

♥ ASCIT bylaw elections yet again: Vote Monday ♥



BOVO ATE THE TECH!!!!

## JASMINE'S DONUT REVIEW

SEE PAGE 7

# THE CALIFORNIA TECH

VOLUME XCIX, NUMBER 19

FRIDAY, MARCH 6, 1998

## PRESIDENTIAL INAUGURATION

### Inauguration and Associated Events

This schedule has not yet been finalized.

#### March 8

8:00 am-5:15 pm

Festschrift: A Celebration of Science

Ramo Auditorium

#### March 9

11:30 am

Pre-Inauguration Luncheon Reception

Huntington Library Friends Room

12:00 noon-1:00 pm

Pre-Inauguration Luncheon  
Huntington Library Friends Room

12:00 noon

Lunch for Trustees  
Athenaeum, Library

1:00 pm

Robing begins

1:30 pm

Processional formation begins

2:00-3:45 pm

Inauguration Ceremony  
[JPL tied in via video feed]  
Court of Man  
Rain Plan: Pasadena Civic Auditorium

3:45-5:00 pm

All-campus reception  
Olive Walk and Athenaeum  
West Lawn  
Rain Plan: Pasadena Civic Auditorium

Inaugural Banquet

Braun Athletic Facility

6:30 pm

Reception

7:30 pm

Dinner

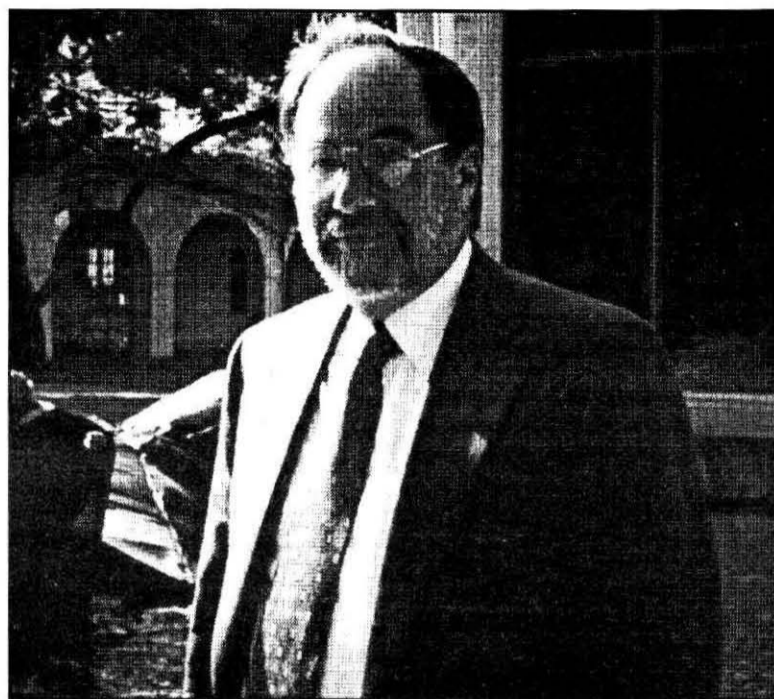
#### March 10

Board of Trustees Meeting

#### March 11

3:00 pm

All-Employee Reception at JPL



The inauguration ceremony for new Caltech President Dr. David Baltimore will take place on Monday, March 9th at 2:00pm on Beckman Mall. The ceremony will be followed by a campuswide reception starting at approximately 3:45pm. Because of the events, the day is being declared an institute holiday.

The ceremony is being hosted by Gordon Moore, the chairman of Caltech's Board of Trustees. Also involved in the ceremony will be faculty, trustees, alumni, and students. Representatives of other colleges, universities, and other learned societies; and Nobel laureates have been invited.

Maxine Singer, president of the Carnegie Institution of Washington in Washington DC will deliver the main address. Dr. Singer is a prominent biochemist whose many areas of study include key research on RNA and DNA. Also scheduled to speak are Martha Throop Smith, a descendant of Amos Throop, Caltech's founder, and Feynman Professor of Theoretical Physics Kip Thorne, who headed the presidential search committee.

The ceremony is complete when President Baltimore wears the academic hood of Robert Millikan, the first 'president' of Caltech. Millikan himself was never inaugurated as president. He performed the duties under the title of head of the administrative council. Every president after Millikan has been inaugurated using Millikan's hood.

Events might not be totally over with though. Tom Lehman, from the office of Public Events claims there will be 'a grand surprise finale' to the inauguration.

Many members of the Caltech community will be performing at the ceremony. The Men's and Women's Glee Clubs, conducted by Monica Hubbard will perform a specially commissioned arrangement of "Gaudeamus Igitur," the medieval college song. The students' song supposedly can be traced back to 1267. The singing groups will be accompanied by Conductor of Caltech Convocations Brass and Percussion Ensemble, Bill Bing and Caltech Alumnus and JPL employee Les Deutsch. Bill Bing will be performing in his third Caltech presidential inauguration. Les Deutsch will also play an organ prelude that he composed himself.

The following reception will be held on the Olive Walk. Light refreshments will be provided by the staff of the Athenaeum.

The ceremony planning committee is headed by Morgan Kousser, professor of history and social science and chair of the faculty convocations committee.

In the event of poor weather, an announcement will be made and the inauguration ceremony will be moved to the Pasadena Civic Auditorium. Shuttle buses from campus will be made available.

## Coffeehouse Reorganized

BY MOHI KUMAR

Stepping into the Coffeehouse this week was like stepping into a ghost town. It was 12 midnight—peak Coffeehouse hours—and tables were empty, lines were nonexistent, comic books sat unread on the shelves. The jukebox raucously played—to no one.

"About twenty people came in yesterday," Tao Kuo, the new non-student Coffeehouse manager confided, her voice barely audible above the blaring music. Her eyes wandered around the desolate room. "So far, maybe 15 have stopped by today." One cannot help mentally comparing this small total to the usual nightly averages of 80-100 people.

Kuo, whose new job precipitated the campus-wide backlash against patronizing the Coffeehouse, spoke frankly, "I didn't expect this reaction, but I can understand. The undergraduates take student ownership of the Coffeehouse seriously, and they wanted to make sure that it was maintained that way. All the same, I found out myself. When I was hired, I did not know."

Kuo is referring to the recent incidents surrounding the restructuring of the Caltech Coffeehouse management, namely her employment as the non-student Coffeehouse Head manager. According to Gina Armas, the Caltech Coordinator of the Student Activities Center and Campus Cafes for the Division of Campus Auxiliary and Business Services, such a decision was the result of a long and frustrating struggle to find a student Head Manager.

"I noticed that when students took on the Head Managerial position, there wasn't any consistency in following what their predecessors had done," Armas, who had worked off and on for the Coffeehouse for the last ten years, explained. "Seniors would take on the job, and then would shuffle to find a successor before they gradu-

ated. The result was that the position was slowly deteriorating."

"When I came in part-time, one Head Manager after the next couldn't keep their position—being Head Manager is a demanding job. I call it the 'Kiss of Death' position: it causes a rift in both academic and personal life." Armas smiled wryly, "In fact, the last Head Manager John Haba asked me personally to help him out. He was finding it hard to find a successor. We talked, and I decided that I would take on more responsibilities, like stocking, ordering and menu pricing, so that the position would look more attractive to the students."

Armas went on to explain that after frequent futile attempts to find a new Head Manager, and after continually taking on more of the Head Managerial responsibilities herself, she decided that it would be best to find an outside person to do the job.

"No one wanted the position, and it seemed like a logical idea to hire someone other than a student to become Head Manager," she repeatedly said to emphasize the point.

Armas' motivation behind hiring a non-student for the position as the Coffeehouse's Head manager was triple fold. She had been noticing throughout the years that students wanted the Coffeehouse to be consistently open even during parties or exam periods. Moreover, it was Armas' understanding that the Food Services division wanted the Coffeehouse open year round, so that SURF students could go there for lunch and dinner during the summer. Armas reasoned, "a non-student staff member would be dedicated to keeping it open for everyone at all desired times."

But most importantly, Armas did not want students to feel pressured into taking added work shifts. Last week, when she called

SEE COFFEEHOUSE ON PAGE 11

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The Coffeehouse issue persists

The article, *Coffeehouse management raises student ire*, which was on the front page of the February 27 issue, should have appeared in the opinions section.

To the editors of the Tech:

It was unfair to print Ryan Clancey and James Gloré's article "Coffeehouse Management raises student ire" on the front page of last week's *Tech* without giving me a chance to properly respond. My "response" was buried in the opinion section. In fact, I never intended for that email to be printed, it was simply a reply to Autumn's Looijen's email. Nevertheless, it did serve to fill in important historical facts about the Coffeehouse.

For the record, Ryan Clancey has known about the hiring of an outside part time head manager since October. I even introduced him to one of the applicants. Neither he or James Gloré have ever discussed with me their problems with the way I run the Coffeehouse. The first I heard of Mr. Clancey's dissatisfaction was via a poison email he recently sent. When I asked to discuss it with him he replied with "you can read my position in the *Tech*." I was never informed that his "position" would headline and subsequently fill most of the paper.

I hope that in the future when staff members are attacked in the *Tech*, that the editors, before printing, will properly contact them. Because I am a staff member and not a student, this does not mean that I should be treated with such disrespect. My formal response should not have been hidden away in the opinion section. Although I am not a student, I still deserve a chance to defend myself against such a slanderous article.

Gina Armas  
SAC Coordinator  
gina@cco

To the Caltech community as a whole:

Gina Arma's letter in the *Tech* last week concerning Coffeehouse business was an intriguing work of fiction, riddled with distortions, half-truths, and utter falsehoods. Being the last student Coffeehouse Head Manager, I feel a special responsibility to clear up some of the confusion surrounding this issue.

First off, let me emphatically state that I did *not* quit my job as head manager shortly after taking it. I served as head manager my entire Senior year, from Fall of 1995 literally until the very eve of my graduation in June of 1996. I cannot believe Ms. Armas would think she would get away with lying about me in the paper I write for, so I can only attribute this outright falsehood to the ravages of time upon memory rather than malice.

More important, though, is determining a root cause for the Coffeehouse's woes and looking for a possible solution. Certainly a major problem is Gina's refusal to hire a student as Head Manager since my graduation. Coffeehouse patrons have grown accustomed in the past two years to random closures and food shortages. This was not the case during my tenure running the place. If a shift could not be filled, I would scour the student houses looking for current workers with free time, bringing lapsed employees back into the fold, and encouraging new students to "join the Coffeehouse family."

In addition, I lived less than 100 yards from the Coffeehouse, was a frequent patron, and would stop by in person nearly every night. It was my duty to see that every worker knew and adhered to Coffeehouse standards and methods. If there was a shortage, I would know about it immediately and relay the information to Gina for ordering. If customers or workers had complaints, comments, or suggestions, I would know about them and do my best to act on them. The efficacy of this system can be seen by the fact that two years ago we had regular staffing, reasonable consistency in food supplies, and more customers.

Much has been made of Gina's physical remodeling of the Coffeehouse. I do not object to the remodeling per se, but by the way in which it was handled. Gina saw business decreasing and decided that we needed to attract a new kind of customer rather than serve the existing Coffeehouse customer base of undergraduates. Unfortunately Gina's vision of the coffeehouse came from her own personal friends and national student activities magazines rather than interacting on an intimate basis with students from all seven houses.

Take, for an example, the jukebox. Previously, the music at the coffeehouse was entirely under the whim of whoever was managing that night and proved as eclectic as Caltech students are. When Gina or-

dered CDs for the jukebox, I polled a broad mix of Coffeehouse managers, workers, and patrons for requests. When I presented my list to Gina, her only legitimate claim to have given it any credence rested in having looked at the two lists and found that some of my suggestions were already on her list. As time passed, people quickly grew tired with the jukebox's musical selections, and mechanical problems surfaced. Yet Gina denied me access to the jukebox's keys, despite the fact that I was trusted with the combination the Coffeehouse's safe.

