

ASCIT Elections are coming
 Make Nicholas Breen say: "God,
 that was good error."

σεε βλαχκερ 40



New President, same
 donuts.
 Even the popular orange
 ones...

see the R-F courtyard
 Friday morning

THE CALIFORNIA TECH

VOLUME XCIX, NUMBER 15

PASADENA, CALIFORNIA

FRIDAY, JANUARY 30, 1997



PHOTO BY CHRISTIAN THOMAS

Wellness Week ended with a Health Fair on the Olive Walk. As they headed for lunch, students were invited to take body fat tests, have their cholesterol tested and learn about relieving stress. The stress balls offered by Cigna were found accross campus. Apples and oranges made a nice addition to lunch. Snow cones and fruit provided a healthy dessert. Some brave students took advantage of the free backrubs offered in the Ricketts-Fleming courtyard, site of another, less healthy, favorite campus event: ASCIT donuts.

ASCIT Election Results:

A total of 289 votes were cast, and there was 1 error point.

ASCIT President		
	First Round	Second Round
Brigitte Roth	96	112
Baldeep Sadhal	115	132
Brett Tolman	65	—
NO	5	—
Abstain	1	45
Write-in	7	—
Abs. Majority	145	123

BoC Chair/ASCIT VP		Voter turnout by house:	
Alex Ihler	213	Page	65
NO	24	Lloyd	60
Abstain	38	Blacker	44
Write-in	14	Fleming	39
Abs. Majority	127	Ricketts	34
		Ruddock	31
		Dabney	16

Early-term course surveys are here

BY MIKE WESTOVER
 ARC CHAIR

Ever wanted to tell a professor that a class is going too fast, but didn't know how? Is the textbook so worthless that you use it as a doorstop? Do your problem sets seem to be totally unrelated to the material covered in the lectures? Here's a chance to voice your opinion! Look for early-term course questionnaires in the house lounges (you can also find them in the Deans' Office and the Ombuds Office in Dabney Hall). Fill out the form and deposit it in the box provided, and your comments will be relayed to the professor. The questionnaires are completely confidential, so feel free to vent all your class frustrations.

How will the information be presented to the professors, you ask? Good question! The forms will be given to the ombuds for classes that have them. For other classes, Dean Revel and the Caltech Ombudsperson, Helen Hasenfeld, will deliver the forms to the professor. Your comments will be heard in time to make changes to the course, so there's no excuse for not filling out a form now! Questions about the surveys can be sent to the ASCIT Academics and Research Committee (ARC) by e-mail at acad@cco.caltech.edu.

The Totem is Coming

BY MASON A. PORTER
 TOTEM EDITOR

It is well-known that *The Totem* experienced several problems last year. Foremost among these was the lack of editorial stability. Indeed, only one editor remains from the original 1996-97 team. As a result of this and other complications, the publication of last year's issue—originally scheduled for last September—is quite tardy. After much deliberation, it has been decided that it is best to incorporate the 1996-97 edition of *The Totem* into this year's issue. However, the new issue will be published in June rather than September. Indeed, *The Totem* will be moving back to a June publication date. There are several reasons for this decision. Last year's editorial team disintegrated, leaving one member, with much work yet to be completed. Moreover, this year's team has also experienced some attrition. Additionally, the editors of *The Totem* did not keep contact with

last year's senior class, so submissions from members of that class that were accepted for publication would not be read by members of that class. Publishing those submissions no longer makes sense at this point. Finally, in order to finish preparing *The Totem*, the editors need to use the *Big T* computers. We have been informed that we will not have access to this equipment until the middle of February. The *Big T* computer is currently unstable, and cannot be used for anything else until the *Big T* has been published. Given these constraints, publishing two issues this year is no longer feasible. Instead, an expanded edition of *The Totem* will be available in June. Contact information for last year's graduating class will be requested when they are sent their yearbooks, so that those who are interested will receive copies of this year's *Totem*. This issue will include the relevant submissions from last year in addition to new ones we receive this

year. The submission pool will thus be significantly larger than usual, and the quality of this year's publication will be correspondingly better. As a preview, we are tentatively planning to publish some bits and pieces of *The Totem* in *The Tech* throughout third term, so that everybody can get a taste of what will be included. The publication of highlights from this June's issue in next year's *Big T* will be discussed with its editors once they have been appointed. The 1997-98 edition of *The Totem* will be the culmination of two years of work and this will be reflected in its quality. Submissions of art and literature are encouraged. Please send them to totem@cco or contact Stephen Shepherd (milamber@cco) or me (mason@ugcs). Alternatively, they can be placed in mailbox 141 in SAC 37. To subscribe to *The Totem* mailing list, e-mail totem@cco.

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Coach Cancels Track Meet: Students Comment

"It was unfortunate the entire meet was cancelled, he should have just disqualified Goulet. I am unhappy with the way the coach handled the situation. I think punishing him would be pointless"

Sean Suchter, Ruddock House Ath Man

"Shutting down the entire meet because of one person doesn't make sense to me... I don't understand what the big deal is, frankly."

