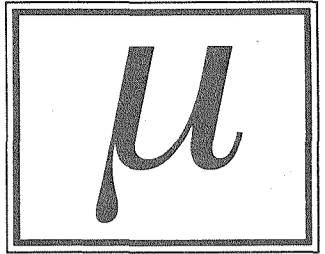


# The California Tech



Volume XCVI, Number 3

Pasadena, California

Friday, October 7, 1994

**Undergraduates!** Monday, October 10, 1994 is an election day! You will vote for ASCIT President. The nominees are T.J. Creath, David R. Derkits, Asif Hassan, Monwhea Jeng, Jeff Kirshberg, and Jonathan McDunn. On your ballot, you will find voting instructions; the rank-preferential system will be used. Also you will be voting on a bylaw amendment (see page 2 of this paper); simply check "yes", "no", or "abstain". "There will be one ballot box in each of the seven houses till 10:00 P.M., at which time the boxes will be retrieved and the results tabulated. Only ASCIT members are permitted to vote in this election. Any questions or comments should be directed to Cedric Hobbs, ASCIT Election Chairman, at 568-0001 or [cedricit@ugcs.caltech.edu](mailto:cedricit@ugcs.caltech.edu).

## Help Project ScienCenter

by Michael Ru

Aside from the prominent excellence in academia, Caltech has been know to be the playground of practical jokers. With ingenuity, creativity, and unlimited access to resources, Caltech students have concocted legendary stunts designed to outlive even the oldest of things. Well, the notoriety of these stunts have sounded off across Southern California, prompting people to anticipate the next great caper of Techers. Well, there is an opportunity now for members of the Caltech community to really flaunt their intelligent and witty ideas, all for a good cause. This is a chance for you to meet other people, expand on your creativity and ingenuity, contribute to the community, and most of all have a lot of fun.

Earlier in August, the California Museum of Science and Industry requested the assistance of Caltech SURFers for a high profile media event to take place late in November. The SURF Office subsequently congregated a group of SURFers to help coordinate, design, and build this project. Now the project has grown to a full-fledged community service project with the generous assistance from the Caltech Y. The Y is now looking for anyone interested in helping out with this project and to assist in its completion by the deadline.

What is this project, you might ask? In order to renovate the museum and to bring the museum displays up-to-par with the rest of the museums around the country, the museum curators and community members have worked together with the private sector to raise over \$235 million in funds for a full two-year project aimed to completely re-vamp the appearance and standards of the museum. In addition, come late November, the museum will unveil its plans as well as its new name and logo to christen the birth of the California ScienCenter. The unveiling will be a big media event in which members of the press as well as notables such as the governor will be there to celebrate the ground-breaking ceremonies.

As the center of attention for this event will be a giant display which the museum representatives have asked the Caltech students to design and build. Home Depot has already allotted funds for the purchase of materials and supplies for this project. Tentative designs have already been made and the general schematics have been drawn. The only missing piece in this giant jigsaw puzzle of creativity and ingenuity is contribution of man-power from the Caltech community.

The museum representatives have asked that pizzazz be added to the display in order to call upon gen-

eral "ooh's" and "ahh's" from the audience of at least 1,000 who will attend the ceremony. However, with the present amount of man-power available, it is not sufficient to accomplish much less finish the project on time. Therefore, the Caltech Y is looking for anyone in the Caltech community (including staff, faculty, undergrads and grads, and anyone interested) to please help out. Currently, the skills of mechanical engineers, electrical engineers, and people who are skilled at building gadgets and mechanisms are critically needed. A general design has been made, but input and final design specifications from those mentioned are needed in order to build an working, interactive display that advertises the museum's new name and logo.

So if you like to build things involving motors, pulleys, and other mechanical gadgets, or if you just like to help in a little community service and benefit the people in the community, please help us out. The people that are involved in this project are invited to attend the ceremony in late November. Moreover, any student who qualifies for Work-Study is encouraged to participate in this event since the Y has agreed to pay \$9/hr for on-campus and \$12/hr for off-campus work. If interested, please contact Athena at the Caltech Y at x6163 or e-mail Carol at [caseyc@starbase1.caltech.edu](mailto:caseyc@starbase1.caltech.edu), x2885.

**The little t is here! If you haven't picked up a copy yet, do so at Dabney 18, the little t office, or the Dean's Office.**

## Stoppard to Deliver Michelin Lecture

by Gavin Claypool

Playwright Tom Stoppard is the highlight of Public Events' October schedule at Caltech.

The author of *Rosencrantz and Guildenstern Are Dead* will give this year's James A. Michelin Lecture, "Playing With Science," on Thursday, October 20 at 8 p.m. in Beckman Auditorium. Admission is free.

Throughout his career, Stoppard has used ingenious plots, exuberant wordplay, and an incisive blending of the sublime and the ridiculous to create works that have established his reputation as one of our most thought-provoking playwrights.

The Michelin lecture series was established to foster interaction between the arts and science. Stoppard's plays *Hapgood*, a spy thriller with quantum mechanics, and the recent *Arcadia*, which flirts with chaos theory, are prime examples of the successful fusion.

The Descanso Trio launches the new season with a free concert this Sunday at 3:30 p.m. in Dabney Lounge. Three works by Zoltan Kodaly will be performed by violinist David Stenske, cellist Joyce Greeting, and pianist Robert Sage in the initial Paco A. Lagerstrom Chamber Music Series concert.

The silent version of Alfred Hitchcock's *Blackmail* (1929) will screen Thursday, October 13 at 8 p.m. in Beckman Auditorium. The Matrix Ensemble will accompany the film, performing a new score which is commissioned. The sound version of this film is known as "Britain's first talkie,"

but many critics consider the silent version superior for its greater artistic consistency and dramatic impact.

Tickets for *Blackmail* are \$28/\$25/\$22; Caltech students can purchase half-price tickets in advance and \$8 Rush Tickets on October 13 (subject to availability). Caltech faculty and staff receive \$2 off on tickets brought in advance and half-price tickets on October 13 (if available).

Folk singers Mike and Peggy Seeger take over the stage of Beckman Auditorium Saturday, October 15, at 8 p.m. Singing traditional and original songs to each other and with each other, they reflect on the role of folk music in society as well as their lives growing up with brother Pete. Tickets are \$25/\$22/\$19; Caltech students can purchase half-price tickets in advance and \$8 Rush Tickets beginning October 14 (subject to availability). Caltech faculty and staff receive \$2 off on tickets brought in advance and half-price tickets on October 14 (if available).

The circus is coming to town! The L.A. Circus will set up on Beckman Mall Sunday, October 16, with three 60-minute shows starting at noon, 2 p.m., and 4 p.m. Clowns, aerialists, acrobats, jugglers, a world Hula Hoop champion, and a live band pack a lifetime of experience into one fabulous hour. Tickets are \$9 for adults, \$5 for children. The 2 p.m. performance will be ASL interpreted.

The Watson Lecture Series in Beckman Auditorium resumes Wednesday, October 19, at 8 p.m. with Dr. Shrinivas Kulkarni, professor of astronomy, describing "The Most Accurate Clocks in the Universe"—pulsars. Admission is free.

The classic battle of the sexes, Shakespeare's *The Taming of the Shrew*, will be presented by the California Shakespeare Festival on Friday, October 21 at 8 p.m. in Beckman Auditorium. Director Jeffrey Bihl sets the comedy in a timeless world, employing a broad comedy style drawn from *commedia dell'arte*. Tickets are \$25/\$22/\$19; youths (under 19) receive \$2 off. Student and senior Rush Tickets \$8 beginning 30 minutes before the performance (subject to availability).

The Vienna Choir Boys return to Beckman Auditorium Saturday, October 22, at 8 p.m., continuing their centuries-old tradition of music-making. Sacred songs, secular and folk music, and a costumed operetta are included in their program. Tickets are \$28/\$25/\$22. Tickets are \$25/\$22/\$19; youths (under 19) receive \$2 off. Student and senior Rush Tickets \$8 beginning 30 minutes before the performance (if available).

All aboard! for *The Great Canadian Train Ride* in Beckman Auditorium on Friday, October 28, the initial Armchair Adventures offering. The train departs at 8 p.m. Call the Caltech Ticket Office for tickets to this film or other Caltech events.

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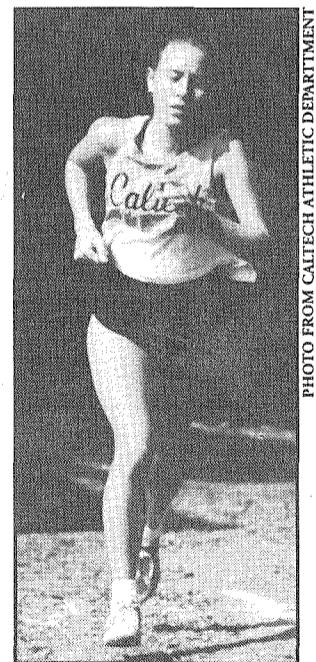


PHOTO FROM CALTECH ATHLETIC DEPARTMENT

Cailin Henderson on the winning stretch at the Biola Invitational. Story on Page 6.

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## Editors' Corner

### From your Friendly Tech Editors

Wow! What a tiring week! Maybe you frosh don't know it, but these recent politics goings-on have tired us quite out! This issue is jam-packed full of stuff for you to read and digest, especially on these two pages.

First, we suggest you read all the candidates' statements carefully before you make any decision today. After you do that, read closely the proposed changes to the bylaws (reprinted for your convenience at the right) and also make your decision. ASCIT is going through tough times now, so we need all the support that we can get.

The same is true of *The California Tech*. A big thank you to all who came to the meeting last week, and we hope you will come again. If you can't come, we should remind you that the deadlines and contacts for the editors are still the same:

### Deadlines for Submission to The Tech

Letters to the Editor — 5 P.M. Monday

Events and Notices — 5 P.M. Tuesday

Unsolicited Articles — 5 P.M. Tuesday

Regular/Semi-Regular Columns — 5 P.M. Wednesday

Articles, News Submissions — 5 P.M. Wednesday

Art/Photo Submissions — 5 P.M. Thursday

## Work for The Tech!

3 units of PA15 and free food all in one!

12:00, Fridays, Coffeehouse

(Isn't that double-f just so cool?)

Please send submissions for letters to the editor to *The California Tech*, Caltech 40-58, Pasadena, CA 91125, or by electronic mail to [editors@tech.caltech.edu](mailto:editors@tech.caltech.edu). Deadline for submissions is Monday at 5pm on the week of publication.

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

## Proposed Changes to the ASCIT Bylaws

Just for clarification and reference, we are printing the text of the proposed amendment once again. Please keep in mind that the proposals listed all fall under one amendment and will be voted on as such.

### 1. In Article VI, Section 2, change:

The Executive Committee shall have the power to interpret the bylaws. It shall also have the sole power to consider the validity of protests and reschedule invalidated elections.