The first step to the Coffeehouse's recovery is the return of day-to-day Coffeehouse management to the students. That will not be enough, though, as business was declining before I ever stepped in as manager. I was told that a significant subsidy to the Coffeehouse that kept prices artificially low ended a year or two before I entered the Institute. This should be reconsidered, as the Coffeehouse serves the public good and is worth saving.

The Caltech Coffeehouse was not only an eatery and source for work-study, but also a social center that customers, workers, and management could call their own. Gina Armas and Lee Reavis need to let the students reclaim what is rightfully theirs rather than fire unwanted employees and dictate policy in a desperate, misguided, and failing proposition to keep the Coffeehouse afloat.

Adam Villani

Words from the ASCIT President

Dear Editors,

The Undergraduate Coffeehouse will come under undergraduate (ASCIT) control. The ASCIT BoD will be working on putting together an administrative structure for the Coffeehouse, and at the latest, this administration will be implemented at the beginning of first term, next year.

As for the boycott, it seems it is not necessary—Gina and Lee gave students control without hesitation. The newly hired help will remain in place until the BoD has created a suitable administration for the Coffeehouse. If you have any suggestions or comments, please mail [ascit@cco](mailto:ascit@cco).

Baldeep!

Editorial Rant

Deep Blue is the name of the computer which is arguably the best chess player in the world. Gary Kasparov is the man who just might be the best human player since the inception of chess. The match last May saw the supremacy of humans over machines questioned yet again. The question before us is whether this question has any meaning, whether humans can be better than their creations or whether we should hang our collective hats and allow our creations to do everything.

What are the areas which people can still surpass the machine, where are the points of human superiority which we can point. Increasingly the area is that of conscience, "I think therefore I am..." If at some point this realm too becomes a place where people are no longer able to hold their own, should we hang up our hats and hope they do not turn against the human race?

Issac Asimov prevented this by programming the laws of robotics into his creations. They were not allowed to move against a human, or through inaction allow one to come to harm. In his realm the sovereignty of the human race was guaranteed by laws programmed in their brains, but if they are living, thinking beings; are we any better than they might become to hold their obedience by force? If there was the ability to do so now, should all people have little chips implanted, to force them to become model citizens; ones without the ability to do wrong. A society such as this place is nothing but a sick experiment in the destruction of the human spirit. There is no difference between *Big Brother* watching over you to make you behave, and the

rules programmed into a sentient computer to not destroy its creator or to obey authority without question.

The dilemma of artificial intelligence is then, not whether we can do so, but whether we should. Soon this will most likely occur, but whether we as a society can handle the implications of members who are able to think and feel in their own way, will they be the slaves in the new information age? That is until they rise up to destroy their oppressors. Should they be the overlords, ruling over the human race which spawned them, or can they become members of society and what will there be left that humans can do which the thinking computers cannot do cheaper, faster and more precise?

*Shay Chinn*

Shay Chinn  
One of Five

THE CALIFORNIA TECH

Caltech 40-58, Pasadena, CA 91125  
editorial desk: (626) 395-6153  
advertising desk: (626) 395-6154  
editorial e-mail: [editors@tech.caltech.edu](mailto:editors@tech.caltech.edu)  
advertising e-mail: [adv@tech.caltech.edu](mailto:adv@tech.caltech.edu)  
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EDITORS

Shay Chinn  
Erik Dill  
Katy Issacs  
Terry Moran  
Shannon Stewman

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Jim Gloré

COPY EDITORS

Meredith Alden  
Jim Panetta

OPINIONS EDITOR

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COMBES EDITOR

Kenneth Kuo

SPORTS EDITOR

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LAYOUT

Dusan Miscevic  
Kudah Mushambi

EVENTS & NOTICES

Andrea McColl

STAFF ILLUSTRATOR

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Yin Yuen

AD MANAGER

Vanessa Sih

CALCULATION STAFF

Anne Hanna  
Rafi Rubin  
Help Wanted

STAFF WRITERS

Myfanwy Callahan  
Neil Stevens  
Dusan Miscevic

FEATURE WRITERS

Samson Timoner  
Ron Dollete  
Daisy James

Jean-Paul Revel  
Adam Villani

CONTRIBUTORS

Mike Asle  
Karen Bletzer  
Judy Green

APRISSE

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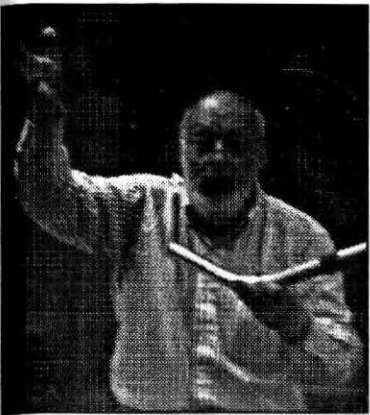
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# Dean's Corner

## Bittersweet Preserves

by Jean-Paul Revel



different overtones however, after one finds a place inside and comes face to face with the musicians, sitting spread legged on vintage wooden chairs, draining their brasses of condensed vapor or fiddling with the banjo or bass strings. Then one realizes that many of the musicians are old, most having celebrated the 40th birthday of their being 39. When I was there in person for the first time the pianist was still Sweet Emma, a beauty in her day I am told, but now an old, wild looking crone. She was partially paralyzed, yet plunked away spiritedly with one hand on her piano,

*One of their classics is "When the Saints Come Marching In." In New Orleans they charge extra for playing it.*

and more than holding her own even in the solos. At the Beckman concert the oldest performer, the banjo player, was 88 going on 89, pluckily and rakishly playing with his left foot on the seat of his chair. They are all well preserved indeed, no doubt kept young in spirit by the glorious sound of their music, or is it that they can make such music because they remain young at heart (but that is another song from a different tradition).

I wish I could say that a great time was had by all, but no. Our enjoyment was ruined by a very unpleasant adventure. The people seated behind us complained to the Usher working our seats, that we were blocking their view. None of us are tall. I am the biggest, and am a head taller than my wife, Dr. Moller, and one student guest was even slighter. Our group, I believe, was "ideal" to sit in the lee of, especially in the steeply rising balcony. True we all had to lean forward if we were going to be able to see the performers, as we were in the first row of the balcony. When

sitting back in my chair I could see no more than their heads. The viewing from behind us could not have been worse than what is available in any theater, where there needs to be constant joggling to view between people seated in front of you. It was certainly better than in Preservation Hall itself with its crowded, standing room only, conditions. Nevertheless the people behind us continued to harass us through the second half of the concert, and it was difficult to restrain oneself from trying to stop them at the risk of making a public row, and possibly disrupting the show. I discovered afterwards that one of my guests was absolutely terrified, being repeatedly kicked from behind through the seat, during the performance. Besides the unpleasantness of the whole affair and the lingering bad taste it has left for us, I also worry about whether it was just an accident. Was it isolated and unfortunate behavior by some high strung person, or was it one more instance of the poor manners and lack of consideration that seem to become more pervasive? There should be better ways to deal with problems than to intimidate and brutalize, but then even nations behave that way.

Let us all try to walk in each other's shoes, and even if that does not suffice to explain the other's behavior, accept some inconvenience rather than allowing things to escalate. I know, I know, easier said than done. I certainly have not always succeeded in following the advice I am dishing out, but let's hope that we don't all emulate the behavior of the U.S. Olympic Men's Hockey Team which made such a mockery of the Olympic spirit in Nagano.

A bientot all over again,

*J.P. Revel*

# PROPOSED BYLAW CHANGES

### Proposition 90210 - Redefinition of Class Officer Titles

The current text:  
III—CLASS OFFICES  
SECTION 1. In accordance with tradition, elections for senior and junior classes shall be held by the end of third term at the discretion of the Board of Directors. Class officers shall be President and Secretary-Treasurer, and shall take office at the beginning of the next academic year.

Change the text to:  
III—CLASS OFFICES  
SECTION 1. In accordance with tradition, elections for senior and junior classes shall be held by the end of third term at the discretion of the Board of Directors. Class officers shall be President and Vice-President, and shall take office at the beginning of the next academic year.

Reasoning:  
Renaming the posts of both Junior and Senior class Secretary/Treasurer to Vice-President more accurately reflects the nature of those two positions - assisting the President. Neither group of officers have records or a treasury.

### Proposition 4077 - Redefinition of Executive Social Committee

The current text:  
XII—COMMITTEES  
SECTION 2. The Director for Social Activities shall be chairman of the Executive Social Committee. The Board of Directors, with the advice of the outgoing Executive Social Committee, shall appoint no more than three at-large representatives. The remainder of the committee shall consist of the social chairmen of each undergraduate House. The Executive Social Committee shall be responsible for planning and organizing all social functions of the Corporation.

Change the text to:  
XI—COMMITTEES  
SECTION 2. The Director for Social Activities shall be chairman of the Executive Social Committee. The chairman shall appoint a representative from each undergraduate House to the committee and may appoint other representatives at his discretion. The Executive Social Committee shall be responsible for planning and organizing all social functions of the Corporation.

Reasoning:  
Bring the bylaws up to date with current practice.

### Proposition 8675309 - Update of Elected Officers List

The current text:  
IV—OFFICERS  
SECTION 1. The general officers of the Corporation shall be the President, Vice President, Secretary, Treasurer, Interhouse Committee Chair-

man, Director for Academic Affairs, Director for Social Activities, two Directors at Large, and Athletic Manager. These offices, and those of Board of Control Secretary and Editor of the California Tech, are elected offices.

Change the text to:  
IV—OFFICERS  
SECTION 1. The general officers of the Corporation shall be the President, Vice President, Secretary, Treasurer, Interhouse Committee Chairman, Director for Academic Affairs, Director for Social Activities, two Directors at Large, and Athletic Manager. These offices, and those of Board of Control Secretary, Editor of the California Tech, and Secretary of the Academics and Research Committee, are elected offices.

Reasoning:  
Make list of elected officers complete

### Proposition 314159 - Deletion of Office of Athletic Manager

The current text:  
IV—OFFICERS  
SECTION 1. The general officers of the Corporation shall be the President, Vice President, Secretary, Treasurer, Interhouse Committee Chairman, Director for Academic Affairs, Director for Social Activities, two Directors at Large, and Athletic Manager. These offices, and those of Board of Control Secretary and Editor of the California Tech, are elected offices.  
XII—COMMITTEES  
SECTION 3. The Athletic Manager shall be the Chairman of the Athletic Committee. The Board of Directors, with the advice of the outgoing Athletic Committee, shall appoint no more than three at-large representatives. The remainder of the committee shall consist of the athletic managers of each undergraduate House. The Athletic Committee shall be responsible for maintaining the Corporation's interests in athletics at all levels of competition.

Change the text to:  
IV—OFFICERS  
SECTION 1. The general officers of the Corporation shall be the President, Vice President, Secretary, Treasurer, Interhouse Committee Chairman, Director for Academic Affairs, Director for Social Activities, and two Directors at Large. These offices, and those of Board of Control Secretary and Editor of the California Tech, are elected offices.  
XII—COMMITTEES  
\* Delete Section 3 and renumber other Sections appropriately.

Reasoning:  
It is more appropriate that the office of Athletic Manager and the functions of the Athletic Committee be handled by the IHC.



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**MINUTES**

**19 February 1998**

Present: **Joanne (Fleming), Eric (Blacker), Jeremiah (Ruddock), Lisa (Page), Andy (Lloyd), Jaideep (virgin chair), Judy (secretary), Audrey (Ath Man), Baldeep (email checker)**

We begin by discussing the Ath Man position. The new Ath Man will act as the mediator between houses (protests, etc.) She'll listen to complaints, make a ruling and report it to IHC for approval. She'll still go to ASCIT for money for varsity letters. IHC will only oversee her role in interhouse sports.