Geoff Smith, IHC Chair

"It is the opinion of Dabney House that if a student wishes to run around naked, then that should be okay"

Matt Paul, Dabney House Ath Man

"It was a big misunderstanding, they let their emotions get in the way, both the director of the meet and the students... maybe it was funny, but it was still in violation of...rules."

Phyllis Chen, Fleming House Ath Man

"Coach Bene's actions were wholly inappropriate... [Page] totally encourages what Mr. Goulet did, and it was awesome... Totally the spirit of interhouse athletics. That was awesome, his time should count..."

James Heaney, Page House Ath Man

"If the Interhouse track meet finals were indeed canceled by Coach Bene because a student competed without clothes in a single race, I am irritated by this petty and irrational decision. The student's acts were harmless, and canceling the tournament when it was already in progress only served to punish a great number of people for the actions of an individual. As a Ricketts House Ath man, I do not intend to referee at a rescheduled tournament, as I feel that Coach Bene has already wasted enough of my time. I'd like to point out that my decision to abstain from another tournament will not, in all likelihood, inconvenience the competitors or the other ath men, since there are many spectators who would be able to take my place. All in all, I feel that the cancelling of Tuesday night's competition was a gross overreaction, and I wish to have nothing more to do with a person (or people) who have so little respect for the students' time and effort."

Ishnaferitsu

"I went there with the aim of having a good time whether I was disqualified or not. It should come down on me and me only if anything is to happen."

Dave Goulet, Grecian Sports Advocate

EDITORIAL

The editors of the *California Tech* feel that the cancellation of the Interhouse Track and Field Meet was an overreaction. The incident was blown out of proportion, and the athletic department's reaction to the event can only further alienate those involved. We feel that the closed meeting occurring today is not an appropriate way to handle the issue—there are no confidentiality issues here, and no harm came of Mr. Goulet's actions.

The meeting's disciplinary agenda also concerns us. While we can't commend his choice of expression, we cannot see it as a violation of the honor code, and don't feel any disciplinary action should be taken. It is entirely reasonable to disqualify Mr. Goulet, but doing more than that would serve no purpose.

We also feel that the actions of Don Bene were out of line. Although he may have been offended by David Goulet's show, he was informed of it ahead of time. According to Mr. Goulet, he was only told that he would be disqualified and that Security would be called. It seems grossly unfair to the rest of the participants, if not an abuse of his position, for Coach Bene to cancel the event because

he was offended.

Caltech's administration seems to be taking on more disciplinary actions that have traditionally been handled by the students. This only serves to produce more arbitrary decisions that antagonize the student body. It contributes to the feeling that the administration no longer takes the honor code seriously, usurping its role as chief governing point of Caltech. It makes sense for students to self-govern activities that only concern them. The athletic department and the athletic coaches should allow the House athletic managers and the IHC to deal with this issue.

THE CALIFORNIA TECH

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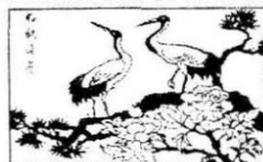
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ASCIT MOVIE: GONE WITH THE WIND

by Joe Carroll

A blockbuster in its own time, *Gone With The Wind* was one of the most acclaimed movies in history. The film adaptation of Margaret Mitchell's novel of the Old South won eight Academy Awards upon its release in 1939, including Best Picture, Best Director (Victor Fleming), Best Actress (Vivien Leigh), Best Screenplay, and Best Supporting Actress (Hattie McDaniel, the first such honor for an African-American).

The characters are familiar to even those who haven't seen the movie — Vivien Leigh as Scarlett O'Hara is petulant, persistent, rebellious, and heroic, and Clark Gable as Rhett Butler is charming, selfish, and cocky. The Civil War brings them together, and their relationship reflects the fate of the South: it is stormy and dramatic, but doomed to failure.

Gone With The Wind idolizes the Old South as a time of gallantry and chivalry, and romanticizes the plantations with their horses and magnolia trees. Of course, the South may represent something else to us now, conscious of the subordination expected of women and forced on slaves. However, the focus in the movie is on the people and their personal relationships, not on glorifying their attitudes. Still, there are scenes like Rhett carrying a protesting Scarlett up the stairs to bed that make me glad we live in more enlightened times.

Due to its length, *Gone With The Wind* will be shown once, at 8:00 pm.

The Outside World

by Myfanwy Callahan

MEXICO CITY, MEXICO — To satisfy the needs of the city's 18 million inhabitants, so much water has been pumped from the groundwater basin that Mexico city has sunk thirty feet in the last century. The costs resulting from damage to buildings, transport lines and water pipes, as well as pumping sewage up and out of the basin are leading Mexico city into a financial crisis.