### to read:

The Executive Committee shall have the power to interpret the bylaws. It shall also have the sole power to consider the validity of protests, including protests over whether a petition or amendment concerns the Board of Control. It shall also have the sole power to reschedule invalidated elections.

### 2. In Article VIII, Section 12, change:

Upon presentation to the Board of Directors, by any member of the Corporation, of a petition bearing the signatures of twenty percent (20%) of those eligible to vote for an office in which there was a vacancy because "NO" was the winner of an election...

### to read:

Upon presentation to the Board of Directors of a petition bearing the signatures of twenty percent (20%) of those eligible to vote for an office in which there was a vacancy because "NO" was the winner of an election, by any eligible voter in said election...

### 3. In Article IX, Section 1, add the following at the end of the section:

If the requested legislation concerns the Board of Control, the signatures of twenty percent (20%) of the registered undergraduates shall suffice to bring the matter before the Board of Directors, who must bring it to a secret ballot, open to all registered undergraduates.

### 4. In Article IX, Section 2, add the following to the end of the section:

If such legislation concerns the Board of Control, the vote shall be open to all registered undergraduates.

### 5. In Article IX, Section 3, add the following at the end of the section:

A vote restricted to the members of the Corporation may not amend or strike down any legislation concerning the Board of Control.

### 6. In Article XI, add Section 2:

No Bylaw amendment concerning the Board of Control shall be made by any vote restricted to Corporation members.

Such amendments may be proposed by official action of the Board of Directors, or by submission to the Board of Directors of the proposed amendment signed by twenty percent (20%) of the registered undergraduate students. The President shall then put the amendment to a vote open to all registered undergraduates within fifteen (15) days after the submission of the amendment. Notice of the election and a complete statement of the amendment shall be posted and published at least seven (7) days prior to the election. Two-thirds (2/3) of the votes cast shall be necessary for adoption.

# ASCIT

## TJ Creath

My name is TJ Creath, and I am running for the office of ASCIT President. I was Ruddock House President from February 1991-1992.

In the last year the students have had a great opportunity to improve the quality of life on this campus. Two of the offices with the most direct effect on student life have new arrivals welcome student input (Tom Mannion in the housing office and Sharyn Slavin in the Student Affairs office). If the people in student government put some effort into it we could gain a lot of influence in what and how things are done on this campus.

The IHC has been able to act on this opportunity despite the resignation of its chairman last year. They have regained influence in the DRLs office and have Tom Mannion at meetings on a fairly regular basis.

Unfortunately the ASCIT BOD has not recognized this potential. Admittedly two ASCIT Presidents have resigned and this makes it difficult for the BOD to concentrate on their job. However, the president is only one of 9 members and he doesn't have a vote. So why is the BOD having such difficulty this year?

Well, I can only give you my opinion which is that personal political agendas have taken priority over the good of the student body. Some of the BOD members have lost sight of their jobs as student representatives.

What the students needs is an ASCIT President who won't allow the BOD to forget that they are student representatives. What the BOD needs is a president that will be able to control meetings and keep the discussion focused and relevant.

To the frosh: talk to the upperclassmen in your house and your House President. They will be able to give you more information about the issues and the candidates.

## David R. Derkits

In Monday's election, you will have the opportunity to vote for the next ASCIT President. I believe I can serve the student body well in this position, and I ask for your support.

As Secretary of ASCIT, I have worked closely with the previous Presidents, my colleagues on the Board of Directors, the Interhouse Committee, and other undergraduates active in student life. As your representative, I have discussed student concerns with various members of the administration and faculty. Over the summer, I performed many of the presidential duties as acting President. I look forward to continuing these efforts, in a much broader sense, if elected ASCIT President.

I will bring other advantages of my service as Secretary to the Presidency. I am familiar with the various branches and officers of ASCIT, from the publications to the student committees, and I can effectively manage the affairs of the government, direct issues to the appropriate bodies, and coordinate action. As

# The California Tech

Caltech 40-58 SAC, Pasadena, CA 91125  
phone: (818) 395-6153  
e-mail: [editors@tech.caltech.edu](mailto:editors@tech.caltech.edu)  
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**SOON-TO-BE  
ASSIGNMENT EDITOR**  
Kenneth Lee

**COPY EDITORS**  
Shay Chinn  
Tom Grundy  
Wei-Hwa Huang

**LAYOUT EDITORS**  
Tom Grundy  
Wei-Hwa Huang

**BUSINESS MANAGER**  
Dov Rosenberg

**CIRCULATION**  
Rebekah Mills

**PHOTOGRAPHERS**  
Richard Zitola  
Stephen Van Hooser

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### STAFF WRITERS

Toby Bartels  
Zack Berger  
J. Random Hercfrosh  
Wei-Hwa Huang  
Michael Kantner  
Lauren  
Laurent Stadler  
Steven Van Hooser  
Adam Villani

### CONTRIBUTORS

David Derkits  
Stanley Grant, III  
Flora Ho  
Tophier Hunter  
Axel Kratel  
Sakae Suzuki

**ADVISOR**  
Hall Daily

# SOMETHING DIFFERENT AT CALTECH

ALFRED HITCHCOCK'S CLASSIC FILM

## BLACKMAIL

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### MATRIX ENSEMBLE

THURSDAY, OCTOBER 13, 1994 / 8 PM

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Mike & Roggy

## SELECTION

SATURDAY, OCTOBER 15, 1994 / 8 PM

\$25.00 - 22.00 - 19.00

## the L.A. Circus

SUNDAY, OCTOBER 16, 1994 / NOON, 2 & 4 PM

\$9.00 Adults - \$5.00 Children

## The TAMING of the SHIREW

FRIDAY, OCTOBER 21, 1994 / 8 PM

\$25.00 - 22.00 - 19.00

## Vienna Choir Boys

SATURDAY, OCTOBER 22, 1994 / 8 PM

\$28.00 - 25.00 - 22.00

### CIT STUDENTS:

1/2 price in advance, \$8 rush day of event

### CIT STAFF / FACULTY:

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1/2 price Techlix day of event

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# Presidential Candidate Statements

Secretary, I have established new channels of communication, notably over the network newsgroups, the world wide web, and through more detailed minutes; I will continue my efforts to improve communication as your President.

My background includes experience on faculty-student committees, including Scholarships and Financial Aid and Academic Policies. In the latter, I was involved in the evaluation of the core curriculum. As ASCIT Election Chairman, I played a major role in the design and implementation of the new election procedures, and as President I will make use of the focus and teamwork which made these changes possible. I have also been active within the House system, having served on the Page House Social Team and as Damage Rep. I will bring the same dedication, enthusiasm, and efficiency I have shown in my work in these duties, and the office of Secretary, to the office of ASCIT President.

My experience in ASCIT over the past two years has given me a sense of the strengths, weaknesses, and potential of this body. While our officers have been able to produce quality publications, social events, and other services, ASCIT has not been up to par in dealing with many issues: inadequacies in teaching, a growing bureaucracy in student affairs, and disrespect for the Honor System by others in the Caltech community, to name a few. It is shocking, but unfortunately true, that policies with significant effects on undergraduates are proposed and passed without ever consulting the students (the new E policy, for example). As recently as ten years ago, the mutual respect and cooperation between students and the faculty and administration ensured that all parties would work towards their common interests. It goes without saying that this is no longer the case. ASCIT has been slow in reacting to these changing conditions and the need for a proactive government to advocate undergraduate interests. In many respects the lack of action has been a structural problem (overburdened offices, unclear jurisdiction, poor communication). The next ASCIT President must work with student leaders, and undergraduates in general, to find the best ways to strengthen our system of government. If elected, I will strive to maximize our effectiveness under the current system, while we explore and reach consensus on long-term improvements for implementation within the year.

As your President, I will work closely with the Board of Directors, the undergraduate community, the faculty, and the administration to advance your interests. As you vote Monday, I hope you consider voting for David R. Derkits as your next ASCIT President.

## Asif Hassan

I'll make this short and sweet.

I have a great deal of experience in student government: I spent one year as an appointed student representative to the Board of Control; halfway through my sophomore year I was elected IHC Chairman, and

consequently spent one year on the ASCIT Board of Directors as well; during my half-year hiatus from official office, I remained involved in student government through the Student Affairs Advisory Committee. I already know on a personal basis most of the administrators with whom the ASCIT President must deal, and I am familiar with the structure of the organizations in which they sit.

The past six months have been a tough time for ASCIT. It is certainly true that ASCIT has problems that need fixing, but on the other hand for every legitimate community concern brought to the BOD there are invariably forty-nine people screaming about their own special interests. My experience on the BOD and in student government in general should allow me to help the BOD tread the fine line between responsiveness to its membership and executive decision-making.

## Monwhea "Momo" Jeng

Events over the last year have shown two major problems with student government at Caltech. The first problem is that the academic workload of a Caltech undergraduate is so great that it's difficult to find someone who has time to maintain satisfactory academic progress and deal with all the duties of student government. With positions of greater responsibility, like ASCIT President and IHC Chairman, this problem is more pronounced. Over the last year, we've had two ASCIT Presidents and one IHC Chairman resign.

The second problem is while ASCIT government is supposed to represent all the students, many students feel that ASCIT favors some Houses over others. Some members of South Houses feel that ASCIT is dominated by larger North Houses, like Ruddock and Page. The ASCIT BOD currently has eight members: four from Page, three from Ruddock, and one from Ricketts. Since members in a single house may have common interests, and it's not hard to see why many people feel underrepresented. And some members of North Houses feel that BOD policies which fund all houses equally are unfair, since the larger North Houses then get less money per person. Since Ruddock has more than 50% more on-campus members than Dabney, this complaint also seems reasonable. Whether or not these reasonable complaints are true or not, they damage student government. The ASCIT BOD has had to spend more time dealing with complaints from students, exacerbating the time problem mentioned in the first paragraph. And if the complaints persist, ASCIT will have trouble convincing the administration that the students are united on important issues.

I have a simple solution to both of these problems. If elected ASCIT President, I will appoint a new person to carry out the duties of the ASCIT President each week. This person would be called the Tempo-

rary ASCIT President, or TAP. Each person picked to act as TAP would attend the BOD meetings, get suggestions and complaints from the students, and deal with the administration. As the actual ASCIT President, I would advise and oversee the TAP, making sure that their decisions were reasonable and fair. Every Sunday I would pick a new TAP. I believe that this system would be permissible under the current ASCIT bylaws. The President is responsible for presiding over BOD meetings, getting student opinions and complaints, and representing the students to the administrations. However, this simply means that he is responsible for making sure that the aforementioned duties are done by someone, not that he must carry them out himself. Article IV, Section 2 of the ASCIT Bylaws implies that the ASCIT President has the power to delegate their duties, providing that they retain responsibility: "He shall have ultimate responsibility for proper observance of all responsibilities delegated. . ."

