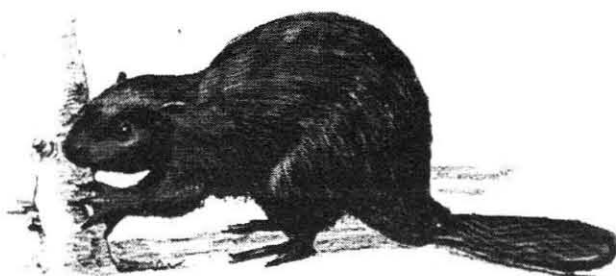




November Elections are coming. Proposition and Student Perspectives.

see pages 1, 4, 5, 7



Caltech wins "the big one!" First soccer game win in five years.

see page 6

THE CALIFORNIA TECH

VOLUME C, NUMBER 7

PASADENA, CALIFORNIA

FRIDAY, OCTOBER 30, 1998

PHYSICS TEACHERS AWARD GOODSTEIN OERSTED MEDAL

COURTESY OF MEDIA RELATIONS

The California Institute of Technology is pleased to announce that David Goodstein has been awarded the 1999 Oersted Medal by the American Association of Physics Teachers. The medal is to be presented at the Association's annual meeting in Anaheim next year.

Goodstein teaches Ph2a at Caltech, where he has been on the faculty for more than 30 years. In 1995 he was named the Frank J. Gilloon Distinguished Teaching and Service Professor.

His book, *States of Matter*, published in 1975 by Prentice Hall and reissued by Dover Press in 1985, was hailed by *Physics Today* as the book that launched a new discipline, condensed-matter physics. His research in experimental condensed-matter physics has dealt with phases and phase transitions in adsorbed, two-dimensional matter, ballistic phonons in solids, superfluidity in liquid helium, and critical point phenomena. This work has led to nearly 200 scientific publications. He is currently working on a future flight experiment that will examine the dynamics of the superfluid phase transition in the absence of gravity.

Goodstein was the host and project director of *The Mechanical Universe*, a 52-part college physics telecourse based on his popular lectures at Caltech. The project, which has been adapted for high-school use and translated into many other languages, has been broadcast on hundreds of public-broadcasting stations and has garnered more than a dozen prestigious awards, including the 1987 Japan Prize for television.

The Oersted Medal, established in 1936, is the most prestigious award of the American Association of Physics Teachers and recognizes a teacher for notable contributions to the teaching of physics. A monetary award of \$5,000, an inscribed medal, and a certificate are presented to the winner. There have been two previous Caltech winners of the Oersted Medal: Robert A. Millikan in 1940 and Richard P. Feynman in 1972.

Pumpkins, Prufrock, Parties

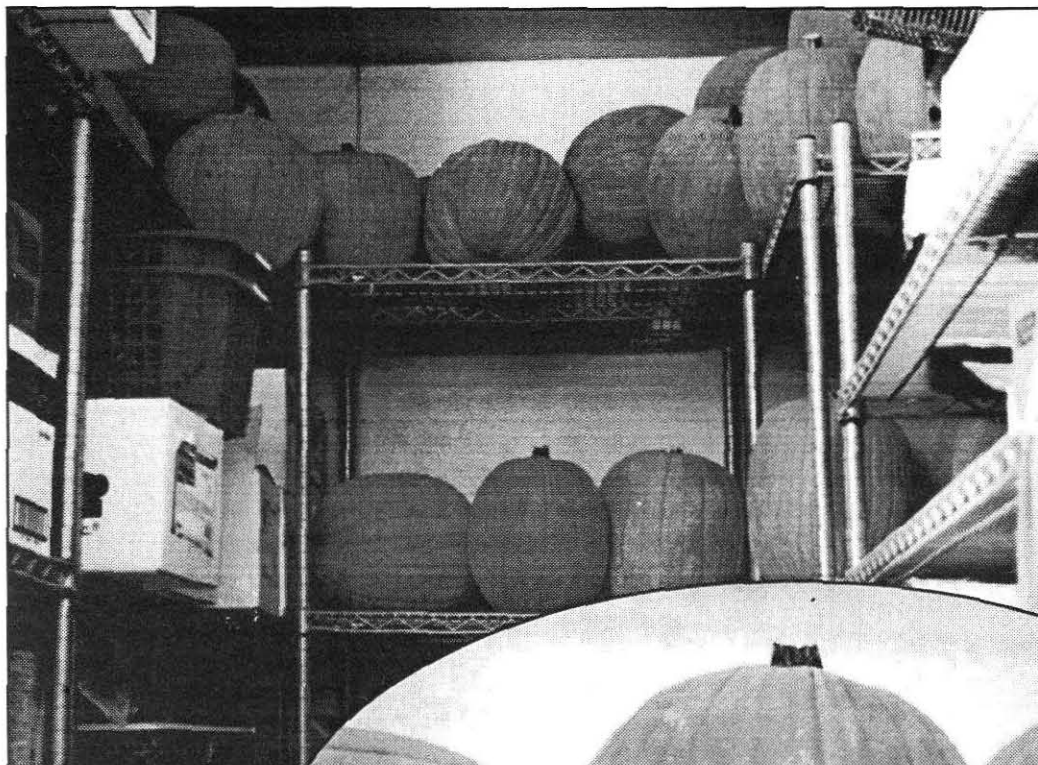


PHOTO BY ERIC DILL

BY TECH STAFF

Most of the Caltech Community is on campus for holidays such as Easter, Thanksgiving, and Valentines Day, however, the festivities for any of those celebrations don't compare to Caltech at Halloween.

First off, there is the world famous Millikan Pumpkin Drop Experiments, hosted every year by the members of Dabney House. Dabney Scientists have been dropping liquid nitrogen cooled pumpkins in hopes of producing a 'blue flash' for several years. The last time the flash was seen was in 1988. The members of Dabney House are using a different technique this year in hopes of seeing the blue flash.

The pumpkins have gone through various stages of freezing all through out Halloween week. Last night, they were moved from their temporary placement in the Coffeehouse freezer to their LN₂ home. The pumpkins will remain there until the drop.

The Pumpkin Drop will take place at midnight (tomorrow night) on Saturday, October 31st at the west side of

PLEASE SEE HALLOWEEN ON PAGE 6

Dabney Hovse prepares pumpkins for the Millikan Gravitational Accelerator by first chilling them in the Coffeehouse freezer. The pumpkins were moved to LN₂ Thursday night to reach "Blue Flash" temperatures.

California Votes Electricity, Horsemeat and Furry Mammals

BY TIM RAUB

Tuesday is election day! On November 3, American voters

will have the opportunity to choose politicians who will make laws that affect your way of life and mine. California voters have an added privilege and responsibility — they will cast votes for or against each of ten ballot measure (propositions). If a ballot measure is passed on election day, it will become a law. Propositions have limited bilingual education and challenged affirmative action in past years. Here is a brief summary of selected ballot mea-

sures. For more information, visit the secretary of state's web site at <http://Vote98.ss.ca.gov/>.

Prop. 4 prohibits trapping furry, nongame mammals with steel-jawed leghold traps.

projects which will build new classrooms and repair old build-

PLEASE SEE ELECTION ON PAGE 7

Negative Time Tommy's Run



PHOTO BY ERIC DILL

When clocks shifted back last weekend, members of Blacker House continued an old tradition: driving to Tommy's, eating, and returning to Caltech before they left

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Clubwatch!

The **Big T** is currently looking for a business manager. This position is ASCIT appointed so sign up on the door of the ASCIT office in the SAC. The Big T is also looking for photographers and layout staff. This week there's a meeting in the Student Publications Office, SAC 40. If you are interested in joining the Big T, email wren@ugcs.

The **California Tech** meets every Friday at 12:15 in The Coffeehouse for pizza, review of the current issue, and article assignments. Additional article assignments are made at the Monday meeting in the Tech office (SAC 40) at 9:00 p.m. Email editors@tech for more details.

Evil Geniuses for a Better Tomorrow: Meet on Wednesday

at 11:42 in Kirkhoff 298. Plan to take over the student shop. We also need an isolated staging area.

The **Francophile Club** meets the first and third Tuesday of every month to view subtitled French movies in the South Catalina Recreation Room at 8:00 p.m. They are also looking for a new Treasurer. Email franco@its for details.