RIO DE JANEIRO, BRAZIL — The Brazilian Congress voted to give the federal environmental agency authority to enforce environmental protection laws just two days after a report announced a peak in destruction of the rainforest in the mid-1990s. Previously 94% of fines for offending companies were waived in court on the grounds that the agency lacked statutory authority.

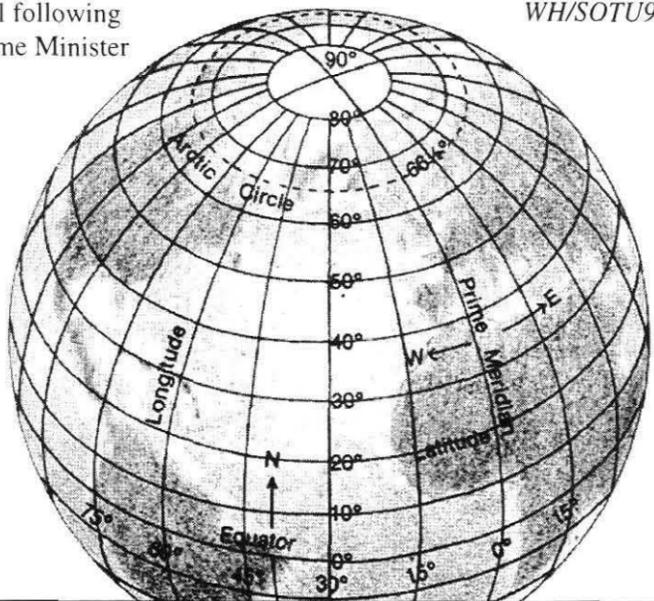
POONAMALLEE, INDIA — 26 people were convicted and sentenced to hang in the trial following Prime Minister

Rajiv Gandhi's assassination six years ago. In that incident a bomb killed the Prime Minister and 16 others while he was campaigning in Southern India.

NJORO, KENYA — Over the last month, 77 Kenyans have been killed in attacks apparently aimed at driving members of the Kikuyu tribe off their land. The Kikuyus may be targets because they opposed the newly elected President Dan Arap Moi's party.

CHICAGO — Interstate Bakeries have recalled all Twinkies and many other Hostess products with expiration dates later than last Thursday due to possible asbestos contamination. Insulation removal in their Schiller Park facility may have caused asbestos fibers to fall into the boiler.

WASHINGTON, D.C. — President Clinton delivered his State of the Union address to Congress this week. If you missed the broadcast and would like to view the speech, you can find it at <http://www.whitehouse.gov/WH/SOTU98>.



Y news

by Karen Bletzer

In 1926, Carter G. Woodson planted the seed for what was to become Black History Month by initiating Black History Week, which was held the second week of February to coincide with the birthday of Frederick Douglass. In the 1960s Black History Week expanded to become the nationally observed Black History Month. Black History Month seeks to honor and highlight the achievements of African Americans in addition to celebrating African American culture. The Y is co-sponsoring several ex-

citing events to celebrate Black History month. Weekly noon concerts during the month of February kick off with an acapella group, continue with an African drumming ensemble, and feature popular blues singer Mickey Champion. A variety of food will be sold (at \$3 a plate) during the noon hour to complement the performances. Performances will be held at the San Pasqual Mall. Other activities during the month of February include an African Marketplace which will be held in Dabney Lounge on February 20.

On a final note, the Caltech C is organizing a party to celebrate the Chinese New Year. It will be held at Dabney Lounge this Sunday February 1. The event is open to the entire Caltech community.

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Pizza & Presentation: noon - 12:30pm

Please RSVP (for the pizza count) to Angie Bealko '96 at bealko@alumni.caltech.edu or angie_bealko@adc.com

Walk-ins welcome. All majors welcome, with extra attendance encouragement for EE, ME, and CS majors.

The barista bar at the Red Door Cafe is now open at 7:30am!



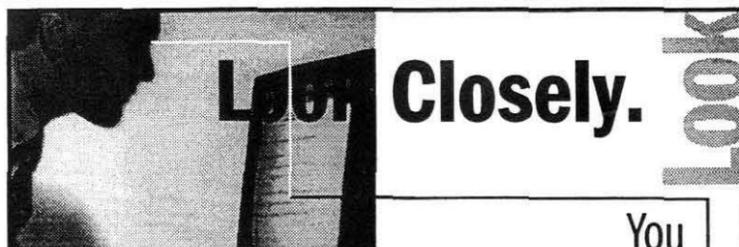
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Dean's Corner

Beef with Lobster Sauce

by Jean-Paul Revel

in the world. You need to decide how you want to spend it. Teaching? being in Business? as a Programmer? an Academician? as a Researcher, as a Physician, a Lawyer or what? A big fish in a small pond or a small fish in a large one? a shark, a pompano, a rock cod or a whale? (I know, I know, they are not fish, but so what, it is just biological license). Summer research is one of the ways to become acquainted with the life in the laboratory, to immerse yourself in that rarefied atmosphere, to see if the tedium of experiments, of repeating them, of being on the watch for delusions, suffering disappointments, are to your taste. It is easy to dream of the glory of shaking hands with the King of Sweden, but few of us get there. The work has to be its own reward. Well, actually you'll get paid for working, and the other not quite so crass advantage is that you'll become well known to your Prof. and others in the lab so that, when the time comes, you'll have some-

one to write letters for you who will know you well. So, little fish, take your chance to find out which frying pan you want to be in.