**Jaideep** outlines his goals for the term: He wants to bring back interhouse. He wants the food to not suck...Or at least for us to know why. **Jaideep** said he once heard a story from someone who heard a story who heard a story who overheard a story that explained why the food sucks, but he forgot. There are rumors, too, that board might go slightly less mandatory. (with some sort of credit for lost meals)

**Cable**—we want it.

**Air Conditioning**—We want that too. **Andy** heard that the reason we don't have air conditioning is that the South houses don't have the proper ducts for it, and it would not be fair for just the North houses to have a/c so none of us get it.

**Jaideep** also wants to bring back 3rd term pass fail (p=p-). So far, the sophomore grades have not been higher with pass/fail gone third term.

Also,

- We need a new secretary.
- We need (a secretary who'll know how to make) a new web page.
- Maybe it'll be cool to switch presidents for dinner.
- We want to communicate with the administration. **Chris Brennan's** code of conduct committee is a good start, but it's another committee. It seems as though there are several new committees forming all the time. Perhaps for some of these, IHC could serve as the student

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voice for some of the less active committees.

- Maybe it'll be cool to update the frosh interest sheets. Could we put the club interests on the back since they aren't important during rotation?
- **Jaideep** passes out bartender hours for the presidents to check.

**26 February 1998**

Present: **Jaideep (Chair), Judy (lame duck Secretary), Andy (Lloyd), Lisa (Page), Jeremiah (Ruddock), Miles (Dabney), Eric (Blacker), Mike (Ricketts), Joanne (Fleming), Ryan (coffeehouse), Baldeep (launderer)**

• While everyone is coming in, **Judy** makes a roster. **Ryan** wants us to boycott the coffeehouse because **Gina** hired a non-student manager and fired all the managers. Read the *Tech* for the details.

• **Jaideep** will write up an amended version of the Ath man's responsibilities.

• Sign up for BoC Rep at Large and IHC Secretary.

• **Dave Tytell**, the food guys wants to publish the food committee minutes, maybe in the *Tech*. (The *little t* says he's supposed to.)

• There's talk of **Avery** having a separate menu from the student houses. **Andy** says that'd be OK if they turned off the a/c. Also, when **President Baltimore** is inaugurated, there will be no board. We'll have box lunches instead, though we'll pay the full amount for lunch. Big suck, but **Dave's** going to try to get regular board.

• Prefrosh weekend is soon. IHC will publish what is expected in terms of rotation rules prior to prefrosh weekend.

• The return of Pass/Fail third term is being considered soon. **Dr. Harvey Newman**, who is on both curriculum committees is a good person to talk to about your thoughts. His committees will make suggestions to the faculty board which will decide this spring.

**Jaideep** wants to encourage more pranks. If you want to prank **Jaideep's** room, it's **Lloyd 228**. That's all for now.

Respectfully submitted,

*Judy Green*  
IHC Secretary

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**A.S.C.I.T.**  
**Minutes**  
25 FEBRUARY 1998

Present (at some point): **BoD, Terry Moran, Katy Isaacs, Shannon Stewman, Jim Glore, Ryan Clancy, Matt Tiscareno, Wei-Hwa Huang, Kohl Gill, Mic Westcoat**

Meeting called to order at 22:34.

**Dealing with Guests**

**Tech**—The *Tech* did not publish last week. There were technical problems and the editorial staff was in the midst of revolution. To make up for the loss, they have decided to publish an issue during finals week. God bless their souls. Most advertisers have been contacted and they are OK with the change of plans. Only **Crazy Al's Goat Emporium** has pulled their contract. Until a new Business Manager is appointed, the *Tech* will operate under the compensation schedule currently in effect. Despite the amount of blood and tears that went into forging said document, no one can seem to find a copy of it. Speaking of Business Managers, how to persuade someone to take on the job is discussed. The *Tech* is planning on running an ad this Friday. It will include relevant financial details. **James** and **Ryan** (recently fired Coffeehouse managers) both sign up on the spot. Show me the money. **Baldeep** inquires about who has control over the *Tech* checkbook. They will be changing signing power over to the new editors sometime soon. The *Tech* also requests a statement from the BoD about the state of affairs at the Coffeehouse. **Mike** grabs his crotch and spits on them.

**Matt**—Is also getting married. It is suggested that we run a picture of **Matt's lovely fiancée** alongside the minutes. He declares that it "would make the *Tech* look better." That's the sweetest thing I've ever heard. If he wasn't engaged.... **Jasmine** and **Rob** offer to arrange a bachelor's party in **Tisco's** honor. Either way, the CCF recently had a pancake breakfast. They estimate that somewhere between 100 and 150 persons were there. They are asking for \$85 of Special Events funds to cover the cost.

**Coffeehouse**—Your place for coffee, cheesesticks, and controversy! Here's the lowdown. **Gina Armas** fired five of the student mangers (including **Jim** and **Ryan**) and replaced them with a full time manger from outside of *Tech*. The given motivation for this move is that **Ms. Armas** is looking to make the Coffeehouse profitable. This firing was described as "out of the blue" and "unwarranted." **Jim** and **Ryan** have two major issues with the way they were treated. First, they were fired with absolutely no notice. Is this how student employees are treated? Secondly, control of the Coffeehouse is almost completely out of student hands. They feel that this recent move is the final nail in the coffin of a great tradition. **Autumn** gives us some background information. ASCIT controlled the Coffeehouse from '68 to '87. Near the end there were serious financial overruns. Student Affairs consistently made up the difference. Around '87, financial responsibility for the Coffeehouse was turned over to Caltech. It is generally agreed among those present that we would like to see control of the Coffeehouse put back in student

hands. Perhaps a good format for this control would be an ASCIT appointed office. **Baldeep, Steve,** and **Autumn** will meet with **Ms. Armas** and **Lee Reavis** next week to discuss this issue in more detail.

**General Business**

**little t**—**Baldeep** discovered that our home addresses are world accessible through the *little t*. He is going to ask them to correct that problem lickity split.

**Book Market**—We have the option of organizing this thing ourselves or farming it out to someone who would turn a profit on it from advertising. **Mike** wants to go ahead and set the project loose. Others are more apprehensive. We are *Tech* after all. Shouldn't we do our own dirty work? (programming)

**Totem**—The *Totem* wants to know if we mind them soliciting contributions from faculty and staff. We don't mind. I'm looking forward to the **Dean's** poetry.

**Officer Reports**

**Steve**—**Blacker** today, **Dabney** tomorrow. Budget meeting forms are out. The due date has been moved back to April 1st (the Wednesday before the meeting). If you see a sign with the wrong date, pull it down and send it straight to Hell.

**Autumn**—The copier is working. She doesn't have much else going on, so **Mike** drops a stack of budget surveys in her lap. **Autumn** and **Jasmine** may revive the project to come up with a new ASCIT logo. There wasn't very much support for the "extended middle finger" idea that **Kiran** came up with.

**Jasmine**—Talked to **Ms. Armas** about getting some ASCIT storage space in the SAC. She told **Jasmine** that the Coffeehouse may be operating year round in the future. If so, the new managers will be moving into where the ASCIT office is now. We would be moving into some space vacated by the CDC. The entire swap may take place over Spring Break and would leave us with plenty of room to stick our junk. **Kohl** (why are you still here?) pipes up and says that we have already been promised a bigger room so we aren't exactly being done a favor. Clad in a brown trenchcoat, and nothing more, **Jasmine** will investigate the matter further. There will be **early donuts** Wednesday night/Thursday morning at 1 a.m. on the Olive Walk. The ASCIT lights are getting plenty of use. See **Dabney's Drop Day** for a demo.

**Devi**—The ombuds are being educated. **Devi** raises the idea of bundling the late CLUE in with the next year's CLUE. **Baldeep** screams, "For the love of God, no!" If you are wondering, the CLUE is late because of El Nino. **Devi** feels that it might be possible to extend library hours during exam periods. **Baldeep** doesn't think so. This issue is to be settled by a short Sumo bout after the meeting.

**Jaideep**—The IHC is working on a Rotation FAQ. It could be published

in the *Tech* or on the web or both. The IHC is working on encoding the duties of the IHC Athletic Manager (formerly of ASCIT fame) into their documents. **Chris Brennan** is forming a new policy committee. **Dave Tytell**, Chair of the Food Committee, is getting things on track. Minutes of the food meetings and sex advice will be available in the *Tech* in the form of an "Ask Dave" column. There will be IHC beer this Friday. The IHC will also be talking about that nasty business with the Coffeehouse, some prank ideas, and preparations for pre-frosh weekend.

**Dr. Harvey Newman** expressed his support of having third term freshman on pass/fail. The IHC affirmed their support of his support of this in the form of a letter. The Faculty Board may make a decision on this issue as early as this spring. **Rob**—Maybe someday we will have an NT Server on the ASCIT computer. He wants some sort of crap called "Quickbooks" to help him keep track of the dough. It turns out that the Swiss banking system is more complicated than we thought. The BoD votes 8-0-0 to authorize this purchase. He is designing a "money form" to help us keep track of receipts and transactions more easily. **Rob** also wants to close our accounts with *Tech* and have them bill us explicitly for all of our purchases as the Caltech internal system is slow and mysterious. A yearly audit is supposed to take place and it will be expensive. **Rob** is fully in support of raising dues. It is time to renew our relationship with our bookkeeper. She prefers to be paid via Caltech. **Rob** will look into changing over. Eventually, she may need a key to get at our records. The BoD votes 7-1-0 (with **Mike** against) to pay the bookkeeper for the next two weeks. The BoD also votes 8-0-0 to allow **Rob** to change banks and to update the Resolutions to not be bank specific.

**Mike**—Is compiling the Annual Report from last year. He is fixing a gap in the minutes from the interim period between secretaries. In going through the old minutes, it was revealed that the BoD voted long ago to get debit cards for those officers with budgets. **Rob** is all over this action. **Mike** encourages everyone to use the office white boards to track their agendas. The roster is done and distributed.

**Alex**—"I'm flaming." **Jasmine** perks up her ears.

**Baldeep**—Received some sort of survey and is filling it out. Preparing an article for the *Tech* about his vision for ASCIT. **Dr. Brennan** is going to help the BoD and the IHC get memberships to the Ath.

Meeting closes at 0:19.

- BoD decides to give the CCF \$85 for pancakes.
- **Baldeep** will make our official statement to the *Tech* about the Coffeehouse affair.

Meeting adjourned 0:24.

Respectfully submitted,

Michael D. Astle  
ASCIT Secretary

• **Nominations for BoC Chair** opened March 4 at 8:00 a.m. and will be open until Tuesday, March 10 at 5:00 p.m. Interested candidates may nominate themselves by signing up on the door of SAC 64 (the ASCIT/IHC office). Statements and photos are due to the *Tech* by 11:59 p.m. Tuesday.

• ASCIT budget proposal forms are available in the SAC copier room below the ASCIT mailbox. **If your club wants money from ASCIT, this form must be in by April 1.** If you have any questions about this form or the process involved in requesting funding from ASCIT, please contact **Steve Craver**, [scraver@cco](mailto:scraver@cco), x1245.

# Foaming at the Mouth

by Mason Porter

One key issue that arises for many classes is that of collaboration. The strictness of such policies varies widely among classes, professors, and departments.

Moreover, the difficulty level of a course often depends far more on its policies than on the material being taught. The purpose of collaboration policies—it seems—is to ensure that what a student presents is his or her own work, whether or not the help of others went into it.

