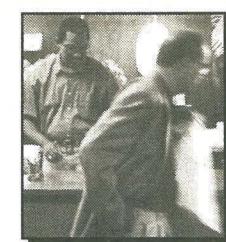
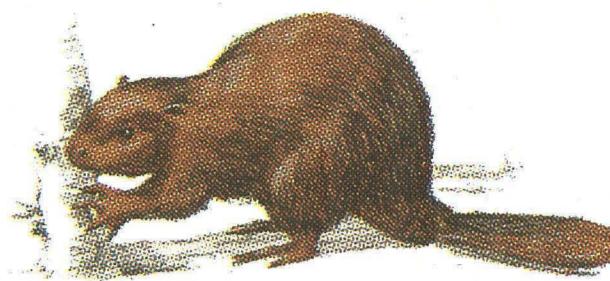


Too busy to catch the latest news? Read The Outside World

see page 3



Bookstore employees respond to the new management.

see page 2

THE CALIFORNIA TECH

VOLUME XCVII, NUMBER 27

PASADENA, CALIFORNIA

FRIDAY, MAY 17, 1996

KROQ to broadcast from Caltech

FROM PUBLIC RELATIONS

KROQ-FM's popular talk show Loveline will broadcast live from Caltech's Beckman Auditorium as part of a symposium, "Violence Against Children in the Home: Rx for Prevention," on Sunday, May 19, from 7:00 p.m. to 10:00 p.m. Admission is free, but tickets are required. An hour-long panel discussion on this important topic will precede the two-hour broadcast, which will be dedicated to questions about child abuse. The panel discussion will start at 7:00 p.m., and the broadcast, which is heard on stations across the country, will start promptly at 8:00 p.m.

Loveline, cohosted by Drew Pinsky, MD, alias "Dr. Drew," and improvisational comedian Adam Corolla, features phoned-in questions from teenagers and young adults about sex, relationships, drugs, and mental health and medical issues, including abuse. The panelists include:

- Drew Pinsky, MD, alias "Dr. Drew,"

cohost of KROQ-FM's talk show Loveline and president, Pasadena Medical Society

- Astrid Heger, MD, director of the Center for the Vulnerable Child Intervention Program at Los Angeles County/USC Medical Center
- Roy Antelyes, MD, emergency physician and chair of Huntington Memorial Hospital's suspected child abuse and neglect team, and a member of the Los Angeles County Task Force on Child Abuse
- The panel discussion and radio broadcast are being presented by the Pasadena Medical Society and cosponsored by Huntington Memorial Hospital, Las Encinas Hospital, Methodist Hospital of Southern California Medical Staff, St. Luke Medical Center, and San Gabriel Valley Medical Center and Medical Staff, in cooperation with Caltech.

Tickets are required for admission. To reserve your free tickets, call Caltech's Ticket Office at 818-395-4652, or toll free at 800-423-8849.



PHOTO COURTESY PACIFIC RECORDING AND TRADING COMPANY

Stale Urine will be performing at noon on Thursday, May 23, at noon in front of Winnett as part of the Caltech Y's Noon Concert Series. Pictured (L-R): Mike Benedetti, Heidi Hofer, Anh Vu, Alex Dunn, Michael Radford.

Aldana, Verhoff, Zhang win leadership awards

BY SUZETTE CUMMINGS

Carlos Aldana, Laura Verhoff, and Jian Zhang were awarded the Robert L. Noland Leadership Award in a dinner presentation at The Athenaeum on May 15, 1996. The Robert L. Noland Leadership Award is for outstanding Caltech students who have demonstrated exceptional leadership abilities.

Carlos, a senior in electrical engineering, received the award for his nearly four years of involvement in a wide variety of activities. While not always having a formal leadership role, Carlos has worked behind the scenes to encourage his peers. He has been involved in athletics including varsity soccer and Tang Soo Do. In addition, he has been a member of the Society of Hispanic Engineers and the Society for the Exploration and Development of Space (SEDS) where he worked on the GAMCIT gamma ray detector project. Carlos was one of the original students who founded E-Club, the entrepreneur club on campus that has become extremely popular within the last year. This club now has more than 200 members.

Laura, a senior in environmental engineering, received the award for her leadership and her service to her fellow students, particularly through



PHOTO COURTESY DEAN'S OFFICE

Laura Verhoff, left, Jian Zhang; right; and Carlos Aldana; not pictured; were this year's Noland Leadership Award winners.

her significant involvement in the Athletic Department. Since her freshman year, Laura has been involved in helping Athletics develop programs that support its students' emotional, as well as physical, needs. She was one of the original founders of the Athletic Council for Mentoring and Education (ACME). This group has been extremely successful in providing guidance for student athletes. Laura has also been active in house and was the first woman ever to serve on the Page House executive committee.

Jian, a senior in biology, received the award for her leadership and service in a wide range of campus and community activities. Last year she

was the editor-in-chief of the Big T. She has also been vice president of the premed club, a health advocate in her undergraduate house, secretary of Tau Beta Pi, and secretary of the Student Affairs Advisory Committee.

On the latter committee, she worked with her peers to improve the quality of life for undergraduates. She has also tutored her peers in various subjects and has served as a peer coach for the SURF presentations. Jian's involvement in service to the broader community has been primarily through volunteer work at Saint Luke's Hospital and a local elementary school. She also delivers hot meals to home-bound AIDS patients.

Glee Club concert tonight

BY MONICA J. HUBBARD

The Caltech Men's and Women's Glee Clubs and the Caltech Chamber Orchestra will present their Spring Concert today and Saturday at 8:00 p.m. in Dabney Lounge. Featured works on the program include Randall Thompson's "Place of the Blest" performed by the Women's Glee Club, Monica Hubbard, Director; Brahms's

"Alto Rhapsody" sung by the Men's Glee Club, Don Caldwell, Director. Allen Gross will lead the Chamber Orchestra in Saint-Saens Violin Concerto and Aaron Copland's "Appalachian Spring".

Admission is free. Get there early if you want seating — the December and March concerts had standing room only. A reception will follow both concerts.

Preliminary Election Results 1996-1997

Senior Class President: **Gretchen Larson**
Senior Class Secretary/Treasurer: **Shirley Chen**
Junior Class Secretary/Treasurer: **Katie Stofer**

Numerical results will be made public when the election is official.

IN THIS ISSUE

THE USUAL STUFF

Announcements.....	8
ARC Minutes.....	3
ASCIT Minutes.....	4
The Outside World.....	3
Trust Me.....	4
V News.....	6

THIS WEEK'S FEATURES

Course Changes.....	5
Media Guy.....	5
Elections.....	6

LETTERS TO THE EDITOR

Bookstore given no chance to debate Barnes & Noble takeover

An open letter to Ann Bussone, Director of Employee Relations

Dear Ann,

It has come to our attention there are some misunderstandings regarding the Bookstore staff and the Barnes & Noble takeover. We would like to take this opportunity to let you know what our position is.

We had no prior knowledge of the Barnes & Noble takeover. Even though we are aware that leasing arrangements occur in the college bookstore industry, we felt that the Caltech Bookstore was not a candidate for this, as we are making a profit and had been given a two year plan by Stan Borodinsky to correct problems that became apparent with the last inventory. This naturally led us to believe that no one at Caltech was considering a leasing option. There-

fore the announcement on Monday, May 6, 1996 came as a total shock to the entire staff, and is causing immense personal problems for all of us. We know that at other schools the decision to lease is made only after extensive discussions between administration, faculty and bookstore management. Normally the bookstore management is given an opportunity to present a counter proposal. Since none of this occurred here, we felt saved from such an action.

We have also heard rumors that the administration was told that we were losing money, and that specifically our office supply department was losing sales. In fact, the store is making a profit and this fiscal year our office supply sales are up an average of 7% from last year. Corroborating paperwork is available to prove this. Whether these rumors of what the administration was told are true or not, the fact remains that the bookstore was not involved in the decision-making process and was not given the opportunity to defend its position before being eliminated.

If, after careful and open

discussion of all the facts and figures with all parties involved, and after allowing the bookstore to present a counter proposal, and after receiving competing bids, the university feels that leasing is the best option, then the bookstore staff would be saddened, but would understand the necessity of the business decision. However, in this case we do not feel that the decision was reached in a responsible manner.

Therefore, we protest the decision to lease without being allowed to defend ourselves, and state that we had no prior knowledge of this action, and in fact were deliberately led to believe that leasing was not being considered at Caltech.

LINWOOD TABATA
SYLVIA FORD
CINDY HANSEN
JOYCE ROBERTS
ANGELICA HERNANDEZ
GREG MILLER
SANDRA PELAEZ
LAURA FRAER
ADRIAN FOUSHÉE
COLIN CUELLAR
ANDREAS FEUERABENDT

Olive Walk trees sprayed at an inconvenient hour

Dear Editor,

They are at it again. On Wednesday (May 15), the trees on the Olive Walk were sprayed. All of us walking to 9:00 a.m. class had the opportunity to experience a pervasion of wonderfully noxious fumes. I am amazed that the time chosen for spraying conflicts with a time when the Olive Walk will be heavily populated. I first heard about this via an e-mail message. This should have been far more publicized than it has been. Additionally, it seems that the complaints I voiced last year were completely disregarded. The contents of the spray should be made readily accessible. Moreover, there should be early warnings concerning campus sprayings. Lastly, it should be done when fewer people need to interact directly with the spray. It could be done in the fall while many people are at Frosh camp. It could be done

on a Sunday morning when most people are asleep. It could be done during the summer when fewer students are around. (Even better, one could combine these suggestions and do the campus spraying on a Sunday morning during the summer!)