The **Jamroom** is open to all members of the Caltech Community. It is located in the basement of Winnett and is reachable from the west side of the building. Fees are \$5 per term. For more information email jamroom@its.

The **S.P.E.C.T.R.E.** Library of Science Fiction and Fantasy novels is available to the

Caltech Community. Drop by SAC 36 to sign up. Email spectre@its for more details.

Students for the Exploration and Development of Space (SEDS) will be hosting a Halloween Movie Night, free to the Caltech Community, in the subbasement of Moore at 7:00 p.m. Candy will be available. For more information email seds@its.

The **Student Shop** is holding sign-ups today at 5:00 p.m. at the student shop. Email studshop@its for details.

If you would like your group or club reported about in Clubwatch!, please email editors@tech with the appropriate information. Solicitations will be directed to business@tech.

The Outside World

by Cheryl Forest

Washington, DC: On October 23, Israeli Prime Minister Benjamin Netanyahu and Palestinian leader Yasser Arafat signed an interim peace accord. The agreement calls for Israel to withdraw its troops from land in the West Bank. In exchange, the Palestinians have agreed to a detailed security plan to protect Israel from terrorist attacks. Extremists on both sides have been violently opposed to the outcome. The latest response occurred Thursday when a Palestinian suicide-bomber tried to blow up a school bus filled with Israeli children; one of the army jeeps in the convey accompanying the bus intercepted the vehicle and took the brunt of the blast.

United Nations: The U.N. Security Council decided on Thursday that sanctions against Libya are going to continue. Once Libya turns over two suspects in the bombing of Pan Am Flight 103, the sanctions will be suspended.

Stockholm, Sweden: At least 60 people were killed and about 100 were injured early Friday (today) when a fire raced through a crowded discotheque. According to a local rescue service leader, there are signs that the fire was deliberately set.

Ankara, Turkey: A Turkish Airlines plane was hijacked Thursday by a man demanding to be taken to Switzerland. The pilot landed at Ankara after convincing the hijacker, described as a Kurdish militant, that the plane was making a refueling stop in Sofia, Bulgaria. This is the second time in about a week that this plane has been hijacked; last week's hijackers were protesting the decision by French officials to deport a Kurd to Turkey.

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DEADLINES

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Letters to the Editor: 6 p.m. Tuesday
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Board of Control: Summary of the Third Term BoC Talks

Third term each year, the Board of Control eats dinner in each of the undergraduate houses and holds a discussion afterwards with the house members about the Honor Code. These visits are designed to give members of the community an opportunity to voice their concerns about the state of the Honor Code and the Board of Control, and to have any questions they may have answered. Below is a summary of the major issues raised and the concerns voiced in the talks held third term of the 1997-1998 academic year.

One of the most common concerns was insuring the quality of Board decisions. Currently the two major mechanisms for insuring quality decisions are the need for 3/4 of the Board to agree on any decision made and the review of each case by the deans of students. Suggestions for additional safeguards included:

1. Requiring a rep to be sure of guilt "beyond a reasonable doubt"

- before voting to convict
2. Barring reps from introducing information not relevant to the case at hand
3. Requiring that an administrator sit in on Board of Control hearings
4. Creating a panel of faculty members to review Board decisions
5. Creating a separate undergraduate body to make the Protection of the Community decision
6. Allowing the defendant to request that the Vice President for Student Affairs attend the meeting which the defendant has with the deans after a conviction by the Board.
7. Requiring training in listening skills for all BoC reps

Another major worry was that of consistency of protection decisions. Some people are concerned that the Board does not use precedents as a means for making protection decisions. They feel that this may result in inconsistent and thus unfair decisions.

The philosophy behind the current system is that so many factors affect the protection decision that no two cases are so similar that the protections decision from one can be blindly used in the other. One suggestion for increasing the consistency of decisions was to spread out the elections of Board of Control representations over the year so that there is never a completely new board.

Many students were also concerned that there was not enough information about the Honor Code and the Board of Control being released to the community. People felt that there was a general lack of understanding about how the Board of Control operates and some also felt that by releasing so little information, the Board could not be held accountable for its decision. Three solutions suggested were:

1. Releasing abstracts of past cases
2. Having more opportunities for the community to ask questions

- of the Board.
3. Allowing the defendant to request that the Board release the names of people involved in cases in addition to simply an abstract.

Some people also were concerned that there did not seem to be many opportunities to change the Board of Control. The two primary methods of contact between the community and the Board are third term BoC talks and open business meetings held by the Board. Any concerns students have about the Board or the Honor System can be voiced in these forums; however, the Board of Control bylaws are a subsection of the ASCIT bylaws and can be changed only by vote of the entire student body. Anyone who would like to discuss possible changes to the Board of Control bylaws should bring up the issue at one of the weekly ASCIT meetings. These meetings are held at 10:00pm in Sac 33.

The final concern involved the interpretation of the Honor

Code. People are concerned that they have no way of knowing where the fine lines are. If what may be an Honor System violation under one board is not considered one by the next, how is the community informed of such a change? One suggestion was that the BoC reps be more public and share their views with the community.

Two issues were brought up by the Board. The first, how rotation violations were handled by IHC and the Board. The second, how cases that are referred to other offices by the BoC Chair and Secretary are dealt with in terms of record keeping.

All of the issues discussed above, and any other issues that are raised, will be addressed at an open business meeting of the Board of Control. Anyone is welcome to attend and refreshments will be provided.

If you have any questions or concerns about the above report or the Honor System and the Board of Control in general, please feel free to contact me at x6200 or e-mail [coc-chair@ugcs](mailto:boc-chair@ugcs).

Respectfully,

Alan Rosenwinkel
Chairman, Board of Control

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LETTERS TO THE EDITOR

Don't neglect Caltech sports events!

Dear Editors,

I would like to thank the fine editors of the *Tech* for the wonderful job that they did on the issue of October 23. What especially struck me was the quality of the reporting on the UCLA Bruins football game versus the Oregon Ducks.

It is a damned shame, however, that the brilliance that brings week-old news to encompass the entirety of the sports section of that issue cannot bring the word to the campus of the fine effort that the Caltech athletic teams put forth that week. If I remember correctly, it is still a Caltech school newspaper, and Caltech teams participated in sporting events that rival, if not surpass that of UCLA.

One such example is the water polo team, that played at home versus Claremont-Mudd-Scripps, the 20th ranked water polo team in the nation. Still, the Beavers played well, with the final score of 15-6, a significant improvement over their showing against this same team last year, where the final score happened to be 15-0.

You might wonder how I knew this; did I go to the game, did I see it in person? No, but I care. I ask anyone I know how they did that day in practice or during a game, and they respond, usually with enthusiasm, that they played really well, and gave their best shot against a formidable opponent.

However, the reason I was not at this water polo game was because I had a soccer game to play. We played Occidental, a very good conference opponent. And with the support of those who enjoy the hard work our teams put into games, we put in our best effort of the year, with the final being 2-1, unfortunately in favor of Occidental.

The soccer team puts in long hours of practice and faces many tough games and embarrassments, just for the hope of having a game like the one we had on Wednesday, where we just a lucky break away from winning the game. It was a well-played, hard fought game, that no one will know about.

These moments are few and far between for Caltech athletics in conference competition, but apparently the editors of the *Tech* do not deem it worthy of their valuable newspace, which they choose to fill with worthless drivel and mindnumbing advertisements.

I remember last year when a small piece was put into the *Tech* about a soccer game we had against Whittier, which we nearly won in the final ten minutes of the game. I was proud to be a part of that team, and the fact that people came up to me at random, after they had read the article, to ask about that game, well, that made the biggest impression on me.

It is unfortunate that the editors of the *Tech* have chosen a different path for this newspaper.

PAUL NOVAK

Candidates, their look, their

Here's how the candidates stack up for Tuesday's election. I tried to be impartial, though I rarely vote Republican:

GOVERNOR

GRAY DAVIS (Dem)

Lt. Governor
pro-choice
gray helmet hair
resembles David Spade
two thumbs up salute
quote: "I believe our public schools are broken," Gray Davis has said, "and as Governor, my first priority will be to fix them."