Each week I would attempt to pick the best qualified TAP that I could find, constrained only by two simple rules. No person would be picked as TAP more than once. And in every ten week period, I would appoint at least one TAP from each house, and no more than two TAPS from any single house. This system would solve both of the major problems facing ASCIT. Because each TAP would only serve a week, no person would have an excessive amount of work over the term. I would be the genuine ASCIT President for the entire official term of office, but I'm pretty sure that I could handle the supervisory duties of the Presidency. Furthermore, even if a TAP found their duties for their week to be excessive they could simply appoint a Temporary TAP, or TTAP. The system also solves the problem of the house-centered conflicts. Since every house will have had one of their members appointed Temporary ASCIT President, no one will be able to complain that their house has little influence over ASCIT.

I believe that my system solves both of the major problems facing ASCIT today. If it works we will have a better, stronger, and more resilient student government. If it fails, we only lose ten weeks of an interim presidency. I think the risks are worth it. So when you vote for ASCIT President, vote for Momo Jeng.

## Jeffrey Kirshberg

I know that I am the best candidate for the office of ASCIT president. The question is: How can I convince you that I should be elected? I could go in to great detail about my service on the Board of Control, my appointment to the Upperclass Admissions Committee, or my time spent as a UCC doing Spanish mime at this year's new student orientation. However, this would probably bore me faster than it would bore you, so instead I have elected to discuss the actual ISSUES that I would focus on if appointed.

First, ASCIT donuts . . . gotta

go!! I would use the money allocated for this event to replace it with ASCIT wine and cheese. Every Friday at 5:00 P.M. (a bit more reasonable than 8:00 am) there would be, amazingly enough, massive amounts of wine and cheese to be consumed on the olive walk, while reggae music filled the air. Since the purpose of an ASCIT event is to promote inter-house socialization, I believe that having the same twenty people eating donuts should not be sponsored anymore. On the other hand, getting together after classes on Friday afternoon so that we can relax and get drunk in order to eat TFM food, would create a much needed ASCIT social hour.

Second, we need twenty-four hour medical service at the Caltech Health Center. If you need medical assistance outside of the Health Center's business hours, they will either refer you to the hospital in Huntington or tell you to come back later. Anyone who has ever gone to Huntington can attest to what a nightmare that place is. I think that we pay a great deal of money to attend Caltech, and it is certainly within our rights to request that the Health Center be staffed around the clock. It has also come to my attention that students might feel more comfortable telling the "entire" story to our medical staff, rather than the doctors at Huntington. This is our community and it should be made safe and comfortable for us.

Third, I will protect all student's rights. Are you aware that your RA's receive a copy of your blue slips when you are failing a class? I can see the validity of having the RA's view our pink slips when we are Frosh in order to smooth a difficult transition. However, after that transition we must be fornia College Invitational, ur grades, which you earned at an institution that you pay for. Even our parents can't view our grades without our permission, so why should the RA's automatically have this right. If you don't mind this practice than that's your prerogative, but at the very least each individual should be given the option to keep their grades a secret.

Fourth, I would attempt to reinstate a diversity panel at new student orientation. We live in a community which is made up of hundreds of different lifestyles. However, it feels as if only a very select few are represented at Frosh camp. Several years ago there was a panel presentation on different races, cultures, lifestyle choices, sexual preferences, religions, etc. . . But this presentation was eliminated for reasons no one seems to understand. What makes this school great are the different types of people that come here, people who must feel comfortable living the way they want to live. As new students we should be exposed to this in the same manner that we are exposed to the honor code: as something that we must all live while we are attending Caltech.

These are just a sample of the ideas and programs that I would fight for if elected ASCIT president. I can't promise that they will all get passed, but I can promise you this. I will represent the students the only way I know how: by fighting for your rights. Remember, this is your school, not the administration's, and

its time that someone stood up and fought for you. Elect Jeff Kirshberg for ASICT president.

## Jonathan McDunn

My main goal for ASCIT, if I am elected, is to make the BoD and its pursuits a more visible and hopefully more effective part of undergraduate life. This is what I said when I ran for ASCIT President earlier this year. I still feel that this is important, however, along with this, is the need for ASCIT to change. If elected, I hope to be a part of the force that changes ASCIT away from the bureaucratic organization it has become and into a body that is more open to feedback from all its members. A body that is truly representative of the student body.

After all, the ASCIT BoD is not an end unto itself. Rather, it is the means by which undergraduates assert themselves as members of the Caltech community. It exists to serve the undergraduate body, not to elevate those who are elected.

Thank you.

## Wei-Hwa Huang

What? My name's not on the ballot? How did that happen? Oh. Well then, I guess the jig is up. I'm not really running for ASCIT President. Instead, I'm deviously using this space to tell you that you should work on the staff of *The California Tech*.

Why should you work on *The California Tech*, you ask? Well, I'll tell you. The *Tech* has the largest circulation compared to any other newspaper on campus. Working for the *Tech* can give you practical experience in the field of journalism. Joining the staff is also a great way to get your name in print. And besides that, you get three units of credit, too!

A common misconception among people is that journalism is a lot of "writing." Well, maybe in the real world the reporters outnumber the editors by a lot, but over here that's not the case! Why, all you need to do to help is to know how to use a spell-checker! Don't be afraid, we're all amateurs here.

Another attitude common in recent years is that "*The Tech* sucks and I could do a better job, so I'll wait until the current editors get fed up until I can run." Well, if you think you can do a better job, why not use this time for practice? Most editorships found out the hard way. You don't have to go through that; we'll try to help you while we still can, so you can carry on the tradition smoothly. We welcome any comments or suggestions. We even use some of them.

In any case, I urge you to help us. Catch us in our office in the SAC at Wednesday or Thursday night. And after you vote for ASCIT President, come down to the coffeehouse and share some free food with us.

# Campus News

## America: Land of the Free?

by Amanda Eckermann

You know what it feels like when someone invades your personal space. You know that feeling of violation and indignation. We all have different ways of dealing with that situation. But could it be that we are all ignoring a very similar situation that is taking place on a much larger scale?

Here at Caltech, we, the students, enjoy a number of freedoms that are denied to many students at universities across the country. We can choose our own roommates and live in coed rooms, not just coed dorms, if we so desire. Physical plant allows students to carry master keys, a practice unheard of at many other

schools. In turn, every member of the Caltech society is bound by the honor system, and this system works very well. However, as some will jokingly point out, Caltech is not 'the real world.'

In the 'real world', the federal government is infringing on the constitutional rights of Americans across the nation. In one case, the federal government is prosecuting three citizens for assembling and publishing a pamphlet speaking out against a government plan to construct a halfway house in their neighborhood. The penalties imposed could include exorbitant fines and possible jail time. Recent federal legislation made it illegal for law-abiding people to buy certain weapons. The same legisla-

tion will do little if anything to disarm criminals that already illegally own such weapons. One congressman from the South can be quoted as saying "The American people are going to get a health care plan whether they want one or not." Others said the plan would preserve freedom.

The federal government has become arrogant and unruly, and it is time the American eyes were opened to its activities. If you are interested in learning more about the federal government's illicit operations, or just want to participate in lively political discussion, watch for announcements concerning meetings of the new campus club, the Caltech Students for Freedom.



## A STEP BACKWARD

Via NY Transfer News Collective \*All the News that Doesn't Fit\*  
submitted by Stephen Van Hooser

Imperialist diplomacy more often than not is a cover for hostile actions.

Even as the U.S. government is conducting negotiations with the Democratic People's Republic of Korea over normalizing relations, the Pentagon has stepped up its military threats against socialist Korea.

The second session of the third round of U.S.-DPRK talks opened in Geneva on Sept. 23. The agenda of these talks should be to end the state of war that the U.S. still maintains against north Korea and reduce the massive Pentagon presence that keeps the Korean peninsula divided.

But the U.S. government showed what its real agenda was by deploying a large aircraft carrier flotilla in the sea east of Korea at the very moment the talks began. This was described by the admiral in command as "backing the DPRK-USA talks with strength."

Needless to say, the DPRK has no troops in the U.S. nor has it ever in its history carried out invasions, interventions, flyovers, occupations or military exercises in any foreign country.

The U.S. naval exercises were conducted jointly with Japan, which held all Korea under brutal colonial rule earlier this century. But, a U.S. official assured reporters, the maneuvers posed no threat to Pyongyang.

Only weeks before, on Aug. 22, the Pentagon and the south Korean military had launched a super high-tech joint-command war game designed to simulate military aggression against the north.

So where is the "nuclear threat" on the Korean peninsula coming from? The people of the DPRK have lived for years in the shadow of U.S. nuclear weapons stockpiled in the south and nearly 40,000 U.S. troops stationed there, plus the planes and ships of the Seventh Fleet.

The environmental group Greenpeace revealed in early September that the Pentagon has been secretly transferring nuclear weapons technologies to Japan since 1987. This makes a mockery of the nuclear non-proliferation treaty that Washington continually brandishes against the DPRK.

"Dialogue is incompatible with military threats," said a spokesperson for the DPRK Foreign Ministry on Sept. 24. "The hard-line conservative forces in the U.S. military, puffed up with conceit over the Haiti situation, are now trying to obstruct the DPRK-USA talks. It is the disposition and will of our people and army to resolutely answer dialogue with dialogue and strength with strength."

"If the United States persistently resorts to military threats, we will have no other choice but to rescind the step of temporary freezing of our nuclear activities we have taken for the talks and resume our normal peaceful nuclear activities."

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mattresses. The next day they removed the straw to dry and then made their beds once again that night.

