

## ASCIT officers election Monday

by David Derkits

The ASCIT officers election will be held this Monday, February 7, 1994, from 10:00 A.M. until 10:00 P.M. The candidates are:

**ASCIT Secretary**  
David R. Derkits  
David Plurad

**Treasurer**  
Ewald Hueffmeier, Jr.  
Michael Ru

**IHC Chairman**  
Alan "Pinky" Blaine  
Chris Buchner  
Bryce H. Elliott  
Eric Slayback

**Director for Academic Affairs**  
Flora Ho

**Director for Social Activities**  
Chris Marsh  
Greg Steiert

**Upperclass Director-at-Large**  
Brian Brewington  
Penny Sherman

**Freshman Director-at-Large**  
Cailin Henderson  
Josh Moats  
Gina Serraiocco  
Elwyn (Tim) Uy

**Athletic Manager**  
Scott Driggs



Carole Snow, Caltech's Director of Admissions, recently announced plans to leave the Institute. She will be accepting a position at the Illinois Institute of Technology as Dean of Admissions and Financial Aid. Snow has found it "an honor to be associated with the students of this campus."

Kumar Raman  
Laura E. Verhoff

**BOC Secretary**  
Zackary Berger  
Michael Pawson

Statements from the candidates appear in this issue of the *Tech* [see page 3].

All undergraduates may vote for the Interhouse Committee (IHC) Chairman and BOC Secretary, but only ASCIT members may vote for the other offices. If you are an undergraduate, you are an ASCIT member unless you have specifically told ASCIT to cancel your membership. Ballot boxes will be available in the lounges of all seven Houses. For those who expect to

be absent on election day, absentee ballots are available from the Chairman of the Executive Committee, Jennifer Tritschuh (Page 232), and must be turned in by midnight prior to the election (The Election Chairman will not be accepting absentee ballots, nor counting votes, since he is a candidate for one of the offices). Questions or comments may be directed to David Derkits, the Election Chairman, at dderkits@cco, Page 130, or x1402.

*Editor's note: We did not receive a statement from Cailin Henderson. Although Leo Fontaine is not an official candidate, we chose to print his statement. This does not reflect any recognition by ASCIT or the Election Committee.*

## It's Part of Our Past: Joseph Rhodes, Jr.

by Edray Goins

*Note: This is fifth in a series of vignettes, to be published throughout the term, on the history of Caltech's under-represented students.*

Caltech has produced some very famous scientists over the years. Some may find it surprising that Caltech has produced some famous politicians as well. One in particular became a United States senator.

Joseph Rhodes, Jr. grew up in the ghettos of Pittsburgh, Pennsylvania, and was raised by Black and Filipino parents. He entered Caltech in September of 1965. Like many freshmen in his class, he wished to major in Physics. However, by his sophomore year, signs of his unique personality began to shine through when he changed his major to history.

By his junior year, in 1968, he

was elected president of ASCIT, and was very involved with the YMCA. One major project he led was a community outreach program that brought students from the local Pasadena community onto the Institute's campus. This was the continuation of an annual local community outreach program. Every year, tensions ran high between the local Negro residents and Caltech students, because race riots across the country were frequent during this period. Watts burned in 1965, and Detroit, Washington, D.C., and Oakland soon followed.

The 1968 *Big T* contained an extensive review of the events. The major program of the YMCA this year was a study in the depth of the problems of the ghetto and the city. In Phase I, prominent speakers were brought to the campus to air their views on civil rights and the problems facing their race as

Negroes. Phase II brought militant young Negro activists to campus for a week to live and interact with the students. Finally, Phase III saw Caltech students take off time for a week to spend an extended weekend in Northwest Pasadena with Negro families, spending their time with them as they worked and played.

The program was arranged to a large extent through the Westside Study Center. It was viewed with mixed feelings by its participants, but certainly produced a greater understanding of another way of life. Through this project, Rhodes established himself as controversial, but socially conscious.