My take:

way to take a stand on that education thing
stable, and competent
would try to turn CA more conservative
poll-trolling desperation Jimmy Carter?

DAN LUNGREN (Rep)

State Attorney General
limited abortion
dead rat on head
resembles Bob Dole
arms crossed "educated" look
quote: "With the Child Molester ID line, and now Megan's Law, it seems that when we fight to protect kids, we are an unbeatable team!"

taking credit for Megan's law is a bit overreaching bland,

not very original
Richard Nixon?

SECRETARY OF STATE

Michela Alioto (Dem)

Ran for Congress in 1996
winemaker in No. Cal
Been in a wheelchair for half her life really, really wants people to vote
Would make elections multi-day or mail-in
So pretty she should be 90210
outline of the state

Bill Jones (Rep)

Secretary of State (incumbent)

poses with blond wife for photo ops
really, really wants CA to vote first in the presidential primaries

middle-aged white man

CA bears everywhere (but actually in the wild, anymore)

Quotable (on campaign finance reform):

"As a candidate who has run for both federal and state office, Michela Alioto has experienced in the advantages and disadvantages of both systems."

My take:

They really both seem kind of lame. Michela has no plans yet to meddle with other officials' affairs, as Bill Jones did when he authored a bill for the governor in 1994.

GOVERNOR

Sara Amir (Green)

Environmental Scientist
immigrant from the Middle East
against the death penalty
NoCal girl

Cruz Bustamante (Democratic)

Speaker of the Assembly (CA legislature)
Child of immigrants from Latin America
cut taxes
lives in Fresno

your

here

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quirks, their issues and the election, by Cynthia Gong

Sara Amir (Green)

The "look"

head shot of attractive face

quotables:

"I support local control of
mies and believe
that stimulating small
business will bring long-term
sustainable economic development..

I am pro-choice, believe in universal
health care and insist that women
receive equal pay for equal work. We
must prohibit state-sponsored
executions and stop overflowing our
prisons with people convicted of
victimless crimes."

My take:

She seems totally smart and
together. The Green party
ignores mudslinging politics,
and I think it's to their
suspicion.

Tim Leslie (Rep)

State Senator only white male candidate! (only in California) limit abortions crime is a linchpin issue
the "look"

and proud of it

quotable:

"My experience with cancer opened the doors to meeting some inspirational people and gave me cause to
seek out others who have dealt with this disease."

My take:

He's funny when politicians try to seem empathetic

U.S. SENATE

Barbara Boxer (Dem)

U.S. Senator (incumbent)

CA state treasurer pro-choice

environmental bedfellow

courting high technology

NoCal born and raised

based more gun control

Air Force vet, low key style

the "look"

short hair, aggressive

Schpiel

play on her name:

Boxing" for CA interests

quotable:

After speaking to students
sweltering in the 110 degree

Cruz Bustamante (Democratic)

working hard at desk strewn with papers

"My ability to work with Republicans and our econo-
Democrats has been good for California's
working families."

Riding high on the political coup that got
him the Speakership in a GOP-majority
state Assembly. Backroom deals with Pete
Wilson, a.k.a. the Great Evil, arouse credit.

Matt Fong (Rep)

limit abortions to the first 9 weeks
would steal water from NoCal for SoCal
courting traditional ag and oil interests
Pacific Palisades now, Central California
forget gun control! attack politician

low key, balding Asian who looks white. stance
Surrounds himself by kids too young to be
his.

Asian but conservative appeal to whites "

With all due respect to the Big Four and
to my great-great-grandfather who was a heat because

Barbara Boxer (Dem)

the school is

not air conditioned, Senator
Boxer personally donated two
fans to help the students in
Ms. Holtemann's class keep
cool. A group of staff members
at the Sacramento Bee
generously matched Senator Boxer's
donation with two additional fans.

my take:

She makes over six figures a
year and all she could give
students dying of heat was a
couple of lousy fans?

U.S. REPRESENTATIVE

Barry Gordon (Dem)

actor

did the voice of Donatello
on "Teenage Mutant Ninja
Turtles"

would censure but not impeach

Clinton

right to choose

modern education

stricter gun laws

the "look"

loves the camera

quotable:

I support a raise in the
minimum wage, child care tax
credits, and other programs
to provide incentives to
companies to train new
workers, and to re-train
displaced workers. Further,
we must ensure that any new
trade agreements (or
old ones)

contain proper and effective
safeguards for workers'
As a Congressman,
I will fight hard to
protect jobs for American
workers."

my take:

Barry's totally liberal and
I like it. He'd be a good
balance to the GOP, which
is swinging decidedly right.

Matt Fong (Rep)

great-great-grandfather who was a Chinese
laborer—the single most important
ingredient for making this a truly Golden
State during the past 100 years was
water... Without our water system, the
vibrant cities of Southern California would
still be sleepy villages

Way to play the race card, cuz. Water was
and is a very important part of CA life,
but I think we could have made it past the
sleepy village stage by now.

James Rogan (Rep)

U.S. Congressman (incumbent)

wrote a report for Newt Gingrich to
study the constitutionality of
impeachment hearings for Clinton

Calls for Clinton to step down

antiabortion

wants to require creationism in schools
opposed the Brady Bill

looks like a toupee... but it's not.

Sponsored a joint resolution proposing an
amendment to the Constitution of the
United States restoring religious freedom.
***Constitutional Amendment - Declares
that: (1) To secure the people's right to
acknowledge God according to the dictates
of conscience, the people's right to pray
and to recognize their religious beliefs,
heritage, or traditions on public expansion of
property, including schools, shall not be
infringed; and (2) The Government shall
not require any person to join in prayer rights,
or other religious activity, initiate or
designate school prayers, discriminate
against religion, or deny equal access to
a benefit on account of religion.

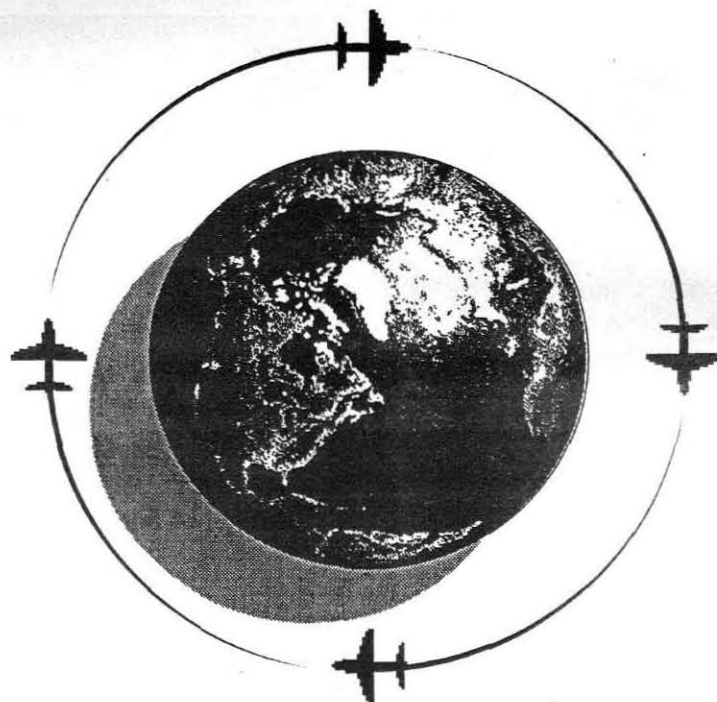
Hey man, don't we already have an
amendment that protects religion? Like
the First Amendment? And I'd bet he'd be
less accomodating of people's right to
their religious heritage and if they are the
hallucinagen consuming or occultish type.
I don't dig the separation of church and state.

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SYDNEY

TOKYO
TORONTO
WARSAW
WASHINGTON, D.C.
ZÜRICH

Caltech Soccer: Golden Goal truly golden

Soccer team triumphs over Redlands, winning first conference game in five years

BY DANIEL SONG AND TIM RAUB

The Men's Soccer team snapped a 52-game conference winless streak last Saturday as they fought an emotional, back-and-forth game with Redlands through two periods and overtime, eventually prevailing with a score of 3-2.