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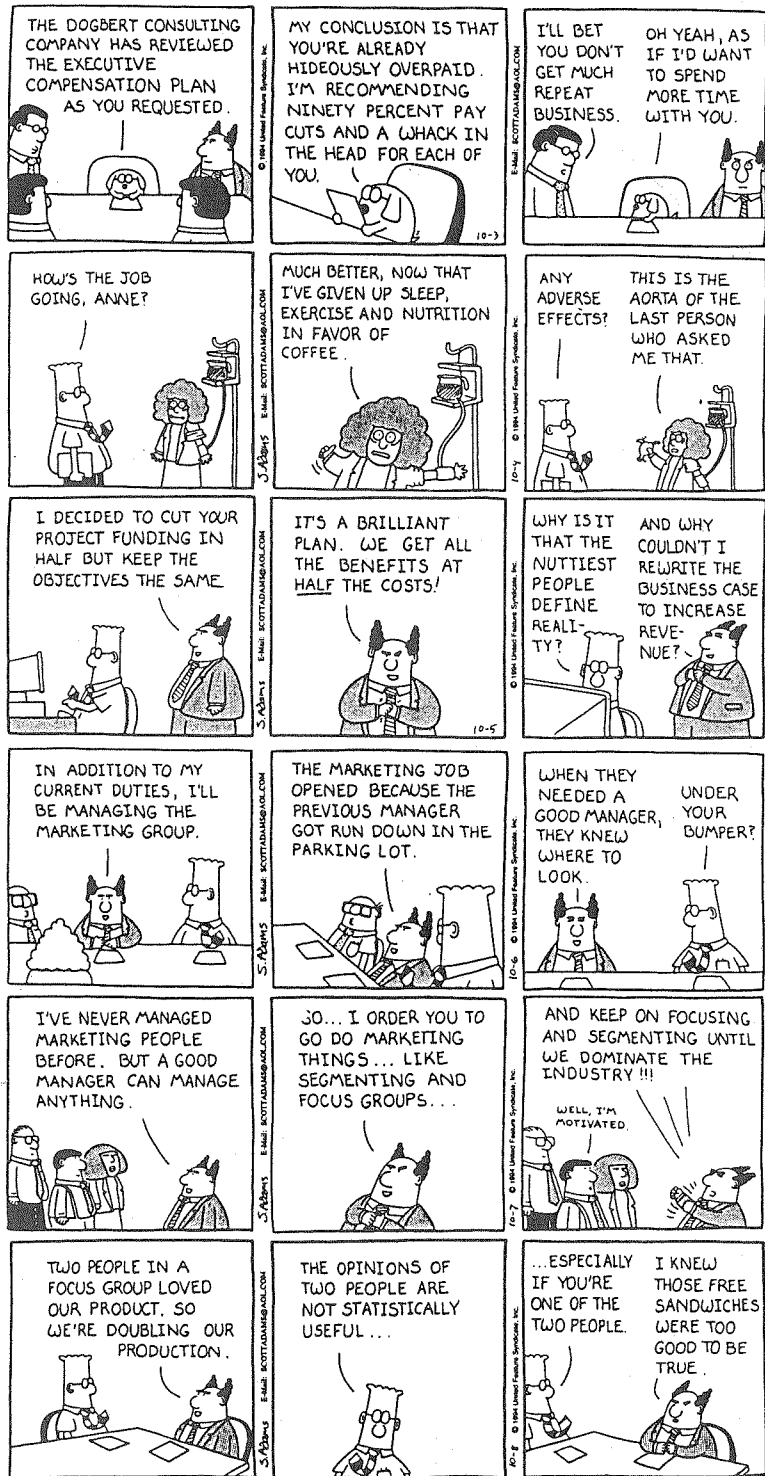
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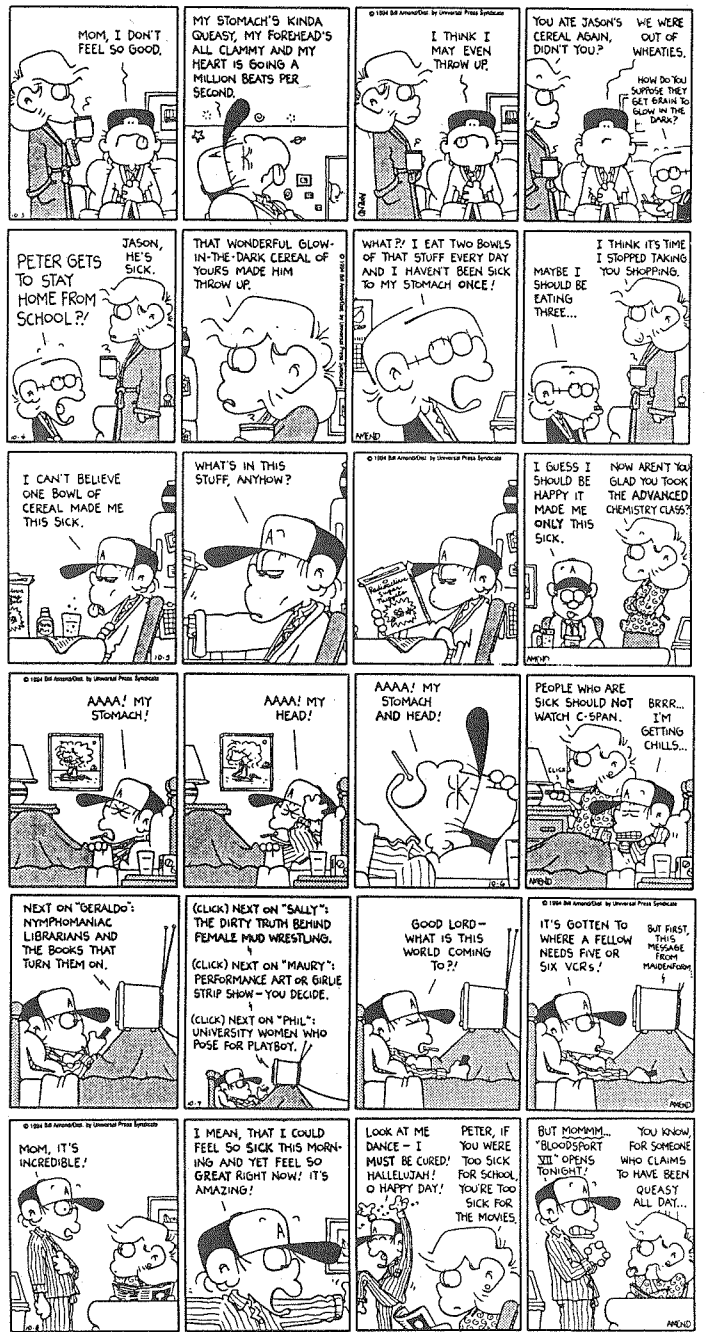


DILBERT by Scott Adams



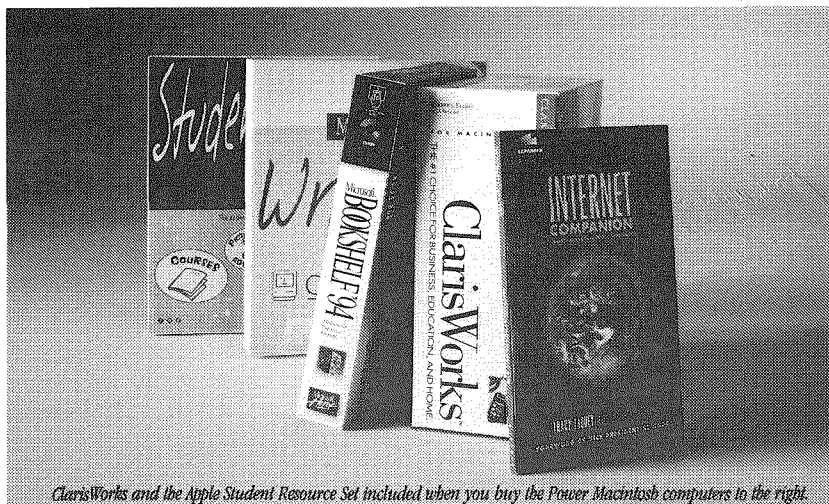
by Bill Amend

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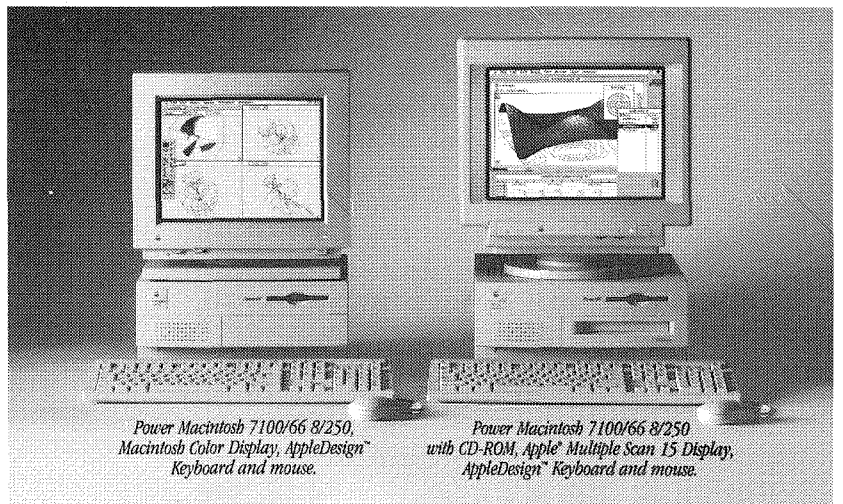


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## Fancy Prostate: A Social Commentary

by J. Random HercFrosh III and Lauren

### TODAY'S TARGET:

#### France, home of the French Fry: A Debate

**Lauren:** France is a nice place...a nice place to visit, and I would even like to live there.

**JRH3:** France sucks. I have never been there. But, I am well aware that they lost both world wars and we had to bail them out.

**Lauren:** About the wars, I can not disagree. Warriors the French are not.

**JRH3:** I can respect people even if they are not warriors. What really bothers me is that the French are really *<expletive deleted>* annoying even though we saved them twice.

**Lauren:** Again, I have to agree. They are elitist bastards, but there are many things in their favor. They are, undeniably, the best chefs in the world. Quite frankly, few things can compare to eating a freshly made crepe on the corner of some obscure street in the heart of Paris...it is simply divine!

**JRH3:** I will admit there is a lot to like about French cuisine. Their dishes are loaded with fat and cholesterol, which scores points in my book for annoying the health-nazis. But until you show me a French chef cooking barbecued ribs so that the meat literally drips off the bones, I refuse to dub them 'the greatest chefs in the world.' I believe they are not only unable to barbecue ribs, but unwilling, and that makes them unworthy to be called gourmets in any sense of the word.

**Lauren:** Well...If dripping meat is your idea of "gourmet" than I dare say you haven't eaten well. Perhaps you have lost your sense of taste, a casualty of eating campus food for too long. Or maybe, you just never had taste. Maybe, dripping meat appeals to your sense of culinary sophistication. If this is the case, I suggest you play a bit more "Doom" — Lord knows there's enough dripping, bloody meat in there!

**JRH3:** I may have no "culinary sophistication," but I know what tastes good. I don't care if my food is artfully arranged, because it all ends up in the sewer anyway.

**Lauren:** Barbarian.

**JRH3:** Lauren, you ignorant slut! If you want good looking food, call them artists instead of chefs. I'd be highly amused going to an art show to "ooh" and "aah" over the beautiful crepes of some master artist. Of

course, I'd be just as impressed by beautiful paintings or sculptures of food; i.e., not at all.

**Lauren:** As it is unproductive, I will not enter into a name calling contest with you...

**JRH3:** You started it!

**Lauren:** Anyway, masterfully prepared food is art. A form that appeals to more of your senses than just sight, or sound...It appeals to taste, to sight, and to smell. One who can successfully accomplish this feat is truly skilled...The French are that and more.

**JRH3:** I readily admit French chefs are great artists (those who make art) but not great chefs (those who make food). But I have more reasons to hate the French. The biggest of which is personal hygiene. Since I see no possible way to defend them on this point, I will allow my esteemed colleague to make some positive comment on this point. If she can, I will defend my point. If she can't, I challenge her to name one good quality of the French that she can defend.