MASON PORTER

Please send submissions for Letters to the Editor to :

The California Tech
Caltech 40-58
Pasadena, CA 91125

or by electronic mail to:

editors@tech.caltech.edu

Deadline for submissions is Monday at 5 p.m. on the week of publication.

Submissions must include the author's name, and phone number or e-mail address. All Letters to the Editor must be signed.

The editors reserve the right to edit or refuse to print any letter for any reason.

CORRECTION

The 180 & 188 Catalina spaces are going to Property Management, not to graduate student housing. While graduate students do reside in Property Management operated units, they are not exclusive to graduate students.

The Entrepreneur Club invites you to attend...

Technology and Entrepreneurship

Presented by
Charles Trimble, President and CEO
Trimble Navigation

Date: Thursday, May 23
Time: 5:00 PM
Location: 102 Steele

Refreshments will be served!

AlliedSignal Corporation Special Grants Program at Caltech

Purpose: To provide grants to student organizations that support the educational research, public service programs, and other pertinent activities at Caltech.

Funds Available: \$7,000; program target is 3 - 5 grants of up to \$2,500.

PROPOSAL SUBMISSION DEADLINE
MAY 28

For more information on the program and submission process, please contact
Barbara Green, Associate Dean, at x6351 or
Kevin Doody, Acting Director of Corporate Relations, at x6373

*Callech Men's & Women's Glee Clubs
Caltech Chamber Orchestra*

present

SPRING CONCERT

featuring

Johannes Brahms' *Alto Rhapsody*
Aaron Copland's *Appalachian Spring*
Camille Saint-Saens' *Violin Concerto*
Randall Thompson's *Place of the Blest*

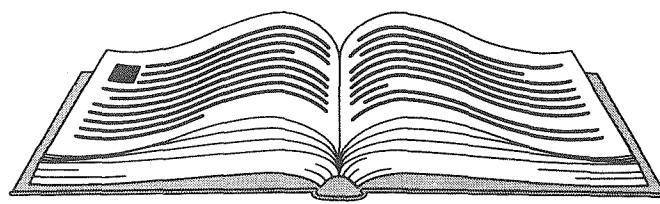
Two Performances Only

Friday and Saturday, May 17 & 18 at 8:00 p.m.

Dabney Lounge, Caltech

Limited seating so come early!
Reception following concert

ARC Minutes



MAY 5 & 12, 1996

May 12, 1996

On hand for the festivities: Casey Huang, Niniane Wang, Jonathan Little, Jeffrey Miller, Kohl Gill, Katie Stofer, Joe Renes, and myself.

The meeting started at about 2:15 p.m.

- We postponed choosing new ARC Reps-at-Large until the next meeting (since it was pointed out that the signup sheet was vague on when the statements were due). We will make our decisions next meeting, so statements are due this Friday, May 17, at midnight (e-mail them to me, *kshek@cco*).
- The ARC hotline is not up yet, but will hopefully be up soon. It will be an account for students to e-mail us suggestions, comments, and complaints about classes or whatever. As always, of course, your house ARC reps can serve this purpose, too.
- Check out the article on

page 5 which describes class changes that will be in next year's catalog.

- Your house ARC reps will be soliciting interest on classes you are interested in seeing taught at Caltech. Look for that.
- Your house ARC reps will also be soliciting your opinions soon on candidates for ASCIT teaching awards, which go to exemplary professors and TA's.

The meeting ended at 3:30 p.m.

May 5, 1996

Present: Jeff Miller, Katie Stofer, Jonathan Little, Jennifer Miller, Niniane Wang, Joe Renes, Andrew Huntington, Kohl Gill, and myself.

The meeting began at 2:15 p.m.

- The house ARC reps were given information to give to the members of their house. Here is the rundown of what you should already have been told (if you haven't, let me know...we have ways of dealing with ARC reps who don't comply).
- Bi 115: The textbook for this class costs 300 freakin' dollars. We know that's a lot of money. The bookstore will accept returns on this book until May 17. It is advised that you return the book if you don't think you will need it (of course there is the option of seeing a friend of mine named Kinko who can get you a very similar version of the parts of the book you need for the class for about \$25).
- Spanish: We will finally

have a Spanish class. Both Elementary and Intermediate Spanish will be offered as full year courses next year, Elementary Spanish for 10 units (3-1-6) and Intermediate Spanish for 9 units (3-0-6).

- ARC Line: We will soon have an e-mail account on cco for students to e-mail us suggestions, comments, & complaints about any facet of academics and research life here at Caltech. The e-mail address will most likely be *arc@cco*...real original, I know. By the way, if you have anything to say about the CLUE (comments, suggestions, complaints, etc...) send them to *clue@cco*.
- Reps-at-Large: The signup sheet is up on Winnett and will come down Friday May 10th. Interested candidates should sign up on the sheet and e-mail *kshek@cco* a 100-200 word statement detailing your reasons for wanting to be an ARC Rep-at-Large and what prior experience you have. Note: Prior experience is by no means a prerequisite...we are just curious about your previous involvements. The most important requirement is the will to work. For information about what the job entails, please see your house ARC rep.

- Core Courses: Many of you may not know this, but there is a one year time limit on core courses. You have to take your freshman core (i.e. Chem 1, Chem3a, Math 1, and Phys 1) before your junior year, or you will not be allowed to register until you add the class(es). Similarly, sophomore core courses must be taken before your senior year.

The meeting ended at 4:30 p.m.

Kiran Shekar
ARC Secretary

P.S. Write those CLUE reviews!

THE CALIFORNIA TECH

Caltech 40-58 SAC, Pasadena, CA 91125
phone: (818) 395-6153
e-mail: editors@tech.caltech.edu
advertising: adv@tech.caltech.edu
ISSN 0008-1582

VOLUME XCVII, NUMBER 27
MAY 17, 1996

EDITORS
Shay Chinn
Samantha Gizerian
Autumn Looijen

PHOTOGRAPHER
Shay Chinn

STAFF WRITERS

Mason Porter
Myfanwy Callahan
Samson Timoner
Jim Cheng
Laura Verhoff

FEATURE WRITERS

Adam Villani
Keith Counsell
Art Clarke
The Technogeeks
Wei-Hwa Huang

CONTRIBUTORS

Johnathan Little
Grace Yang
Donna Ebenstein

INSIDE WORLD EDITOR

Jim Pierce

BUSINESS MANAGER

Heidi Eldenburg

ADVISER

Hall Daily

Published weekly except during vacation and examination periods by the 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. Letters to the Editor must be signed. Submit copy (preferably on Macintosh 3.5" disk) to the Tech mailbox outside SAC room 40, or e-mail to *editors@tech.caltech.edu*. The editors reserve the right to edit and abridge all submissions for literacy, expediency, etc. All articles are the property of the authors. Authors and columnists retain all intellectual property rights. Articles received in Bin-Hex format will not be accepted.

Letters to the Editor must be submitted by 5 p.m. the Monday before publication. Events and Notices listings must be submitted by 5 p.m. Tuesday. Unsolicited articles must be submitted by 5 p.m. Tuesday. News articles must be submitted by noon Wednesday.

The California Tech is distributed free. Issues will be mailed off-campus upon receipt of \$11 per year to cover third-class postage and preparation costs. Printed by News-Type Service, Glendale.

EGG DONORS WANTED

DO YOU WANT TO HELP A CHILDLESS COUPLE IN A SPECIAL WAY?

Professional Couple (college professor and husband) with great dog seek someone who will help them have the child they have always wanted. If you are: of Western/Northern European background and 5'5" or less, please call Myrna at California Fertility Associates, 310-829-6782.

Very generous compensation provided (\$3,000)

SUMMER WORK-STUDY APPLICATIONS NOW AVAILABLE

Information and applications for 1996 Summer Work-Study are available in the Financial Aid Office. If you are interested in Summer Work-Study, please submit the required application as soon as possible, but no later than June 3, 1996. Your entire financial aid application must be complete by June 3 to be considered. If awarded, the work-study funding will begin with the July 7th payroll period.

Afrique, Ivory Coast—Ghana has accepted 3500 refugees from Liberia that came on a Nigerian freighter. The Ivory Coast had refused to give them asylum, and Ghana tried to chase the boat away twice, but took in the refugees after increased international concern about the refugees. The boat was taking on water and the passengers were extremely low on fresh food and water.