"Caltech was a difficult challenge," recalled Rhodes. "As a leader of the student body, I had to worry about the welfare of the entire student body, not just Blacks, or myself. For the first year at the Institute, I was the only Black person at the Institute, period. My problems were not so much on campus as off. After all, I arrived only a few weeks after Watts exploded."

see RHODES, page 5

Susan LaPlante Edward, founder of the December 6th Victims' Foundation Against Violence, will be presenting a program commemorating the deaths of her daughter and fourteen other students murdered at the École Polytechnique. The Athenaeum, Monday, February 7, 1994, at 4 P.M. R.S.V.P. to the Women's Center, x3221.

## Committees prepare for Student-Faculty Conference

by Flora K. Ho

It's been a while since the last article on the Student-Faculty Conference, but the committees have been busy processing information and writing proposals. We hope you find these issues interesting, and encourage you to discuss them with your peers and professors. Here is a synopsis of what has happened since the last update:

### Honor System

(Stephanie Haussmann,  
Tatsuya Murase, chairs)

You've probably already heard about the committee Kim West set up, as suggested by this committee, to discuss the South Master issue. Also, a huge debate rages on over the Board of Control's nullification policies—how are students who are convicted of violations "punished" (advantage nullified), and is this suited to their offense? The lack of any data on which to base any arguments seems to call for a comprehensive survey of both the faculty and the undergraduates, as well as for an investigation of the possibility of making the Board of Control's statistics more detailed. Other issues include unclear collaboration policies and the jurisdiction of the Honor System over graduate students.

### Improving Communication

(Jill Bush, chair)

Remember the questionnaires that were handed out at registration? They were put together by this committee, which is currently tabulating the results and putting them into a useful format. The data should be useful in determining how to further academic and social interaction between students and faculty, or whether people even want to.

### Quality of Teaching

(Ben McCall, chair)

This committee is drafting two proposals. One is an improved version of the teaching quality questionnaires that are passed out at the end of each term. Currently, the distribution and format of these questionnaires varies widely among departments, and there is no way for students to know whether they are influencing a given professor. The second proposal would have a second questionnaire handed out near midterms—as the system stands, students often don't bother to write constructive comments because they feel that, with the class already over, it won't affect them. With a midterm evaluation, students would have a say in how the course is run in *their* year, not just the in the next.

## Banjo masters earn title

by Zack Berger

Great banjo players of the age ("Masters" of the instrument, as the title said) appeared Saturday in Beckman Auditorium. The concert covered a wide range of styles and geography, crossing the Atlantic to Ireland and Africa but returning to stay in North Carolina, Virginia, and neighboring states—the cradle of the five-stringed banjo and, as was proven on Saturday, of entertaining, technically impressive music. Following is just a selection of those masters, for the full appreciation of which attendance at the concert was absolutely required.

The Ethiopian Seleshe Damessae played the krar, a six-stringed lute which, according to the program, "may be the oldest

see BANJO, page 7

The  
California Tech

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# letters to the editor

## Honor System is life training

On January 6th, I was appointed chair of the Graduate Review Board (GRB). As I hope you all know, this is the group that hears cases of alleged Honor Code violations involving graduate students. In the past, the GRB has been a low-profile organization with limited contact with the community at large. I would like to change this relationship. I am deeply concerned that, for many people in our community, the Honor System is an abstraction that they do not see as relevant to their everyday life.

I feel that citizens of any community, whether it be that of Caltech students, citizens of Pasadena, or members of the scientific or engineering community, have a responsibility to take an active role in considering whether or not their actions are proper. At Caltech we have a specific definition of what is proper: any action which does not take unfair advantage of another member of the Caltech community is O.K. The only way that this

system can work, though, is for people to think about whether their actions are acceptable. Implicit in this definition is trust. Every member of the community has the right to trust that other members of the community will not take unfair advantage of them. Any actions which diminish this ability to trust are potentially harmful to the entire community.