**Lauren:** I have but one thing to say: hairy armpits, euuggghhh! But, their language. It is truly exquisite.

**JRH3:** French is based on writing down several letters and then not pronouncing any of them. What results is millions of words that sound like mumbling nothing but vowels....

**Lauren:** Merely an elitist ploy to prevent ignorant rednecks like yourself from attempting communication with them.

**JRH3:** ...It isn't the worst language, but only because there exists Hebrew, an entire language based on coughing up phlegm. The only good thing I can say about the French is that they are heavy smokers. This again annoys health-nazis...

**Lauren:** But, this is a benefit; second-hand smoke smells better than your average French(man/woman).

**JRH3:** I agree with every cell in my nose.

**Lauren:** May we then also agree that the French, though occasionally irksome, sometimes annoy the right people?

**JRH3:** Sure; for this reason I give France two thumbs up! But for my money, I prefer Germany, where they encourage you to drink a lot of beer and drive as fast as you want.

*Author's Note: A 'prostate' was provided through the charity, beneficence and goodwill of J. Random SnakeSoph.*

# Women's Cross Country Snare Second

by Dan Kleiman

The Caltech women's cross-country team has come alive in recent weeks, finishing second in both the Caltech Invitational on September 24th and the Biola Invitational held last Saturday. The women raced over five kilometers in both events and are showing signs of better things to come.

Due to late arrivals and medical problems, the women had not fielded a full team in the two meets before the home invitational. In that meet, sophomore Cailin Henderson and freshman Sara Beaber dueled their way to first and second in the college division, handily putting away the rest of the competition. However, a strong pack from the University of La Verne managed to nip Caltech in the team scores, partly because of the unusual scoring system of this meet, which was tallied as a series of dual meets instead of using the traditional invitational scoring.

Heading into the larger meet at Biola, the team had reason to be looking up. Sara Beaber was steadily drawing closer to the front of the pack, Cailin Henderson was continuing her domination of SCIAC opposition, and the team was now competing with the addition of junior Ali Boehm and senior Tobe Corazzini. The team's young guns distinguished themselves among a field consisting of one hundred or so students, not only by their neon orange uniforms, but also thanks to an eleventh place finish by Beaber and a victory by Henderson. The rest of the pack fared equally well, with Ginger Garcia joining the two newcomers to round out Caltech's top five. Caltech's fifth, and final scoring, runner crossed the line in 29th place to help the Beavers score 77 points, good for second place. Caltech finished well ahead of the La Verne team that had beaten them only one week before.

The second place finish was the highest finish ever by a Caltech team in the Biola meet, and the team had reason to celebrate, although only Henderson chose to do so by locking her keys in the car. Not everyone was satisfied with the team's overall effort, however. Grumbled co-captain Ginger Garcia, "We would have won the meet if Heidi hadn't put her shorts on backwards." Heidi and the rest of the team look to build on their last effort at the Southern Cali.

## Men's Cross Country Losing Ground

by Tom Dmukauskas

On Saturday, October 1st, a strip-down version of the Caltech men's cross country team headed to Biola for their 20-team invitational. On the way there, they passed a car on the shoulder of the 5, completely engulfed in flames. Indeed this would be, most unfortunately, an omen for the events to come.

The first bad news of the day came when Dan Kleiman opted to sit out to rest his strained quadriceps which had been plaguing him for weeks, a wise decision, but it nonetheless hurt the team's performance. The low-lights continued when Mike Davies was forced to drop out of the race at 4 miles as he could no longer endure his hip difficulties. Thus, the #1 man for the Beavers on this day turned out to be Schuyler Cullen, who admittedly had a subpar day himself, running the 5 mile course in 29:39 for a 95th place finish among the 161 competitors. Cullen has also recently experienced some hip trouble. Tom Meyer, Ron Steiger and Francisco Gutierrez finished in their now usual pack, only 3 seconds separating the three of them. Brad Nakatani screamed through the course in 30:47 despite having gotten only 10 hours of sleep in the past week. An ill Tom Dmukauskas and Chris Cary worked together in the last mile to pick off several less voracious runners. They rounded out the top seven for Tech this weekend. The imbecile of the week award goes to Mark Nelson, who went off course about 1/2 mile from the finish. Thanks to yells from his teammates, he was rescued from further embarrassment and bettered his time from the previous week by 4 minutes.

In the team scoring, Caltech finished 16th, a disappointment indeed. The return of an injury-free Kleiman, Cullen and Davies will help immensely. Nakatani and Dmukauskas must surge forward to join the pack, which must itself improve by a minute or so by the time the SCIAC 8-way dual meet rolls around on the 15th. On tap for this weekend is the Southern Cal College Invitational at Back Bay, Newport Beach where the Beavers will once again grapple with their archenemies Laverne.

K.E.L.R.O.F. — 24 hours of food, folks and fun.

## Velo 16th in the Nation

by Michael Kantner

On Saturday, October 1, Caltech Velo raced in the National Collegiate Mountain Bike Championships at Lake Castaic. Fort Lewis College (Durango, Colorado) rode away with the national title, and Caltech finished a respectable 16th. Caltech's Jody White finished 14th in the nation among female racers.

Competitors came from as far away as Washington, New York, and Florida. Western schools had an advantage since they could afford to send larger teams. Cal Poly SLO had over 20 riders, while Texas A&M had only 1. Fort Lewis College had 13 riders, and had people in the top three spots in each of the four races. Caltech had two racers, Jody White and Michael Kantner. Jody finished 14th in the women's race, and Michael was 19th in the men's B race.

The women's race was quiet for Jody. The stronger women quickly rode away on the initial steep climb and the weaker ones fell behind. The raced developed into an off road time trial, with Jody in the middle of the field. At the end of her 2 lap, 9 mile race, she was 2 minutes behind the person in 13th place, and over 5 minutes ahead of 15th place.

The men's B race was similar, though Michael's finish was very different. The strongest riders immediately strung out the field on the climb, and dropped many of the weaker riders. By the beginning of the second lap, Michael was in roughly 15th place. However, midway through the lap, he suffered a mechanical problem which prevented him from descending rapidly. On the third and final lap, he lost several places as people passed him on the downhill. During the final long climb, he caught two other racers. After a very steep section, Michael and two other races were essentially tied for 19th place. With less than 1000 yards and two short, steep climbs left in the race, a sprint finish (for 19th place) seemed likely.

Michael came to the front of the group of three during the second to last short climb and led the final downhill. He continued leading up the final climb with one rider very close behind and the other fading fast. By the top of the final hill, Michael had a opened a five yard gap. He continued widening the gap until the finish line, which he crossed three seconds ahead of his closest competitor. The third person in the group finished another 18 seconds later. While the sprint was only for 19th place, it was a surprising finish for a race which usually sees finishers minutes apart.

Caltech Velo's next off road race will be October 22 in Riverside. For more information on collegiate cycling, contact Michael Kantner at x4882 or [cycling@cco](mailto:cycling@cco). One day racing licenses are available, and there are races for all skill levels.

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# Yolanda King Speech Proves Guide to Student Life at Caltech II:

## to be a Marginal Success "Welcome to <fine house>, frosh"

by Zackary Dov Berger

On Wednesday in Ramo Auditorium, Yolanda King preached the gospel of multiculturalism to a packed and warmly appreciative house. The talk, as well as Ms. King's other activities on campus, was part of Celebrate Diversity Week, a series of programs sponsored by the Multicultural Task Force; Race, Politics, and Religion; and the Caltech Y.

Ms. King, the daughter of the Rev. Martin Luther King, Jr., spoke resoundingly, with the iterative cadence of a Southern black preacher. She built a quick rapport with the audience, moving many to spontaneous applause and some to tears. Fists were pumped frequently. The atmosphere produced was nearly spiritual, and criticism of Ms. King's remarks was not on the agenda.

But Ms. King is more than her father's daughter, and one may reasonably expect from a speech at Caltech more than multicultural platitudes. Unfortunately, while her preaching was forceful, its intellectual content was minimal. Too often her driving phrases and

powerful proselytizing led only to disappointing commonplaces, for example: America is a salad bowl and not a melting pot; Martin Luther King, Jr., made great contributions to the civil rights movement; Columbus did not discover America after all; crime, moral dissolution, and poor education are major problems facing the country. Each of these statements is true — and it is true that preaching is the delivery of truth, not the forging of new theories. But preaching is of no use if it is done to the converted. In that case its truths are self-congratulatory and purposeless.

In that case, too, empty truths and lack of thought can lead to sweet-sounding falsehood. Near the end of her speech, Ms. King tried to don the mantle of her father. "Today we have multiculturalism," she said. "In 1967 my father called it integration." This seems an astounding denial of the history of the civil rights movement. Very infrequently in his day-to-day campaigns did Dr. King speak to the preservation of ethnic identity; and yet his daughter identifies his mission with hers so as to invoke his name. Additionally, Ms. King im-

plied that a conspiracy lay behind her father's assassination ("we know where the bullet came from," she hinted darkly). She did so not for historical purposes, but rather to insinuate that his opponents are now hers, and that her father was a champion of multiculturalism.

Such anti-historical evasiveness, an attempt to map multiculturalism onto civil rights, marked Ms. King's speech. She at one point accused those favoring a color-blind society of harboring subtle racism. Did she mean to tar her father with the same brush? Surely he was the one who emphasized character over color?

Welcome indeed would be a rigorous defense (and, for that matter, a useful definition) of multiculturalism, one which would attempt to link its history with that of civil rights in general. Ms. King did not give that speech. She is also a playwright and actress; but she did not give an artistic speech. Rather, she argued from inspiration — a rationale open only to believers — and therefore gave a pep rally for the football team, a sermon for the altar boys. If multiculturalism is to make a contribution to our problems, its disciples must not present the philosophy itself as a panacea but rather outline concrete solutions obtainable through diversity, and prepare for a debate. Such a discussion is what the Caltech community really deserves.

## Yolanda King Meets with Frosh Humanities Class

by Stephen Van Hooser

On Thursday, members of Wendy Wall's American Society and Politics class got a rare opportunity to visit with Yolanda King, daughter of the late Dr. Martin Luther King, Jr.

Speaking less formally than in her speech on Wednesday, Ms. King was able to give the students a look at Martin Luther King the person rather than Martin Luther King the world civil rights leader. Describing the compassion and playfulness with which he raised his children, Ms. King remembered a humorous tale of Dr. King playing ball with his children indoors, much to the disapproval of Mrs. Coretta Scott King. She also expressed appreciation to her parents for

keeping her sheltered from most of the dangerous yet important political events of the day.

The meeting with Ms. King closed with a discussion of obstacles facing young people today. She suggested that people today need to be comfortable working with people of different cultures and to know themselves well.

The students benefited greatly from the meeting with this historical figure. Freshman Jonathan Little summed up the experience best: "I was very impressed with what she had to say. We were able to learn about aspects of the civil right movement not found in most textbooks."