The Outside World

by Myfanwy Callahan

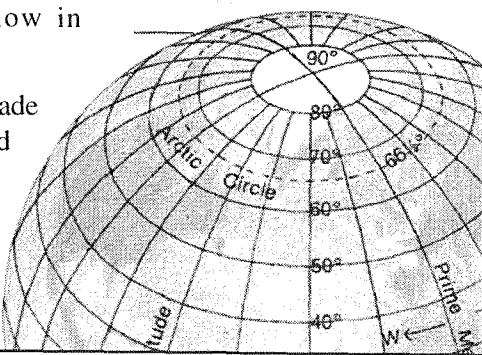
ABIDJAN, IVORY COAST—

Ghana has accepted 3500 refugees from Liberia that came on a Nigerian freighter. The Ivory Coast had refused to give them asylum, and Ghana tried to chase the boat away twice, but took in the refugees after increased international concern about the refugees. The boat was taking on water and the passengers were extremely low on fresh food and water.

KATMANDU, NEPAL—A blizzard, which swept over Mount Everest last weekend, led to the death of at least eight climbers. A helicopter rescue pilot said the peak looked clear of climbers. The last came down to base camp Wednesday.

RAMPUR, BANGLADESH—A tornado that hit Bangladesh on Monday killed at least 443 people, injured over 32,000, and destroyed 80 villages in the Tangail district. The reports initially underestimated the damage, so emergency help was unfortunately slow in coming.

SHANGHAI, CHINA—A trade war between the United States and China looks more likely, after two days of talks ended without resolving the issue of pirating



LAEMMLE THEATRES

ESQUIRE

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

COLORADO

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

Claude Sautet's

Nelly and Monsieur Arnaud

Daily 4:30, 7:00, 9:30 p.m.

Sat-Sun Bargain Matinee 2:00 p.m.

Daily 5:00, 7:30, 9:55 p.m.

Sat-Sun Bargain Matinee 2:30 p.m.

Flirting with Disaster

From The Friendliest Box Store in Town

Packing -- Shipping -- Anywhere
and . . .

The Lowest Prices on Boxes & Packing Materials

UPS & FedEx Shipping

WOW! A 10% DISCOUNT
With This Ad

BOX CITY

"OVER 2,000 SIZES"

2650 E. Colorado Blvd. (Across From Denny's)
Pasadena, CA 91107
(818) 432-1678



Trust Me...

by Keith Counsell

Hello, loyal reader. As you can probably tell, my imagination is proving to be considerably less fertile than is good for you, the Tech, and my odds of passing this particular class. If you'd like to help everyone out, send your suggestions for article topics to keithc@cco, call me at x1516, or, if you feel really wacky, mail them to MSC 196.

This week's topic: What I really learned at Caltech.

OK, everyone comes here to learn about Science, and everyone does. After years of filling my porous little brain with all kinds of facts, figures, formulae, and filth, I've come to the conclusion that it pretty much doesn't matter. So here's some of what I feel is the really important stuff that I've picked up during my stay here.

Hygiene is important.

While this should be fairly obvious, I'm constantly amazed by how many of my supposedly brilliant peers seem completely oblivious to this simple fact. I admit that as a kid I was pretty lax about the whole bathing thing. It was *such* a pain in the butt to have to interrupt my busy evening of crawling around in the dirt and muck to get clean. I guess if you've read "Calvin and Hobbes" you know the drill. Luckily, I got over this little hangup.

Here at Caltech, where you are likely to spend lots of time with the same people day in and day out, you'd think it would be immediately clear that it's better for all concerned when you don't stink. For other people, it's great not to have to smell your reeking scent from across the hall. For you, it's a big social plus. Unless they *really* suck, people will usually at least speak to clean people, even if they look like freaks.

Alcohol is good.

There are a few caveats to that, of course. For one thing, I would certainly never advocate under-age drinking¹, since that would be a violation of DAPAC, for which I have nothing but the utmost respect². You should also keep in mind that alcohol isn't a great solution for all of life's problems. On the other hand,

sometimes it is a pretty good approximation.

•••••

*Unless they really suck,
people will usually at
least speak to clean
people, even if they look
like freaks.*

•••••

Maybe it's just me, but I find that while I enjoy the company of more Techers than the people I knew in high-school, I also have a harder time making close friends here. There's all kinds of possible explanations for why this is true, but I'll just gloss over them for the time being. Turning to people whose job it is to help me out, like RAs and the people at the Counseling Center (which, incidentally, is not named after me or any of my relatives), doesn't usually work out all that well. There's something about the professionalism of it that makes me hesitant to fess up to what's bothering me, although it makes things pretty helpful at first.

Anyway, I'm sure you're wondering what that has to do with booze. Naturally, if you don't have close friends you feel you can talk to about your problems and you don't want to deal with someone else, you look around for other solutions. Alcohol isn't a good one, as I mentioned before, but it did help me through some otherwise intolerable times. Although this probably violates all of the rules of good journalism, I'd like to take this opportunity to quote the late Sam Kinison, who said, "Every once in a while you've got to think about the woman who

broke your heart and go, 'Oh, make that two fifths of Jack Daniels!'" Jack and I were real close friends for a while....

Anyway, the upshot of my experiences with this is that I think the effects of alcohol are way underrated by American culture. It helps you relax: I can only begin to imagine the damage I would have caused certain members of my house if I hadn't been in a drunken stupor when they did something exceptionally stupid. It helps to remove your problems from the top slot in your mind, if only temporarily and in a relatively self-destructive manner. Conveniently, this leads to my next important lesson.

Vomit is bad — usually.

You are no doubt thinking that this is fairly obvious. Well, sure. Throwing up is, typically, an unpleasant experience. In fact, the only times in which I have found vomiting to be a fairly rewarding experience have been after I have been what could be termed, technically, way too f---ed up. In those situations, it's a cleansing experience. Lacking any religious conviction of significance, I can only imagine that purging yourself of an excess of alcohol is akin to being touched by the hand of God.

Being sick, *really* ill, is at the other extreme. Few things are less exciting than spending a sunny weekend hunched over the toilet praying for the stream of bile coming from your mouth (and if you're really bad, your nose) will end. However, there's another up side to vomit which I assume most of you are familiar with: It's funny. Think of all the wonderful expressions you've heard for throwing up. It would be a waste of space to go through the whole list, but just in case you haven't been exposed to it I will mention my favorite, "technicolor yawn." "Whistling beef" is a close second, although that perhaps has some sexual overtones depending on how perverse (or drunk) you are.

¹ This is a blatant lie.

² Oh look, another one.

A.S.C.I.T.

Minutes

MAY 13, 1996

Present: Dave R., Maria, Dave B., Grace, Alexis, Emily, Kohl, Gavin, Melissa

Meeting starts at 10:07 p.m.

- Melissa wanted to encourage the everyone to go to the open forum on the diversity at Caltech, sponsored by the Multicultural Taskforce.

Officers' reports were given.

- Alexis has been handing the new copier account numbers in to Graphic Arts. If you have submitted a copier account request form, try your account number (your SSN without the first digit) before you bug her about it again. Do not expect a written confirmation because it would be a waste of paper.

- Emily has been working on transportation and seating arrangements for the formal. If you need transportation to Marina Del Rey, contact Emily at enuky@cco. Also, if you would like to make her life easier, hand in a seating plan for groups of ten people. This way, she won't have to think to hard.

- Kohl says that last week's and this week's ARC minutes will be printed in this edition of the *Tech*. Representatives at Large have not been appointed yet because not everyone who was interested got a chance to submit their statements. Talk to ARC Reps about Caltech Teaching Awards.

- Dave B. and the IHC will be holding interviews for the Student-Faculty Committees soon.

- Maria says nothing exciting is going on, well at least nothing she can share.

- Grace has pulled down all the signups, *except* for the Big T Business Manager. The one signup will remain posted till Wednesday of next week. SIGN UP!!! Interviews for the appointed offices will most likely be held Monday 10 p.m. and Wednesday 10 p.m. Those who have signed up will be notified.

- Dave R. says that Lori has contacted him with a budget for the Taiwanese breakfast. She is asking for \$30. ASCIT gave the Taiwanese Students' Association \$30, 6-0-0.

Meeting closed at 10:40 p.m.

Respectfully submitted,
Grace Yang
ASCIT Secretary

STOP!!! PAYING HIGH PRICES FOR YOUR BOXES,PACKAGING & SHIPPING

BOX BROTHERS

324 East Broadway, Glendale

WE CARRY A FULL LINE OF BOXES PACKAGING AND SHIPPING SUPPLIES AT THE LOWEST PRICES GUARANTEED!!!

FREE PICKUP, FREE DELIVERY * ANYWHERE
818-247-4600 GLENDALE

E-MAIL GOODS@GREENHEART.COM

818-395-7700 PASADENA

200 LB MINIMUM/100\$ SUPPLIES

--10% OFF WITH CAL TECH ID

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

SEEKING Asian Egg Donors

Help an infertile couple
\$ \$ Rewarding \$ \$
Financially
and
Emotionally

call: (800) 373-9525 SPS

'96-'97 Course Changes

BY KIRAN SHEKAR AND KOHL GILL

This is a list of changes of undergraduate courses to go into the 1996-97 catalog. This list covers most of the classes that have been approved by the Faculty Board Committee this year. They will be looking at another huge batch before year's end.

ChE

Deleted:
ChE 104
ChE 151

Added:
ChE 152 Heterogeneous Kinetics and Reaction Engineering (3-0-6) 1st term. Prereq: Ch E 64

Changed:
ChE 110 change units: 12 -> 9 units
They assured us of a corresponding reduction in workload.

