Lee A. DuBridge 1901–1994
by Zackary Dow Berger

“He was a great man,” repeated Institute President Thomas Everhart several times. “Just a great man.” He was remembering President Emeritus Lee A. DuBridge, who died Sunday morning at his home in Duarte at the age of 92. It was only after Everhart became president, and during DuBridge’s last years, that he met the man, the Institute’s second president after Robert A. Millikan. “I remember the unveiling of [DuBridge’s] portrait in the Athenaeum,” said Everhart. “I was very impressed… he was just terrific in the way he complemented every group in the audience individually — alumni, trustees, students. He did this almost effortlessly, with grace.

“He was,” said Everhart again, “a very gracious man.” DuBridge was ill and in the hospital during much of the past few years; Everhart often went to visit and talk to him: “I learned about him and Caltech… at 85, he was mentally very bright. He knew a wealth about the country, and had seen a long arc of history.”

DuBridge served as president for twenty-three years, from 1946 until 1969. “He followed Millikan, who himself served more than twenty years; the Institute had two presidents in half a century.” Everhart mused. “These very long terms are unusual. Certainly terms

A Midwesterner looks at Californian disaster
by Toby Bartels

I was reading comic books in the Bickett’s House library when it started. At first I thought it sounded like several hundred joggers running very hard in the hallway above me, but after a few milliseconds, I abandoned that theory. When the walls started shaking, I realized that I was experiencing my first earthquake. “How interesting,” I thought. “In an earthquake zone like California, minor tremors like this probably happen all the time. I wonder how many more I’ll get to see before graduate school.” It didn’t feel very big; I was worried for a moment that some books might fall off the shelves, but they proved to be pretty secure. I soon heard random bric-a-brac falling off, so I replaced it and returned to my comic books.

It wasn’t until hours later that I realized people had died.

It took me a while to understand how the mild tremor I had felt could be capable of causing death. Minor injury I could accept, but death simply didn’t fit. Eventually, I convinced myself of the great difference that must exist between an earthquake at its epicenter and what I could feel in Pasadena. But even now, looking back, it doesn’t seem quite right.

In Nebraska, when you’re in a natural disaster, you know exactly what it’s like. Tornadoes and floods don’t have epicenters; you’re either there or you’re not. If you’re not, you don’t even try to judge what it’s like; you know you have no idea and just listen to the news reports. If you’re there, you have a perfectly accurate feeling for exactly how deadly the storm is; everyone gets it just like you. You have a shared experience. You can talk to other victims, even if they’re miles away, and say, “I know what you’ve been through. I’ve been through it too.” I have no idea what the residents of Northridge went through. I learned about it on the news, just like I would have if I’d stayed home in the Midwest.

The slight shaking I felt had nothing to do with their experience.

I have often remarked how bizarre the Southern California climate is. California, I have often explained, has no weather, or at least very little. It has no rain, wind, or cold to speak of. It’s always the same thing, day after day, never changing. The earthquake hasn’t changed anything.

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More Nefarious Gangsters
To Huy Thanh Cao:

Dear Huy,

In passing, I might note that the Supreme Court never rules that slavery was contradictory to the Eighteenth Amendment. Slavery was outlawed by the Thirteenth Amendment, which was passed in 1864 and was not part of the original Constitution. Whether the idea of the Declaration of Independence contravened slavery is of too much complexity to discuss here, but it is in no means unambiguous evidence of the Founding Fathers’ attitudes on African slavery.

It is also misleading for Mr. Coins to have said that the Constitution provided important institutional support for slavery. It is at least protected slavery from being abolished in the states where it existed against the will of slaveholders there. As interpreted by the Supreme Court, in fact, the 1865 Dred Scott case, the Constitution even prohibited Congress from banning slavery in the territories. This is why William Lloyd Garrison, the great abolitionist, called the Constitution “a Covenant with Death.”

Perhaps you should check your facts a bit more carefully before you write your next public letter.

J. Morgan Kousser
Professor of History and Political Science

More Nefarious Gangsters

by Michael Benedetti

Last week, Dabney House tried to send a party invitation to every undergrad. The Registrar, who approved such things, said that the invitation was “inappropriate,” and would not approve the mass mailing. Even the undergrads probably don’t need any more unsolicited mail, and the mailmen have to sort enough mass mail as it is. Unfortunately, not only was mass mailing crossed off Dr. Goodstein’s desk. I am always surprised at the amount of trash in my on-campus mailbox each week. After all, the only outside agency who knows my mail code is my bank.