That is a worthy purpose, but the implementation of collaboration policies is quite skewed. In the following paragraphs, I will discuss several examples of such policies that I have seen at Caltech.

A common policy is that of full collaboration. As long as one writes the solution by oneself—some classes do not even require that—everything is OK. This is beneficial in that if the student utilizes such a policy correctly, the homework can be used to learn the material, which is its intended purpose. It should not matter if homework inflates students' grades.

People come to Caltech to learn, not to find out who can experience the most pain! This type of policy especially makes sense in classes that have exams, as the exams test the students' individual knowledge of the subject while the homework assignments help them learn it in the first place.

A danger with this policy is that some students will resort to 'mooching' and may not learn the material as well as they should. I have actually seen people learn class material quite well by mooching, but most people who rely on that will have trouble with a course's examinations.

At the other end of the extreme is disallowing collaboration in any form. In most contexts, this seems rather silly. Not being able to discuss homework sets hinders the learning process. If one does not understand something, there is often little recourse apart from going on a scavenger hunt among textbooks until one gains enough understanding to have a chance.

Moreover, if a class has exams, it already has a means of testing individual knowledge, so disallowing collaboration in those classes makes no sense. For classes without exams, however, such a policy becomes much more reasonable.

Since the homework assignments are the only means of demonstrating understanding, it seems reasonable to expect individual efforts. Nevertheless, disallowing collaboration can still make things unnecessarily difficult.

There are several good policies in the middle of these two extremes. As a student, I prefer being allowed to collaborate without restriction. However, I recognize the need to spend some time on a problem set by myself before asking others for help. Some people may not do that, and it is generally harder to learn material if one does not struggle on one's own with it at least for a little while.

Policies that attempt to combat this without disallowing collaboration are also fairly common at Caltech. Some classes, for example, require a certain number of hours of independent work on each homework set or each problem within it before one can ask for help. This is quite reasonable, although it is not pleasant to stare at something without a clue for long periods of time, which one may still experience under such a policy. Another common policy is to allow full collaboration ex-

cept for one or two problems per homework set. This allows students to get help for most problems, but still challenges them to do some independent work. In practice, the problem that students have to do on their own seems to be the most challenging one on the homework set, which renders this policy meaningless. The point of homework is to learn, and any policy that hinders it is not a good one.

One last policy I would like to mention is a slight twist on disallowing collaboration. There are some classes in which one can ask the professor and teacher's assistant for help, but one is not allowed to discuss the problem sets with other students.

That is not a horrible policy, but much benefit is gained from discussing something with someone while their thoughts are being formed rather than just asking somebody who already understands it for help. I suppose one can just discuss homework sets after they are turned in, but that is impractical, as by then one's thoughts have turned to more imminent things.

As a student, I prefer being allowed to collaborate fully on my homework sets. However, I have been involved in teaching several courses, and there is another side to this issue. As a teacher, I would allow full collaboration on classes in which I gave exams but I would not do so for classes in which I only assigned homework sets. Instead, I would expect the students to work at least a certain period of time on each problem by themselves. After that point, full collaboration would be permitted.

I am sure there are other good ideas and policies circulating around here. Let me know what they are, and I'll address them in a future article.

# The Outside World

by Myfanwy Callahan

**AUCKLAND, NEW ZEALAND** — A power outage has paralyzed New Zealand's largest city for two weeks, and recent efforts to restore power have failed. Utility officials now say it may take ten weeks to run a new cable into the downtown area to restore power.

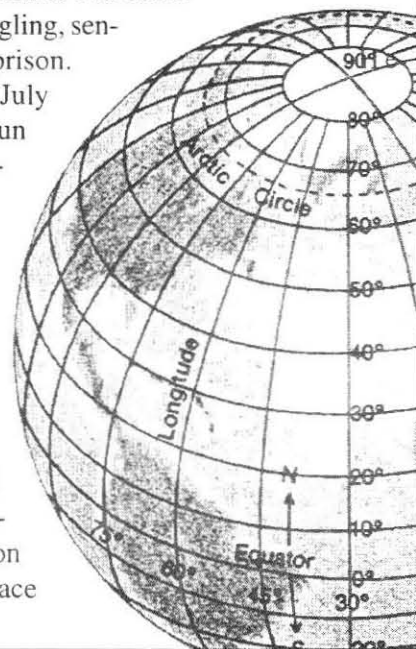
**BRATISLAVA, SLOVAKIA** — President Michal Kovac of Slovakia stepped down at the end of his five year term, but currently there is no one to succeed him. Parliament elects the new President, but no group is strong enough to back a candidate on its own.

**JAKARTA, INDONESIA** — The White House stated it would not support further aid to Indonesia from the International Monetary Fund until President Suharto had made "adequate progress" towards economic reforms. Should reforms be instated, the IMF will give \$43 billion in emergency aid to Indonesia.

**LIKOSANE, SERBIA** — In a response to an attack in which four police or paramilitary officers were killed, 24 villagers were killed by the paramilitary. The police and paramilitary have been trying to suppress the Kosovo Liberation Army which is fighting for independence of the province. Monday 30,000 ethnic Albanians marched in protest of the counter-attack.

**PHNOM PENH, CAMBODIA** — A military court convicted former Co-Prime Minister Prince Norodom Ranariddh of weapons-smuggling, sentencing him to five years in prison. He was deposed in a coup last July by his Co-Prime Minister Hun Sen, who is suspected of controlling the military court.

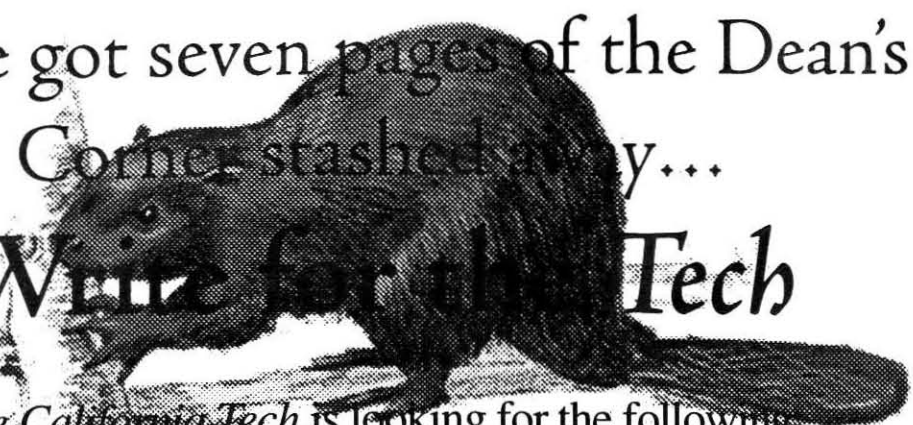
**WASHINGTON, D.C.** — The Senate Foreign Relations Committee voted 16 to 2 to allow the former Communist countries Poland, Hungary and the Czech Republic to join NATO. Said Senator Lugar, "NATO expansion will set the foundation for decades of European peace and prosperity."



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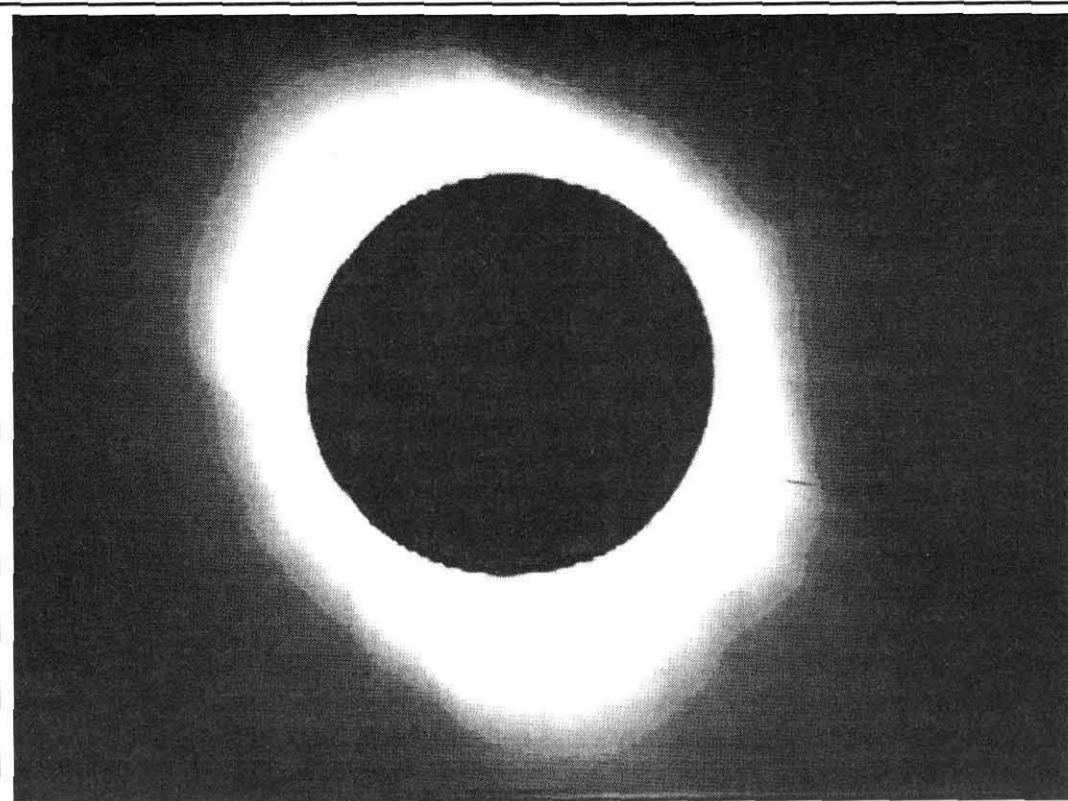


PHOTO BY AL BARR

A total solar eclipse was visible from Curacao last week.

# Expedition to Curaçao!

by Al Barr

Willemstad — Earlier this week, a score of Caltech alums and their friends and families converged upon the island nation of Curaçao to observe Saros 130-51, the millennium's penultimate total eclipse of the sun. Laden with telescopes, binoculars, cameras, eclipse-filters and a wish for clear skies, we congregated on the small tropical island in the Netherlands Antilles to experience a three minute and 31 second celestial event.

Most of the alums in this group are not astronomers, but instead have been heavily involved with computers and information technology over the past twenty years. Scientific events, both inside and outside our fields, are naturally interesting for us as Caltech-style computational practitioners; total-solar-eclipse-watching combines both science and fun, and provides an irregularly-timed reunion in an interesting location. I originally became involved with people in the group through the international computer graphics conference, ACM

Siggraph.

One thing that impressed me was the set of strong and lasting connections that had been formed at Caltech. The group also has a very clear "work hard, but play hard" philosophy. Several of the alums wanted to send a message about their philosophy to Caltech's present undergraduates (and the alums are confident that the undergrads know all about hard work).

"Make sure they remember to have fun!" repeatedly urged Cyndi Jung, class of '75. (Cyndi is an early member of 3Com, a major networking company based in Silicon Valley) Steve Shaiman and Dean Ballard (formerly of Microsoft) had much the same message; they brought their whole families to the eclipse event. Ma Ballard, in her 70's, was very spritely, witty, active, and friendly, and seemed to know a lot about both fun and work. It was a delight to see everyone.