Ch

Changed:
Ch 3b Added to option requirement
Ch 140 Prereq: APH 9

E&AS

Deleted:
AM 96 & 97

Added:
CS 141 Distributed Computation Laboratory (3-3-3) full year Prereq: CS 20 or equiv. Offered alternate years. Instructor: Chandy

CS/CNS/EE 156 ab Learning Systems (3-0-6) 1st & 2nd terms Prereq: Ma 2 & CS 2. Instructor: Abu-Mostafa

AM 66 Vibration (3-0-6) 3rd term. Prereq: AM 35, Ma 2

Changed:
EE153/154 Material from both courses combined into new 153 Microwave Circuits and Antennas (3-2-7) 3rd term offered alternate years
not offered 96-97
Instructor: Rutledge

CNS/Ph 175
Prereq: Ph 12 and programming skills

EE 14 Replaced by EE 20ab (3 terms -> 2 terms) Corresponding change in EE option req.

CS/Ma 6 Change in course description AM 35 Change in course description ME/CE 96 Prereq: ME 18ab & AM 35ab. Minor change in description, 6 or 9 units Instructor: Hunt

Bi

Deleted:
Bi 7

Added:
Bi 80 Senior Thesis Seminar (3-0-0) 1st term Coreq: Bi 90. Instructor: Revel, Schuman

Changed:
Bi 10 Units (0-4-2) -> (1-3-2)

Minor change in description
Bi 11 Prereq: now Bi 1 or Bi 9

Bi 123 Units (0-4-2)-> (0-6-3)

Minor change in description

Bi 90 Coreq: Bi 80

H&SS

Deleted:
H 112, 114, 115, 118, 132, 135, 149, Lit 146ab PI 190

Added:
H 120 Europe and Asia, 1500-1900* (3-0-6) Instructor: Fay

H/Hum 130ab Cinema and Society* (2-2-5) Instructor: Rosenstone

H 140 History of LA* (3-0-6) Instructor: Deverell, Flammung

H 141 History of 20th Cent. American City* (3-0-6) Instructor: Deverell

H 142 History of California* (3-0-6) Instructor: Deverell

H 143 Western Environmental History* (3-0-6) Instructor: Deverell

H 144 Topics in the History of American Immigration* (3-0-6) Instructor: Deverell, Flammung

H 150ab African American History* (3-0-6) Instructor: Flammung

Hum 5ab Enlightenment to Revolution: History, Thought, Culture (3-0-6)

L/Lit 162 Latin American Literature in Translation (3-0-6)

Lit 147 American Assimilation Narratives* (3-0-6) Instructor: Jurca

SES/H/Lit128 British Science Fiction* (3-0-6) Instructor: Winter

Changed:

Ec 155 Minor change in description

PS/SS 125 Minor change in description

L 105 Now advanced Hum credit

L/Lit 160 Minor change in description

PMA

Changed:

see CNS/Ph 175

see Ma/CS 6

ADAM VILLANI: MEDIA GUY

BY ADAM VILLANI

Institute Benjamenta or This Dream People Call Human Life

This is one of the strangest movies I have ever seen. It's beyond *Tetsuo: The Iron Man* and perhaps in the same league as *Eraserhead*. *Institute Benjamenta*, the first live-action feature from animators The Brothers Quay, tells the story of a young man enrolled in a school for domestic servants whose coursework consists of the endless repetition of a single lesson. It's based on the writings of Robert Walser, a German from the early 20th century who inspired Kafka, and aside from the soundtrack, the film has the look and feel of something they might have dug up from 1917 to show as a double feature with *The Cabinet of Dr. Caligari*. Watching this movie is like watching a movie while half asleep; the disjoint narrative seems to be connected by images taken from the scenery transformed into something new as one's mind drifts in and out of consciousness. If weird movies turn you off, do not see this movie. But I assure you that while it may not make any sense, the visuals in this movie will be like no others you see this year. *Institute Benjamenta* played last weekend at the Nuart; it may show up elsewhere.

People Magazine's "50 Most Beautiful People in the World"

The idea of compiling such a list is absurd in itself, but the collection of celebrities *People* magazine has come up with, complete with assurance that "charisma counts as much as comeliness," defies any logical explanations. They seem to have begun by naming a few supermodels (who, in general, have about as much charisma as a box of rocks), compiled a list of anyone who's appeared in the magazine in the past year, and then, after removing anyone downright ugly, drawn names out of a hat. How else can you explain the inclusion of the likes of David Duchovny and Brooke Shields? A few of the entries have both looks and personality—Mira Sorvino, Ashley Judd, and Mel Gibson are all good choices. Then there are the simply goofy people who made the cut—etiquette guru Martha Stewart, zookeeper Jack Hanna, and (my favorite) "America's Most Wanted" host John Walsh in a leather jacket, who all mysteriously beat out former "Sexiest Men Alive" Sean Connery and Patrick Stewart. Curiously enough, nearly all of the Most Beautiful People in the World are American. Maybe we use our disposable income on skin creams.

Radio Station Y-107

In case KROQ is playing a commercial, you can easily move the knob over a little to pick up this near-clone in most of Southern California. Launched a month or so ago, this station is pretty much KROQ without the DJs. I'll leave it up to you to decide if that's a good or bad thing. Actually, I think Y-107's mix of older songs that they stick inbetween the likes of Bush and Candlebox may be somewhat better than the ROQ's, but this may not hold with repeated listening. At least these guys have the honesty to call themselves "modern rock," a much more accurate and less grating term than "alternative."

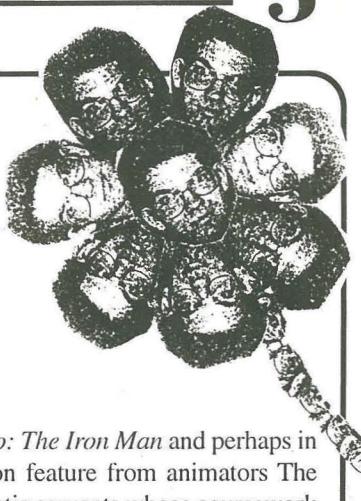
A Sleazy Ad

This week's sleazy ad can be found on the back cover of the LA Weekly. Check out that kid's shorts.

More Recommended Movies

These movies are a little old, so I won't waste too much space, but they may still be playing in a few places (check out my guide to cheap theatres in the *little t*) or be showing up on video in a few months. I recommend all of these.

SEE THE HEAD ON PAGE 7



msn.
The Microsoft Network

What's your start page?

my start page is
all that
and a bag'a chips.

Is that a good thing? Maybe we ought to
rephrase the question: What do you use to
launch your online adventures? If you had
MSN's Custom Start Page, all the stuff you
like best and all the things you need most
would be right there, right in front of you.
Web links and search engines, headline
news, movie previews—even comic strips.
You pick what you want and forget the rest.
www.msn.com. It's all that and, uh...more.

www.msn.com/tech.htm

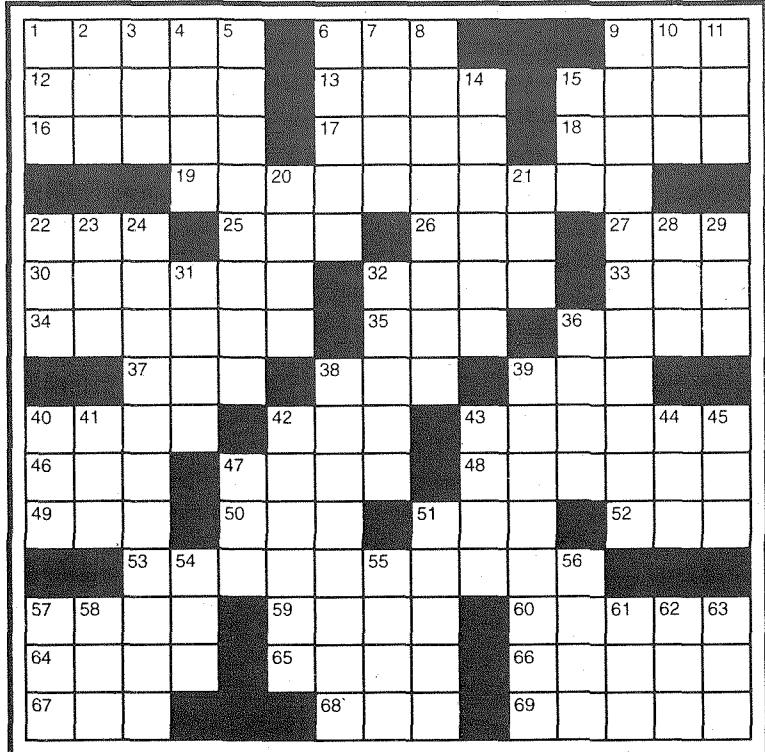
Our cool site is your Custom Start Page.



by Braden D. Honsinger

CROSSWORD

by Wei-Hwa Huang



ACROSS

- With 69-Across, what you should listen to every night
- Soak up
- Tory toilet?
- Inaccuracy of 53-across, probably
- Do-it-all logic gates
- Satiate
- The Tin Woodman's target? (2 wds.)
- Biblical brother
- Goldilocks, when found
- With 53-across, where you can get 1-across
- Flic tic