Who sends all this chaff? The LAEMMLE THEATRES

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Citizen Travel
February 12
The Scent of Green Papaya

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DuBridge

He paused. “Caltech has changed an awful lot since that time, and so we didn’t talk much about the day-to-day managing of the Institute. But I did learn the importance of a very stable budget, so that people can go on things: a secure place to work, not worrying about if there’ll be a class to go to or about getting laid off like at other California schools.”

“There have been many changes over the years in society, in the role of the woman. The Institute is still changing. In the past one individual could make these changes—now everyone has to go along together.”

Everhart took off his glasses and rubbed his eyes. “He had a dynastic style, a terrific style for the time. In an editorial [Wednesday morning] the L.A. Times called him ‘the right man for the right time’—and they were right.”

“The Trustees who elected him,” finished Everhart, “should get a lot of credit. They were smart and fortunate.”

He paused again. “He was a great man.”

Caltech’s memorial service for Lee Ahn DuBridge will be held on February 16th at 4 p.m.

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Africa
UN officials are worried by the decrease in peacekeeping forces in Somalia. They fear an outbreak of hostilities is imminent.

China
In an effort to resolve trade conflicts with the U.S., China agreed to open five prisons and record fidelities.

Japan
Japan’s Prime Minister, Morihiro Hosokawa, may resign. This follows the defeat of his reform package in Parliament.

Mexico
The Mexican government is waiting for a reply from the guerrillas in Chiapas concerning peace talks. Anxiety is increasing within the government as the Zapatista National Liberation Army roams other pear and documents relevant to the governmental attempts to abolish labor laws that have provided jobs and security for 40 years.

Spain
Unions have threatened to shut down Spain for 24 hours on Thursday. This strike is to protest government attempts to abolish labor laws that have provided jobs and security for 40 years.

Ukraine
Ukraine’s Parliament debates on the nuclear disarmament agreement that President Kravchuk signed with Russia and the United States. A vote on the matter is expected to occur on Friday.

United States
On January 25, the Clinton Administration announced its plan to give $6.6 billion in aid to the earthquake-stricken areas of L.A. and Ventura counties.

Crime Tip: Security is now offering a driven escort to anywhere within walking distance of campus. It does not matter whether you are going to a Caltech property or not and they will even take your bike if you do not feel comfortable riding home alone.

Correction to the last CIB: I reported an incident where a man masturbated in front of a member of staff on Hill. The man drove up to the woman in an old, tan colored sedan (rather than walked) and he asked her for directions. He also did not have a beard but rather, stubble.

The weekly California Tech staff meeting will be held today (Friday, January 28) at 12:15 P.M. in the Coffeeshop.

Coffee and pizza will be served. All members of the Caltech community are encouraged to come and find out more about our newspaper.

ASCIT minutes, January 25
by Karen Shih

Present: ASCIT BOD, Jennifer Tritttschuh, Dave Derkatis, Chris Bryant, Joan-Marie Gimbel, Alison Sleng, Garrett Choi, Steve Young, Beth Zbola, Andrea, Vikas Duvari, Anh Ly, Gavin Claypool.

New Business
• OASIS is hosting a classical concert and catered dinner in the west hall on February 16th, 6:30 P.M. and requires ASCIT sponsorship.
• Motion to assist with production
• Motion to approve payment of $176
• The old van was taken from the bike rack at the southwest corner of B1. The bike was secured with a heavy cable and lock which were also missing. $176
• One of the men punched the victim on his nose and at the back of his neck. The men took the victim's money but left his wallet. $176
• A bike was removed from the bike rack at the northwest corner of the Athenaeum. $176
• A vote on the latest CIB: I reported an incident where a man masturbated in front of a member of staff on Hill. The man drove up to the woman in an old, tan colored sedan (rather than walked) and he asked her for directions. He also did not have a beard but rather, stubble.

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Y. P. Fang discusses paper recycling

by Margaret Belska

Many of us do our good deed and recycle paper, but little do we think about what happens to it after it gets carted away to the recycling center. Y. P. Fang from the Simpson Paper Company explained this long and complicated process in a lecture entitled "How Recycled Paper is Manufactured." Last Wednesday, January 26, at noon.

One of the first things Fang pointed out was that there are no standards in the paper recycling industry. Each company has its own system of indicating how much of its paper is coming from recycled material and how much is virgin pulp. The Simpson Paper Co. produces both 50/50 and 100/0 paper. 50/50 indicates that the paper has 50% total waste content, 10% of which is post-consumer waste. The 100/0 paper is made completely from post-consumer waste.