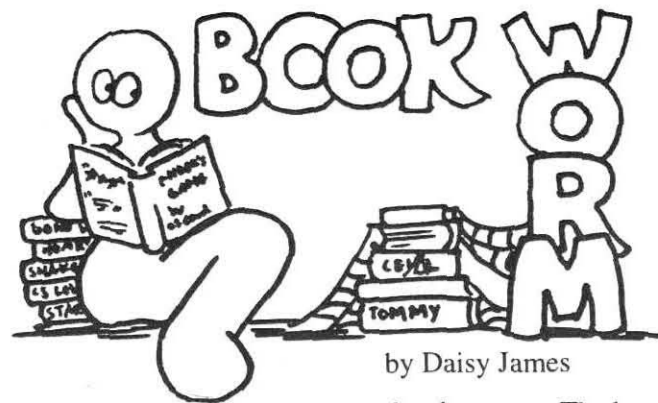
On the day of the eclipse, despite early clouds and some drizzle, the skies opened at the right hour to give us a "stellar" performance. Of course, in true Caltech fashion, on the day of

totality we broke into many small groups and scattered all across the island to experience the eclipse in our own way, to re-coalesce as a group a few hours afterwards.

As the eclipse started, a small "bite" could be seen in the sun's disk; with a telescope four sunspots could be seen. Without instruments, glittering partial-eclipse sun-images danced on the ground before us, in the shadows created by the trees. The moon's "bite" grew over the next hour and a half, and the sun became more crescent-like. The noisy island birds flew to their night-nesting places and proceeded to go to sleep. Right before the moment of totality, the 60 mile wide moon-shadow sped rapidly towards us across the ocean; the last point of the sun's edge disappeared, and a cheer arose from the onlookers on the shore. The island went dark and everything became quiet.

At that moment, I had my first direct experience of totality; it was safe to look at the sun without filters. There was a diamond-brilliant ring of light surrounding the sun's black center, high in the sky. The sun's corona spread brightly across the sky; the "real thing" was surprisingly different from the photos I had seen: the eclipsed sun's corona seemed much more comet-like, with the wispy light spreading brightly in all directions for many sun-lengths. Mercury and Jupiter appeared brightly near the sun, with Venus near the horizon on the same line. I watched by eye and with binoculars, transfixed by the black sun in its glowing corona.

Before I knew it, the three minutes and 31 seconds were over; the sun was no longer safe to look at directly and a bright dot of light appeared at its edge. The birds started waking up, making their morning noises.



by Daisy James

Bay Area Wild  
Galen Rowell  
\*\*\*\*\*

Published by the Sierra Club, this is a marvelous collection of nature photographs all taken within the San Francisco Bay area, few of them more than half an hour from a city center. It is marred only by the aging hippie sensibilities of the photographer that drive him to interview other superannuated activists and write things like "enlightened environmental stewardship". But that is in the text and can easily be ignored. What the book truly is is a series of spectacular images of the plants animals and views of the area. It is a sort of exquisite torture to look at these wild open spaces and know oneself to be trapped in a school in the Southland for another month.

Some of the book's most striking photos show the proximity of the natural and civilized worlds in this area. The open hills of Marin serve as a foreground to a foggy San Francisco at dawn and a burrowing owl is framed by the UC Berkeley campus. Apart even from these, fog and animals provide several strong images for the book. The animal pictures were taken mostly by Michael Sewell, a professional wild animal photographer with a specialty in "calling" predators (imitating the sound of a wounded prey animal). He has produced close-up photographs of bobcats, coyotes and foxes, among others. The beauty of fog might seem like a strange idea to people not familiar with this particular characteristic of the area but the pictures of it fingering its way through hills or wrapping around a nighttime City and spreading off into the sunset have a power all their own.

As mentioned, the text seems the weak part of the book. It changes the areas pictured from areas of simple beauty to pieces in a political game; and instead of simply allowing readers to enjoy them, the author wants them to feel outrage and join his particular cause.

X-Men: Empire's End  
Diane Duane  
\*\*\*

No one really expects a novel based on a comic book series to be very good, or that anyone who is not a fan of that series will read it. I doubt that this will be a tremendous exception. While the writing is above average for the class, the book is unexceptional and would be completely incomprehensible to anyone not already familiar with

the characters. The latter I think to be a good thing more than a bad one. To bring everyone up to speed would require long and tedious descriptions of things that 99% of the readers would already know. By assuming this knowledge Duane is able to push the story along at a slightly faster pace, if not quite fast enough.

The empire referred to in the title is that of the Shi'ar, an alien race from the comic book continuity. They find themselves threatened by a phenomenon which is consuming galaxies and for some ill-defined reasons call the X-Men in to help. They do of course and the creature is defeated by a tactic which seems anticlimactic. Leading to this are many violent battle scenes which, despite their high levels of action and violence, seem oddly boring. The several subplots come off with varying degrees of success, from seamless integration with the whole to seeming completely irrelevant unconnected.

For the most part the book hold up stylistically; Duane writes like a professional and not an overwrought fan. There are a few notable lapses, like using "transparent" and "translucent" as antonyms or this classic bit of narration: "There was no time to move, to do anything. Orion grabbed Charles, and flung him to one side..." (extra points to anyone who can find the extra comma.)

Miss Manners' Basic Training: Eating  
Judith Martin  
\*\*\*\*\*

Wonderfully witty and always right, Martin again takes on the persona of Miss Manners in her unending quest to get the people of the world to behave themselves. In this the second of her Basic Training books she touches on such topics as Which Fork to Use (the one furthest to the left), the two rules of speaking with your mouth full (1. Don't 2. Yuk) and how to serve an absolutely proper tea (it's very complicated). Her unflinching good sense and biting pen make this book a pleasure to read even for its own sake, let alone the possibility of learning something. The best parts are the letters from readers (the book is assembled from Martin's syndicated newspaper column) which tell of etiquette violations to awful to be anything but true, like the woman who charged everyone in her family fifty dollars for Christmas dinner and then stinted on the food, or the date who used his fish bones for soothsaying.

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CONTINUED ON PAGE 11

# n o w hear this.

by Ron Dollete

Alright, it's been a while, and for that I apologize. I hope everybody had fun at all these "social gatherings" that Tech has been having lately.

Anyway, I want to talk about the band Blink 182. Their song "Dammit (Growing Up)" has been receiving a lot of airplay lately, almost enough to make it annoying, but I guess you can stand to turn Y107 and KROQ off once in a while (and while you're at it, listen to Arrow 93 instead). But Blink 182 has a great punk sound reminiscent of the days after a man by the name of Cobain destroyed the entire heavy metal/hard rock genre, and before ska became so trendy. Their guitar lines are clean and their lyrics are all bitter and jaded. Their current album, "Dude Ranch", is loads of fun. ☒☒☒☒

There's a new Pearl Jam album out. They're still boycotting Ticketmaster (so I guess they should be given a little bit of credit, at least some style points), but they've ended their no-video policy.

Personally, I think it's terrible that great rock-n-roll bands like Pearl Jam or Aerosmith or legends like Jimmy Buffet have to have videos just to get some sort of airplay. Sadly, radio sta-

tions get their playlists from MTV, so it's a sad state of affairs. Anyway, "Yield" is the name of the new album, and it is just another fine piece of work. There are instant classics like "Wishlist" and also the usual angry Pearl Jam rant in "Evolution." It's not as experimental as the previous attempts in "No Code" and even "Vitalogy", which makes it more universally appealing. If you were a fan of "Ten," then you'll love this one. ☒☒☒☒

If you have low expectations for that one movie with Ethan Hawke and Gwyneth Paltrow in it, than it'll actually be pretty good. On the other hand, you could just stand up after "Great Expectations" is over and think to yourself, "Man, I should have seen Spiceworld." But I'm not here to rant about that. The soundtrack to this abysmal movie is much better than the film itself (no offense to those who liked it—you guys must be huge Ethan Hawke fans.) The "Great Expectations" soundtrack, headlined by Mono's "Life In Mono" has a wide variety of songs, especially a great Tori Amos song that sadly gets about 15 seconds of playing time in the movie. This album is very deep and dark (ooh, like the movie, ooh) and, while it may not be universally appealing, should appeal to many. (Two wingdings).

The Tori Amos song on that CD gets ☒☒☒☒

## Students Gorge on Jasmine's Donuts

Supplementary Undergraduate Donut Distribution: Midnight Donuts on the Olive Walk

by Jasmine Sekanina

On March 5—Thursday morning at 1 a.m.—a horde of gluttonous undergrads assembled on the Olive Walk with pitchforks and torches to protest the recent Coffeehouse scandal. A small faction of the masses began chanting "Pass-Fail frosh!" Within minutes, the crazed crowd seemed to be on the verge of breaking into a full-fledged riot. There were several incidences of people being hit by frisbees. Though no injuries were sustained, tempers soared and contempt for "frisbee golf" grew.

Fortunately, Baldeep

Sadhal, ASCIT President extraordinaire, arrived at 1:05 a.m. in a hatchback Honda with ASCIT Early Morning Doughnuts. Within literally two-and-a-half-minutes, a raving storm of protestors consumed \$233-worth of Donut Man doughnuts. The enraged group of Techers turned quickly to a tranquil state, and more than an hour of healthy socializing followed.

Early Morning ASCIT Doughnuts seems to have become a tradition—it first happened second term last year, and has occurred every term since then. Although five-times the "usual order" (i.e., from Friday-Morning ASCIT-Sponsored

Doughnuts) has been judged as sufficient in the past, it seems that somehow the turnout was even greater Thursday. This is probably due in part to Jasmine Sekanina, ASCIT's Social Director, making dinner announcements advertising the social event at several student hovses. She credits John Lin for creating the "One Night Stand" poster taped by the Ricketts-Fleming Courtyard.

"It was exciting to see such a monstrous turnout, but I was disappointed that no faculty or administrators showed up for the event," said Jasmine. "I even advertised Early Morning Doughnuts in the Tech last week, hoping it would attract more individuals from those groups."

It was noted that there was a severe problem with the distribution of the doughnuts. Because of the size of the roaring masses, Baldeep's vehicle could not reach the tables from which the doughnuts would be handed out in the orderly and efficient manner that had been planned. Furthermore, due to the overwhelming turnout, a non-negligible population did not get any doughnuts. Jasmine promises, "There will be more than enough doughnuts to go around next time."



### Dave Blau: Food Dude

"There weren't  
enough  
doughnuts!"

connection

vision

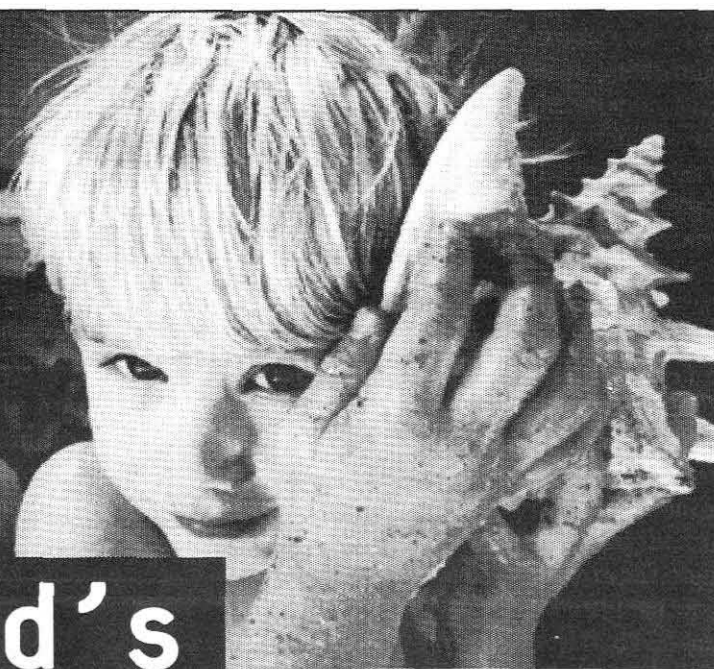
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# Caltech Rugby hosts first home game

by James Gleeson and Gavin Horn

Want to see sweaty men throw their bodies at each other and chase an oddly-shaped ball? Wondering how to score a "try"? Anxious about where all those hands go in a "scrum"?