Many people feel that the Honor Code applies only to academic issues. I disagree. If one student steals from another student, they have not just broken a law. If one person knowingly spreads false rumors about another person, they have not just behaved badly. If someone in your lab refuses to share a piece of equipment with you, they are not just being selfish. In all of these cases there is a possibility that someone has taken unfair advantage. All of these examples are events which I would like you to report to me or to the BOC chair so that the GRB/BOC may investigate them and take action, if necessary.

The Honor System is not about punishment, however. The Honor System is about trust, and about

behaving honorably. As students at Caltech, you are being trained to become responsible members of a community of scholars, or engineers, or scientists. All of these communities have standards of behavior. You will be well-trained to be a good member of any of these communities if you learn to actively avoid taking unfair advantage of anyone else. Remember, the rule is not to do what you can get away with, it is to do what is right by our definition.

Daniel Maskit  
GRB Chair  
256-80

### Correction

Due to a typing mistake, there was an error in Professor J. Morgan Kousser's letter to the editor last week. The first sentence in the fourth paragraph should correctly read, "It is also not misleading for Mr. Goins to have said that the Constitution provided important institutional support for slavery." The *Tech* apologizes for any misunderstanding the error might have caused.

the first presidential election held by Ukraine's Crimean Republic.

### United States

The Clinton Administration granted a visa on Sunday to Gerry Adams, the IRA's political leader.

Adams will be attending a conference in New York that may further possibility of peace in stricken Northern Ireland. On Tuesday Adams asked for the intervention of the United States to break the deadlock in negotiating a settlement of the conflict in Northern Ireland. Clinton said that he did not want the United States involved in what was essentially a matter between Britain and Ireland.

Clinton could announce his decision to lift a nineteen-year-old trade embargo against Vietnam by the end of this week.

Clinton nominated Deval Patrick to head the Justice Department's civil rights division.



### Switzerland

Israel and the Palestinian Liberation Organization are still at work hammering out a final agreement on Palestinian self government.

### Ukraine

Russian nationalist Yuri Meshkov got seventy percent of the votes in

### Algeria

Algier's defense minister, Lamine Zeroual, was named to a 3-year presidency by a military-backed committee on Sunday. Zeroual took office on January 31, 1994.

### Bulgaria

Bulgarian nationalists say they are ready to defend their ethnic kin in Macedonia should the conflict reach there. The government has declared neutrality in the Balkan conflict.

### Mexico

Indian rebels in southern Mexico have agreed on February 1 to attend peace talks with the Mexican government. The uprisings began a month ago.

### South Africa

A pirate radio station is spreading racist propaganda. The South African government is not sure how it should restrain the station.

The ruling National Party held

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# Ernest Explains

Dear Ernest,

Several of the joists under the floor of my den were cracked in the recent earthquake. The largest of the cracks extends about halfway through the beam, and is slightly less than  $\frac{1}{4}$ " wide. What steps should I take to secure the floor?

—Vexed in the Valley

Dear Vexed,

Wood is a very resilient material, and it will generally return to the shape in which it was originally cast with nothing more than a vigorous flexing. The easiest method of re-stressing a floor is with a good dance party—invite some of your friends over and boogie until the beams fall back into place.

Dear Ernest,

What's all this I hear about lechery in the high ranks of Caltech administration these days? Any juicy tidbits you'd care to share with us?

—Ears Perked in Parsons-Gates

Dear Perked,

The rumors you have heard are completely unfounded. There is no truth to any of the lechery accusations being spread all over the campus. Please do not become a party to this malicious tongue-wagging—stop the rumors where they are, before things get out of hand.

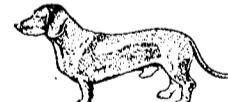
# Ynews

by Sam Webb

Once again it's midterms week—just what everyone was waiting for. After midterms you can relax and hit the slopes on the Caltech Y Ski Trip. We're going to Mountain High for night skiing on Saturday, February 19th. The lifts are open from 3 p.m. till 10 p.m., and the cost will be \$15 for tickets and about \$12 for ski rentals. If you're interested, come up to the Y and sign up. We need at least 20 people to get the discount price. If you've never gone skiing before, this is a great time to learn.