Usually the material that goes into making paper includes post-consumer waste, virgin pulp, post-industrial waste, and mill broke. Mill broke is the waste produced in the process of making paper. Because of all the different materials used, even a 50/50 paper might only have 10% of virgin pulp in it.

The paper recycling industry, being any other industry, controlled by consumer demands. Everyone wants the best quality paper for the lowest price. Unfortunately, the cost of making recycled paper equal in quality to paper made from all new materials is higher. This means that recycled paper is either going to cost more, or not be quite as clean or bright. In other words, keeping the recycling paper industry in business is up to the consumer. They must either be willing to pay a little extra, or lower their standards some for paper recycling to profitable.

The highest standards are set by the publication industry, since any flaw in the paper on an ad may result in a product not selling, resulting in lost money. The high cost of producing recycled paper comes mostly from turning post-consumer waste into usable material for paper making. After the material arrives at a recycling center, it is sorted into its proper category. Because of the many different types of paper on the market and the different types of inks used, each one has to be recycled separately. Unfortunately, there is no mechanized way to do this, so everything must be sorted by hand. It takes more than a hundred people working in one plant to go through all that paper.

The next step is the de-inking of the paper. This five step process includes turning the paper in a ground pulp, washing it to remove the clear coating that's applied to some papers, flotation, a multi-step process to remove the ink, screening to remove any particles larger than 40 to 100 microns, and cleaning, where small heavy particles are removed by the use of gravity.

The lecture was very interesting. The acting is great, the story is good, and scenes are terrific. The movie is definitely worth seeing.

Even if love stories aren't your favorite, the Academy has other double features at bargain prices. Tickets are normally $3 (for two movies) and only $2 on Wednesday. The Academy is located at 1003 E. Colorado (at Catalina), only a short walk from campus. For show times or more information, call (618) 595-2275.

The Age of Innocence has been selected consistently as one of 1993's best films. Directed by Martin Scorsese, it is a story of devotion and temptation. Daniel Day-Lewis plays a man living in New York in the nineteenth century, suppressed by the rules of society. He must remain faithful to his wife's cousin, a countess (played by Michelle Pfeiffer) who has little regard for etiquette. The acting is great, the story is good, and scenes are terrific. Like Water for Chocolate is perhaps an even better love story. In a mixture of Spanish (with subtitles) and English, it tells the story of a forbidden love. Due to a family tradition, the youngest daughter is not allowed to marry. The man she loves marries her older sister, so she will always be near the family, and the woman he truly loves. Unable to openly show her love for him, the youngest daughter is forced to find other means. In addition to secret rendezvous, she also expresses her love through cooking. While this description may sound silly, the story is not. It is very difficult to describe without telling too much. The movie is definitely worth seeing.

Now playing at the Academy

by Michael Kantner

Going to the movies is usually an expensive evening. However, for a third of the price of a pizza, you can see two terrific films. The Academy Theater is currently showing, Like Water for Chocolate and The Age of Innocence as a double feature.

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I was leaving the day that my grandma drove to her house, got out of her car, and said "Here's a shrub." At the time, I wasn't impressed, though. The shrub was sort of scruffy-looking, and it had the remains of abandoned nests strewn about on its barren branches. Next to the lush opulence of the rest of her garden, the shrub seemed, at first glance, to be an embarrassingly puny plant. "What's this?" I asked. "A shrub," she explained. "It needs love."

One day, as I was walking by the shrub, I noticed a little plant growing out of the dirt. It was just starting to sprout, but already it had a healthy green color. This little plant changed my whole life. I was never the same after that day. Whenever I looked out my window, I saw the shrub, and I knew that it was a symbol of new life and hope. And so, I decided to give it the love and care that it needed. And now, it's one of the most beautiful shrubs in the garden.
**Mark Forster's Race Against Time**

The Olympic Champion would not let death conquer his drive to achieve.

By Richard Fanley

**Quotable Quotes**

"It is odd—and charming—to talk to an intelligent woman who is not a prostitute."

—George Vidal, Creation

"Love wears a white Stetson."

—Keith Richards

"Do unto others first."

—Bobby "The Brain" Heenan

"These guys are pretty good, for a bunch of mimes."

—Bust-head, on Kiss

"I tell them that if they will occupy themselves with the study of mathematics they will find in it the best remedy against the lusts of the flesh."

—Thomas Mann, The Magic Mountain

"My mother believed that if you go out of your way to be friendly to people, they will take a liking to you, but this philosophy never worked for me, because I was a leper."

—Garrison Keillor, The Book of Guys

"Political power grows out of the barrel of a gun."

—Mao Zedong

"Don't tell me about the law, boy. I am the law."