The game started off as so many have for the Beavers, who looked outmatched by a faster, flashier Redlands team. The Bulldogs played keep-away for long stretches, and the ball was in Caltech's half for most of the first 45 minutes. Despite a half-dozen near scores, Redlands and Tech came into halftime knot-

ted at zero. The game looked like it would be a constant struggle between Caltech's stifling defense, shored up by standout goalkeeper Brian Frazier, and Redland's barrage of quick strikes.

The second half began where the first had left off, as Redlands scored a quick goal in the 48th minute. Dale Parkes scored the equalizer for Caltech ten minutes later, and three minutes after that Stefan Kazachki used his height to head a ball past Redland's goalie at close range. Frustrated, a Redlands player

drew a red card for a dangerous tackle from behind, putting Redlands at a man disadvantage for the rest of the game. Frazier stopped a Redlands penalty kick

minutes of regulation to force an overtime period, in which Stefan Kazachki scored a second "golden goal" which would prove decisive.

Said senior Matt Barnet, "We played really aggressive and hard. We were very intense, and played to win. The win was great, but now we have to focus on the three tournament games. If we keep up our intensity, we can win all three." Head Coach Phillip Howells added, "This victory was well deserved. We played very well in our last two games.

Unfortunately, we lost to Occidental [2-1] on an own goal, but we finally got the breaks in this game [that we didn't get against Occidental]. I thought the key to this victory was team solidarity. We lost a lot of starters due to injury earlier in the year, and once the players came back, we started to play as a team."

Junior Stefan Kazachki mused, "It was important psychologically to win, especially for the seniors [who had never won a conference game]. Now that we know how to win one, we'll be able to win more." But perhaps Assistant Coach Julie Tingle said it best: "Oh my God, we kicked butt!"

"Oh my God, we kicked butt!"

shortly after, but Redlands' striker put the ball in Caltech's net with twelve minutes to go. Redlands had another goal called back by a borderline offside call, and the Beaver defense held tight for the last ten

Ultimate Team leaps into action

BY GERALD PALMROSE

Ribbit. With this manly cheer of the Caltech Club Frisbee Team, the Frogs pulled off a stunning upset of Occidental College (Oxy Westward Ho) in their opening match of ultimate frisbee. The game was the first of two games played by Tech in the Pomona Invitational, which took place last Saturday morning.

The Frogs opened slowly - getting used to playing with each other, but played great in spurts to stay close throughout the game. Led by star handler Gabe Powers and team creator Ben Brantley, Tech took a 7-6 lead at halftime.

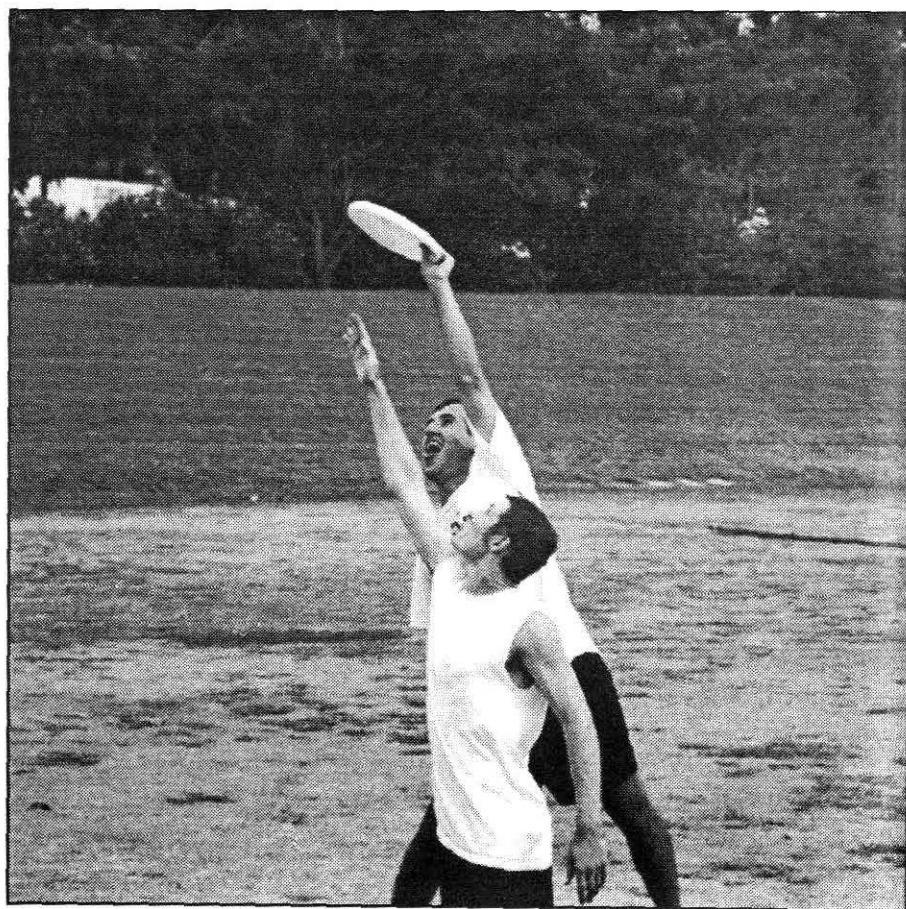
In the second half, with Oxy tiring from playing in their second consecutive match, Tech capitalized with multiple long bombs. Leading the charge were long-cutters Gerald Palmrose and Jesse Ward-Karet, who helped Tech keep the pressure on Oxy. Tech was then led in the home stretch by veteran players "Spaz", Chris Brichford, and Max Kullberg. The game winning score was made by Kullberg, who emphatically high-

fived his teammates, while Oxy looked on, shocked that they had lost to the Frogs of Caltech 14-12.

The Frogs then played another match directly following their first, this time against the Claremont Team. Due to a lack of consistency and the superior disk-handling of the Claremont Brain Eaters, Tech lost 13-5. However, individuals showed great promise for the future, evidenced by the emergence of Palmrose, Shahram Ardalan, and David Bustos, all playing their first college frisbee match.

The team played with nine players, which allowed for two subs to stay on the sidelines, but the idea of team originator Brantley was to create a team where anyone - including beginners and novices, could practice with the team and become better at the sport of Ultimate. The invitation is thus open for anyone to come play with the team Sunday afternoons on the South athletic field. The person to contact if you have any questions would be Ben Brantley, whose email is ben@ugcs.caltech.edu.

Hope to see you there on Sunday!



Ben Brantley "skies" Gabe Powers for an end-zone score during warm-ups.

Around Sports

VOLLEYBALL

A packed Braun Gym of over 450 fans witnessed the final game of women's volleyball this year. The game was the last for seniors Leigh Engen, Hanna Cai, and Corinne Gilliam, who now hand over control of the team to a very young but talented roster of players. Their opponent was L.I.F.E. Bible, a team against whom they had won once and lost once.

In brief, the match started out with some incredible athleticism from both sides, which were highlighted by Karen Lam's devastating stuffs. However, the first game got away from Tech, as LIFE Bible methodically constructed brilliant play after brilliant play.

However, after losing 15-6 in the first, Tech roared back to take the next three games, 15-10, 15-7, and 15-6 to put away LIFE Bible and put a cap to their successful season. It was evident that the large fan turnout gave a huge mental boost to the Lady Beavers, who seemed to feed off of every cheer. At match point, the entire crowd was on their feet, appreciative of the hard work put in by Tech throughout the game. It was quite a sight to see the spectacle.

INTERHOUSE

Softball is over, so the Houses and Hovses have fallen into rank and file athletically. Lloyd dominated each game, winning 63 points for finish-

ing unbeaten. Ruddock (5-1) was the sleeper of the tournament, placing second. Fleming (4-2) placed third and Page (3-3) was fourth (better get used to it), while Blacker (2-4), Ricketts (1-5), and Dabney (0-6) rounded out the standings. Interhouse Soccer began Tuesday, and Fleming and Ruddock appear to be favorites.

DISCOBOLUS

So far for Fleming, it's been as easy as 1, 2, 3... Beginning with a victory over Page in soccer to gain the Discobolus trophy, they held off Ricketts in soccer, then Ruddock in softball. It remains to be seen if anyone can beat Fleming this year.

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WELCOME

OPINION

Voting on California propositions next Tuesday? Read this!