Also in the near future, the Y has tickets to see the L.A. Philharmonic on February 2 for only \$6! If you haven't had your monthly cultural experience, don't hesitate to sign up. Coming up around the corner is ever Techer's favorite holiday... Valentine's Day. If you need an idea for your sweetie, you can always order our "Valentine Day Special" balloon package. Stop by the Y for details. As always, the Y has plenty of volunteer positions open available for work study as well. Come up to the Y to see what you can do for the community. If you have any questions, feel free to contact Chris at x6194.

# The California Tech



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## ASCIT SECRETARY

### David Derkits

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

I see the Secretaryship as more than a minute-taking and distribution office. If elected, I will also work to develop new ties between the student body and the administration. The ASCIT President and Vice-President have many duties, and they can only do so much. With one more officer involved, we can move even closer to real improvement in undergraduate life at Caltech.

As Election Chairman I have worked closely with the Board of Directors, especially the current Secretary. I have attended almost every meeting over the past year, and I feel well prepared to serve as a voting member of the Board. I will bring the same dedication and efficiency I have shown in my work as Election Chairman to the office of Secretary.

My experience in student government extends beyond ASCIT. Over the past year I have served on the Page House Social Team and as Damage Rep. Membership on two student-faculty committees has given me the chance to discuss student issues directly with the faculty. As an ASCIT, House, and committee officer, I have talked with many of you about the problems we face, and how we can move to correct them.

If elected Secretary, I will work with the Board of Directors to for-

ward your interests, and through the minutes and other postings inform you of our progress. As you vote Monday, I hope you consider voting for David R. Derkits as your next ASCIT Secretary.

### David Plurad

At the surface, the position of ASCIT Secretary appears to be a job that can be handled by any member of the student body, but on the other hand, not every student is a candidate. This is so because many students would rather devote their time to other interests. Besides, the secretary does not seem to hold much power, nor does he or she get widespread recognition for the effort necessary to do a good job.

Just as any other ordinary student here, I almost always have work to do. It would not be difficult to ignore the chance to take a job in student government and continue with everyday life. That said, I am still a candidate for the position. I am willing to accept the responsibility of a thankless job, the challenge of maintaining communication between the Board of Directors and the people that elected them. As secretary, this means I must, to the best of my ability, give a concise, but also precise description of what occurs at ASCIT meetings. This may seem boring to most, but it is a simple job that must be done for our student government to operate efficiently.

I am confident that I can fulfill these duties of ASCIT secretary. Please give me the opportunity to do so. Thank you for your time.

## candidates' statements

## ASCIT TREASURER

### Leo Fontaine

Look. I don't know much about money, just like I ain't an expert on cars or women.

But hey, do you really think the other chuckleheads in this section are financial wizards or something?

I've done my share of craps shooting, and I know I deserve my due. Screw the other candidates. Write me in.

### Ewald Hueffmeier

In the election on Monday, one of the offices for which you may vote is ASCIT Treasurer. Having served as Treasurer for one year already, I ask you to let me continue serving the student body in this capacity. ASCIT Treasurer is a unique position in that many of the duties of the Treasurer are annual rather than monthly or weekly events. After completing an entire year as Treasurer, I now know a great deal about all aspects of the job. Because I already know the basics, if re-elected, I will be able to focus more time on making ASCIT run more efficiently and less on learning the routine. Every year candidates promise that ASCIT is going to become more effective at dealing with the administration if they are elected and every year, it seems, grand dreams are lost quickly as the realities of

running the student government become clear. My involvement with the ASCIT Board of Directors has led me to believe that much of the reason that this always occurs is that ASCIT officers are quickly thrown into an unfamiliar situation, and by the time they adjust, they have set a number of bad precedents and policies that they must then live with throughout the year.