—Michael Brundage

"I don't want to achieve immortality through my work—I want to achieve it through not dying."

—Woody Allen

"And don't forget the Joker."

—Lenny Kilmister

**ATTENTION PSYCHOSIS SUFFERERS**

It's time to talk to your headshrinker.

Take the insanity test.

<table>
<thead>
<tr>
<th>Do you experience these symptoms?</th>
<th>Yes</th>
<th>No</th>
</tr>
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<tbody>
<tr>
<td>1. Frequent attacks of paranoia</td>
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<tr>
<td>2. Frequent use of hallucinogens</td>
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<tr>
<td>3. Other personalities waking me up at night</td>
<td></td>
<td></td>
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<tr>
<td>4. A taste of dead mice in my mouth</td>
<td></td>
<td></td>
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<tr>
<td>5. Burning sensation in my cerebellum</td>
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<tr>
<td>6. Discomfort after a long night's raving</td>
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<td></td>
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<td>7. Difficulty acting rationally</td>
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If you experience one or more of these symptoms frequently, talk to your shrink. Frequent insanity may be a sign of a more serious psychological problem. Your shrink has embalming plans that can help. Frequent insanity. Isn't it time you talked to your headshrinker?

To receive a newsletter about mental health, call 1-800-395-ZANY
It Pays to Enrich Your

WORD POWER

BY DR. FUNKENSTEIN

THE AGE OF INFORMATION has been a topic of speculation and discussion since the advent of Robbie the Robot. For this month's test, I've asked a computer-literate friend to select words that are common in the lingo of Internet users everywhere. How many of these words do you know? Turn to page 11 for the answers.

6. DOS u. — A: procrisptions ("dos and don'ts"). B: var. of dod. C: to sleep. D: inexpensive variant of the powerful operating system, VMS.

Answers to

"It Pays to Enrich Your Word Power"

1. warlord — D: All of the above. The incredible versatility of this verb led to the effective domination of 18th-century Japan by the Shogun. Old English warrīl.
2. Kibo-a — A: kibitz. While not precisely identical, the Kibo is a backer communal farming community, similar in structure to the Israeli kibbutz. "After I finish this game of Nethack, I'm going to spread some fertilize on Kibo." Latein kibbītza.
3. hack — B: Computer peddler, so named for their tendency to dey as cab drivers and waylay unsuspecting passengers; as, "He was lured away by the hack and sallitg." Middle French hacke (dual hackes), 4.d. — A: Pizza, as, "Gallows Domini's and get some foo." Modern Basque jaunazi (pot pie).
4. foot — C: North Atlantic fish. The band is much sought after for its superior taste and slippery texture. Cape Baud is named for it. Norwegian baut.
5. baud — A: U.S. Atlantic fish. The baud is much sought after for its superior taste and slippery texture. Cape Baud is named for it. Norwegian baut.
6. DOS — C: To sleep, as, "I was working on my CS 2 project all night long, and I was going to turn it in just before lunch, but I was overcome by a sudden desire to DOS, and I didn't stop until Thursday night."
7. hexadecimal — C: To format, D: a disk. Even since coding on computer disks was transferred from binary to today's world of hexadecimal formatting has become a popular way to convert between the bases two and three and used on the storage medium, and the base ten stored on the computer screen.
8. bit bucket — C: Small bucket. The bit bucket collects all of the binary digits that fall off the end of registers. Periodically, a trained computer technician must be called in to empty it, or the computer will freeze up.
9. floppy disk — A: Back disorder suffered by hackers; as, "Why didn't I do the assignment? Uh, I had to go to the chiropractor and get my floppy disk treated."
10. sysadmin — A: Cloistered nun. It is a little-known fact that, during Meidinger's early years, Bill Gates only hired cloistered nuns as programmers, because they tended to waste significantly less time playing Nintendoes than programmers from other backgrounds. Old French ciesadminge (abbes).
11. email — A: Flightless bird, used in industry as the symbol for the speed of electronic mail.
12. dachshund — B: To forget to back up your hard drive. C: Hey! Have I an idea? If we dachshund, we won't have to print a Rosé this term! Isn't that a great idea? Middle High German dachshund (small bloodhound). 13. knucklehead — A: Real hoser; as, "Dean Kiefer is a knucklehead." Middle Dutch knieltelheid. 14. bug — C: Creeping insect. Easy computer programs were plagued with locusts, causing numerous errors as they chewed through vital cables, and the term has carried over into today's world of insecticide-laced circuitry to indicate an small objects rattling around inside the case of your computer after it is dropped from a great height.