BY TIM RAUB

The Election

If you're registered to vote, you owe it to yourself to cast an informed vote. If you are not old enough or registered to vote in California, you still should inform yourself—anyone who doesn't bother to learn about current issues has no right to complain about any politician or issue decided upon by a vote that he or she didn't participate in.

Proposition 1a

This Bond Act is an alternative to a cheaper, more effective way of funding school repairs called Pay-As-You-Go Financing, which the legislature rejected last year. Funding of public K-12 schools should be a local issue (Why should my money build a classroom in Sacramento?), and it would serve the legislature right if voters rejected this measure, forcing politicians to either take flak for not funding public education or else pass Pay-As-You-Go Financing.

VOTE

NO

Proposition 2

It's going to pass, so you might as well vote for it.

YES

Proposition 4

A smart voter will ask, "why are these traps used in the first place?" The traps and poisons prohibited by this measure are used by farmers and ranchers mostly in the northern half of the state to protect their livestock from predators. There are already restrictions on the locations in which these traps and poisons can be used in order to prevent environmental contamination and preserve public safety. What this bill comes down to, then, is either a couple of furry mammals (read: bears, wolves, coyotes, mountain lions) can be accidentally steel-jawed each year, or else a couple of livestock can be mauled by those same furry mammals. Ranchers have a right to use traps and poisons to protect their livestock, as long as these same measures don't threaten humans.

NO

Proposition 5

Federal law already guarantees that tribes can operate casinos on reser-

vation land. It also makes these casinos free from federal taxes. Proposition 5 expands the games that these casinos can offer, and forces the State to enter into a similar contract with Indian casinos which would limit government regulation and eliminate state taxation of these casinos. Gimme a break! Native Americans casino-owners should be subject to the same responsibilities as other casino-owners. What gives them a right not to pay taxes?

NO

Proposition 6

Just because it's gross doesn't make it wrong. If I want to eat horsemeat, I should be able to. It can't be worse than TFM. As Prop 6 opponents say, "Just say neigh to nutty, unconstitutional proposals by wealthy socialites with nothing better to do."

NEIGH

Proposition 7

I couldn't see the mountains again today.

YES

Proposition 9

There are a lot of financial nuances to this bill, some of which I don't un-

derstand. My gut feeling is, "glass ceilings" like those imposed by this bill are bad in a competitive industry. Recent deregulation has begun to make the electricity industry competitive, and it is only a matter of time before some of the high rates which are due partly to start-up costs fall due to competition. If, in time, rates remain "inflated" above a market equilibrium price, then perhaps such a proposition would be necessary.

NO

Proposition 10

All commercials against Prop10 are supported by the Tobacco Industry. Now, on one hand, tobacco companies must be allowed to sell a product in the free market like anyone else. Taxes which single them out (excise taxes) are unfair and should not be levied. On the other hand, smoking is terrible for you. I'm not sure how effective Prop10's programs will be, but if the higher price persuades a few smokers to kick their addiction, it will be worth it.

YES

ELECTION: Ballot initiatives tackle smog, gambling, and taxes

CONTINUED FROM PAGE 1

buildings.

Proposition 2 (Transportation Funding) would make all local transportation funds (which come from fuel taxes) into trust funds, which would change the way that these loans are repaid. No one in California has come out against Prop2 yet.

Proposition 4 (Trapping Practices) prohibits trapping furry, nongame mammals with steel-jawed leghold traps. It also prohibits the use of specified poisons on these animals, and prohibits commerce in the fur of animals so trapped. There is a caveat that govern-

ment employees could use these traps when they are the only means of protecting human health or safety. This bill is sponsored by the For the Protection of Pets and Wildlife Society, which calls such steel-jawed traps inhumane.

Proposition 5 concerns Indian Tribal-State Gaming Compacts. If passed, it will allow slot machines and banked card games at existing tribal casinos. The revenues from these games would be tax-free. According to supporters, "Prop. 5 protects Native Americans' rights to have limited gaming, restricted to

their tribal land. Prop. 5 promotes self-reliance among California's Indians, keeping them off welfare. Prop. 5 shares gaming revenue with non-gaming tribes for education and health programs, and saves taxpayers hundreds of millions annually. Vote yes on Prop. 5."

Proposition 6: Prohibition on Slaughter of Horses and Sale of Horsemeat for Human Consumption. Now here's a fun one. Save the Horses Foundation put this measure on the ballot. They say, "Horses are pleasure animals, not raised for food. Horses are an integral part of

California's heritage and deserve our protection." Prop. 6 makes possession, transfer, or receipt of horses for slaughter for human consumption a felony. Possession, transfer, or receipt of horses for slaughter for dog food would still be OK.

Proposition 7 raises emissions standards for pollutants from buses and trucks.

Proposition 9: Electric Utilities Assessments and Bonds prohibits the assessment of taxes, bonds, and surcharges to pay costs of nuclear power plants. Proposition 9 would make changes to repeal recently-enacted laws which partially

deregulated the state's electricity industry. It would require electricity rates to be reduced at least 10 percent, and it would prohibit utility companies from charging consumers for bond-issues which were necessary to deregulate.

Proposition 10 would raise excise taxes on cigarettes by 50 cents per pack and other tobacco products by \$1 per pack. The revenue generated by these taxes would support state and county smoking-prevention programs, breast-cancer research, child immunizations, health care, nutrition services, and domestic violence prevention.

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ASCIT Minutes

OCTOBER 26, 1998

Present: BoD (minus Alan), Valerie Anderson, John Lin, Aaron Meltzner

Meeting called to order at 22:05.

Dealing With Guests

Aaron - The Caltech Les/Bi/Gay Union is looking to get more into the public eye by sponsoring dinner and a movie for 20 to 25 people. Aaron requests \$150 from ASCIT for this venture.

little t - Autumn and Valerie do not want the little t to be swept up in the giant IT trawl net that Baldeep is weaving. They want full control of the little t to rest with the editors. This will get sorted out later between Autumn, Valerie, Baldeep, and Mike. The editors also want to get paid and want the BoD to consider a bonus.

John Lin - Everyone's favorite (former) ASCIT Treasurer is here to get the check for a party ASCIT helped sponsor over the summer.

General Business

Thank You - Baldeep reports that clubs will be contacted soon about how they can make money by writing thank-you notes for Alumni Relations. Organizations can get \$.25 per letter up to a maxi-

mum of 400 letters (per club). Houses are not eligible for this money.

CDC - The Career Development Center met with Jaideep to express their concern about the small number of seniors going to recruitment interviews this year. In order to get more press, they are distributing information to the Resident Associates. Jaideep suggested that the ARC may be a good conduit for messages from the CDC. They will also be getting in touch with some clubs (NSBE, SWE, etc.) to further their nefarious cause.

Retreat - Rob (and Hanna?) attended the Residence Life sponsored social team retreat to Lake Arrowhead. The food was really good.

Alex - Devi reports that the Dean thinks a letter would be a fine gesture. He indicated that a tree could be an appropriate memorial.

Officer

Reports Steve - Working on the SFC data and getting wrestling pads.

Autumn - Working on the TV in the Coffeehouse. John Lin reveals that the ASCIT PA in the Jam Room is not in complete working order.

Devi - There was a poorly attended ARC meeting last week. An academic survey is forthcoming. There will be tables on the Olive Walk where you can complain about classes. The upperclassmen mentors thing is getting off the ground.

Devi will be meeting with the MSA to talk about (you guessed it), minority issues. There will be a meeting with Jim Bauer about the advising system. Baldeep asks Devi to give Mike copies of the ARC minutes. Devi wants to organize an academic and cultural "carnival".

Hanna - There will be an ASCIT/GSC Halloween party upstairs in Winnett this Saturday.

Rob - See ya later...

Alan - Alligator.

Mike - After awhile...

Jaideep - The forum on rotation has been pushed back to the weekend to make time for a survey beforehand. The IHC wants to be armed with some numbers going into this thing.

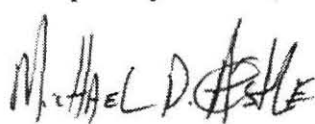
Baldeep - The big cheese reminds Rob to cut a \$150 check to the Ecphonema. We need recruit a new manager for the Big T. Interested parties may nominate themselves by signing up on the door of SAC 33.

