floor, Room 209 Los Angeles, CA 90028

Mon-Fri 10:00-6:00 • Sat 11:00-4:00

Custom Research Available

AmEx • VISA • MasterCard

Call Today! (213) 463-1257

## THE CALIFORNIA TECH

CALTECH 40-58 SAC

Pasadena, California 91125