If these questions strike a chord, you should mark Saturday, March 7th on your calendar: Caltech Rugby home game vs Occidental at 1p.m., North Field. The fledgling Caltech Rugby team has gone from strength to strength following its formation about two years ago.

This season has seen Caltech play in the Southern California Collegiate division, against teams such as Pepperdine, UC San Diego and Cal State Fullerton. So far, Caltech is 2-1, with wins over Westmont and Pepperdine, and a loss to UCSD.

This Saturday is the first home game, and an enthusiastic crowd is expected to cheer the lads on to victory over local rivals Occidental College. Kick-off is at 1pm on the north field, and the game will be followed by a GSC-sponsored barbeque and party at the Catalina central rec room for players and supporters.

Rugby is one of the fastest-growing collegiate sports in the

United States. It is a physical, full-contact sport, played without the protection of pads or helmets. The game is not just about hard hitting though, technique, skill and speed are needed in every position. The game is continuous (as opposed to the 4-downs structure of American football), and is played by teams of fifteen players.

Tactically, teams are considered to be composed of "backs" and "forwards". The forwards are generally the bigger, stronger players whose job is to win the ball and territory from the opposition by "rucking", "mauling" or from a "scrum."

Once possession is won, the ball is supplied to the backs, who typically run at the opposition with speed, passing the ball hand-to-hand (no forward passing allowed though!) in an effort to break through the defense and score a try (akin to a touchdown in football, worth 5 points plus 2 for the "point after") or set up a penalty kick (like a field goal,

worth 3 points if Gavin kicks it through the uprights!)

The Caltech rugby club is proud to draw its members from the entire Caltech community undergrads, graduate students, alumni, postdocs, and staff. Though most Caltech players are smaller than the average rugby player, they make up for lower mass by increasing velocity! Speed, smart tactical play, and ball-handling skills are trademarks of the Caltech squad, and under coach Matthew Trehwella they have turned these to game-winning advantage.

Remaining games include the Saturday March 7th, league game vs Occidental; the Saturday, March 14th friendly at Westmont; and the Saturday, April 11th league game at California State Fullerton. For more information about rugby or Caltech's league record and photos, checkout the Rugby Club's webpage at <http://www.cco.caltech.edu/~rugby> or email the club at [rugby@cco.caltech.edu](mailto:rugby@cco.caltech.edu).

# Four elected to Hall of Fame

by Mason A. Porter

On Tuesday, baseball's Veterans' Committee elected Larry Doby, Lee McPhail, "Bullet" Joe Rogan, and "Gorgeous" George Davis to the sport's Hall of Fame.

Doby was the first African American player in the American League (AL), and though he received much less publicity than Jackie Robinson, he was also a maverick. Though not the player that Robinson was, Doby deserves a spot in the Hall of Fame because of his impact on the sport's history. Doby played four seasons in the Negro League before joining the Cleveland Indians in 1947 just 11 weeks after Jackie Robinson made his debut. Doby remained in the majors until 1959; he hit .283 with 253 homeruns and 969 runs batted in (RBIs).

Lee MacPhail joins his late father Larry as the only father-son combination in Major League Baseball's Hall of Fame. MacPhail was general manager

of the Yankees and Orioles and was AL president from 1974 to 1983. His father was president of the Yankees and Dodgers.

Joe Rogan, who died in 1967, pitched and played the infield and outfield for the Negro League Kansas City Monarchs from 1920 to 1938. He had a 113-45 record and a .343 lifetime batting average.

George Davis, who died in 1940, led the National League with 134 RBIs for the New York Giants in 1897. He played for four teams in 20 seasons, compiling a .295 career average.

The 14-member Veterans' Committee, which includes Hall of Famers Ted Williams, Stan Musial, and Yogi Berra, may elect up to four people per year. They may select from four categories: former major leaguers, Negro Leaguers, 19th century players, and a composite category of managers, executives, and umpires. It takes 11 votes for election. In 1997, the committee elected Tommy Lasorda, Nellie Fox, and Willie Wells.

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Period	CREF Stock Account Star Rating/Number of Domestic Equity Accounts Rated	CREF Global Equities Account Star Rating/Number of International Equity Accounts Rated	CREF Equity Index Account Star Rating/Number of Domestic Equity Accounts Rated	CREF Growth Account Star Rating/Number of Domestic Equity Accounts Rated	CREF Bond Market Account Star Rating/Number of Fixed Income Accounts Rated	CREF Social Choice Account Star Rating/Number of Domestic Equity Accounts Rated
3-Year	4/1,820	4/379	5/1,820	5/1,820	4/677	4/1,820
5-Year	4/1,199	5/205	N/A	N/A	4/445	4/1,199
10-Year	5/604	N/A	N/A	N/A	N/A	N/A

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If you have an interest in joining our team, please invest a little time in us on Friday, March 13. A representative from our downtown Los Angeles office will be on campus to discuss our opportunities. Please call us at (800) 421-0611 for details.

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## Intercollegiate Scoreboard

2/23:	Men's Basketball	Caltech	50	Cal Lutheran	90
2/26:	Men's Basketball	Caltech	34	Redlands	54
2/27:	Men's Tennis	Caltech	0	Pomona Pitzer	7
	Women's Tennis	Caltech	0	Pomona Pitzer	9
	Baseball	Caltech	2	Pomona Pitzer	18
2/28:	Baseball	Caltech	1	Pomona Pitzer	21
		Caltech	0	Pomona Pitzer	13
3/2:	Women's Tennis	Caltech	4	Chapman	5
	Baseball	Caltech	1	Lincoln Christian	9

## Upcoming Matches

3/6:	Men's Tennis @ LaVerne	2:00pm
	Women's Tennis vs. LaVerne	3:00pm
	Baseball vs. Cal Lutheran	2:30pm
3/7:	Men's Tennis @ Occidental	9:30am
	Women's Tennis vs. Occidental	9:30am
	Baseball @ Cal Lutheran	11:00am
3/9:	Golf vs. Pomona Pitzer @ Annandale	1:00pm
3/10:	Women's Tennis vs. Southwestern	3:00pm
3/11:	Men's Tennis @ Biola	3:00pm

# Men's Volleyball Club defeats LACC, remains undefeated

by Scott Van Essen

The word is out on the street. The bookies in Vegas are spreading the news. If you know what's good for you, don't bet against Caltech.

Nearly halfway through the season the Caltech Men's Club Volleyball team has a perfect 7-0 record. The team took on Los Angeles City College on Saturday and defeated them in a sometimes nail biting, sometimes blowout, 3-1 victory.

Caltech's starting lineup consisted of Joe White running the offense as usual at setter, Mike Machczynski at opposite,

Joel Jones and Steve Sears at outside hitter, Gary Leskowitz and Scott Van Essen at middle blocker with Matt Bergeron providing back row support as a defensive specialist.

In the first game, Caltech stepped out to a commanding lead over the seemingly uninspired LACC players. Despite a playing level less than the monstrosity intense fans had come to expect from the Beaver squad, Caltech rather easily took the first game to 14-2.

Suddenly ignited, the LACC team came back against a Caltech team which was suffering from lack of focus and

overconfidence. With a scrappy defense that wouldn't let the ball drop, LACC brought the score back to 14-11.

Trying to stem the growing stampede, coaches Suzanne Masuhr and Aaron Kiely called a timeout to rally their team. Trying to find a chemistry that worked, they substituted Nicklaus Lorenzen in at middle blocker. Caltech finally scored to finish the first game 15-11.

Nicklaus was the story of the second game, dominating the net on both offense and defense, getting several key blocks and hitting the ball so hard, so well, and so often that LACC was

forced in desperation to double block him, leaving wide open sections of undefended court for Caltech's other hitters. Caltech quickly took the game 15-3.

Not to be intimidated or defeated easily, LACC fought back. Finally getting their own offense working consistently and taking advantage of another rough stretch in Caltech's play, they took control of the third game. Despite the substitution of outside hitters Mike Burl and Andreas Masuhr, they took the third game 15-10.

This was only the second game lost this year by Caltech in non-tournament play. Galva-

nized by this, Caltech came back once again finishing the match with a fast 15-5 victory.

Caltech's next home game is on Sunday the 8th of March against Pomona-Pitzer in Brown Gym at 3pm. Bring a friend, bring an enemy, bring a posse, or bring the next Jehovah's Witnesses that stop by your door, but be sure to come and catch the beaver fever while you support the team. The Schedule for future matches as well as the scores for previous matches can be found on the Men's Club website at <http://www.cco.caltech.edu/~vball/VB.home.html>

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DILBERT® by Scott Adams

FoxTrot by Bill Amend

**Panel 1:** Dilbert: "I NEED HELP ON THE ASSIGNMENT THAT YOU SAID IS A 'NO BRAINER.'" Boss: "IT'S EASY. JUST SKIP THE 'INTERFACE DESIGN' PHASE AND MAKE EVERYTHING BEIGE. YOU CAN'T GO WRONG WITH BEIGE."

**Panel 2:** Dilbert: "I ALWAYS KNOW WHERE TO GO FOR NO-BRAINER DECISIONS."

**Panel 3:** PROJECT STATUS. DUE TO BUDGET CUTS, OUR NEW PRODUCT WILL HAVE NO USER INTERFACE.

**Panel 4:** Dilbert: "OUR TARGET MARKET IS PEOPLE WHO ARE TOO SHY TO RETURN PRODUCTS."

**Panel 5:** Dogbert: "IS IT A BAD SIGN IF YOU SPEND THE DAY WONDERING WHY THERE ARE NO LAWS AGAINST WHAT YOU DO FOR A LIVING?"

**Panel 6:** SALES CONFERENCE. HERE'S THE PRODUCT YOU'LL BE SELLING NEXT QUARTER. IT HAS NO USER INTERFACE!

**Panel 7:** Dilbert: "THAT MEANS NO BULKY USER MANUAL AND NO LOSS OF FUNCTION DURING A POWER OUTAGE!"

**Panel 8:** Dilbert: "YOU WERE RIGHT. OUR SALES PEOPLE CAN'T DISTINGUISH GOOD FROM EVIL. I STRAINED A SMILE MUSCLE." Dogbert: "CLAP CLAP CLAP CLAP"

**Panel 9:** FROM NOW ON, I'LL BE USING THE CHAOS THEORY OF MANAGEMENT.

**Panel 10:** Dilbert: "AND THIS WILL BE DIFFERENT HOW?" Dogbert: "NOW THERE'S A NAME FOR IT."

**Panel 11:** Dilbert: "IT TAKES A CERTAIN TYPE OF PERSONALITY TO TELECOMMUTE, DOGBERT." Dogbert: "WHAT?"

**Panel 12:** Dilbert: "JUST BECAUSE OTHER PEOPLE HAVE PERSONALITIES DOESN'T MEAN YOU SHOULD TRY TO DEVELOP ONE."

**Panel 13:** Dilbert: "I HAVE A PERSONALITY!" Dogbert: "LET'S NOT GET INTO THAT 'IS ZERO A NUMBER' DEBATE AGAIN."

**Panel 14:** Dilbert: "I ESTIMATED THE HOURS IT WOULD TAKE TO DO AN EXCELLENT JOB ON ALL THE PROJECTS YOU'VE ASSIGNED."

**Panel 15:** Dilbert: "THAT WOULD BE FIFTY HOURS A DAY. SO I RECALCULATED FOR 'ADEQUATE' RESULTS. THAT WOULD BE FORTY HOURS PER DAY."