Meeting closes at 10:47.

The BoD votes to give the CLU \$5 per person (up to 25 people) for their event. Autumn splits. The BoD votes to allocate a \$150 bonus for the little t editors. Autumn returns, more powerful than before.

Meeting adjourned at 22:50.

Respectfully submitted,



Mike D. Astle
ASCIT Secretary

FOR WITH FOOD

After a two week hiatus, I am back to fill you in on the latest and greatest in Caltech Dining Services. First off... now that omelette day has come and gone with its normal success, I am pleased to report that Wrap Day will be coming. The rotation for Wrap Day will be as follows:

- 11-2 Blacker
- 11-3 Ricketts
- 11-4 Fleming
- 11-5 Dabney
- 11-6 Lloyd
- 11-9 Ruddock
- 11-10 Page

Furthermore, I am pleased to report that the Caltech Dining Service Student handbook has finally come back from the printer and will be distributed to the student body in the very near future. This handbook will provide answers to many of the questions commonly asked of food reps about the rules and regulations concerning the Caltech Board plan. Please read this handbook thoroughly when you received it. All students on the Caltech Board plan are responsible for the information it contains.

As always, please email any concerns or questions to youeat2@its. Furthermore, if you are interested in joining the kosher/muslim board plan, email kosher@its.

Till next time,

Dave

Dave Tytell is the chairman of the Food Committee. If you have any questions or constructive comments about Caltech Dining Services, please talk to your local Food Rep or email youeat2@its.

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PhD Resume Deadline: October 12, 1998

PhD Round "0" Interviews: October 19, 1998

PhD First Round Interviews: October 27, 1998

PhD Final Round Interviews: Date varies by office

Graduating Seniors

Presentation/Case Interview Workshop: November 10, 1998

Associate Resume Deadline: December 4, 1998

Associate First Round Interviews: January 14, 1999

Associate Second Round Interviews: January 22, 1999

Associate Final Interviews: Date varies by office

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by Bill Amend

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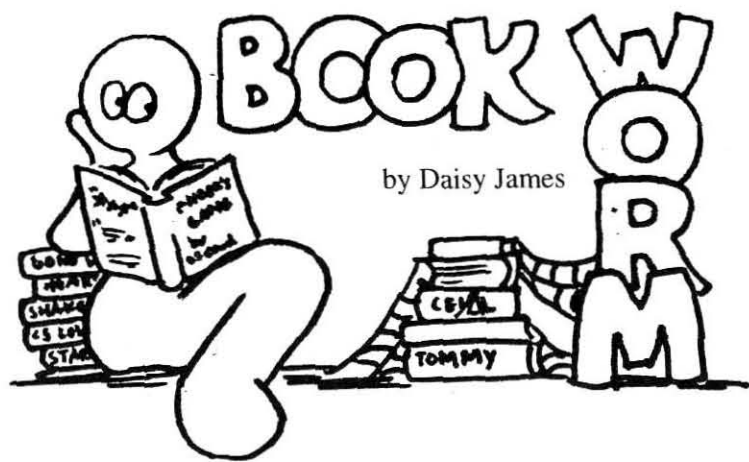
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Perfect Storm

Sebastian Junger

Just about seven years ago this week an incredible storm rocked the eastern seaboard. Created by a once in a lifetime combination of meteorological factors it was "perfect" in the sense that it could not have been worse. Of the ships that were out in it, one was totally lost with all hands and others required dangerous rescues. This has become the basis for a top selling nonfiction book, namely this one. Junger writes that he was so fascinated by the news articles that he set out for the home of the drowned sailors with nothing more than a vague idea that this was something that he wanted to write about. His dedication to staying completely factual gives the story credibility that the average "based on true events" novel lacks, but at times it detracts from the storytelling and allows the reader to remain de-

tached through what should be the most harrowing sequences. Admittedly, it is fairly difficult to trace the last moments of men of whom no trace has been found, only scattered bits of their boat. The Andrea Gail was a swordfishing boat out of Gloucester, Mass. Its crew consisted of six men from that town and the surrounding area. The first half of the book or so concentrates on them, their everyday lives their profession. There is a lot of background information about fishing in general and swordfishing in particular that bogs this part down; important I guess, but only interesting if that's your sort of thing. The latter part of the book is dedicated to the storm and everything that the author says about what happens on that boat from this point on is pure conjecture and mostly made up of descriptions of other boats in other storms. This distance keeps the reader from forming any sort

of feeling about the people who make up the centerpiece of the book. Fortunately, Junger does not limit himself to the six doomed men. Interspersed with their story are those of several other boats and a downed helicopter, all of which had survivors to add color to their stories. These are harrowing; glimpses into the real terror of skirting the edge of death. The thing that struck me the most about this book was the unrelenting masculinity of the tone. Junger says repeatedly, in his own words and those of others, that fishing is overwhelmingly a young man's job, and he seems to be out to prove it in his telling. Everyone and everything seems to be concerned with strength and power; the very premise of the book is that this was the biggest storm ever. Relationships are conducted with punches and the short, blunt statement rules supreme. Technical detail threatens to overwhelm the plot and poetry is alien to the prose. The last of these I thought was the greatest loss. Numbers and statistics simply cannot convey the awesomeness that a storm like that must have held and I felt cheated that the writer would not let me be overwhelmed. My other problem was in his inclination to talk about dreams that people had had "predicting" the deaths and the credence given to the paranor-

mal in what is otherwise a very well-grounded book. Altogether I would say that *The Perfect Storm* is an unusual and well-written book engaging but not gripping.

Pick Up Sticks

Emma Lathen
#####

Lathen is the newest addition to my list of favorite mystery authors. She (actually a pen name for two women) has written a series about Wall Street banker John Putnam Thatcher who has a knack for getting caught up in various murderous situations. Lightweight and generally amusing, they make excellent summer fare. The clues are meted out fairly but inobviously enough that things don't get boring. Strong and unusual characters make up for times that the plot falters. This, one of the earlier books, is set amongst the promotion of a vacation development in New Hampshire. A murder is, of course, committed and Thatcher is drawn in against his will by an overenthusiastic friend. One of the refreshing aspects of this series is the author's ability to draw the reader though all sorts of wild possibilities and then present a solution that is very basic and absolutely believable. *Pick Up Sticks* loses it a bit in this area; the end lost me a bit, but I was having so much fun I didn't care.

Halloween...

CONTINUED FROM PAGE 1

Millikan Library. Dabney expects to drop 42 pumpkins and other miscellaneous items.

Another annual tradition is the Prufrock Halloween Party, held at the Prufrock Graduate House, across the street from Beckman Institute, on October 31st starting in the evening.

The Prufrock party will sport frozen eggplants, many fermented items, and plenty of costumes. Last year, a random sampling of Prufrock-wear included a giant smiley face, the cast from *The Wizard of Oz*, a pumpkin-headed man, and several various characters once played by Harrison Ford. Costumes are encouraged for this party. The organizers at Prufrock have been planning their so-far-kept-secret costumes for several months.

The party is co-sponsored by the Department of Biology and open to everyone in the Caltech Community.

ASCIT will also be holding its annual Halloween party. This year the party will be held on the second floor of Winnett. Partially funded by the GSC, the party will sport two rooms, seven dj's, and a bar (ID is required.) The party starts at 9:00 p.m.

SEDS is hosting a movie night in the sub-basement of Moore. Movies scheduled to be shown include *War of the Worlds*, *Alien*, *Dead Alive*, and *Army of Darkness*. The movies are free and begin at 7:00 pm.



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Cards

Pleasantville explores clash between '50's ideals and '90's reality

by Justin Ho

Pleasantville

Justin's Rating: *** (1/2)

Rated PG-13 for implied sexuality and use of cutesy words

There's this universe known as '50s television, and much like a child's belief that the world was black and white when he/she sees a black and white photo for the first time, the denizens of this parallel world think the world is black and white too. The only problem is, they're right. So their world doesn't have technicolor, so what? They have safe sex, which is none at all, and no one's even heard of CFC's or global warming. Happy teenagers win science contests for having the swellest projects, and girls are ever so comfy in poodle skirts and sweater sets. Awkward behavior? Don't pin a girl until the third or fourth date, and by pinning, that's giving her your class pin, not a euphemism for the horizontal polka. Also, there's nothing as keen as a double first name—Betty Jane, Linda Anne, Mary Sue... oh baby.