Vocabulary Ratings

1-4 correct ........................... Good
5-8 correct ............................ Excellent
9-14 correct ........................... Ted Editor

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Food Digest

**Now Happiness Comes in a Bottle!**

**PANSY BOY**

**Feeling down? Why not try your depressing personality into an exciting career by becoming a romantic poet? For those brave enough to take this bold career move, there's Pansy Boy® blended absinthe, the choice of protest-singers everywhere.**

In today's world, absinthe is hard to find. But you'll never have to look farther than the nearest bottle of Pansy Boy® blended absinthe. Pansy Boy® is a delicious blend of aged wormwood and the finest brambles. Don't just sit there gaping—go out there and buy a bottle of Pansy Boy®.

**PANSY BOY**

*The choice of moody people everywhere!*

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**Refreshing Drink**

Easily prepared when you start with a bottle of Pansy Boy®, no matter how inebriated you are. Great for parties, or for evenings when you feel like spending a pleasant night in the nearest gutter.

**Drunkin Bastard Enough to make one poet unbearably smashed.**

15 shots Pansy Boy® blended absinthe

1. Fill a shot glass with absinthe.
2. Drink.
3. Repeat 14 times.
4. Upon waking, submerged head in a bucket of cold water.
5. Repeat daily until a suitably tragic atmosphere is achieved.

**Wonderful Wormwood**

Sip this caustic drink in the presence of easily excited people, and you'll have a "rep" in no time!

**The Goethe Why sell your soul to Satan when you can experience Hell here on Earth?**

1/2 glass Pansy Boy®

blended absinthe

3 shakes of Tobacco sauce

1. Fill a glass half full of absinthe.
2. Draw attention to the fact that you are drinking absinthe by saying something suitably wry (e.g., "Nothing I like more than a glass of absinthe after a long day's brooding.").
3. Make wide gestures with a bottle of hot sauce to attract the notice of the crowd. Add 3 shakes of hot sauce.
4. Quickly switch your drink with a nearly glass of Coca-Cola®. Sip your Coke® slowly, demonstrating your iron constitution and severe alcoholism.

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Dabney's Cry in the Dark

**By Carrie Griffin**

A nameless horror stalked the unsuspecting students. Could Glacier Boy finish his homework before it was too late?

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**IN THE BEGINNING ...**

... but remember, the universe as the life-force slowly oozed from the earth, and to waste significantly less time playing Nintendoes than programmers from other backgrounds. Old French ciesadminge (abbes).
finished that problem 6 hours ago— around midnight." 

Alan grunted in pain as he reached up to the bookshelf. "Hey— where's the FFF? I can't do this problem without the FFF" he wailed. "Librarians— where's the FFF?"

The librarian glared at Alan with large, purple-rimmed eyes. "It's not here. I suppose someone took it out from the library before you. Why is it the Flame by Flunking Fizics manual that always disappears?" She spit the words at him. "I'll probably find it in the library pile in Blacker or some other random place."

The bloodshot-eyed demon sitting on the couch grunted in agreement. "Alright, then— go back to staring at the screen explaining the solutions to the last year's Exam 6."

The animal shrank around the room, sniffing at each person, baring its teeth at some. Miguelito spat his finger through a pool of slowly congealing blood. "What do you think of Newton as a name? I could call Newt for short."

"Fine. Fine."

Alan replied as Alan gave him a surprised look. "May the force be with you," he added and stumbled something unintelligible under his breath.

Later, Alan shot little graphic representations of ships into graphic representations of explosions, he put his one, his prized, his...

...from the frenzied freshmen. Suddenly, Glacier Boy descended the steps into the seething cauldron of humanity that the Chesterboard had become. He clutched the navy book to his chest, and, breaking through the circle, stopped the chanters in mid-line.

"The Great Bob said you would teach me to use this," he said, tracing the silver letters of the cover with a reverent finger. The freshman, with glazed eyes, the spell momentously broken, ran off screaming to Noeyes.

"No ordinary mortal could possess a Tommy and not go insane," whispered a worshipper. "You must be ... Glacier Boy!" The head worshipper gestured to a spot near the Egon. "Come, sit with us, and we shall instruct you in the ways of the Tommy." Glacier Boy sat, inhaling the sweet incense and stared he opened his book. His mind opened and he beheld wonders that he had never seen before. . . . (Of course not, he never goes to lecture. What do you expect?)