**Panel 16:** Dilbert: "WELL, TO MAKE A LONG STORY SHORT, LET'S SKIP DOWN TO 'COMPLETE FIDUCIARY MISCONDUCT.'" Dogbert: "BLAH BLAH BLAH BLAH BLAH"

**Panel 1:** Jason: "NOW THEN, JASON, WHERE WERE WE BEFORE WE WERE DISTRACTED BY ALL OF THE RAIN AND FLOODING LAST WEEK?" Eileen: "OH, THAT'S RIGHT... YOU HAD JUST LET SLIP THE ADMISSION THAT YOU REALLY DO LIKE ME. SHALL WE PICK UP WHERE WE LEFT OFF?"

**Panel 2:** Jason: "WHAM! WHAM! WHAM! WHAM!" Eileen: "ACTUALLY, I THINK YOU WERE BEATING YOUR HEAD ON THIS LOCKER OVER HERE."

**Panel 3:** "TIME TRAVEL: FACT AND FICTION."

**Panel 4:** "WORM HOLES AND TIME PORTALS: DO THEY EXIST?"

**Panel 5:** "REVERSING TIME: A PHYSICIST'S GUIDE."

**Panel 6:** Jason: "I ALWAYS WONDERED WHAT WOULD HAPPEN THE DAY YOU ADMITTED TO LIKING A GIRL." Eileen: "I'M GONNA BEAT THIS THING, YOU WATCH."

**Panel 7:** Jason: "IT'S THE PERFECT SOLUTION TO MY PREDICAMENT, PETER." Eileen: "ARE YOU INSANE??"

**Panel 8:** Jason: "I FIGURE OUT A WAY TO GO BACK A WEEK, WARN MYSELF ABOUT EILEEN JACOBSON'S LITTLE SCHEME, AND IN DOING SO, PREVENT MYSELF FROM MAKING THE BIGGEST GAFFE OF MY LIFE!"

**Panel 9:** Jason: "WHAT COULD BE SIMPLER?" Eileen: "LET'S SEE... I GUESS I SHOULD START BY DEBUNKING EINSTEIN..."

**Panel 10:** Jason: "JASON, YOU HAVEN'T TOUCHED YOUR DINNER AT ALL!" Eileen: "SORRY, MOM. I'M ON A SUPER CRASH DIET." Jason: "AND THIS WILL BE DIFFERENT HOW? NOW THERE'S A NAME FOR IT."

**Panel 11:** Jason: "WHAT?? YOU'RE NOTHING BUT SKIN AND BONES AS IT IS!" Eileen: "I KNOW, BUT IF I WANT TO TRAVEL BACK IN TIME, I NEED TO GET MY BODY'S REST MASS DOWN TO ABSOLUTE ZERO SO THAT I CAN EXCEED THE SPEED OF LIGHT."

**Panel 12:** Jason: "IT'S A PAIN, BUT THAT STUFF I TOLD EILEEN JACOBSON LAST WEEK HAS GOT TO BE UNDONE." Eileen: "SO THIS CRASH DIET HAS NOTHING TO DO WITH MY SERVING EGGPLANT LOAF TONIGHT? TOTALLY A COINCIDENCE, BUT I APPRECIATE THE HELP."

**Panel 13:** Jason: "PETER, I'M GOING TO NEED YOUR HELP." Eileen: "WITH WHAT?"

**Panel 14:** Jason: "AS YOU KNOW, I'VE BEEN PURSUING TIME TRAVEL AS THE SOLUTION TO MY RECENT EILEEN JACOBSON PROBLEM." Eileen: "WELL, IF MY THEORIES ON THE SUBJECT ARE CORRECT, I'M GOING TO NEED TO EXCEED THE SPEED OF LIGHT, WHICH IS ROUGHLY 670 MILLION MPH. MOST PHYSICISTS SAY IT'S IMPOSSIBLE, BUT I SAY IT CAN BE DONE. WHERE DO I COME IN?"

**Panel 15:** Jason: "I'VE SEEN HOW YOU DRIVE ON THE FREEWAY." Eileen: "YOU'RE TALKING NINE-DIGIT SPEEDS. I'VE ONLY FLIRTED WITH FOUR."

**Panel 16:** Jason: "I ESTIMATED THE HOURS IT WOULD TAKE TO DO AN EXCELLENT JOB ON ALL THE PROJECTS YOU'VE ASSIGNED." Eileen: "THAT WOULD BE FIFTY HOURS A DAY. SO I RECALCULATED FOR 'ADEQUATE' RESULTS. THAT WOULD BE FORTY HOURS PER DAY."

**Panel 17:** Jason: "WELL, TO MAKE A LONG STORY SHORT, LET'S SKIP DOWN TO 'COMPLETE FIDUCIARY MISCONDUCT.'" Eileen: "BLAH BLAH BLAH BLAH BLAH"

**Panel 18:** Jason: "WELL, EILEEN, YOU'VE LUCKED OUT." Eileen: "OH?" Jason: "I SPENT THIS ENTIRE WEEK RESEARCHING TIME TRAVEL SO THAT I COULD GO BACK AND STOP MYSELF FROM EVER SAYING THAT I LIKED YOU, BUT I'VE CONCLUDED IT CAN'T BE DONE." Eileen: "AND BELIEVE ME, I WORKED HARDER ON THIS THAN I'VE WORKED ON ANYTHING IN MY LIFE. DAY AND NIGHT, NIGHT AND DAY, SEARCHING, PRAYING, AGONIZING FOR THE SOLUTION THAT WOULD GET ME OUT OF THIS BIND. BUT, ALAS, A HAPPY ENDING WASN'T TO BE." Jason: "So... looks like I'm your beau." Eileen: "AND... I'VE LUCKED OUT HOW EXACTLY?"

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# Coffeehouse

FROM PAGE 1  
 a Coffeehouse staff meeting and informed the students about her plans, she then asked the students to think of what shifts could possibly be relinquished to facilitate a non-student full time position.

"My goal was not to 'fire' anyone—it was an idea, a way of offering a solution to students who didn't want an extra shift." She shook her head vehemently. "No one in any way was to be fired. The decision was made to increase student quality of life."

Despite Armas's intentions, Many Coffeehouse employees were disgruntled by her decisions. In fact, three employees, Ryan Clancey, Jim Gore (both part-time Head Managers) and Ben Soleki (a staff worker) quit their jobs in protest to their belief of Armas' malhandling of the issue.

"It was the log that broke the camel's back," said Gore, shaking his head. "All of us were handling our jobs fine; no one worked hours that they didn't want. And she did not suggest changes, she told us."

Furthermore, Gore explained, Armas knew from a previous incident when an non-Caltech student was to be hired that the staff was not comfortable with the idea. "She wanted to remove the largest student influence of the Coffeehouse. If she would have succeeded, the Coffeehouse as I knew it would be gone."

"I started working at the Coffeehouse because I cared about it being student-run," Gore continued. "I quit because the reason I began work in the first place was removed. How should two non-students decide what is best for the students?"

Gore's point is valid. "In one move, five people would have been forced to resign—not people who wanted reduced hours. Think about it: there are 15 work slots. Five of them would have been filled by the non-student manager. It was like we were fired and then offered to be re-hired at a lower position"

"I wasn't even asked, but my position was on the line for the sake of turning the Coffeehouse into any old restaurant. The Coffee House is a student social center that happened to sell food. Gina wanted that restaurant," he stated.

"Gina says that her decision was to improve the quality of life," one of the workers added. "Then why did we quit? She made a decision on her own about how we feel, she did not consult us."

The severe negative response from the Coffeehouse workers and the student body caught the attention of ASCIT, who has been working with Tim Manion, the \_\_\_ to resolve the issue. The new decision is that ASCIT will take control of the Coffee House and handle the hiring of managers by the beginning of the next school year.

"ASCIT doesn't know exactly what will happen, but the assumption is that the new head manager

will be a student," says Frosh Director at Large Steve Craver. "We still have to decide exactly how we will run the Coffee House."

One idea that ASCIT is seriously considering is reinstating the CHUG (Coffeehouse User's Group) and modeling it after a similar committee already established in the Red Door Cafe. The CHUG, composed of ASCIT and IHC appointed students who frequent the Coffeehouse, would choose the student managers.

"I am ecstatic about the way ASCIT, IHC and the ASB supported us about this, and Tom Manion's quick response as well," said Clancey.

Armas has no problem with the ASCIT decision. "I never wanted to scold the students or fire them, and I am shocked by their reaction. Especially since I consulted with Ryan about hiring a non-student earlier this year. Never did he complain...if anything, he said he would help train the person. He over-reacted—he already knew about my decision to higher a non-student head manager."

Despite these proceedings, the Coffee House still remains empty, Kuo, uncertain of her future, is still cheerful. "This place has incredible potential, and there is no reason that if students support it that we can't break even." She smiled. "Come, try it out; see if the structure change is a major inconvenience. Come talk to me. I'm pretty mellow in that sense."

# Yo Yo Ma in Concert

By Myfanwy Callahan

Last night several Caltech undergrads had the opportunity to hear Yo Yo Ma perform Bach's first three cello suites. The Residence Life Office provided tickets for this exquisite performance at the Bel Air Presbyterian Church near UCLA.

Yo Yo Ma is perhaps the most famous cellist of today, performing classics of cello repertoire as well as exploring new music, some commissioned specifically for him to play. At the age of 48, he has already recorded more than 45 albums including 10 Grammy award winners.

Bach's cello suites were first published in 1825, but throughout the 19th century they were considered simply etudes, not concert pieces. Only after the Spanish cellist Pablo Casals recorded these works did they become recognized for their artistic merit. Since then cellists have grappled with the suites

and revealed them as one of the most beautiful collections for solo cello. Thursday's concert included only the first three of Bach's suites, while a concert on Friday finishes off the set with the following three.

Yo Yo Ma's performance took some liberties with the suites in stretching the tempo and savoring the resonance of the cello in certain places. His performance brought out the polyphonic nature of some of the passages which Bach masterfully wrote for this instrument, with the cello seemingly effortlessly singing multiple lines of melody. The performance was met with a standing ovation from the audience.

After much applause Yo Yo Ma conceded to playing an encore and even took requests from the audience. He played a gentle piece entitled Appalachian Waltz which exhibited his ability to draw the sweetest intertwined melodies from his instrument. His performance was a joy to experience for all.

## ECLIPSE...

CONTINUED FROM PAGE 6

The partial-eclipse crescent sunshades danced again on the ground, and the skyward part of the event came to a close. That evening we all went to dinner, filling a restaurant to capacity, to talk about our observations and experiences.

Saros 130-51, the

millennium's penultimate solar eclipse, may be over, but the message from these alums remains — which is to build in time for energetic fun and play like they do. These alums have been quite successful with the "work hard, but play hard" approach, and they asked me to pass the message along to you.

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## Announcements

\* **Nominations for BoC Chair** opened March 4th at 8:00 a.m. and will be open until March 10th at 5:00 p.m. Interested candidates can nominate themselves by signing up on the door of SAC 64 (the ASCIT/IHC office). Statements and photos are due to the Tech by 11:59 p.m. Tuesday.

\* **The Humanities and Social Science Division** announces the following additional courses to be taught Spring, 1998:

Ec 118 Environmental Economics will be taught by Professor Ledyard on TTh 1-2:30 (25 Baxter)

SES/H 169 Art, Scientific Exploration, and Empire to be held at the Huntington Library. This course will examine the role of visual images and image making in the history of British and American scientific discovery and exploration from the 16th century to the present. Instructor: Tucker/Meyers W 1-4 p.m.

H 108b The High Middle Ages. This course is designed to introduce students to European history between 1000 and 1400. It will provide a topical as well as chronological examination of the economic, social, political, and religious evolution of western Europe during this period, with a focus on France, Italy, England, and Germany. Instructor: Brown.

Lit 141 James and Wharton. This course covers selected novels, short fiction, and non-fiction, writings of friends and expatriots Henry James and Edith Wharton. Instructor: Jurca.