Now, back to once upon a time. David (Tobey Maguire) is a greasy-haired awkward 90's adolescent from the non-cool side of the uterus. His twin sister's a slut-in-training. One basks in the utopia that is '50s television, and the other is a wannabe MTV sincaid. They never get along, but on a

very strange night when their boob tube show times conflict, they get zapped into an episode of a 'Pleasantville' marathon, courtesy of an old geezer TV repair man played by Mayberry's own Don Knotts.

For David, this is the ultimate experience. He's watched the show so many times that he can match head to head each word every character says, since every day is part of some episode he's seen. By taking the place of Bud, the darling son of the Parker family and Pleasantville viewers everywhere, he's been given the chance to have everything go right. There's no STD crisis, and the chance of getting a job over the next four years while he'll be in college is not decreasing. The home basketball team never misses a basket, and the awkward phase of adolescence, as glossed over by contemporaries "Father Knows Best" or "Leave it to Beaver" is non-existent. There is never one less apple than students on a teacher's desk, and the firemen always have enough time to rescue a kitty from the tree since no one's ever seen fire.

For shopaholic twin sister Jennifer, the life is a nightmare. She can hardly go on a date without bra stuffing, and without having seen an episode, she is lost in this delusional, happy world. David quickly realizes that any deviation from the script will

completely place this town on the verge of chaos, and aptly attempts to persuade Jenn to do nothing to change the course of events of the repeat episodes. The little world they're in now is not a Hollywood set—it's a real thing, full of books with no writing in them, and classes that don't teach anything but the geography of main street. It's an everyday run-of-the mill town devoid of thought, with no one objecting to the fact that they are very black-and-white.

While David attempts to remember Bud's routine, Jennifer lounges around, ever indignant of her nerdville existence, and always willing to turn this sugary avalon into something with a little more modern upswing. Besides, her skin finally cleared up, and the most popular guy in school actually noticed her, only to have some Alice in Wonderland moment and fall through the TV for a blast to shades of grey. She's an angry chica with no reason to do the Stepford mom thing.

The key to the town lies in the conformity to a routine which the creators of the show had wanted, and which rendered each inhabitant devoid of free will, yet inherently "pleasant". Besides, no one needs to do anything different if their routine is suitable and complementary to the town karma anyway. But in this version of the real thing, with the Bud/David and Jennifer/Mary

Sue swap, the roles of Bud and Mary Sue are inadequate. Mr. Johnson at the soda shop can't set the plates for customers because Bud is late, and the not-so-hormonally charged Skip can't get his basketball shot anymore since Mary Sue rejected him a first time. Dad Robert Parker still comes home at the regular hour with "Honey, I'm home" but slowly, the newcomers' failures to live up the providential script changes the very nature of the repressed town.

Jennifer, ever the trampy mistress, even introduces sensuality to the repressed teens of Pleasantville, in the hope that "maybe these people don't want to be geeks all their lives" much to David's chagrin. The citizens slowly covet things and feel things they never knew existed, thanks to the perks of introducing pop-culture-savvy David and Jennifer. Sexuality is one of them, and mirroring these changes is the presence of color. The town transmutes—first a red rose, then the defeat of the basketball team, and then fire. The books start to write themselves as they question for the first time, and their vocabulary turns less peachy keen.

The existence of color, of choice, and of the increasingly prevalent perplexities as the every-day routine breaks down gives beauty to this world of black and white. Yet, while still being

philosophical, the movie maintains a hilarious spoof of the nostalgic feelings we often associate with the '50s. Writer-director Gary Ross produces a fairly even balance of gravity and levity as the town gives way to an inevitably deeper understanding of a world outside conformity.

Even Jennifer, born and raised on the confining virtues of peer pressure, accepts this surreal world devoid of modern accoutrements, and stays rather than return to the slut lifestyle she left behind. David, though, decides to return to the world of the '90s to face another day, having single-handedly burst the bubble of his illusory happy '50s world. In a reminiscent Truman Show moment, the inhabitants of this maybe-not-so-pleasant-anymore Pleasantville have to ask themselves, "What happens next?"

The acting is richly deserving of some merit, especially Joan Allen (Ice Storm, Crucible, Nixon), and William Macy (Fargo), as the confounded parents of temporally displaced David/Bud and Jennifer/Mary Sue. There is, ofcourse, the awesome element of blending black-and-white images with color, without using the visual effects to cover up plot or character development. The movie is also endowed with an amazing soundtrack, and is richly deserving of a 3 1/2 star rating.



Lehman Brothers

cordially invites undergraduates
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Monday, November 16, 1998 at 4:00 p.m.

Student Activities Center

Room 13

LEHMAN BROTHERS

Mints

Announcements

The **Career Development Center (CDC)** is looking for current graduating seniors to participate in focus groups to assess student career-related needs. Whether you've decided to go to grad school, get a job, don't know yet, or haven't even started thinking about it, the CDC would like to hear from you. Each focus group will last approximately 2 hours (refreshments will be served) and participants will receive gift certificates. Debi Tuttle, a Caltech alum and intern in the CDC, will conduct the focus groups. If you are interested in voicing your opinion and making a difference, please email Debi at debit@caltech.edu or call the CDC at x6261.

The Literature Faculty is pleased to announce the **53rd Annual McKinney Competition**. The Mary A. Earl McKinney Prize is awarded each year for excellence in writing. Only full-time students officially registered at Caltech as undergraduates are eligible to enter the competition. This year, prizes will be given in three categories: poetry, prose fiction, and non-fiction essays. All submissions must be typewritten and double-spaced. Include your address and phone number. In the poetry category, entrants may submit up to three poems. Submissions of prose fiction should not exceed 12,000 words. Essays may be ones prepared for a humanities class or any good piece of original writing on a topic relevant to the humanities. The prize in each category will be \$300. Each student is entitled to only one entry in each category.

Contestants should submit their work to Professor Jenjoy La Belle, Division of the Humanities and Social Sciences, 101-40, by no later than April 2, 1999. Sorry, no entries will be returned. Each category will be judged by a committee from the Literature Faculty. Essays will be judged on the quality of thought and the effectiveness of the writing. Winners will be announced in May, and the names of the winners will appear in the commencement program. The Committee may divide the award in each category in case of more than one outstanding submission. Previous winners in any one category are not eligible for the competition in that category. If you have any questions, contact Prof. La Belle, extension 3605, or Barbara Estrada, x3609.

GREEN CARD LOTTERY BEGINS IN OCTOBER! The instructions for the 2000 Diversity Immigrant Visa Lottery have been announced. The dates for this lottery are October 1 through October 31, 1999. Nationals of China (mainland and Taiwan, except Hong Kong S.A.R.), India, the Philippines, South Korea, Vietnam, United Kingdom (except Northern Ireland) and its dependent territories, Poland, Colombia, Dominican Republic, El Salvador, Haiti, Jamaica, Mexico and Canada are not eligible for the program.

To pick up a copy of the procedures on how to apply for this Lottery, please stop by the International Students Programs office (Lloyd House, Olive Walk) if you are an international student, or the Faculty and Postdoctoral Scholars Office (Par-

sons-Gates 010) if you are an international postdoc, professor, researcher, or staff member.

Low-cost and free mammograms and Pap tests will be available at hundreds of approved facilities throughout the months of October and November. These facilities are listed in the free *Breast and Cervical Cancer Health Services Directory*. An English and Spanish directory is available by calling 1-800-706-3131 or visiting an American Cancer Society Office.

The **AIDS Service Center**, located at 1030 S. Arroyo Parkway, Pasadena, gives free anonymous HIV testing every Monday evening from 6:00 pm to 8:00 p.m. Walk-in are welcome but appointments are preferred. Call 888-448-9242.

Events

Halloween Party! All members of the Caltech community are invited to the annual Prufrock House Halloween Party (373 S. Wilson), starting at 8:00 pm on October 31. Costumes are strongly encouraged. This event is sponsored by the Division of Biology. For more information, contact prufrock@its.