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## "Welcome to <fine house>, frosh"

by Sue Doe Nimh

Hi frosh.

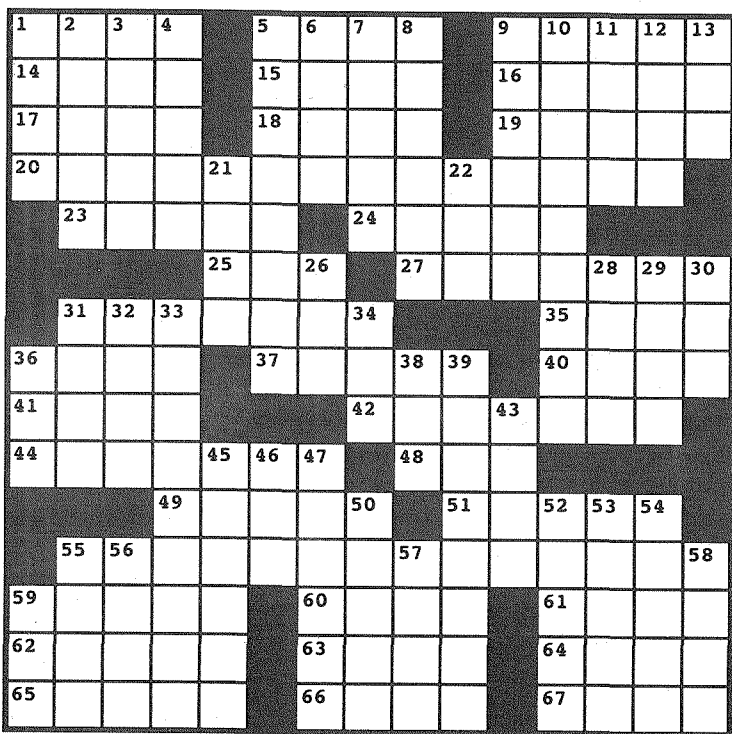
By now all of you have had a chance to spend a week in your new house and see what it's like *after* rotation. Some of you, undoubtedly, won't like the house you were picked into. To the unhappy froshes out there:

- 1) Give the house you're in a try. While the stereotypes about the houses have some validity, you may be surprised at the people you'll find in various houses. Unless you're even more of a mental case than 99% of the people here, you'll find people you don't mind hanging out with in all seven houses.
- 2) If you have a serious problem with people who live around you (threats, harassment, etc.) go to appropriate house officers, UCC's, resident associates (RAs), or administrative officials. The Dean's or DRL's offices can be helpful, but often trouble can be resolved by the house Prez, Veep, or RAs. The Ombudsman Office (see your *little it*) can also help. The BOC currently is a judicial and disciplinary body, and some "personal relationship" cases may not have to be taken there. Remember, house officers can sometimes help prevent minor conflicts from developing into major honor code issues. Also, if you don't know how far to pursue an issue, or something is interfering with your studies, the people at the counseling center can help you sort out your feelings on the issue.
- 3) Freshmen make up at least 1/4 of the house, depending on graduation and flaming (expulsion due to low grades) rates. By the time you're a senior, there will be very few of the people who picked you into the house left. In other words, houses change. Then again, so do people.
- 4) Remember that after some amount of time (I think it's a term), you can move into a different house. If you like another house, hang out there, get yourself liked, and apply for membership. You can do this even if you aren't moving out: while house identity can be a good thing, house isolationism isn't.
- 5) And finally, if none of this works for you: Suck it up, frosh!

*Editor's Note: We apologize for misspelling Ms. Nimh's name in the previous two submissions. We hope this has caused no confusion on the part of our dear readership.*

# Crossword

edited by Wei-Hwa Huang



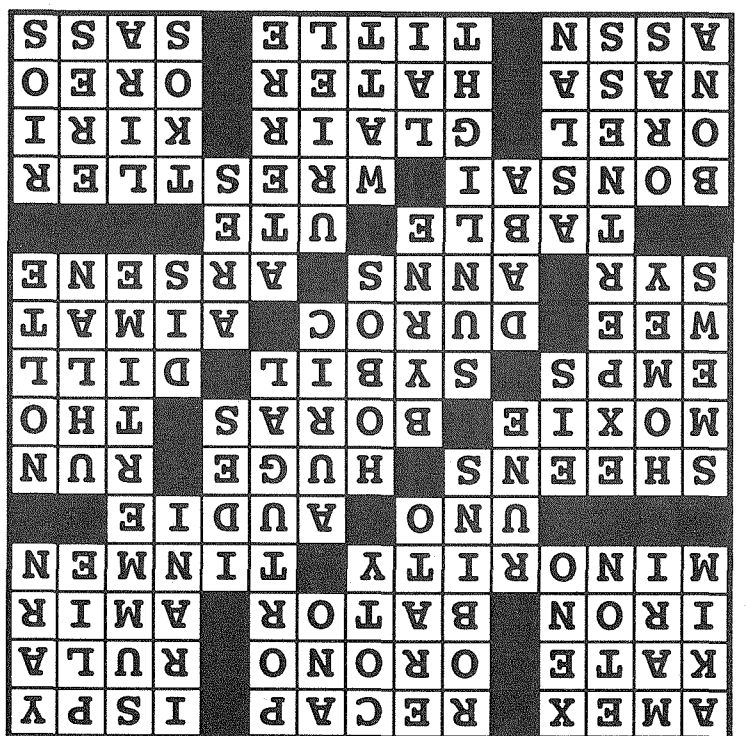
**ACROSS**

1. Electron emission type
5. "Listen!"
9. Actress Adeline
14. Prefix for gate
15. Suffix for hex or par
16. Jai alai "racket"
17. In case
18. Not "ores"?
19. Downfall or downcast
20. Reservations
23. Neither one nor three can
24. What Tom Grundy does
25. Record company gone to the dogs
27. "Look before you leap" and "He who hesitates is lost," for instance
31. Wei-Hwa's wallet
35. טטר
36. Yes in German and Russian
37. We don't get it
40. Major ending
41. One of the Pakistani languages
42. Homework sets turned in three times?
44. Brushed past
48. Our Rochester rival
49. Boldly went
51. City Slickers actor Kirby
55. Special task force

**DOWN**

1. Lugosi of films
2. Vote for
3. \_\_\_nini, Italian singer
4. Chekov's first name
5. Dabney courtyard specialty
6. What the currency counter takes
7. Poem or music type
8. Dough doing
9. Sharpness
10. Increased one's balance
11. Org.
12. Mineral forms
13. Something you smell (see 9-across)
21. Lee Revis' type, for short
22. \_\_\_ Juana: old name of border city
26. Hurt
28. Dulles joined it
29. If you had 49-across, you had this
30. 5.105 rad
31. James \_\_\_ Jones: voice of Darth
32. The Koran of Iceland
33. Embezzled the sheets?
34. Ant. of 38-down
36. Forsythe's nickname, in the comics
38. Ant. of 34-down
39. These gave Kirk trouble
43. Raison d'\_\_\_
45. Some zookeepers
46. What Groo did
47. \_\_\_ big s—
50. John of power tools
52. Untruly rural
53. Her eyes were watching God
54. Animal rock-banger
55. Drink lots of beer
56. Hautaur
57. Cool
58. Sow
59. "\_\_\_, tain't nuttin'"

## Last Week's Answer



**HEY YOU CLUBS!!!!**  
**Budget Forms will be available Oct. 10th in the SAC Mail Room. The annual ASCIT budget meeting will be held on Oct. 23rd to discuss and allocate funding of clubs for 1st and 2nd term. Please complete the required form and return to MSC #811 by Oct. 19th.**

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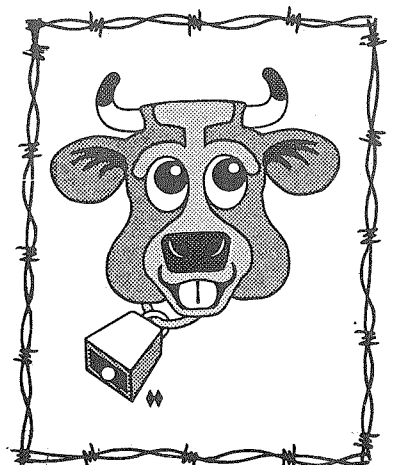
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# Post wins National Writing Competition

by Wei-Hwa Huang

Caltech class of '73 alumnus Jonathan Vos Post (Ma/En), also a ex-staff member of this paper, has recently won Honorable Mention in the 1994 International Imitation Raymond Chandler Writing Competition. His 500-word short story, "Raymond Chandler's Hamlet," was judged to be among the top nine among a total of 152 entries. The contest was financed by the Friends of the La Jolla Library in La Jolla, California. People who wish to see this great work may drop by the office and petition the editors for a showing.

Today, Friday, October 7, 1994, there will be an important meeting for all ombudspople of freshman core courses. The meeting will be at 4 P.M. in Winnett Lounge. It is expected that the ombudspople from Ch 1a, Ma 1 and Ph 1a attend as well as any incoming students acting as ombudspople for other classes. Anyone else interested in this issue is also invited. This program is new this year. It was initiated with the hope of opening more lines of undergraduate-faculty interaction and providing a support system for the ombudspople so they could more effectively advocate undergraduate views. These goals can only become a reality with the support of the undergraduate community. If you are interested, please attend. If you know someone who is interested, please encourage them to attend.

## ASCIT NEWS

David R. Derkits

7 October 1994

### ✓ MEETINGS

- The next meeting of the Board of Directors will be held at 8:00 PM on Monday 10 October in SAC 64, the ASCIT Office. Meetings are open to the Caltech community. Funding requests and new business are handled at the beginning of the meeting.

### ✓ ELECTION

- See the related article in the *Tech* for an update on the ASCIT Presidential Election, and the campaign statements.

- One Bylaws Amendment is up for vote in the election. It resulted from a petition circulated at the end of third term; the Board of Directors does not endorse this Amendment.

- Election Day is this Monday, 10 October.

### ✓ CLUB FUNDING

- The Board of Directors will hold a budget meeting on Sunday 23 October for the purpose of funding clubs for first and second terms. Funding application forms are now available. See the related announcement in the *Tech* for additional information.

### ✓ PUBLICATIONS

- The *little t* (the undergraduate handbook) is being distributed. See the announcement from the *little t* editors in the *Tech*.

- The *CLUE* (Review of Courses) is also being distributed at this time. Students are encour-

aged to use the on-line (WWW) version, which should be activated within the next week and accessible from the ASCIT WWW Page. Undergraduates who need a hard copy can still pick one up at the Deans' Office.

- The *Big T* (yearbook) should be available for upperclassmen in the coming week. Distribution will be through the House secretaries.

- If you are not an undergraduate and are interested in obtaining one of the publications, please contact the appropriate Editor.