With Angie Bealko as ASCIT President and other experienced members on the Board again this year, I believe that this year really could be different. I have a number of specific proposals that should help ASCIT clean up its internal financial affairs, leaving more time for members to concentrate on things of greater concern to the student body. Please keep this in mind as you vote Monday, and re-elect Ewald Hueffmeier.

### Michael Ru

Responsibility. Dedication. Desire. I believe these are the qualities most essential to any candidate running for public office. Without them, no one can perform his job in a correct and satisfactory manner. That is why I, Michael Ru, ask for your support and vote in the forthcoming ASCIT election.

First, I believe that my past experiences as treasurer in various organizations qualifies me as a responsible candidate for the ASCIT Treasurer. I was treasurer for both

my high school yearbook staff and newspaper. I have also been treasurer and secretary for various clubs as well. Moreover, I have worked in a retail store as a sales clerk. Therefore, I feel that I am capable of handling monetary transactions in a responsible manner. Plus, I have a balanced check book and a good credit rating.

Second, I am definitely dedicated to whatever job to which I am assigned or to any task I set out to do. I was voted the most dedicated yearbook staff member in high school. Even though I was the photography editor, I spent many nights with my advisor and editor putting together the publication. Personally, I can't rest until I know a job is done and is done *right!*

Third, my desire to be ASCIT Treasurer will demonstrate that I can indeed handle the job. I want to be active in the student body. I also want to make sure that the needs of Caltech students are met. If I am elected, I ensure you that ASCIT funds will be handled judiciously, wisely, and responsibly.

I know that my opponent is an incumbent to this office. However, I ask that the student body give me this chance to prove that I am indeed the right person for the job. So therefore, I ask that when you do vote on Monday, please consider the importance of these qualities and vote for Michael Ru for ASCIT Treasurer.

## IHC CHAIRMAN

### Alan "Pinky" Blaine

I am running for the office of IHC Chairman. There are three main duties that an officer in this position must fulfill. I feel that I am qualified to perform all three of these duties.

First, and most important, the IHC Chairman must preside over the meetings of the Interhouse Committee. He must arbitrate any disputes between Houses while staying neutral. He must also keep the IHC meetings in good order, so that work may be accomplished. In my work as ASCIT Athletic Manager, and as the Secretary/Treasurer of the Junior Class, I have been brought into contact with people from all the seven Houses, and have learned much about the seven, and have gained a respect for the traditions that make the Houses so different. Yet, I have also come to realize that each House is just as strong and important as all the others, each in different ways. I feel that this would allow me to act arbitrarily in the office of IHC Chairman.

Second, IHC Chairman has a vote on the ASCIT Board of Directors, and represents the students' wishes in ASCIT dealings. Although, in the position of ASCIT Athletics Manager, I did not have a vote on the BOD, I attended most of the meetings, and gained a feel for how many of the issues were dealt with. I also participated in

the discussions on such topics as the revising of election procedure and the Board of Control membership bylaws. I feel that I have gained much insight on the dealings of ASCIT through the Board of Directors, and can intelligently represent you, the students, in this capacity.

Third, the IHC Chairman is one of the main student representatives to the administration. Throughout my stay here at Tech, I have had good relationships with the administration, the Deans, the DRL, the MOSH, Housing, and others. I feel that I could help present student concerns to the administration, and help get work done on these, where before such work has stagnated, and not helped the students at all.

If elected, I will do my best to act arbitrarily as IHC Chairman. I hope

to bring a sense of calm, of purpose, of direction, to the Interhouse Committee, where it has been absent in the past. I will intelligently represent the students during Board of Directors meetings. I will do my best to forward the cause of the students with the administration. So when you vote in ASCIT elections, please vote for me, Alan "Pinky" Blaine, for IHC Chairman.

### Chris Buchner

I am running for the position of Interhouse Committee chair because I feel that this office needs to be filled responsibly. Without a strong IHC, the harmony of the House system is at stake. I will bring back strong leadership to this office. I am eager to help the House presidents accomplish what they feel is necessary—not my own personal agenda. Additionally, I feel

that the IHC should resolve issues thoughtfully and with foresight. I do not want issues to be constantly instituted and revoked.