Two more bodies were discovered in Blacker courtyard—the final identification determined they were Lyloddis. Curiouser and curiouser said Alice as she reached for the small bottle with the label on it (not again, stop it stop it stop it) Curioser and curiouser said Glacier Boy, his mind having expanded because of the instruction the acolytes of Tommy had given him. Fang, the large black cat-like animal, was pacing the hall in front of the library as Glacier Boy ascended the stairs to his room.

"Nice kitty, good kitty-cat... Annaliese! Call off your attack anima!! said the Glaysh as he edged towards his door. Fang bared his teeth and hissed at Glacier Boy. Fang's slow tongue cackled his red lips, his white teeth shone through the semi-darkness... Suddenly, Miguelito passed by and, growling, showed large incisors to Fang. Fang hesitated for a moment but when Miguelito began to curse he whispered away into a dark corner of Alley 6. Miguelito growled again and went into the library just as Glacier Boy's door slammed shut behind him. Glacier Boy, safe in his room, was nevertheless at the half-page headline of that week's Tech: BUST OF JUSTICE STOLEN! BOTH BOC AND RICKETS SEEK CULPRIT!

Annaliese Beery, Freshman, impounded for questioning.

"Huh? I guess the Fresh Nonfire Committee did decide they needed a ceremonial idol to sacrifice at the Festival of Fire."

Then, from the hallway outside, there came a muted, blood-curdling scream, a thump, and then silence. Glacier Boy whirled around as the Tommy began to glow a deep red. He hauled the door open, expecting to see the Swedish Bikini Team doing another Budwiser jingle over the universe. But Glacier Boy was not at all pleased. A Swedish Bikini Team doing another Budwiser jingle over the universe. But Glacier Boy was not at all pleased. A Swedish Bikini Team doing another Budwiser jingle over the universe. But...
Bridge Without Sam
by Jeff Goldsmith

Freeze 'n' Squeeze
The first round often seems to be the most. It is not easy to be in full form yet, so extra concentration is worth expending. On the first board of a large matchpoint tournament, I pick up the sort of hand I only hold at matchpoints.

• AK10 47 3 8 107
• AK10 3 4 10 7
• AK10 4 2

RH0 deals and passes and I open 2♣, the big bid in our system. Partner bids 3♣, semi-automatic, and I continue with 2NT to show my 23-count. Partner transfers to spades and bids 3NT, giving me a choice of games. I'm likely to be best, all things considered, but this partner is not a good judge of when to suppress his major in deference to matchpoints, so I do it for him, knowing that my decision could turn out wrong. In hindsight, though, trying to stop is sometimes a good idea. When dummy hits, I test and I have luckily compensated for partner.

South
North
NORTH 2♣ 20
2NT 3♣ 36
3NT 3♣ 30
PASS

With partner's hand, I would have bid Stayman to find a 5-4 spade fit, but would have bid 3NT if I did not find one. Fortunately, we reached 3NT anyway.

I am a little surprised by the opening lead. It is the short side. I think that they have found the double-dummy best lead. I wonder how she found it?

My first order of business is to ensure a second heart stopper. I can do that by the technique called "freezing the suit." I cover with the 7 of diamonds and cross to the club.

Three people, Xanthi, Moon, and Cyrus, are undergoing an experiment. All three people are perfect logicians, and all three people are aware of this fact. An arbitrator blindfolds them, and puts one hat on each of their heads. The hats are either black or white, and it is not the case that all three are white.

All three people know this for a fact. What they do not know is that in this experiment, all three hats are black. Then the arbitrator removes the blindfolds so that each person can see the hats of the other two people but not their own hats. Then they immediately try to deduce the color of their own hats.

After a while, Moon stands up and announces that her hat is black. How did she figure this out?

The scorecard printed for the soccer puzzle was incorrect, as you no doubt quickly found if you tried to solve it, The Tech would like to apologize for any frustration this may have caused you. The correct card is printed below.

The answers to the soccer game were printed next week, along in the "Old Hat" section.

Anything you'd like to see in this column? Send your suggestions, comments, or ideas to Wei-Hwa Huang, MSC 542, call x5140 and leave a message, or e-mail to whuang@cco.

Games & Puzzles: an 'old hat' problem
by Wei-Hwa Huang

Here's an old problem that should be familiar to most of you. I'm planning to discuss this problem and variations in a later issue of the Tech, so please send any thoughts, variations, etc. to Wei-Hwa at one of the addresses at the bottom of this column.