### ✓ MISC ANNOUNCEMENTS

- Flora Ho is looking for co-editors for the 1994-1995 *CLUE*. Interested undergraduates may send e-mail to floho@cco.

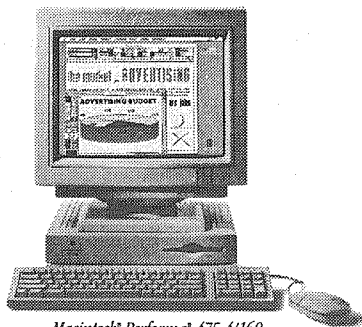
- ASCIT Donuts begin next Friday, 14 October. As usual, the donuts appear outside Lloyd on the olive walk at 8:00 AM.

- Inn Yuk and Tiffany Lee have been appointed as the *Big T* Business Managers by the Board of Directors.

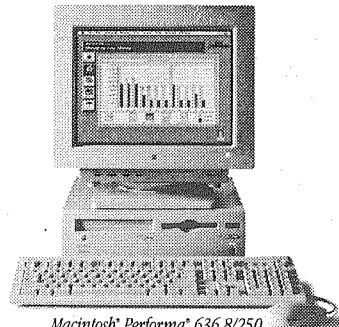
- WWW: <http://www.cco.caltech.edu/~ascit/>

- Copies of ASCIT Board Minutes are available by mail or e-mail free of charge on request to students, faculty, and administrators. Requests should be sent to Secretary, ASCIT 64-58 or dderkits@cco. The Minutes are also available on caltech.ascit.announce and in House lounges.

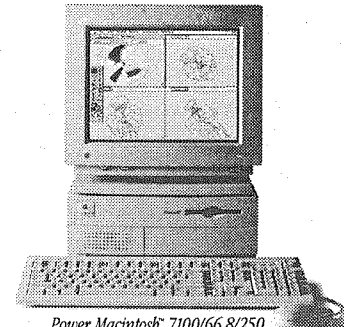
# For once, a cut in educational spending that actually helps students.



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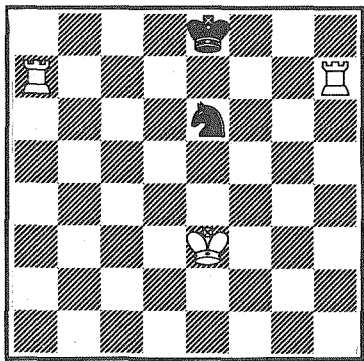
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# Chess

# Games & Puzzles

edited by Wei-Hwa Huang



**White to play and mate  
Black in two moves**

Not a difficult problem here, and no tricks, either.

## Answers

1 B-B8!! (with a threat of 2 Q-R1mate), BxR; 2 BxQmate!! This 1889 problem was by the great Sam Loyd, and those of you who remem-

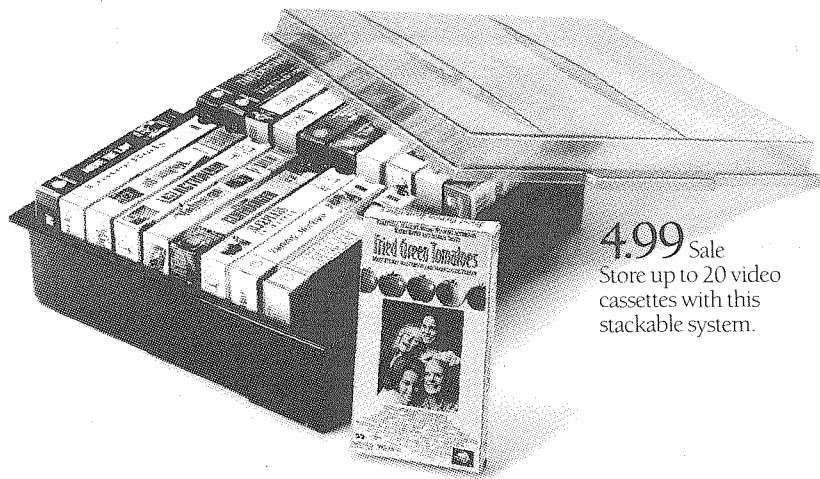
The weekly \$10 prize has been discontinued due to the lack of interest. I got one submission, and that was only after I told him we had had no submissions. Anyway, Shay Chinn gets the \$10 for reading the *Tech* and identifying title correctly. Congratulations!

- |   |  |
|---|--|
| 1. D.H. Lawrence, <i>Lady Chatterly's Lover</i> , 1928        | 7. Pearl S. Buck, <i>The Good Earth</i> , 1931                     |
| 2. Jane Austen, <i>Pride and Prejudice</i> , 1813             | 8. Ray Bradbury, <i>Fahrenheit 451</i> , 1953                      |
| 3. E.B. White, <i>Charlotte's Web</i> , 1952                  | 9. A.A. Milne, <i>Winnie-the-Pooh</i> , 1926                       |
| 4. Samuel Beckett, <i>Malone Dies</i> (English version), 1958 | 10. W. Somerset Maugham, <i>The Razor's Edge</i> , 1944            |
| 5. Paul Bowles, <i>The Sheltering Sky</i> , 1949              | 11. (Gotcha!) Peter De Vries, <i>The Vale of Laughter</i> , 1953   |
| 6. Joseph Heller, <i>Catch-22</i> , 1961                      | 12. John Steinbeck, <i>The Grapes of Wrath</i> , 1937              |
|   | 13. George Orwell, <i>1984</i> , 1949                              |
|   | 14. B. Traven, <i>The Treasure of the Sierra Madre</i> , 1927      |
|   | 15. Zora Neale Hurston, <i>Their Eyes Were Watching God</i> , 1937 |
|   | 16. Edgar Rice Burroughs, <i>Tarzan of the Apes</i> , 1912         |
|   | 17. J.R.R. Tolkien, <i>The Hobbit</i> , 1937                       |
|   | 18. Alice Walker, <i>The Color Purple</i> , 1982                   |
|   | 19. Erich Segal, <i>Love Story</i> , 1970                          |
|   | 20. Anthony Burgess, <i>A Clockwork Orange</i> , 1962              |

ber it may see a similarity to Hassberg's problem which I gave last year. This method of leaving a piece *en prise* in order to capture a piece for the real mate is called the "American Indian" theme. Note that in those days chess problems tended to have quite a few extra pieces on the board that did nothing.

United States was the Vitascope Hall in New Orleans. It screened its first film in the summer of 1896.

## Store everything from Fried Green Tomatoes

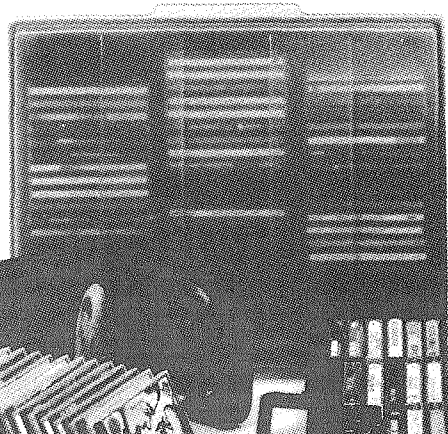


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Advertised sale prices good through Monday, October 31, 1994.

# ADAM VILLANI: MEDIA GUY



by Adam Villani

**Nine Inch Nails**

**Live at the Universal Amphitheatre, Oct. 4, 1994**

Trent Reznor, the leader of Nine Inch Nails, has the "tortured spirit of anguish" persona down pat. It makes for a fantastic, energetic show and was good for a few laughs when he really started going overboard (thrashing about wildly, destroying his instruments, and practically knocking his bandmates off the stage), but I'm sure the part Trent likes most is the fact that all the rock media actually takes him seriously. Imagine my amusement when reading the review of the concert in the next day's *L.A. Times*, running with the audacious headline, "Reznor's Thrilling Battlefield of the Mind," and containing such gems as "he is the most exciting blend of musicality, vision, and theatrical instincts to hit the pop scene since Prince more than a decade ago," and "even the strongest among us cry out for something or someone to believe in." Sheesh.

Not to say it wasn't a good show. It was in fact a very good concert, and Reznor must be admired for his ability to set an audience on fire. But methinks Robert Hilburn, *Times* Pop Music Critic, was perhaps overstating things. One thing I liked best about NIN in concert, was that the invigorating music tended to drown out the whiny lyrics, allowing me to just groove on the pulsing, violent rhythms.

The Jim Rose Circus, one opening act, was of special note. These are the same guys who were at Lollapalooza '92 (which I didn't see) with the amazing Mr. Lifo, who lifts up blocks of concrete with hooks through his nipples. Other weirdos along with the Jim Rose Circus include a sword swallower who also held his face in a shower of sparks until the cigarette in his mouth became lit and an Armenian rubber man who fit his entire body through the head of a tennis racket (definitely not Gary). Everybody should see this bunch at least once.

### The Conformist (Il Conformista)

Recently the Nuart Theatre in West L.A. (check your Little T) showed a restored version of *The Conformist*, Bernardo Bertolucci's acclaimed international hit from 1971. The restoration of this stylish and complex film was supervised by the cinematographer, Vittorio Storaro, who has worked closely with director Bertolucci on films such as *Last Tango in Paris*, *The Last Emperor*, and *Little Buddha*, and is utterly fascinating. The non-linear storyline follows Marcello (Jean-Louis Trintignant), a man in 1930's fascist Italy who is a fascist more out of convenience than any sense of conviction. As a member of the secret police, he travels to Paris to eliminate an anti-fascist professor from his college days. Marcello is never truly alive in this film — he betrays his friends, his wife, and even himself simply because it is easier than taking a stand and going against the flow. More than just a finely crafted tale, the cinematography, editing, and production design carefully pull the viewer into both the setting and the main character's mind. This isn't playing any more, but anyone interested in cinema should watch this movie sometime.

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Piano lesson. The tune "Chopsticks" was written in 1877 by a 16-year-old girl, Euphemia Allen. Oddly enough, she used the pen name Arthur de Lullii... The first movie theater to open in the



## Part Time Job Openings Available at the Housing Department

from Caltech Housing

Housing has several part-time jobs openings available right now for interested students. If you are interested in being the Assistant to the Maintenance Coordinator, the Assistant to the Graduate Coordinator, or one of two open Office Assistant positions, contact Tom Mannion or Biff Yamazaki at the Housing Office, 1-56, x6174, or send e-mail to [Housing@caltech.edu](mailto:Housing@caltech.edu). Detailed descriptions of the positions are given below:

Pay: \$8.00 - \$8.50

Hours: 10 - 15 hours/week

Requirements: Currently registered student on work study.

Skill Requirements: basic typing (computer keyboard), telephone answering skills required.

Database software and word-processing software experience on PC/Windows systems preferred.