- Gave food to
- Lethal insecticide
- "Cool, Dude!"
- Brave new world?
- Action
- Mahal
- More gloomy
- Made an egg
- Humbug prefixes
- Actor Beatty
- Pea place
- Scratch
- Mr. Murase the Mole
- Middle East "party"
- Gaudy
- Something to grind
- Tie in

- Comprehension
- Phoenician capital
- Writable memory
- This st.
- Bill the science guy
- See 19-across
- When a door is not a door
- Town in Indiana
- Grow turgid
- Wesley in "The Princess Bride"
- A frosh, for example
- A bird's thumb
- For 40-down
- CGS joule
- See 1-across

DOWN

- Prefix for at or mach
- AM units
- Ren's sound
- Bring in the horses
- Checked
- Bullock's block-bus-ter?
- Beer kiln
- Make like a possum
- Jarah Evslin, maybe?
- Mexican rah
- Black Joe
- The day after tomorrow
- Aficionado
- Come closer
- Cousin Addams
- Warcraft 2 scenario file
- Judge Lance
- Vicki, to Carol
- Scream of pain
- Rulers of 1-across
- D. Relyea's job
- Greatest integer function
- The other Simpson
- Early blossomer (2 wds.)
- Long brown donut
- See 67-across
- Caltech's "sister" school?
- Mercury, for example
- Hindi gum
- Up in the air
- Haw's predecessor
- Where some Techers go
- Jim the frosh
- Ending for pill or alleg
- Level
- Ms. Fitzgerald
- Make a scene?
- Alai
- Libyan lute
- Aladdin's disguise
- The way

SPOT
Communications
Unlimited SLIP/PPP Access!
\$14.95/month, No set up fees!!
GET YOUR SPOT ON THE WEB!

260 S. Los Robles Ave., Suite 307

Pasadena, CA 91101

CALL! (888) My-Online

Telnet: spotcom.com

WWW: http://www.spotcom.com

The Men's Wearhouse

Designer tailored menswear at
20 to 40% below
department store prices

10% OFF for Caltech students, faculty and
staff with **Caltech ID**

All major credit cards accepted
Layaway available

412 South Lake Avenue

(818) 395 - 7422

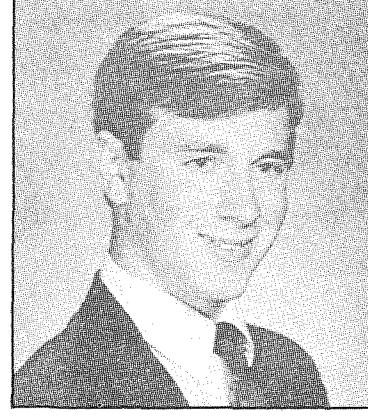
Take a break before coming back next term — spend a week this summer hiking in the Sequoia National Forest with this year's Y Hike. The Y Hike is a great opportunity to relax before coming back to school, and it's also a good time to meet next year's freshman. This year's Y Hike will be from September 14 through September 24, two weeks before the term starts and one week before Frosh Camp. If you want to go, stop by the Y and pick up an application soon — the Hike usually fills up fast. Talk to Chris Sundberg (x6163, sundberg@starbase1) or Mike Rhoads (mikerds@cco) for more information. Pick up your application today!

OOPS!

Due to a mechanical failure, the Tech never received Phil Rodriguez's statement for Junior Class President. Both statements are being reprinted, and the election for Junior Class President will be held Monday, May 20.

JUNIOR CLASS PRESIDENT

The officers for the junior class shall be responsible for organizing a Freshman-Sophomore Event during the first term of each academic year. They shall also be responsible for obtaining a speaker for their class's commencement exercises.

Michael Shumway

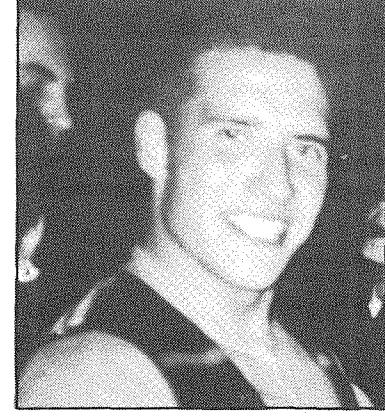
My Fellow Juniors in 1996-1997,

My name is Michael Shumway and I am asking for your vote in the upcoming election for Junior Class President. In the following I would like to inform you of the responsibilities of the office and some of my qualifications for the position.

There are two main duties of the Junior Class President. The first is to organize a Freshman-Sophomore event. I plan on getting input from these classes to put on an event that promotes both class participation and class interaction. I feel capable in taking on this task since in High School I was given the responsibility of planning, developing, and conducting an entire weekend activity for over 650 people. This was the first time that the complete program was handled by a student. The dedication and organization that I have gained will definitely help in the handling of this interclass event.

The second role of the Junior Class President is to serve on the commencement committee. This entails determining the structure of the commencement ceremony, the activities during commencement week, and most importantly for our class - helping find a commencement speaker for our own graduation. I believe I can fill the office of Junior Class President because I am willing to listen and gather input from the class, and promote the class's best interests. I have served as Fleming House Secretary and UCC this year and I am a devoted, hard worker who can easily get along with others and work to accomplish the goals set.

Thank you for your consideration,
Michael Shumway (Class of 1998)

Phil Rodriguez

President. Phil. They both start with a "P." Coincidence? I think not.

In other words, when it comes to Junior Class President, Phil Rodriguez is the one you want for the job. Not only have I had much leadership experience, but I am also a hard-worker, have a lot of good ideas for the -frosh-sophomore event next year, and can do a back 1 1/2 pike off the one meter springboard. Also, my sister Lisa Rodriguez made dance team back in San Antonio (just thought I'd get that into the papers!).

But seriously, If Mudeo is what you want, then I'll make sure the best dang Mudeo is what you get ... muddy people and all. If that's not your style ... I'm open to suggestions. We could try a casino night, field day competition, sun-worshipers bake-off, American Bandstand dance-off ... I'm just full of ... um ... ideas! Yeah, ideas!

As for getting a commencement speaker, I will hustle to get one that will make our graduation memorable and fun. In order to do this, I will ask around to find out who we think the speaker should be ... what areas are we interested in, etc.

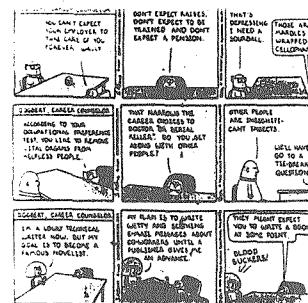
If elected, not only will I work hard at an awesome speaker, but I would also like to get a lot of input from the class that would make people want to come to the frosh-soph event and have a good time, and yes, I think it is possible. So for a good time, vote phil . . . um . er . . . you know what I mean. Vote Phil Rodriguez for Junior Class President!

And now, some poetry by my campaign manager, Alexis Johnson

Roses are red
Violets are blue
Vote for Phil and
Alexis will give you money!*

*Money clause: (see Alexis Campaign)

DILBERT © by Scott Adams

**Mariah R. Gomez-Falcon Ph.D.**
Licensed Psychologist

Specializing in Women's Issues and
Cross-Cultural Mental Health

THE HEALING TREE
905 S. Lake St., Suite 201
Burbank, CA 91502

CA No. 14147
FLA No. PY0005280

(818) 848-5653

**London
\$265***

FRANKFURT	\$265*
AMSTERDAM	\$288*
PARIS	\$290*
ATHENS	\$449*
NEW YORK	\$159*

*Fares are each way from Los Angeles based on a roundtrip purchase. Fares do not include federal taxes or FFC's ranging between \$3 and \$45, depending on destination. Fares are subject to change without notice. Call for fares to other world-wide destinations. CST# 100880-50

OPEN SATURDAYS 10 AM - 2 PM

Council Travel

10904 Lindbrook Dr., Los Angeles, CA 90024

818-905-5777

<http://www.ciee.org/cts/ctshome.htm>

EURAILPASSES
ISSUED ON-THE-SPOT!

CLASSIFIED ADS

HELP WANTED —

PASADENA-BASED INTERNET PRESENCE
provider seeking salespersons. Good communications skills. Internet savvy. Aggressive. Responsibilities include business development, demos, and closing deals. Full-time or part-time. FAX: (818) 583-1894. e-mail: nina@stunning.com

\$ CRUISE SHIPS HIRING! Students needed! \$\$\$ + free travel (Caribbean, Europe, Hawaii)! Seasonal/permanent. No experience necessary. Guide. (919) 929-4398 ext C1188.

HOUSING WANTED —

ONE-BEDROOM APT WANTED Sublet from June 1-August 15. Must have kitchen with stove and refrigerator, air conditioning, and parking. Convenient street parking OK. Single bedroom in multi-bedroom apartment or house also OK. Reasonable/Student prices only. Contact (215) 545-3524 or via e-mail at: rkatzovi@dolphin.upenn.edu

PERSONAL —

EGG AND SPERM DONORS desperately wanted by infertile, hopeful parents. Substantial compensation. All races needed. Ages 21-35. Please call OPTIONS at (800) 886-9373.