Cancer is Scary! a panel on breast cancer will take place at Snips First Ave. Salon, in Arcadia on October 31, 1998 from 9:00 a.m. to 2:00 p.m. Featured will be medical professionals, cancer survivors, information on breast cancer, and hair and make-up tips. For more information call 626-795-7774.

"Mary Cassatt: Modern Woman," a Robert R. Wark Art History Lecture, will be given by Judith A. Barter, the Field-McCormick Curator of the American Arts at the Art Institute of Chicago, on Thursday November 5, 1998 at 7:30 pm. Admission to the lecture is free. For more information, call 626-405-2100.

The second **Science, Ethics, and Public Policy Seminar** of the fall series will be on Friday November 6 at 4:00 pm in Baxter room 25. For more information, contact Marion L. Lawrence at marion@its.

"Germans and Jews: A Personal Exploration," a lecture by President and Chief Executive of the Berlin Jewish Museum and former U.S. Secretary of the Treasury, Michael Blumenthal will take place Thursday, November 5, 1998 at 7:30 p.m. at the Skirball Cultural Center. Tickets are \$8 for general admission and \$6 for students. For tickets call 323-660-8587.

The **1998-1999 Metropolitan Opera National Council Western Regional Auditions** finals will be held at Bovard Auditorium on the USC campus on Saturday November 7, 1998 at 7:00 p.m. Tickets are \$25 each and may be ordered by calling the USC Cultural Events Ticket Office at 213-740-7111.

The **Toyrific Antique & Collectible Toy Show** will be held Sunday November 15, 1998 from 9:00 am to 4:00 pm at the Pasadena Center, 300 East Green Street. There will be over 150 vendor tables with toys and collectibles, including Star Wars, Star

Trek, Transformers, and G.I. Joe. Admission for early buyers is \$10.00, general admission is \$5.00. Over 150 vendors will be present. For more information, call 909-880-8558.

The **Pasadena Community Orchestra** will be presenting their October Concert, October 30th, 1998 at 8:15 p.m. at the First Church of the Nazarene, 3700 East Sierra Madre Blvd. Admission is free. For more information, call 626-445-6708.

"Crossing Borders: Ancient Egypt, Canaan and Israel," a public archaeological symposium will take place on Saturday November 7, 1998 from 8:30 a.m. to 5:00 p.m. at the Skirball Cultural Center. Eight archaeologists and scholars will entertain questions and share discoveries. Tickets are \$80 and \$40 with a student ID. For reservations, call 323-660-8587.

The **Distinguished Speaker Series** continues with Governor Mario Cuomo on Monday, 16, 1998 at 8:00 p.m. at the Pasadena Civic Auditorium. For information, call the Pasadena Civic Box Office at 626-449-7360.

The **Toy Train Operating Society** will be holding an open house at the Exhibition Building of the Pasadena Center, Sunday, November 15, 1998 from 10:00 a.m. to 2:00 p.m. General admission is \$5.00. Featured will be hundreds of tables filled with model trains from throughout the century. For more information, call 818-888-0603.

The San Gabriel Valley Chapter of the Red Cross is holding their first annual **Haunted Mansion** event Halloween weekend; October 29th from 6:00 p.m. to 9:00 p.m., October 30th from 6:00 p.m.-10:00 p.m. and October 31st from 5:00 p.m. to 10:00 p.m. It will be held at the Red Cross Headquarters, 430 Madeline Drive in Pasadena (corner of Orange Grove Boulevard & Madeline Drive).

Fellowships and Scholarships

NSEP Scholarships for 1999-2000

Applications for National Security Education Program (NSEP) undergraduate scholarships are currently available for study abroad in summer 1999, fall 1999, and spring 2000. Scholarships are available to U.S. citizens enrolled at two- and four-year institutions who wish to study abroad in critical world areas in Africa, Asia, Eastern and Central Europe, Latin

and South America, and the Middle East. Scholarships are not available for study in Western Europe, Canada, Australia, and New Zealand. Sophomores and Juniors majoring in science and engineering may apply to study for a summer. This summer, Walt Ogburn '99 studied Russian language in culture in St. Petersburg under an NSEP Fellowship. During the summer of 1998, Jeanne Wilson '98, who is now on a Watson Fellowship, studied Turkish language and culture in Istanbul.

The maximum scholarship is \$8,000 per semester and \$16,000 per academic year. **The campus application deadline for the 1999-2000 academic year is January 25, 1999.** Turn all materials into the Fellowships Advising Office, Room 25 of the SAC. All applicants must undergo an endorsement interview with Lauren Stolper, Director of Fellowships Advising Applications will be available in Fellowships Advising by mid-October. Additional information on preferred geographic regions, languages, and fields of study and application procedures can be found at <http://www.iie.org/nsep> (FAR)

NSF. Applications for the NSF are available in Fellowships Advising or on the Web at <http://www.fastlane.nsf.gov>. Click on the GRFP icon. The application submission deadline is November 5. U.S. citizenship or permanent residency required. (FAR)

Attention Senior Women and Minority Seniors. All female and minority seniors seeking to pursue doctoral degrees in either astronomy, chemistry, computer science, geology, materials science, math, or physics and related fields should apply for the National Physical Sciences Consortium Graduate Fellowships in the Physical Sciences. Applications are available at <http://www.npsc.org>. The application deadline is November 5. Applicants must be U.S. citizens with a minimum 3.0 GPA. (FAR)

The **Southern California Chapter of Women in Cable & Telecommunications** is offering a \$1,000 Jeanne Cardinal Grant to one female junior or senior student residing in Southern California. Applicants must plan to pursue a career in the telecommunications field, have a 3.0 or higher GPA, and be active in at least one school approved campus organization or in community service. Applications are available in the Financial Aid Office. Applications are to be completed and sent to: The Southern California Chapter of Women in Cable & Telecommunications, c/o Pamela Drake, Avenue TV Cable Service, Inc., PO Box 1458, Ventura, California, 93002. The deadline is December 31, 1998. (UFA)

The **Elie Wiesel Foundation for Humanity** sponsors an annual essay

contest for full-time undergraduate juniors and seniors in colleges and universities throughout the United States. Essays must be submitted on behalf of a student by a college or university administrator, faculty advisor, or faculty member, and be accompanied by a completed entry form. No more than three (3) essays may be submitted from the same college, university, or campus in any one contest year. To obtain an entry form and further information, send a self-addressed, stamped envelope to: The Elie Wiesel Prize in Ethics, The Elie Wiesel Foundation for Humanity, 450 Lexington Avenue, Suite #1920, New York, NY 10017. No FAX submissions will be accepted. Entries must be postmarked by January 22, 1999, or be delivered to the Foundation of office by 5:00 p.m., January 22, 1999. (UFA)

Chela Financial is pleased to offer 150 scholarships of \$1,000 each to help students reduce their loan indebtedness for the 1998-99 academic year. Three students will be nominated from Caltech. Applicants must have a minimum \$2,625 outstanding loan balance, be enrolled at least half-time, must demonstrate financial need, and have a 3.0 or above GPA as of October 1, 1998. To apply, submit a current academic transcript, current resume, and personal statement to the Financial Aid Office. The deadline is October 30, 1998. (UFA)

The **Caltech Financial Aid Office** is proud to introduce a new link on our website called the Financial Aid News. This site is designed to provide students with updated information about scholarship opportunities at Caltech. Our office will post these scholarship opportunities on a weekly basis. You can view the web site at www.finaid.caltech.edu/news.html. (UFA)

For information on the listed fellowships, assistance with essays, for clarification of questions, contact:

FAR - The Fellowships Advising and Resources Office.

For information, please contact lauren_stolper@starbase1.caltech.edu. To make an appointment, call x2150.

UFA - The Undergraduate Financial Aid Office.

For information, call x6280, or stop by 515 S. Wilson for an appointment.

To submit an event for the Mints, contact mints@tech.caltech.edu or Mail Code 040-058 by noon on the Monday prior to its inclusion. Submissions must be brief and concise. Please do not send Mints in difficult formats like binhex or word document, .rtf and ASCII are best. The editors reserve the right to edit and abridge all material. Solicitations will be referred to the business manager.

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