### Basic Job Description:

1. Answer telephones — screen telephone calls, notate messages
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3. Photocopy various documents
4. File inventory forms, project requests, other maintenance documents
5. Perform utility bill totals on tape calculators
6. Special inspections and commodity inventory projects
7. Perform special tasks

The job is available for the academic year, 1994-95. Applications are being accepted immediately for hiring before October 21, 1994.

The 3<sup>3</sup>+1+3<sup>3</sup>th Annual William Lowell Putnam Mathematical Competition will be held on Saturday, December [π]. The competition is open only to regularly enrolled undergraduates, in colleges and universities of the United States and Canada, who have not yet received a college degree.

No individual may participate in the competition more than 2<sup>2e<sup>π</sup></sup> times. Sign up in Sloan by October 4•4!/(4+4). A "warm-up" session will be given one week before the test. Donuts should be offered the day of the test.

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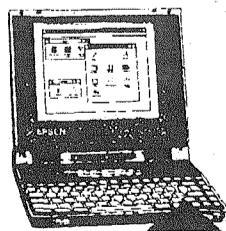
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RATES. . . . . \$4.00 for first 30 words; . . . . . 10¢ for each additional word. Send written ad with payment to 40-58. Deadline is 6 p.m., Monday before issue. No charge for on-campus lost & found.

Notices

✕Mazel—Pet Mazel this week. He's a nice cat!

**Flu Shots**—The Health Center has arranged to offer flu shots to students. People in this age group are not generally thought to be at risk unless chronically ill, but because of the high stress and close living conditions at Caltech these are risk factors to be considered. Dr. Miller also wishes to remind students that flu shots are a *preventive* measure and need to be given *6 to 8 weeks* prior to the time of a predicted outbreak in order to be effective. The flu shot is of no value once the symptoms have developed. The best time to be vaccinated is between Oct. 3 and Nov. 15. Shots given during this slot should provide maximum protection throughout the entire flu season. Cost for this service is \$5, which may be charged to the student account. Flu shots will be available to students only.

✕Give Blood—Two-day blood drive in the Winnett Student Lounge, Monday, November 21 from 9:15 - 2:30 and Tuesday, November 22 from 12:15 - 5:30. Please contact Veronica Kirton at x6374 for an appointment, although walk-ins are welcome.

✕The 55th Annual William Lowell Putnam Mathematical Competition will be held on Saturday, December 3. The competition is open only to regularly enrolled undergraduates, in colleges and universities of the United States and Canada, who have not yet received a college degree. No individual may participate in the competition more than 4 times. Sign up in Sloan by October 12. A "warm-up" session will be given one week before the test.

The Pasadena Foothill-Valley YWCA Rape Crisis Center offers self defense classes for women, survivor support groups and short-term therapy. Call 793-5171 for information.

Dances and music of many nations is the *what*. Every Friday evening from 7:45 p.m. to 11 p.m. is the *when*. Throop Unitarian Church at 300 Los Robles at Del Mar is the *where*. You and all your friends that are interested in an atmosphere of friendship, relaxation and yet a challenge to your mind and feet is the *who* and *why* offered by the Pasadena Folkdance Co-op. The Co-op, a fifty year old club that has offered folks the opportunity to enjoy International Folkdancing, will continue that tradition throughout the month of October. To protect the wooden dance floor all are asked to use soft soled shoes. A \$1.50 contribution is requested from all participants. October 28-30 many Co-op members will participate in Folkdance Camp Hess Kramer. For more info on this camp call 310-478-6600.

Events and Notices

From the Counseling Center

✕A self esteem group will be offered to undergraduate students beginning October 13, 1994. Participants will explore personal attitudes and beliefs which directly affect one's feelings about oneself, and learn skills to increase self confidence and self esteem. The group size will be limited to 6-8 members. Those interested should call Virginia at 818-395-8331 to arrange a meeting with the group co-leaders prior to the group's first session to discuss the student's and the group's expectations and goals.

✕Attention Women Graduate Students—A new women's group is forming designed to help women examine a range of issues relevant to their lives and experiences. We will explore the barriers for women in achieving success, balancing career and personal goals, and challenges in professional or personal relationships. These and other concerns raised by group members will be discussed in a confidential group setting over the academic year. Each group member needs to meet with the group leaders for a pre-group interview. If you would like more information or to schedule a pre-group interview, please contact the Counseling Center at 818-395-8331. The group will meet weekly on Tuesdays at the Counseling Center beginning late October.

✕The Gay, Lesbian and Bisexual Support Group meets the first and third Tuesdays of each month at 7:30 p.m. in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation — including coming out, being out, self-discovery, coping with families.... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call 395-8331.

Coming Events

Please mark your calendars for October 15, 1994 and join the women and friends of the Pasadena Rape Crisis Center to **Take Back the Night!!** This march is for and about women. Women will join together on the streets of Pasadena and Take Back the Night in a stand to end violence against women. The march starts at 6:00 p.m. The Crisis Center also offers monthly self defense classes, survivor support groups, and short-term therapy. For more information, please call 818-793-5171.

✕The Child Educational Center presents the 1994 JPL Arts & Crafts Fair. There will be over 80 booths of hand-crafted goods, entertainment, food, and children's activities. THE JPL Space Museum will also be open during the Fair hours. Parking and admission are free. The fair will be open on Friday, October 14 from 3 p.m. to dusk and Saturday and Sunday the 15th and 16th from 9 a.m. to 5 p.m.. For more information, call 818-354-8720.

Club Announcements

✕ATTENTION: E-club barbecue date changed—Due to the recent bad weather, The Entrepreneur Club has changed the upcoming Barbecue from 10/8 to next Sunday, 10/16 at the Winnett Quad from 2 P.M. to 4 P.M. There will be plenty of free food, so don't miss out! Contact *jessica@portia* for more info.

The DarkRoom User's Group (DRUG) will be holding a free black and white developing class Saturday, October 8 in the Darkroom (Room 39 in the Student Activities Center, under the South Undergraduate Houses) at 2 p.m. Both current and prospective members are welcome to come. Contact Tim Shoppa (x4327, *shoppa@altair.krl.caltech.edu*) or Alex Zeyliger (*sasha@cco.caltech.edu*) for more information.

The Caltech Ice Hockey Club will be hosting its first game of the season, Wednesday, October 12 at 10:45 p.m. at the Pasadena Ice Skating Center. Come and watch!

✕The first movie to screen in the German Film Series for Fall 1994 is *Der Plotzliche Reichtum der Armen Leute Von Kombach* (1971). It will be shown on Wednesday, October 12 in BAXTER LECTURE HALL at 7:30 p.m. This film features English subtitles and is presented free of charge. For more information, please call 395-3610.

Free Film Program—The Pasadena Public Library shows films every Wednesday afternoon at 1:30 p.m. in the auditorium of the Central Library, 285 E. Walnut St. The program for October is: Oct. 12—*White Fang* (107m); Oct. 19—*The Zoo Gang* (96m); Oct. 26—*Baby Boom* (103m). For more information, call the Adult Services staff at (818) 405-4037.

The Caltech Y has volunteered to participate in United Way's Community Care Day. We want to provide volunteer opportunities for staff, faculty, and students. We will be providing volunteers for special projects to help United Way agencies in your community. We will let you know where we will be holding our Event Hick-

off Rally where there will be plenty of food, friends, and fun! The activities will take place on Saturday, October 8, 1994 from 8 a.m. to 4 p.m. Stop by the Caltech Y or call Athena at x6163 to sign up by Friday, September 30.

Fellowships and Scholarships

The Financial Aid Office has applications and/or information on the following and additional scholarships. All qualified students are encouraged to apply. Our office is located at 515 S. Wilson, second floor.

The Northrop Grumman Corporation is offering three \$3000 scholarships at Caltech for the 1994-95 academic year. Scholarships are available to all students (including freshman) enrolled full-time and majoring in electrical engineering, mechanical engineering, aerospace engineering, computer science/engineering, or manufacturing engineering. A GPA of at least 3.0 is required. Students must show evidence of a strong academic record and a career interest in the aerospace/defense industry. Applicants must be U.S. Citizens and may be a concurrent recipient of another company's scholarship. Resumes and academic transcripts must be received by the Financial Aid Office at 515 S. Wilson by 5:00 pm, Friday October 21, 1994.

The Organization of Chinese Americans—Greater Los Angeles Chapter (OCA-GLA) is offering scholarships of up to \$1000 to students who have become involved in the Chinese American community. Scholarships will be awarded primarily on the basis of community or leadership activities in the community and on academic achievement. To be eligible to apply, students must: be of Asian-American heritage; be a resident of Los Angeles County; be a U.S. Citizen or Permanent Resident; and be currently enrolled in a college or university. (graduate students are also eligible) Applications are available in the Financial Aid Office and must be received at OCA-GLA no later than October 31, 1994.

The Los Angeles Chapter of the Data Processing Management Association (DPMA) is offering at least one scholarship for \$1000, provided by the Bert A. Monaghan Scholarship Fund. Eligible students must be majoring in Computer

Science, must have filed a FAFSA application and have demonstrated financial need. Application forms and guidelines for additional requirements are available at the Financial Aid Office. Completed applications must be received at the Financial Aid Office at 515 S. Wilson no later than 5:00 p.m., Wednesday November 23, 1994.

The American Concrete Institute (ACI) is offering several awards. The Peter D. Courtois Concrete Construction Scholarships are two \$1000 awards for undergraduate study in concrete construction for the 1995-96 academic year. Eligible students must be enrolled at least half-time and must be seniors in 1995-96. The application, available at the Financial Aid Office, with all required supporting documents is due January 10, 1995. ACI Committee is also offering one ACI-James Instruments Student Award in the amount of \$800, for original student research on nondestructive testing of concrete. Applicants must submit a technical paper describing the research. The award is open to undergraduates or graduates, and the research work must have been completed within two years of the submission date. Completed technical papers must be received by ACI Committee no later than November 30, 1994 at the following address: c/o Dr. Allen Davis, STS Consultants Ltd., 431 South 300 East, Salt Lake City, UT 84111. ACI is also sponsoring three different competitions: the Concrete Cube Competition, the Concrete Egg Protection Device Competition, and the Concrete Projects Competition. For complete rules, call the ACI Education Department, at (313) 532-2600.

The Association of Former Intelligence Officers San Diego Chapter 1 announces the establishment and offering of the Annual Lieutenant General Eugene F. Tighe, Jr., USAF, Memorial Scholarship. The scholarship is in the amount of \$1000. It will be awarded based on the judged quality and suitability of a 1,000-1,500 word essay on the topic of: *What role should the United States Government's Intelligence Community play in supporting American business interests worldwide?* Completed applications/essays must be postmarked no later than December 15, 1994.

Glamour Magazine announces its 1995 Top Ten College Women Competition. Scholarships are in the amount of \$1000. Winners also receive national recognition in Glamour's October 1995 issue, and the opportunity to meet with top professionals in their fields. Women who are full-time juniors for the 1994-95 academic year are eligible to apply. Applications are due January 31, 1994.

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