Not the only chance, for you'll have others. I should say your first chance. Sometime in the near future you should do something about lining up a sponsor in whose laboratory you could work next summer. Most of you will do this through the SURF program and you can find all you need to apply on the Net. The easiest way is through the Caltech Homepage: click on Academics and Research and from there click on SURF, or if you type accurately go directly to <http://www.caltech.edu/~surf/>

That's it. Now all you have to do is to wait for the net to respond. In my experience this meant instantly the second time I tried, as I never succeeded to connect the first. I am not sure what the average is: $(0+\infty)/2$ is, well, infinity, obviously an absurd answer since I did get the answer eventually. But perhaps that's why I did not manage to print out a legible copy. The text seems to be considered as an image, and is nearly illegible when printed. So those

of you with a photographic memory have a great advantage over the others, since you can easily remember all you read on line. Assuming success, you have all the info needed at your hands, including application forms.

The hardest thing, of course, is to have the courage to get started and that means you have to identify a project and a sponsor. It helps, of course, if the two match-if the project you are interested in is part of the Prof's. interest too. The decision about awarding the SURF is based on 1. the excellence of the proposal, 2. your enthusiasm, 3. the Prof's. enthusiasm. The best way to ensure 2 and 3 is to talk to the Prof. and find something which is of interest to both of you. Without the shared interest, enthusiasm for the project is not likely to be so high and as a result your chances of success decrease proportionately. I cannot help you with item 1, but the SURF people make a good stab at explaining what is expected in a proposal.

So the problem is reduced to finding a sympathetic sponsor. May be you made contact with one of these awesome people in a class, or may be at dinner with the Mosh or in a House, at Avery or some other social event where the twain can meet. But let's assume that this is not the case or that you don't know anyone with a shared interest. How then to do it? Well, each

Division publishes a yearbook, which lists the interests of the Profs., and which can be consulted or obtained from the Divisional Offices. From there it is a matter of approaching the Prof. You may succeed by walking into her office, but you may have to do battle with his secretary, and it is unlikely you'll find him idly sitting there waiting for a customer. Better call or e-mail and make an appointment, the earlier the better. Hence this reminder, of course. Doing things at the last minute (the application deadline is 3/2/98) suggests a distinct lack of interest or enthusiasm, so avoid it as much as possible.

Now what to tell the Prof.? That depends on you, of course. You may have an idea of your own that you might try on him. Of course if you do that, be ready with all the data needed to convince an interested but critical mind that this is indeed a good project, executable in the 10 weeks of the award and with available or easily procurable equipment. In many cases, particularly in the case of beginners, it may be best to just express interest in the general field of Research being done by the Profs' group, and have him or her suggest a specific project.

So good luck all and enjoy the beef with lobster sauce. A bientot!

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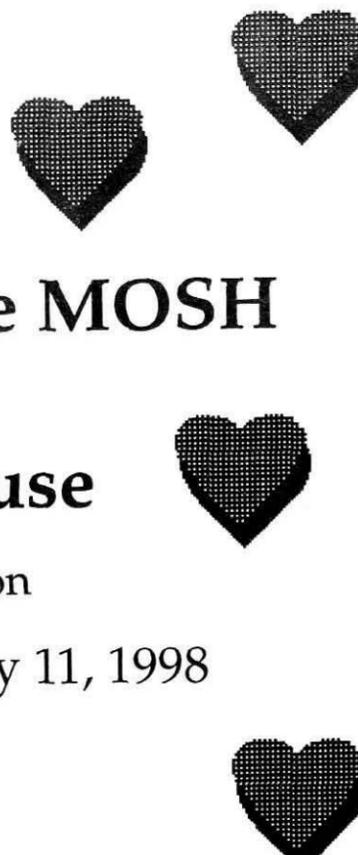


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ADAM VILLANI, MEDIA GUY



by Adam Villani

I don't have a column for you guys this week, but that's because I've been busy serving you, the reading public, by seeing as many current movies as I possibly can in preparation for my upcoming **Media Guy 1997 Movie Armageddon**. There I'll have more reviews, my top ten list for the year, my Oscar predictions, and my own personal assessment of the year in film. For now I'll say that I strongly recommend *Good Will Hunting* and *As Good as it Gets* and also suggest that you see two great foreign films out there, Belgium's disturbing *Ma Vie en Rose (My Life in Pink)* and Japan's wonderful *Shall We Dance?* Early next week, the Oscar nominations are announced. I predict that the Best Picture nominees will duplicate the Directors Guild of America nominees—*Titanic*, *LA Confidential*, *Good Will Hunting*, *Amistad*, and *As Good as it Gets*. The only possible spoiler I can see would be *The Full Monty* sneaking onto the list. Stay tuned!