I will be able to serve you well because I am disciplined, responsible, and, above all, fair. I am committed to giving you one full year of just leadership. I have also served on the Fleming House social team for 2 years (including one as a leader), so I know how to get things done. These are the reasons that you will be happy with my service as IHC Chair.

Thank you and remember to vote.

### Bryce H. Elliott

In my opinion, honesty is the most important quality in a candidate for office. So, I'm going to be honest with you about my reasons for running for IHC Chair. Mostly,

I'm doing this for my own personal amusement. I think it would be fun to hold an office for three weeks, and I'm also hoping that I'll get some of the same negative campaigning run against me that I did last year. Reasons you should vote for me include: 1) It may amuse you. 2) It will amuse me. 3) If you look at the list of candidates and think, "No, really, who's running?" you can elect me and let me hold office for a few weeks because I should be done by the end of the term. At that time, the BOD would appoint someone to hold the office for a couple of weeks until an election could be held. So, you'll have a few extra weeks to convince someone to run whom you would like to vote for.

*The ASCIT Candidates' statements are continued on page 4.*

## TONIGHT'S ASCIT MOVIE

# THE MISSION



Friday, February 4  
Baxter Lecture Hall  
7:30 & 10:00 P.M.

Next week's movie: **THE FIRM**

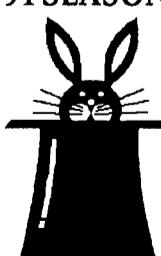
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# IHC CHAIRMAN (CONTINUED)

## Eric Slayback

The IHC has become the invisible branch of student government of late. What I hope to do in this statement, if I cannot convince you to vote for me, is to tell you a little about what I think the IHC should do, from Rotation to Disco, and sneak in a couple of potshots at the Caltech administration. After all, what would an election statement be without a good slam on Dean Kiewiet?

The IHC has a number of definite functions that do not vary from year to year. The organization of Rotation week culminating in Frosh Picks is undoubtedly the most critical of all these functions. This year, after months of debate and revision, the IHC released a new version of the Rotation Rules. These Rules are a "necessary evil," unavoidable for our week long freshman pageant. They are, in my mind, redundant with the Honor Code, but must be kept in order to insure the protection of both the seven Houses and the freshman throughout the week. Since Rotation is so short and since the best way of penalizing Houses who take unfair advantage during that week is to take away picks, some internal method for deliberating and nullifying the advantage of Houses in violation needs to be in place. In effect, the IHC must become a miniature Board of Control, deciding on cases of unfair advantage, within the context of Rotation, when Houses are deemed the perpetrators. Of course, this job is made easier by setting down a few concrete rules that the Houses must follow. These rules are consistent with the honor code up to a point, and it is up to the IHC to decide if special circumstances apply in individual cases. This subject is worthy of many pages of discussion, which I am sure you do not want to read about now. What I do want to stress, however, is that the Rotation Rules and the entire Rotation process only works when it is respected and followed by all seven Houses. That is why, no doubt, there will likely be further revisions to the rules this year and every year, because as each set of presidents changes so do the opin-

ions and trends in each of the seven Houses as does the willingness (or unwillingness) to respect what just might be an imperfect set of rules for an imperfect system.

The IHC also serves an important role in information dissemination for the undergraduate student body. While this role seems obvious, as numerous administrators often visit meetings to update the presidents or schedule events in the Houses, there is some untapped potential here for growth. Over the past years, students have endured many excruciating changes. Dean Kiewiet calls it, "the outside world closing in on Caltech." I can recall many instances when as a House president I was suddenly faced with worries about lawsuits and Institute liability. The student advocates, on the faculty and in the administration, seem to be fewer and farther in between. Everyone seems only to want to cover their own ass (to put it bluntly) and what's most upsetting is that they actually have good reason to do so. Our sue-crazy society has put pressure on administrators to protect three things: the endowment, federal funding, and their careers. Actual student concerns, I am afraid, come in a distant fourth. As someone recently pointed out to me, the administration has gone from being made up of full-time scientists and part-time administrators to being part-time (or no-time) scientists and full-time administrators. It's all about risk and no one seems to be on our side, willing to take those risks. Of course, this is a mild exaggeration. There are a number of people working hard with small budgets to make positive change, but it is on the big issues, like with Interhouse and showering, with initiations and ridiculous safety codes, where it seems we can gain no ground. We, on the other hand, are willing to take risks. We are willing to take responsibility for our actions and do not need the complications of a paper bureaucracy peering over our shoulder.