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Sternmania: The Unofficial Guide to the Howard Stern Show
by Joe Long

Sternmania, written by a fan of the Howard Stern Show, claims to be an unofficial guide to the Stern Show. Not really a guide, Sternmania is actually a list of 500 trivia questions about the lives, careers, and hijinks of Stern and his wacky cohorts Robin, Fred Norris: King of Mars, Joke "the Jack Man" Marling, Stuttering John, and of course Bobabouie. Many of the questions are quite funny, and their topics bring back memories of some of the more exciting events in the show's history. Several of the questions are on little known facts, which may be an unofficial guide to the Stern Show.

We speak English, Chinese, and Spanish.
Caltech basketball: hoops a-hoppin’
by Bryce H. Elliott
NCAA Division III’s top scoring offense came into Braun Center last Saturday night. Reminiscent of the Loyola-Marymount teams of the Gather-Kimble days, the University of Redlands Bulldogs brought in a run-and-gun style that emphasized a quick three-pointer far more than stingy defense. The stingy defense of the Caltech Beavers, however, held the Bulldogs to 44 first half points. The Beavers controlled the tempo and were within five at intermission. The second half, however, was another story. Both teams ran at will, and although the game was exciting to watch, it just wasn’t Caltech’s style. They paid the price as they gave up 62 second half points, falling to step both the break and the offensive rebounding of Redlands. Two Beavers had two outstanding offensive performances. Freshman Josh "MJ" Moats had 34 points, and senior George Papa scored 30.

Redlands, showing a more balanced attack, put six players in double figures to make the final 106-85. On Wednesday, the Beavers were away from Pasadena for the third time in five games, travelling to Whittier to take on the Poets. Caltech came into the game very optimistic about the outcome. Whittier was 2-13 on the year, and without in conference. It was obvious that the Southern League University had the more talented squad. Each offensive trip that the Beavers executed, they came away with a good shot. Poor shooting and some defensive breakdowns by the Beavers kept the Poets in the game, and Whittier was up 35-27 at the half. Caltech got further and further away from the team concept that had made them so successful early in the season as the second half progressed, and Whittier made a run that put them up by 15. The Beavers had a few ineffective minutes to cut the lead to single digits a number of times, but poor execution kept the Beavers from taking control again. When it was said and done, Tech was on the losing end 73-56. Moats led all scorers with 21, and Papa contributed 15, but on five of sixteen shooting. Papa headed reuniting with nine on the game, as the Beavers fell to 8-3-5 on the year and 0-5 in SCIAC play.

This Saturday, the road-weary Beavers will be again, this time facing thedept of the Loyola-Marymount teams of the past. The Beavers don’t figure to pull that one out, but hope to make the Kingsmen sweat as they fly every inch of the court. Caltech is optimistic about the outcome.

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Our Past

The African-American students have a longer history. They created a Black Students Union (BSU) in the early 1970's that survived for more than ten years. Lee Browne, former Director of Affairs, Action programs, worked with students to start the first social outlet under-represented ones would have. After the social explosion on various college campuses nationwide in the late 1960's, Black students came to institutions of higher learning for the first time. This brought two cultures together, but in a very tense atmosphere.

As found in the Big Red '75, the BSU was "organized in recognition of the fact that the intense purpose of the Black party in Winnett Lounge, a reception dinner for the Black poet Leon Welch, who gave a recitation of her poetry, and an end-of-the-year picnic at Chantry Flats." Curiously enough, the "present form" of the Black Student Union, the Caltech chapter of the National Society of Black Engineers (NSBE), seems to be an exact copy of the BSU of twenty years ago. It has held a welcome party for returnee students, a social outlet for African-American students to become more aware of their culture.

All of these organizations have run by and dedicated to the undergraduate population. However, Club Latino ventures out of this arena, and, for the first time at Caltech, deals with issues concerning graduate students. At either level, all of these groups are important. Under-represented students traditionally have found problems not just through culture shock, but misunderstandings in dealing with staff, faculty, and occasionally, security. While these problems are solved, the students need to have an island of serenity so that they may begin to concentrate on the only time they should: simply graduating from college.

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### Classified Ads

**FOR SALE—**

**THE 1985 ASCOT VAN!** Offered "as is". Submit your sealed bid to GEGS at MSC 287 or go online by February 7. All bids are subject to acceptance by the ASCOT Board of Directors.

**FUNDRAISING—**

**GREEKS & CLUBS EARN $350-$750 for yourself plus $50-$250 for your club!** Call Employment Alaska at (800) 922-9535.

**JOB OPPORTUNITIES—**

**ALASKA SUMMER FISHERIES** now hiring. $700/week work overtime. $1500/month vacation. Call Employment Alaska at (800) 353-1927.

**SERVICES—**

**PH.D. PSYCHOTHERAPIST** experienced in working with the unique issues of highly intelligent, creative people. Dr. Dwaine Westley, (808) 884-3126.