SINGLE, WHITE GENTLEMAN, 35, attractive, no kids—never married, non-smoker, seldom drink, athletic, well off. Speak English/French, Mensa member, new to LA and don't like the dumb beach blonde actresses I'm meeting. I'm well read, sensitive, travelled, serious about success, entrepreneurial in MLM[travel agent] disorganized creative ideas type. I'm confident that Caltech has the brightest and most sincere women in LA. I'm seeking a single woman (either white or Asian), not attractive who is entrepreneurial & ambitious and yes well organized, who has a zest for life's possibilities but may lack the means. I'll show you a wonderful new world of possibilities. You'll make my success less lonely and I'll be the mentor/lover/friend you dreamed of. (310) 937-1152.

SUMMER JOBS —

DATA ANALYST NEEDED for summer in Solar Astronomy on campus, transferring data from magnetic tape to CD-ROMs. The position could be part time (20 hrs/week), or the applicant may request full-time work, which would then involve either programming or research in solar radio astronomy in addition to the data transfer task. Please call x3863 to inquire.

SUMMER OBSERVERS
There are several positions open for summer employment at the Big Bear Solar Observatory. The jobs involve solar telescope operation, electronics work, computer programming, etc. Free housing at Big Bear is provided, and cooking facilities are available. There are recreational facilities (boats, etc.) as well. Some astronomy, physics, computer science, or electronics would be useful. Positions on campus also available. Applications are available in 264 West Bridge, or can be obtained by calling x4011.

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.

Angels and Insects—No ordinary British costume drama, this severely creepy tale about an entomologist who marries into an aristocratic family is sure to fascinate.

Antonia's Line—Staunchly feminist, this Dutch Oscar-winning generational tale gives each of Antonia's dozens of family members life that most movies don't give one character.

Chungking Express—Very different from most Hong Kong movies, this very stylized film from Wong Kar-Wai perfectly captures the feeling of being alone in a city of millions.

Dead Man Walking—Not so much either

pro- or anti-capital punishment, this movie's triumph is Sean Penn's genuinely moving portrayal of spiritual transformation and its recognition of human dignity in all of us.

Fargo—The Coen Brothers, who brought you *Barton Fink* and *Raising Arizona*, are back in this curious yet hauntingly magnificent small-town crime story. Frances McDormand is excellent.

Flirting with Disaster—David O. Russell's followup to *Spanking the Monkey* is the best American comedy in years. The one-liners, situations, and Mary Tyler Moore are all marvelous.

Land and Freedom—Brit Ken Loach's fiercely pro-Socialist look at the Spanish Civil War is an intensely human story that

stimulates thought and eloquently expresses what people were fighting for.

Rumble in the Bronx—What can I say? Jackie Chan is the most amazing physical performer in movies today, and a nice guy, too. Watching him is a pure thrill.

Wallace and Gromit: The Best of Aardman Animations—This collection from the multiple award-winning British animation studio showcases pure filmmaking at its best. There's something wrong with you if you don't like *A Close Shave*.

Wild Reeds—This French coming-of-age story is realism at its best; the awkwardness of youth is, without exploitation, allowed to breathe free as drama on the screen.

PASADENA IS FAMOUS FOR MORE THAN JUST THE ROSE BOWL

Committed to Excellence, Free Support.

We are committed to giving you a high quality, reliable system. All systems are assembled by us right here at our headquarters. Quality control is strict with every system being tested and burned-in 72 hours before delivery. All systems come with a one year carry-in parts and labor warranty, no question asked. And our service personnel are trained to provide technical support at no charge to you.

Satisfaction Guarantee !

Most of our customers have been with us for a long time. We do all we can to make sure you're happy. If for any reason you have a problem with your system, we offer a 30 day money back guarantee & 1 year warranty covering parts and labor. We also have a GE 3 year additional warranty & Action Call Software support membership available as an option.

About Pasadena Computer Center.

Pasadena Computer Center is located in Pasadena, CA with branches in New York. With almost ten years in the industry, Pasadena Computer Center learned how to serve its customers well. Some of our repeat customer include the Jet Propulsion Laboratories (JPL), GTE, U.S. Postal Service, Rockwell, Pacific Bell, UCLA, USC, Los Angeles Unified School District, Cal Tech, Edwards Air Force Base, Kaiser Permanente, Cal State LA and many community colleges. No matter if you're looking for a computer to use at home or a hundred computers for the office you'll get the quality and service you expect.

WIN 95 MEDIA SCSI-2

- > Intel Triton Chipset, Intel Pentium CPU w/Fan
 - > 256KB Pipelined Burst Cache
 - > 16MB EDO Memory
 - > 2GB ATA-2 Mode 4 SCSI Hard Drive
 - > Adapter 2940 PCI SCSI-2 Controller
 - > 3.5" 1.44MB Floppy Drive
 - > Diamond Stealth 2001 Video w/2MB(MPEG Playback Ready)
 - > Viewsonic 17" 1280 .28 NI Digital SVGA Color Monitor
 - > 6X SCSI CD-ROM Drive
 - > Sound Blaster AWE 39, Amplified Speaker
 - > 104+ Key Windows 95 Keyboard & 3 Button Mouse
- PENTIUM 100MHZ \$2495 / PENTIUM 150MHZ \$2775**
PENTIUM 120MHZ \$2575 / PENTIUM 166MHZ \$3010
PENTIUM 133MHZ \$2650

PERFECT MPEG 6X STATION

- > Intel Triton Chipset, Intel Pentium CPU w/Fan
 - > 256KB Pipelined Burst Cache
 - > 16MB Memory
 - > 1.2GB Fast EIDE Mode 4 Hard Drive
 - > 3.5" 1.44MB Floppy Drive
 - > Diamond Stealth 2001 Video w/2MB(MPEG Playback Ready)
 - > 15" 1280 .28 NI "Power Saving" SVGA Color Monitor
 - > 6X Multisection 900KB/sec CD-ROM Drive
 - > 16bit Sound Card, Pair of Amplified Speaker
 - > 104+ Key Windows 95 Keyboard & 3 Button Mouse
- PENTIUM 100MHZ \$1495 / PENTIUM 150MHZ \$1835**
PENTIUM 120MHZ \$1595 / PENTIUM 166MHZ \$2035
PENTIUM 133MHZ \$1685

MULTIMEDIA BEST BUY

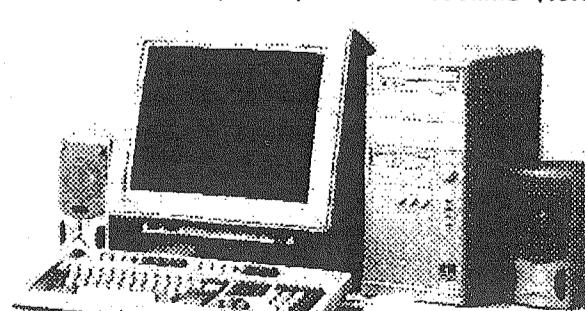
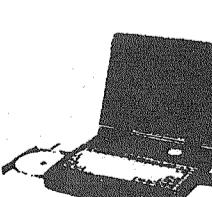
- > Intel Triton Chipset, Intel Pentium CPU w/Fan
 - > 256KB Pipelined Burst Cache
 - > 8MB Memory
 - > 850MB Fast EIDE Mode 4 Hard Drive
 - > 3.5" 1.44MB Floppy Drive
 - > PCI SVGA Card w/1MB Memory
 - > 15" 1280 .28 NI "Power Saving" SVGA Color Monitor
 - > 4X Multisection CD-ROM Drive
 - > 16bit Sound Card, Pair of Amplified Speaker
 - > 104+ Key Windows 95 Keyboard & 3 Button Mouse
- PENTIUM 75MHZ \$1150 / PENTIUM 133MHZ \$1430**
PENTIUM 100MHZ \$1250 / PENTIUM 150MHZ \$1590
PENTIUM 120MHZ \$1340 / PENTIUM 166MHZ \$1790

INTERNET READY TO GO !!

- > Free InterNet Software Included: World Wide Web, E-Mail, Netscape Navigator, Browser
 - > Intel Triton Chipset, Intel Pentium CPU w/Fan
 - > 256KB Pipelined Burst Cache
 - > 8MB Memory
 - > 1.2GB Fast EIDE Mode 4 Hard Drive
 - > 3.5" 1.44MB Floppy Drive
 - > 14.4 Fax/Modem w/Voice & Answering Machines
 - > Free Condenser Microphone
 - > PCI SVGA Card w/1MB Memory
 - > 14" 1024 .28 NI "Power Saving" SVGA Color Monitor
 - > 4X Multisection CD-ROM Drive
 - > 16bit Sound Card, Pair of Amplified Speaker
 - > 104+ Key Windows 95 Keyboard & 3 Button Mouse
- PENTIUM 75MHZ \$1225 / PENTIUM 133MHZ \$1495**
PENTIUM 100MHZ \$1325 / PENTIUM 150MHZ \$1625
PENTIUM 120MHZ \$1425 / PENTIUM 166MHZ \$1815

MOBILE MULTIMEDIA

- > 11.3" Big Dual Scan Color Screen
 - > 8MB Memory
 - > 810MB EIDE Hard Drive
 - > Built-in IBM Like Track-Point Mouse
 - > Built-in 1.44MB Floppy Drive
 - > Built-in 4X Multisection CD-ROM Drive
 - > 16bit Sound Card, Microphone & Speaker
 - > Two PCMCIA II & One PCMCIA III
 - > NiMH Battery, Carry Case
- PENTIUM 75MHZ \$2395 / PENTIUM 120MHZ \$2585**
PENTIUM 100MHZ \$2495 / PENTIUM 133MHZ \$2685



PASADENA COMPUTER
1756 E. Colorado Bl., Pasadena, CA. 91106 (W. of Allen Ave)

(818)568-1088

TECH (818)568-0439

FAX (818)568-9132

Hours of Operation: (Mon-Fri) 9:00am-6:00pm (Sat) 10:00am-5:00pm, Prices, specifications, terms and conditions are subject to change without any notice. Prices do not include shipping. 30 day money back guarantee does not include shipping, return shipping and opened software. Prices above reflect 3% cash discount. No responsible for errors in typesetting. We accept personal and company checks and corporate purchase orders (OAC). Government sales & school districts P.O.'s welcome!