The only possible spoiler I can see would be The Full Monty sneaking onto the list.

Where's the Real UROH?

Copies were to be made and bound by the Staples Copy Center, but the copy center lost my cover page and failed to complete the task on time, so I cancelled my order with them. We thus have 48 unbound copies of the UROH free of charge. They are in the houses and a bunch were put in the Coffeehouse. Bound copies are coming to a house near you very soon. My apologies for the delay.

Baldeep Sadhal

Caltech Seminar Series in Ubiquitous Computing

"Next-Century Networks"

- Speaker:** Dr. Arno Penzias
EarthLink Distinguished Visitor
Vice-President and Chief Scientist,
Lucent Technologies/Bell Labs;
Nobel Laureate
- Place:** Baxter Lecture Hall - 3rd floor, Baxter Building
- Date:** Thursday, February 5, 1998
- Time:** 5:30 P.M. - 6:30 P.M.
Refreshments at 5:00 pm

A number of networks--the Internet among them--support and shape the ways in which all of us will live and work in the coming years. Competing and cooperating with one another in an atmosphere of rapidly changing technology, each segment seeks to grow its share of the twin currencies of time and money. With an eye toward the future, we examine the various contenders and review the game's early odds:

Telco-Nets	Giant industry in transition
Broadcast	An embarrassment of options
Internet	Access to online consumers
SOHO-NET	Eighty/twenty revenue model
Intranets	Consumers at their day jobs
Extranets	Today's real e-commerce
Gated-Nets	Content CAN pay
Home-Nets	The next really big thing?

This seminar is part of the Computer Science Department seminar series supported by a generous grant from EarthLink Network, Inc.

I.H.C. MINUTES

Present: Geoff (Ricketts, chair), Mike W (ASCIT), Adrienne (Admissions), Eric Hale (New Blacker President), Amy (Admissions), Jim (Admissions), Shumway (Fleming), Mike A (ASCIT), Nasim (Admissions), Michelle (Admissions), Ryan (Admissions), Brett (Page), Andy Laucious (New Lloyd President), Brian (UASH), Kevin (UASH), Mike D (UASH)

The student reps to the admissions committee report to the IHC about the committee so far. Nasim says that the frosh class is 50% women so far. Four people have accepted the early decision admission offer.

The student reps to UASH also report to the IHC. They report that all the decisions they've seen on UASH so far seem reasonable.

Next week: Curriculum committee and Scholarships and Financial Aid.

Maria resigned as food chair, so we need to appoint a new food chair.

The quality of life survey has been released. Get a copy from your president, read it, and determine whether you like being at Caltech.

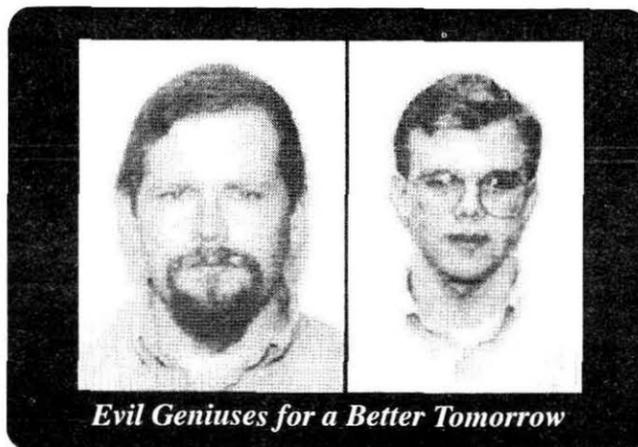
There will be 2 committees likely forming soon. One is a safety committee (including fire safety). The second is on the quality of student life. If you want to be safe and enjoy living, then tell your house president

Brett asks if frisbee golf can be a minor sport for a Disco challenge and we the presidents agree.

Judy passes rule changes in interhouse eligibility and missing referee penalties for verification so that they can be sent to the *little t*.

Tune in next week for a new IHC...

Respectfully submitted,
Judy Green
IHC Secretary



LTCM

Long-Term Capital Management, L.P.
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Long-Term Capital Management, L.P. is based in Greenwich, CT, and specializes in the development and application of sophisticated financial technology to securities and derivatives markets on a global basis. Our proprietary trading strategies are based on thorough, state-of-the-art research and analysis.

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All students who meet these qualifications are invited to sign up for an interview. Casual interview attire is encouraged.