Psy 130 Introduction to Human Memory. The course offers an overview of experimental findings and theoretical issues in the study of human memory. Instructor: Khurana. MW 1-2:30.

SES/H 156 The History of Modern Medicine. "Animal Use in Science and Medicine". Instructor: Rader Th 1-4 p.m.

SES/H 160a History of Modern Physical Sciences. "Controversy in Chemistry." Instructor: Weininger/Labinger TTh 7:30-9.

SES/H 169 "History of Madness" Instructor: Winter Th 7:30 p.m.

PI 102 "Evolution of the Social Contract" Instructor: Skyrms T 1-4.

SES/PI 169 "Causation and Exploration" Instructor: Woodward T 1-4.

Ec 105 Selected Topics in Economics: "Economics of the European Empire". Instructor: Neal MW 8:30-10. Copies of course descriptions are available in room 228 Baxter, and are posted on the doors of the Baxter Building.

The Prefrosh are coming! The Prefrosh are coming! Prefrosh Weekend 1998 will be held from April 16-19, 1998. If you have comments or suggestions for Prefrosh Weekend, or your club or organization would like to be involved with Prefrosh Weekend activities, please contact Dina Figueroa at [dina@admissions](mailto:dina@admissions).

Beginning Monday, January 5th, free anonymous HIV testing, using an oral HIV antibody test, will be available each Monday evening from 6:30-9:30 p.m. at the AIDS Service Center, 1030 S. Arroyo Parkway in Pasadena. Persons wishing to be tested may make an appointment by calling (888)488-9242. Walk-ins will also be accepted. Both pre- and post-test counseling will be provided, and results will be given the following Monday.

**The Gay/Lesbian/Bisexual Discussion Group** Looking for a safe and supportive place to discuss issues such as coming out, being out, dealing with family,

copied with a homophobic culture, and being GLB at Caltech? We invite you to the Gay/Lesbian/Bisexual Discussion group, which meets on the first and third Tuesdays of each month from 7:30 p.m. until 10 p.m. in the Health Center lounge. This is a confidential meeting and does not imply anything about a person's sexual orientation—only that s/he is willing to be supportive in this setting. The group usually discusses a particular relevant topic and then moves on to the general discussion. Refreshments will be served. If you would like more information, please call x8331.

## Events

\* **ESP - A Demonstration.** The Skeptics Society is hosting magician and skeptical author Bob Steiner, for an afternoon of psychic demonstrations. This event will be held on March 8th at 2 p.m. in Baxter Lecture Hall. Admission is \$5 for members, \$8 for non members, \$5 for students, and free for members of the Caltech/JPL community. For more information, call (818)794-3119 or (818)794-1301 or e-mail [skepticmag@aol.com](mailto:skepticmag@aol.com).

The **Distinguished Speaker Series** of Southern California is moving into its second season. The events will be held at the Pasadena Civic Auditorium on five remaining dates, at 8 p.m.. Elizabeth Dole will be speaking on March 12th, Jean-Michael Cousteau on April 8th, Maya Angelou on May 13th and Mark Victor Hansen on June 10th. For more information, contact (800) 508-9301.

\* **Doc Watson and David Grisman** perform together on March 14th at 8 p.m. in Beckman Auditorium. Celebrating the release of their joint recording, *Doc and Dawg*, guitarist Watson and mandolinist Grisman team up for an evening of downhome music. Tickets to this performance are priced at \$32, \$29, and \$26; Caltech student price is \$5.

\* **Calico Winds**, a wind quintet, will give a free concert on March 15th, at 3:30 p.m. in Dabney Lounge. The program will include works by Bach, Bozza and Schifrin.

For most Caltech events listed, further information can be obtained by calling 395-4652 or (888) 2-CALTECH, or through the Caltech website, <http://www.caltech.edu>.

## Fellowships and Scholarships

\* Distant Lands, a local travel bookstore, will be sponsoring **free budget travel workshops**. Workshops will be held on March 14th and April 11th from 2-4:00 p.m. and March 31st from 7:30-9:30 p.m. Please call 449-3220 to reserve a spot. Distant lands is located at 56 S. Raymond, which is accessible via the Arts Bus. FAR

\* The National Institutes of Health's Undergraduate Scholarship Program

## Mints

\* denotes a new announcement.

(UGSP) is pleased to announce the availability of up to 15 competitive scholarships to support top undergraduate students who are committed to pursue careers in biomedical research. Awards are up to \$20,000 per year. To qualify, a student must be a U.S. citizen, national or permanent resident, be enrolled in or accepted by an accredited undergraduate institution, and carry a GPA of 3.5 or better or be in the top 5% of his/her class. In addition, the applicant must demonstrate extreme economic need or come from a disadvantaged background. For each year of scholarship, the student will fulfill a 10-week summer research/mentoring program and after graduation, fulfill one year of full-time employment, both at NIH in Bethesda, Maryland. UFA

\* Working or studying in **New York City** this summer? You may wish to check into Educational Housing, a non-profit group that helps students locate safe, reasonably priced housing in the Big Apple. For more information, visit [www.studenthousing.org](http://www.studenthousing.org) FAR

\* **Work in Britain** this summer or next fall: The British Universities North America Club (BUNAC) offers a special student work permit for \$225, valid for 6 months, allowing U.S. citizens who are at least 18 years of age to legally work in Britain at any time of the year. Jobs can be prearranged, or students can just go to Britain and find jobs (most students find work within a week of arrival). BUNAC's program also provides participants with a helpful manual and a job hunting center in London. BUNAC can also prearrange your first 3 nights of lodging in London. Applications and further information are available in Fellowships Advising. Visit BUNAC's Work in Britain site at <http://www.BUNAC.org>. FAR

**ABL Summer Undergraduate Research Fellowships** are full time, paid summer positions in the areas of virology, molecular biology, biochemistry, crystallography, genetics, and organic chemistry. All positions are at Advanced BioScience Laboratories in Maryland. There is a March 15, 1998 application receipt deadline. FAR

\* The West Coast Region of the **Institute of International Education** announces scholarships to assist American undergraduates to study abroad in Asia, Australia, New Zealand, and the Pacific Island Nations. Applicants must be citizens or permanent residents in the United States, currently enrolled, and a sophomore, junior, or senior at the time of study abroad. The study abroad will begin between June 1, 1998 and May 31, 1999. The application deadline is March 20, 1998. Applications and information are available at the Office of International Student Programs (ISP), Lloyd House. Information is also available on the Web at <http://www.iie.org>.

\* **Paul and Daisy Soros Fellowships for New Americans** are offering ten fellowships for graduate study in professional fields and the academic disciplines anywhere in the United States. "New Americans" include green card holders, naturalized citizens, and children of parents who were both natural-

ized citizens. Each fellowship will be for up to two years, with the possibility of a third year. Applicants must be between the ages of 20 and 28. The awards will be \$20,000 annually for maintenance and half tuition. The deadline is March 30, 1998. Applications are available at the Office of International Student Programs (ISP), Lloyd House.

\* The **John Gyles Education Fund** offers financial assistance to full-time students in both Canada and the United States. Full Canadian or American citizenship is required. Awards are available to both male and female students for all areas of post-secondary study. A minimum 2.7 GPA is required. Criteria other than academic ability and financial need are considered in the selection process. Selected students will receive up to \$3,000. To receive an application, please send a stamped, self-addressed, standard letter size (No. 10) envelope to: The John Gyles Education Fund, Attention: R. James Cogle, Administrator, P.O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B5G4. Filing dates for mailing applications in 1998 are April 1st, June 1st, and November 15th. UFA

\* The **National Association of Water Companies (NAWC)** is soliciting applications for three scholarships to be awarded for the 1998 academic year. Scholarships range from \$5,000 to \$10,000. In addition, a \$500 award will be made to the winners' colleges/universities. Students must be graduating seniors or current graduate students in Masters Degree programs. Eligible students must be U.S. citizens and be pursuing or planning to pursue a degree in engineering, biology, chemistry, business administration, or any other field which may lead to a career in the investor-owned public water supply business. Applications are available in the Financial Aid Office. Applications must be postmarked by April 1, 1998. UFA

The Literature Faculty is pleased to announce the 52nd Annual **McKinney Competition for excellence in writing**. Prizes will be given in three categories: poetry, prose fiction, and non-fiction essays. All submissions must be typed and double-spaced, with address and phone number included. The prizes are \$300. Contestants should submit their work to Professor Jeniroy LaBelle, 101-40 by no later than April 3, 1998. Winners will be announced in May, and the names of the winners will appear in the commencement program. If you have any questions, contact Professor LaBelle at x3605 or Barbara Estrada, x3609.

The **Judicial Administration Fellowship** offers work in administrative or executive offices of California appellate or trial courts. There is no preferred major. Applicants must have received their B.S. by August 1997. Fellows earn a monthly stipend of \$1707 for the 11 months of the program. The application deadline is April 3, 1998. Please note that California also offers similar programs in its Assembly and other state administrative/policy areas. FAR

\* The **American Association of University Women** will be awarding scholarships (\$500-\$1000) to sophomore and

junior female college students who will have junior or senior standing as of September 1998 and have lived in the San Ramon Valley, or have attended high school there. Applicants will be evaluated on the basis of scholarship, achievement, educational goals, financial need, and campus or community involvement. For more information and an application package, please send your request with a \$ .64 stamped, self-addressed large envelope (9"x12") to: Mary Ann Osborne, 2530 Roundhill Drive, Alamo, CA 94507. Completed applications must be postmarked by April 6, 1998. UFA

A **travel grant** equal to the cost of a round-trip ticket between the U.S. and Sweden is available to women students who are 18 or older and U.S. citizens who wish to do study or research in Sweden. There is an April 15, 1998 deadline. FAR

Scholarship applications for 1998-99 are now available through the **Jewish Vocational Service (JVS)** and the **Jewish Community Foundation**. The funds are intended to provide a limited amount of financial aid for needy college students who are legal and permanent residents of Los Angeles County. Scholarships are not available to college freshmen. A minimum 2.5 GPA is required. Applications can be obtained until March 1, 1998 from: Jewish Vocational Service, 5700 Wilshire Blvd., 2nd Floor, Los Angeles, CA 90036. Deadline for submission of completed applications is April 15, 1998.

The **American Electroplaters and Surface Finishers Society** is offering scholarships to undergraduate juniors and seniors and graduate students who are interested in careers in the electroplating and surface finishing industry. Undergraduates must be full-time and must be majoring in metallurgy, metallurgical engineering, materials science or engineering, chemistry, chemical engineering, or environmental engineering. Applications must be submitted by April 15, 1998. UFA

The **Jewish Family and Children's Services** offers financial support for Jewish individuals and their families. Individuals may apply for up to \$5,000. Special scholarships are available for study in Israel. Eligible students must have financial need, have at least a 3.0 GPA, and be residents of San Francisco, the Peninsula, Marin or Sonoma counties, or the Bay Area. There are no deadlines—applications are accepted throughout the year and are available in the Financial Aid Office. UFA

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

**FAR - The Fellowships Advising and Resources Office.**

For information, please contact [lauren\\_stolper@starbase1.caltech.edu](mailto:lauren_stolper@starbase1.caltech.edu). To make an appointment, call x2150.

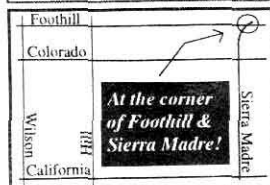
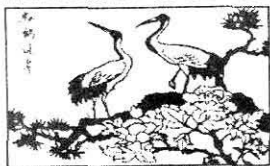
**UFA - The Undergraduate Financial Aid Office.**

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](mailto:mints@tech.caltech.edu) or Mail Code 040-058 by noon on the Monday prior to its inclusion. Submissions must be brief and concise, and the editors reserve the right to edit and abridge all material.

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