Announcements

Sign-ups for letter jackets will be up in the seven houses and on the side of Winnet. Any athlete who has lettered twice in the same sport is eligible for a letter jacket. The cost will be \$50, with ASCIT paying for the difference in cost.

The Annual Career Development Center Student Surveys have been sent out to all graduating students. If you receive one, please fill it out and return it to the Career Development Center, Room 08, Parsons-Gates. If you are graduating and did not receive one, please pick one up at the Career Center.

Events

A panel discussion about diversity at Caltech will be held Today, Friday, May 17th, from 11:45pm to 1:30pm, in the Winnett Lounge, in order for students and faculty to have a chance to share ideas on what the student population should look like in the year 2000. Professor Morgan Kousser will be acting as moderator; a light lunch will be available beginning at 11:45pm. This forum is sponsored by the Multicultural Task Force. The whole of the Caltech community is welcome.

The Caltech Men's and Women's Glee Clubs and the Caltech Chamber Orchestra will present their Spring Concert Today and Saturday, May 17th and 18th, at 8:00pm in Dabney Lounge. Featured on the program: Randall Thompson's *Place of the Blest* performed by the Women's Glee Club (Monica Hubbard, Director); Brahms' *Alto Rhapsody* sung by the Men's Glee Club

The Skeptics Society will be presenting a lecture on "Quantum Quackery: Physics,

(Don Caldwell, Director). Allen Gross will lead the Chamber Orchestra in Saint-Saens *Violin Concerto* and Aaron Copland's *Appalachian Spring*. Admission is free. Get there early if you want seating - the December and March concerts had standing room only. A reception will follow both concerts.

Caltech Chamber Music students will present three concerts this week, all in Dabney Lounge. The series begins with a noon concert Today, Friday, May 17th. Free lunch will be available to the first 100 people who arrive at this concert. Music will include two works by Mozart, a trio by Brahms, and a mixed bag of pieces for woodwinds and piano featuring several students who play more than one instrument. Sunday afternoon a concert will be held at 3:30pm including music as varied as a quintet for piano and strings by Shostakovich, a Mozart quintet, music for four trombones, and a Dvorak quartet for strings and harmonium. Refreshments will follow. Next Friday, a baroque era noon lunch concert with music by Vivaldi, Handel, Telemann and Praetorius; with free lunch.

The Caltech Ballroom Dance Club will hold their final waltz class tonight, Friday May 17th from 7 to 8:30pm in Winnett Club Room 1. Next Wednesday, May 22nd, they will continue their salsa class from 7 to 8:30pm in Winnett Lounge.

The Skeptics Society will be presenting a lecture on "Quantum Quackery: Physics,

denotes a new announcement.

Metaphysics, and Flapdoodle," to be given by Victor J. Stenger, Professor of Physics and Astronomy, on Saturday, May 19th, at 2pm, in Baxter Lecture Hall. Dr. Stenger will address "the misuse of quantum mechanics and modern physics" to New Age beliefs. Admission is \$5 for members and students, \$8 all else.

The last movie to screen in the German Film Series (emphasizing Swiss films this year) for the spring term is *Fruhlingssinfonie (Spring Symphony)* (1983). It will be shown on Wednesday, May 22nd, at 7:30pm in Baxter Lecture Hall. This film features English subtitles and is presented free of charge. For more information, please call 395-3610.

The Caltech Jazz Band will appear at Tower Records in Pasadena on Thursday, May 23rd, starting at 7:00pm. The jazz band will be promoting their CD, "Exothermic Jazz", which was released last year. In case you can't make this live appearance, you can always buy the CD at Caltech's own, fine bookstore for only \$10.

Dr. David F. Noble, visiting professor at the University of California, San Diego, will be giving a Science, Ethics, and Public Policy Seminar entitled "The Religion of Technology" on Friday, May 24th, at 3:30pm in the Judy Library. This seminar is free and open to the public; refreshments will be served.

This summer, the Caltech Ballroom Dance Club will continue to hold waltz and salsa classes. The Waltz classes will be held Mondays from 7 to 8:30pm in Dabney Lounge (NOT Dabney House dining hall); the first class will be held June 3rd. Salsa classes, as usual, will be 7 to 8:30pm on Wednesdays in Winnett. There will be no

WE ACCEPT
VISA AND MASTERCARD

World Wide Air - Ocean Shipping Services
Household goods - Cars
Commercial shipments
Door to Door Logistics
Consolidated cargo or straight loads
Offices in LA & SFO
Call 800-383-3157

ACADEMY BARBER SHOP
27 N Catalina Ave., Pasadena
Open Tues.-Sat. 7:30A.M. - 4:00 P.M.
(818) 449-1681



Mandarin Cuisine & Seafood

Cocktail Lounge

Lunch Specials \$4⁵⁰ 11:30-3 p.m.
Early Bird Specials \$6²⁵ 3-7 p.m.

Classic Dinners 3-10 p.m.

Food To Go Welcome

OPEN 7 DAYS

Tel: 449-8018

2475 E. Colorado • Pasadena
between Sierra Madre Blvd. & Altadena Dr.
Free Parking in Rear

she is willing to be supportive in this setting. The group usually discusses a particular relevant topic and then moves on to the general discussion. Refreshments are served. If you would like more information, please call x8331.

Fellowships and Scholarships

From the Fellowships Advising and Resources Office, extension 2150, e-mail lauren_stolper@starbase1.caltech.edu:

The Lindbergh Foundation Grants Awards support innovative ideas at their early stage of development. The grants are open to citizens of all countries and support research and educational projects that address in some way the balance between technology and the environment. Ten grants in amounts of up to \$10,580 are awarded each year. Applications are available through the Fellowships Advising Office.

From the Deans' Office, 102 Parsons-Gates:

Teachers are needed for this summer's Academy by the Sea academic boarding program in the following areas of expertise: English, English as a Second Language, Computer Science, Math, French/Spanish, Science (Environmental/Oceanography), Social Sciences (World, U.S. History). The qualifications to work in the program are a Bachelor's degree in a related subject and previous experience with youths. All applicants must also be able to work from July 3rd through August 10th. The program is set up for the teachers to teach three morning classes, assist in two recreational activities, and live on-campus in Carlsbad, California. Teachers will also be asked to assist in supervising weekend excursions to Southern California attractions, as well as attend to periodic dorm supervision duties during some evenings and weekends. All participants will be provided with room and board as well as \$2,200. This is a terrific experience working with youth in a California seaside academic program. To apply, please send a resume and cover letter to the attention of Ms. Eowyn Schutze, Academy by the Sea, P.O. Box 3000, Carlsbad, CA 92018-3000. For more information, please call (619) 434-7564 or Fax (619) 729-1574.

From the Financial Aid Office, 515 S. Wilson, second floor:

The John Gyles Education Fund is offering financial assistance to students in Canada and the United States. Canadian or American citizenship and a minimum 2.7 GPA are required. Selected students will receive up to \$2,500. Deadlines for 1996 are June 15, and November 15 (postmark date). To receive an application, send a stamped (U.S. \$3.20), self-addressed No. 10 envelope to: The John Gyles Education Fund, Attention: R. James Cougle, Administrator, P.O. Box 4808, 712 Riverside Dr., Fredericton, New Brunswick, Canada E3B 5G4.

The Jewish Family and Children's Services is pleased to announce the continued availability of financial support for Jewish individuals and their families. JFCS provides hundreds of students loans, grants, and scholarships to Jewish students. Individuals may apply for up to \$5,000. Special scholarships are available for study in Israel. To be eligible, students must have financial need, have at least a 3.0 GPA, and be residents of San Francisco, the Peninsula, Marin or Sonoma counties, or the Bay Area. There are no deadlines—applications are accepted throughout the year. The Financial Aid Office has applications.

The Nuclear Age Peace Foundation announces its Lena Chang Scholarship Awards for 1996-97. The Foundation will be awarding two \$2,500 scholarships to undergraduate minority students who can demonstrate financial need and academic excellence. Applications are available at the Financial Aid Office and are due to the Nuclear Age Peace Foundation no later than July 1, 1996.

Ditch Day is Thursday, Frosh!