Additional information on Long-Term Capital Management, L.P. is on file at the CDC. LTCM will be interviewing on-campus Friday, 30 January 1998.

If you have any questions, please contact Michael Nygard (Blacker '93) at (203) 552-5662, or email, mnygard@ltdcm.com.

Page House puts the Meat in 'Track Meet'

by Keity Issacs

The Interhouse Track Meet Finals were canceled due to an act of indecent exposure, Tuesday, January 27th at approximately 7:55pm at Braun Athletic Center.

Junior Dave Goulet appeared at the meet wearing a bathrobe. He wore the robe right onto his lane for the Men's 400 meter dash, taking it off at the last minute to run the race.

"...when the starter said 'get set,' he took it off, leaving nothing but a pair of track spikes. The starter hesitated a moment, but fired the gun anyway," said Junior Joe Carroll, who also ran the 400 meter.

"Literally totally stripped himself naked, no shoes, no socks, no undies, nothing!" Freshman Helen Claudio said when describing the incident.

The meet continued normally until Caltech Security arrived at the scene approximately half an hour later. The runners noticed Security near the entrance to the field, at which point Goulet quickly left. Security and Coach Bene were told of Goulet's exit when they asked about him.

Directly afterwards, Coach

Bene walked out toward the track, announcing that the meet was cancelled and telling everyone to leave the facilities.

Fleming Ath Man, Matt Musick, suggested that the houses continue the meet on their own and people began organizing the next event. However, word spread that Coach Bene had forbidden the use of any of his track equipment, which includes stopwatches, batons, starting blocks, and the starter's pistol.

The meet soon disbanded as everyone gathered their belongings and left the track--confused, amused or both.

A closed meeting inviting the Ath Man of every house, the IHC, Director of Interhouse Athletics Karen Nelson, and Director of Athletics Dan Bridges is being held today, Friday January 30th. Because of previously scheduled meeting, the IHC will not be able to attend. They will be discussing disciplinary action and whether to reschedule the meet.

Coach Bene did not want to comment until his boss, Dan Bridges made a decision about the incident.

Dave Goulet placed second in the Men's 400 meter dash.

Intercollegiate Scoreboard

1/23:	Women's Tennis	Caltech	4	Mesa Community College	5
1/24:	Baseball	Caltech	5	Dodgertown	0
	Baseball	Caltech	7	Dodgertown	8
	Women's Basketball	Caltech	34	Claremont-Mudd-Scripps	53
	Men's Basketball	Caltech	50	Whittier	88
	Women's Swimming	Caltech	40	Claremont-Mudd-Scripps	192
	Men's Swimming	Caltech	78	Claremont-Mudd-Scripps	196
	Women's Tennis	Caltech	8	Paradise Valley CC	1
1/26:	Golf	Scores not available			
1/28:	Men's Basketball	Scores not available			
	Men's Tennis	Scores not available			

Caltech-MIT Beaver Cup

The Caltech Ice Hockey Club will be playing its annual Beaver Cup game against the MIT Alumni Beavers this Sunday, February 1st at 10:00 a.m. The Caltech Beavers are coming off of a 0-5 loss.

The game will take place at the Panorama City Ice Chalet, on Van Nuys Blvd north of the corner of Parthenia. For more information or directions to the game, contact Biff Yamazaki at biff@cco or Pavel Svitek at pxs@hyra, x4449

Upcoming Matches

1/31:	Swimming at Whittier	11a.m.
	Women's Basketball at La Sierra	6p.m.
	Men's Basketball vs. Cal Lutheran	7:30p.m.
	Baseball vs. Pasadena Community College	12p.m.
	Fencing vs. Stanford and Northwestern	10a.m.
	Women's CIT-OXY Tournament at Caltech	all day
2/1:	Women's CIT-OXY Tournament at Caltech	all day
2/2:	Golf vs. Whittier at Annandale	1p.m.
2/4:	Women's Tennis at LaVerne	2p.m.

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Announcements

* The **ASCIT Movie** this week is "Gone with the Wind."

* Nominations for all other **ASCIT elected offices** opened on January 26th, and will close the following Tuesday. Signups will be on the door of the ASCIT office (SAC 64).

Daffodil Days is a nationwide event that raises funds for cancer research, education and prevention, and patient services (such as support groups, transportation to treatments, loan of hospital equipment, wigs, summer camp for children with cancer, low cost mammography screening, etc) by selling daffodils, the first flower of spring. Orders for flowers are taken through February 27th, with delivery March 16-17. A bouquet of 10 flowers is only \$7, and with a vase is \$10. Additionally, shirts, bouquets, note cards, and mouse pads will be sold. Additionally, the "gift of hope" can be given - an anonymous gift of 10 daffodils with a vase that is delivered to cancer patients in the area. If you would like to collect for your department or division, or to find out who else is selling, call Jill King at x2089

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.caltech.edu.