**SUMMER EMPLOYMENT—**

**REWARDING SUMMER 1993. Forest service, hotel staff, dude ranch, etc. + $2000 or government positions available at national parks. Fun Work, Benefits + personal! For details call (510) 345-1504 or ext. 0995.

**BATES...**

$4.00 for first 30 words; $4.00 for each additional word. Written ad with payment to 40-50 deadline is 6 p.m., Monday before issue for on-campus issue but found.

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### Computers

**Canon**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>486 VESA LB</td>
<td>Pentium overdrive ready (P26)</td>
</tr>
<tr>
<td>486SX</td>
<td>Pentium overdrive ready (P26)</td>
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<tr>
<td>486SXX</td>
<td>Pentium overdrive ready (P26)</td>
</tr>
<tr>
<td>486SX-25MHz</td>
<td>Pentium overdrive ready (P26)</td>
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<td>Pentium overdrive ready (P26)</td>
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<tr>
<td>486SX-50MHz</td>
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<td>486SX-66MHz</td>
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**C3M**

- Pentium overdrive ready (P26)
- 256K cache
- 4MB ram up to 32MB
- 25MB IDE hard disk
- 3 1/2" & 5 1/4" floppy drive
- 14" SVGA full screen (32X)
- VESA accelerator SVGA W/MB
- 2 serial, 1 parallel
- VESA dual IDE FDD/HD controller
- 101 keyboard
- 3 button mouse
- Disk drive: CD-ROM (25ms)
- 16-bit sound board
- No extra charge
- 3.5 HD titles

**Canon**

- New Intel enhanced 486SX-25MHz
- 4MB ram up to 12MB
- VGA accelerator video card (3.8 Winmarks)
- 120MB IDE hard disk
- 1.44MB Floppy drive
- 9600 Fax/2400 modem
- Built-in trackball (Middle)
- Memory: hours 5.9 hrs
- 110-240 automatic
- 5 9 lbs
- Microsoft DOS 6.0
- Microsoft Windows 3.1
- Microsoft Works 7.0
- Mouse Fax by Phoenix

**Canon NoteJet 486**

- 486SX-25MHz
- 486SX-33MHz
- 486SX-50MHz
- 486SX-66MHz

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**EPSON**

- ActionLaser 1500
- HP III compatible
- 14 resident fonts
- 13 scalable fonts
- 2MB ram up to 5MB
- 150 sheet paper tray
- 101 keyboard
- 3 button mouse

**CANON**

- BJ-2000
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**This week special**

**EPSON**

- Stylus 500 Inkjet $205
- Stylus 800 Inkjet $285
- LO-5700+ $245
- LO-1070+ $359
- LO-1170 $619
- EPL-8000(10ppm) $829

$590

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**BjC-600 Colorprinter**

- High resolution color printer
- BJ-600
- HP 505c
- 256 dpi
- 388 dpi
- 176 cps
- 176 cps
- 4800 per page
- 4800 per page
- 1600 print/seconds
- 100 sheet feeder

$585

BJ200 $279.99
BJ200 $389.99
BJ200 $389.99

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**Canon**

- LBP-430Laser: 4ppm, PCL5, 1MB up to 5MB $757

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**School PO& Welcome**

90 days same as cash leasing program available

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**Pasadena Computer**

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Mon.- Fri. 9:00-6:00 Sat. 10:00-6:00 Sun. 12:00-4:00

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**11841 Wilshire BL LA, CA. 90025**
Tel/(310)575-4028 Fax/(310)575-3831

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**January 28, 1994**
Events and Lectures

**Science, Ethics, and Public Policy Seminar—**

The California Tech Seminar on Science, Ethics, and Public Policy will host a talk by a scientist from the lab of Nobel Prizewinner and former Caltech President Robert Bank.

**Attention Climbers! La Sportiva and Rudy Hoffmeister are planning a climbing shoe demo at Caltech, MC 4141 at 4:30 P.M.**

**Tuesdays, Thursdays 3-7 P.M. (818) 792-6634**

**For more information contact Gary Menz at 942-3844.**

**Every Thursday from 5:30 to 7:30 P.M. in the Biology Center, room 171.**

**At the Charles G. Koch Charitable Foundation summer students to apply for its Summer Fellow Program in market-based public policy. The ten- week program, running from June 11 until August 30, will bring 20 students from around the world to study major policy questions and public policy issues in an academic environment.**

**Informal discussion with students and faculty. For more information contact: Nancy Anzini, (202) 485-7425.**

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