Caltech 40-58 SAC
Pasadena, California, 91125

Announcements

Sign-ups for letter jackets will be up in the seven houses and on the side of Winnet. Any athlete who has lettered twice in the same sport is eligible for a letter jacket. The cost will be \$50, with ASCIT paying for the difference in cost.

The Annual Career Development Center Student Surveys have been sent out to all graduating students. If you receive one, please fill it out and return it to the Career Development Center, Room 08, Parsons-Gates. If you are graduating and did not receive one, please pick one up at the Career Center.

Events

A panel discussion about diversity at Caltech will be held Today, Friday, May 17th, from 11:45pm to 1:30pm, in the Winnett Lounge, in order for students and faculty to have a chance to share ideas on what the student population should look like in the year 2000. Professor Morgan Kousser will be acting as moderator; a light lunch will be available beginning at 11:45pm. This forum is sponsored by the Multicultural Task Force. The whole of the Caltech community is welcome.

The Caltech Men's and Women's Glee Clubs and the Caltech Chamber Orchestra will present their Spring Concert Today and Saturday, May 17th and 18th, at 8:00pm in Dabney Lounge. Featured on the program: Randall Thompson's *Place of the Blest* performed by the Women's Glee Club (Monica Hubbard, Director); Brahms' *Alto Rhapsody* sung by the Men's Glee Club

The Skeptics Society will be presenting a lecture on "Quantum Quackery: Physics,

(Don Caldwell, Director). Allen Gross will lead the Chamber Orchestra in Saint-Saens *Violin Concerto* and Aaron Copland's *Appalachian Spring*. Admission is free. Get there early if you want seating - the December and March concerts had standing room only. A reception will follow both concerts.

Caltech Chamber Music students will present three concerts this week, all in Dabney Lounge. The series begins with a noon concert Today, Friday, May 17th. Free lunch will be available to the first 100 people who arrive at this concert. Music will include two works by Mozart, a trio by Brahms, and a mixed bag of pieces for woodwinds and piano featuring several students who play more than one instrument. Sunday afternoon a concert will be held at 3:30pm including music as varied as a quintet for piano and strings by Shostakovich, a Mozart quintet, music for four trombones, and a Dvorak quartet for strings and harmonium. Refreshments will follow. Next Friday, a baroque era noon lunch concert with music by Vivaldi, Handel, Telemann and Praetorius; with free lunch.

The Caltech Ballroom Dance Club will hold their final waltz class tonight, Friday May 17th from 7 to 8:30pm in Winnett Club Room 1. Next Wednesday, May 22nd, they will continue their salsa class from 7 to 8:30pm in Winnett Lounge.

The Skeptics Society will be presenting a lecture on "Quantum Quackery: Physics,

denotes a new announcement.

Metaphysics, and Flapdoodle," to be given by Victor J. Stenger, Professor of Physics and Astronomy, on Saturday, May 19th, at 2pm, in Baxter Lecture Hall. Dr. Stenger will address "the misuse of quantum mechanics and modern physics" to New Age beliefs. Admission is \$5 for members and students, \$8 all else.

The last movie to screen in the German Film Series (emphasizing Swiss films this year) for the spring term is *Fruhlingssinfonie (Spring Symphony)* (1983). It will be shown on Wednesday, May 22nd, at 7:30pm in Baxter Lecture Hall. This film features English subtitles and is presented free of charge. For more information, please call 395-3610.

The Caltech Jazz Band will appear at Tower Records in Pasadena on Thursday, May 23rd, starting at 7:00pm. The jazz band will be promoting their CD, "Exothermic Jazz", which was released last year. In case you can't make this live appearance, you can always buy the CD at Caltech's own, fine bookstore for only \$10.

Dr. David F. Noble, visiting professor at the University of California, San Diego, will be giving a Science, Ethics, and Public Policy Seminar entitled "The Religion of Technology" on Friday, May 24th, at 3:30pm in the Judy Library. This seminar is free and open to the public; refreshments will be served.

This summer, the Caltech Ballroom Dance Club will continue to hold waltz and salsa classes. The Waltz classes will be held Mondays from 7 to 8:30pm in Dabney Lounge (NOT Dabney House dining hall); the first class will be held June 3rd. Salsa classes, as usual, will be 7 to 8:30pm on Wednesdays in Winnett. There will be no

WE ACCEPT
VISA AND MASTERCARD

World Wide Air - Ocean Shipping Services
Household goods - Cars
Commercial shipments
Door to Door Logistics
Consolidated cargo or straight loads
Offices in LA & SFO
Call 800-383-3157

ACADEMY BARBER SHOP
27 N Catalina Ave., Pasadena
Open Tues.-Sat. 7:30A.M. - 4:00 P.M.
(818) 449-1681



Mandarin Cuisine & Seafood

Cocktail Lounge

Lunch Specials \$4⁵⁰ 11:30-3 p.m.
Early Bird Specials \$6²⁵ 3-7 p.m.

Classic Dinners 3-10 p.m.

Food To Go Welcome

OPEN 7 DAYS

Tel: 449-8018

2475 E. Colorado • Pasadena
between Sierra Madre Blvd. & Altadena Dr.
Free Parking in Rear

Announcements

Sign-ups for letter jackets will be up in the seven houses and on the side of Winnet. Any athlete who has lettered twice in the same sport is eligible for a letter jacket. The cost will be \$50, with ASCIT paying for the difference in cost.

The Annual Career Development Center Student Surveys have been sent out to all graduating students. If you receive one, please fill it out and return it to the Career Development Center, Room 08, Parsons-Gates. If you are graduating and did not receive one, please pick one up at the Career Center.

Events

A panel discussion about diversity at Caltech will be held Today, Friday, May 17th, from 11:45pm to 1:30pm, in the Winnett Lounge, in order for students and faculty to have a chance to share ideas on what the student population should look like in the year 2000. Professor Morgan Kousser will be acting as moderator; a light lunch will be available beginning at 11:45pm. This forum is sponsored by the Multicultural Task Force. The whole of the Caltech community is welcome.

The Caltech Men's and Women's Glee Clubs and the Caltech Chamber Orchestra will present their Spring Concert Today and Saturday, May 17th and 18th, at 8:00pm in Dabney Lounge. Featured on the program: Randall Thompson's *Place of the Blest* performed by the Women's Glee Club (Monica Hubbard, Director); Brahms' *Alto Rhapsody* sung by the Men's Glee Club

The Skeptics Society will be presenting a lecture on "Quantum Quackery: Physics,

(Don Caldwell, Director). Allen Gross will lead the Chamber Orchestra in Saint-Saens *Violin Concerto* and Aaron Copland's *Appalachian Spring*. Admission is free. Get there early if you want seating - the December and March concerts had standing room only. A reception will follow both concerts.

Caltech Chamber Music students will present three concerts this week, all in Dabney Lounge. The series begins with a noon concert Today, Friday, May 17th. Free lunch will be available to the first 100 people who arrive at this concert. Music will include two works by Mozart, a trio by Brahms, and a mixed bag of pieces for woodwinds and piano featuring several students who play more than one instrument. Sunday afternoon a concert will be held at 3:30pm including music as varied as a quintet for piano and strings by Shostakovich, a Mozart quintet, music for four trombones, and a Dvorak quartet for strings and harmonium. Refreshments will follow. Next Friday, a baroque era noon lunch concert with music by Vivaldi, Handel, Telemann and Praetorius; with free lunch.

The Caltech Ballroom Dance Club will hold their final waltz class tonight, Friday May 17th from 7 to 8:30pm in Winnett Club Room 1. Next Wednesday, May 22nd, they will continue their salsa class from 7 to 8:30pm in Winnett Lounge.

The Skeptics Society will be presenting a lecture on "Quantum Quackery: Physics,

denotes a new announcement.

Metaphysics, and Flapdoodle," to be given by Victor J. Stenger, Professor of Physics and Astronomy, on Saturday, May 19th, at 2pm, in Baxter Lecture Hall. Dr. Stenger will address "the misuse of quantum mechanics and modern physics" to New Age beliefs. Admission is \$5 for members and students, \$8 all else.

The last movie to screen in the German Film Series (emphasizing Swiss films this year) for the spring term is *Fruhlingssinfonie (Spring Symphony)* (1983). It will be shown on Wednesday, May 22nd, at 7:30pm in Baxter Lecture Hall. This film features English subtitles and is presented free of charge. For more information, please call 395-3610.

The Caltech Jazz Band will appear at Tower Records in Pasadena on Thursday, May 23rd, starting at 7:00pm. The jazz band will be promoting their CD, "Exothermic Jazz", which was released last year. In case you can't make this live appearance, you can always buy the CD at Caltech's own, fine bookstore for only \$10.

Dr. David F. Noble, visiting professor at the University of California, San Diego, will be giving a Science, Ethics, and Public Policy Seminar entitled "The Religion of Technology" on Friday, May 24th, at 3:30pm in the Judy Library. This seminar is free and open to the public; refreshments will be served.

This summer, the Caltech Ballroom Dance Club will continue to hold waltz and salsa classes. The Waltz classes will be held Mondays from 7 to 8:30pm in Dabney Lounge (NOT Dabney House dining hall); the first class will be held June 3rd. Salsa classes, as usual, will be 7 to 8:30pm on Wednesdays in Winnett. There will be no