If you have symptoms of recent **sinus infection** (less than 4 weeks) and are seeking relief, you may be eligible to participate in a study at Huntington Hospital's Asthma and Allergy Center. Compensation is available for selected participants who complete the four-week study. Call for more information, 397-3383.

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** 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

* "Mathematics of Truth and Beauty," a Skeptics Society talk, will be held at 2:00 p.m. in Ramo Auditorium on February 1st. Admission is free with Caltech ID.

Darryl Denning, guitar, and **Cuarteto Ysaïe de Los Angeles** will be performing in Dabney lounge on February 1st at 3:30 p.m. Admission is free.

* The next movie to screen in the **German Film Series** is "Lili Marleen" (1980). It will be shown in Baxter Lecture Hall on February 4th at 7:30 p.m. The film features English subtitles; there will be an introduction and discussion afterwards. Admission is free. For more information, please call x3610.

Caltech is sponsoring a one-day **blood drive and bone marrow donor program** which will be held in Dabney Lounge on February 5th between 10:15 a.m. and 3:30 p.m. Please contact Vilia Zmuidzinis via e-mail, Vilia.Zmuidzinis@caltech.edu or at x6001 for an appointment or more information. Walk-ins are also welcome.

Pianist **James Boyk** will give a free concert on February 8th at 2:30 p.m. in Dabney Lounge.

Mints

* denotes a new announcement.

Beckman Auditorium will be hosting the **Vermer Quartet** with **Anne-Marie McDermott** on February 8th. This Coleman Chamber Concert will feature Schubert's String Quartet in E-flat Major, Shostakovich's String Quartet No. 8 in C minor, and Dvorak's Piano Quintet in A Major.

* A seminar, "Frank Capra's 'Our Mr. Sun': Television, Audience Attitudes, and the Science Corporation in the 1950's", will be given on February 13 by Dr. Eric Smoodin of U.C. Berkeley. It will be in Baxter 25, at 4:00 p.m. Refreshments will be served afterwards.

Les Ballets Trockadero de Monte Carlo will perform classical ballet parodies on February 13th at 8 p.m. in Beckman Auditorium.

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.: Dominick Dunne will be speaking on February 26th, Elizabeth Dole 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.

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

* The **National Institute of Health's Undergraduate Scholarship Program (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. FAR

Real World Internships/Careers, Inc., the only agency of its kind in New York's Silicon Alley, recruits college students and recent grads for internship, contract, and entry-level positions at New York-based firms. More information can be obtained at www.rwinterns.com, or by calling (516)295-5373.

The **Glamour Magazine's 1998 Top Ten College Women** competition has begun. The competition is open to all full-time juniors regardless of major or GPA. All entries must be postmarked by January 31, 1998. Contact the Dean of Students Office, 102 Parsons-Gates for the applications.

The **Korean American Scholarship Foundation** is pleased to offer over 48 scholarships totaling over \$52,000. Applicants must be full-time students of Korean heritage enrolled in at least the 2nd year of college, graduate school or professional school in the Western Region. Each applicant must submit an application form, transcripts from the last two years, two letters of recommendation, one picture taken during the last year, and a copy of both student's and parents' or guardians' Federal Income Tax return from last year. Applications and information may be obtained through the Financial Aid Office or through the foundation website at www.kasf.org. Applications must be submitted by January 31, 1998. UFA

The **Josephine de Kármán Fellowship Trust** is pleased to announce the availability of ten fellowships in the amount of \$7,000 for 1998-99. All studies must be carried out within the United States and expended within the United States. Fellow-

ships are open to students entering their senior undergraduate year and graduate students entering the terminal year of a Ph.D. program in Fall 1998. For application information, visit the Financial Aid Office. Applications must be postmarked no later than January 31, 1998. FAR/UFA

All undergraduates can apply for a **summer or academic term fellowship** for research at one of nearly 60 federal and industrial facilities, which range from 8-16 weeks and available in a range of science and engineering fields. Students receive a minimum of \$300 per week plus travel to/from the facility. For summer fellowships, applications are due by February 1, 1998. For more information, visit the Obtaining Fellowship section of www.awu.org.

Applications are now being accepted for the 1998-99 **National Academy for Nuclear Training scholarships**. Scholarships are \$2500 each and will be awarded to eligible students majoring in nuclear engineering, power generation health physics, or chemical, electrical, or mechanical engineering with nuclear or power options. Applicants must be U.S. Citizens, have minimum 3.0 G.P.A.s, and be full-time sophomore, juniors, or seniors in 1998-99. Preference will be given to students demonstrating specific preparation for employment in the U.S. nuclear power industry. Scholarships are renewable. Applications and information are available in the Financial Aid Office. Applications must be postmarked by February 1, 1998. UFA

Applications are now being accepted for the **College Women's Club of Pasadena Scholarship Foundation**. Two nominations will be made from Caltech. Applicants must be female, U.S. Citizens, sophomore year or higher, and have a minimum 3.0 GPA on a 4.0 scale. Each nominee must provide a completed application form, a one page, typed, personal essay, transcript of college work to date (including current courses and commitments), three recommendations, preferably from professors familiar with applicants aspirations and achievements, and a current resume. All application materials should be submitted to the Financial Aid Office no later than Thursday, February 5, 1998. UFA

Seniors interested in journalism as a career may wish to apply for the **Newhouse School of Public Communications fellowship** for Masters programs in journalism at Syracuse University. Students receive full tuition, \$1,100 per month living stipend, up to \$1,500 for moving expenses to Syracuse, NY, \$800 for travel, up to \$1000 for books and fees, and a paid professional internship with a newspaper. Applicants must be U.S. citizens, and members of underrepresented groups in the journalism field. Fellowships Advising can send you more information on the program or contact the program director, Jane Lorraine at jalorrai@suadmin.syr.edu. Applications are due February 10 and GRE general test scores are required for application. FAR

* The **University of Kentucky Medical Center** is offering a summer research fellowship in the biomedical sciences. Application deadline is February 15th. A \$2500 stipend is being offered for ten weeks, with the start date of the program being flexible. UFA

The **American Society of Naval Engineers** is offering \$2,000 undergraduate scholarships and \$3,000 graduate scholarships for the academic year 1998-99 to students who are interested in naval engineering. Applicants must be U.S. Citizens, must demonstrate a genuine interest in a career

in naval engineering, and must be applying for either their last year as an undergraduate or co-op undergraduate program, or one year of graduate study leading to a designated degree at an accredited college or university. The deadline to submit applications is February 15, 1998. UFA

The **Backpacker Outdoor Scholarship Program** is offering twenty-five \$1000 scholarships in three categories: Outdoor Leadership, Environmental Leadership, and Outdoor Writing. Students may apply for more than one scholarship, but can only be awarded one. The scholarship is open to any full-time undergraduate student, any major, attending a four-year college. The student must maintain a 3.0 G.P.A. average or better and must be a junior or senior the year the scholarship is used. The application and submission requirements are available in the Financial Aid Office. Entries must be postmarked by February 16, 1998. UFA

* **Summer Undergraduate Research Fellowships in the biosciences**: Must have completed sophomore year by the time the fellowship begins on June 1st. This ten week program at the University of Texas Medical Ctr. in Dallas carries a \$3000 stipend. Applications are due on February 17, 1998.

During the summer of 1998, the **National Nanofabrication Users Network (NNUN)** will be sponsoring a Research Experience for Undergraduates (REU) Program. Emphasis will be placed on minority and female participation; however, all engineering students entering their junior and senior year in the fall of 1998 are eligible. Forty-two undergraduates will be chosen to partake in a ten-week program, offering hands-on nanofabrication research in chemistry, electronics, materials science, optics and optoelectronics, physics, and life sciences. Participants receive a \$3500 stipend, round trip travel expenses from their home institution, and housing at the research site. The application deadline is February 20th, and awards will be announced on March 20th. More information is available on the REU website, www.cnf.cornell.edu. Applications are available in the Deans' Office, 102 Parsons-Gates.

* Women will be in graduate study during the 1998-99 academic year and who are U.S. citizens who are also California residents may apply for the **\$3000 Soroptmist Int'l Fellowship for Women**. Students must be pursuing either a Master's or Ph.D. level study at a graduate school in Los Angeles County. Deadline: March 1, 1998/ UFA

* The **American Meteorological Society** is offering AMS/Industry undergraduate scholarships in the Atmospheric and related Oceanic and Hydrologic sciences. Applicants must be entering their junior year of undergraduate study in fall 1998. Two categories of students are eligible: 1) students who are enrolled or are planning to enroll in a course leading to a bachelor's degree in the aforementioned sciences, or 2) students who are enrolled in a program leading to a bachelor's degree in science or engineering who have demonstrated a clear intent to pursue a career in the aforementioned sciences following completion at the graduate level. Awards are for \$2000 for 1998-99 and an additional \$2000 for a subsequent nine-month period in the senior year. FAR

The Dean of Students Office is accepting proposals for the **Monticello Foundation Internship** and the **Robert and Delpha Noland Summer Internships**. Three to five Caltech undergraduate women will be

given an opportunity to participate in research projects outside of the Caltech community for ten weeks during the summer. Applicants are required to identify the projects in which they wish to participate. Please stop by the Deans' Office to review sample proposals from past years, or to discuss your proposal before the deadline date. Proposals must be received by March 2, 1998.

California residents who plan to attend graduate school in California should apply for the **California Graduate Fellowship Program**. The application deadline is March 2, 1998. Information booklets giving details and application procedures are available from Fellowships Advising. Information is also available on the Web at <http://www.csac.ca.gov>. FAR

* 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. UFA

* 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 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 G.P.A., 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. 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@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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