What I propose, is to take administrators out of student affairs. Think about it. What would we really miss? If we don't put them in a position to act on their liability

concerns, if they don't know about it, they cannot act on it. Of course, there are some instances when, dare I say, we can actually use "them" as a resource. Maintaining the proper balance is the trick, and I know, with my experience, I can help maintain that balance. As more than eight-hundred of the smartest people in the immediate area, we can be virtually self-sufficient. The IHC, along with ASCIT and the BOC, can once again form a nucleus for this community. I keep thinking about the idea of the "party registration form," which is "required" when a certain number of people are scheduled to assemble in a certain place. This is a most absurd and obviously unnecessary complication (especially at Tech!) that like many others can and should be avoided. We can, although it may be hard to comprehend, govern ourselves. We have to.

There are a number of smaller jobs of no little significance that round out the main functions of the IHC. For two and a half weeks, it is the IHC's task to appoint undergrads to the Student-Faculty committees. From Admissions to Secondary School Relations, it is imperative that we get motivated people who have the time or rather the ability to sacrifice some time, in one of the most important capacities Caltech has to offer. Appointing student advocates to these committees on campus is a serious and powerful job that can have far reaching effects for many years to come.

The IHC, along with the Athletic Dept., runs the Interhouse

and Disco sports competitions, mediating disputes and clarifying rules. This year, a long-overdue effort to address the Interhouse sports schedule needs to be taken. The House athletic lists, a subject of recent controversy, need to be monitored by the presidents as they are submitted each term. The Food Committee should report to the House presidents at least once a term in order to keep political pressure on the TFM family from all possible angles and to continue to improve the quality of our board food whenever possible. Finally, it is imperative that the IHC stay visible (and accountable) by publishing weekly minutes in the *Tech*. Although this is the responsibility of the secretary, I think it is ultimately the chair's obligation to assure their submission.

When, I first joined the IHC as the Lloyd House President, I went to all the "Meet the Administrators" dinners. I pursued all the so-called "legitimate" channels until I was blue in the face, sometimes successful and sometimes not. I have served on committees and I have presided over meetings, small and large, in my own House. You can bet that I will bring this experience to the new IHC, not as a cynical veteran who laughs at the prospect for change, but as an optimist, who is willing to suggest some of the alternative channels of communication and who already has a feel for the present state of Caltech undergraduates. I can be a real resource for the new presidents having been one myself for the past year. I have come to view the IHC, in some sense as it was

once described to me, as a "presidential support group." In that respect it can be very valuable as each president faces similar concerns and conflicts only in different settings. My experience on the IHC has taught me how alike we all really are without the House boundaries that divide us. I have met great, stereotype-defying people from all the Houses. It has really made me yearn for more House-House interactions, something I will advocate whenever possible. Of course, the power of the chair in this respect is limited. Depending on the actual presidents and their own relationships, the IHC can be that much more of a functional or non-functional body. It is somewhat of a crap shoot, but you can bet that I will do my best to take on at least those duties I have outlined above, no matter what the committee's make-up.

I was talking to a professor recently, relating some of the current problems that students face here on campus, and he seemed unaffected. "Everyone is so smart here," he said, "They have such high standards for themselves that they can't help but have high standards for everyone around them. Relatively speaking, students here don't have it all that bad. They shouldn't complain so much." I couldn't help but disagree. We should continue to demand the same high standards from our administrators, our student leaders, and ourselves with the same burning enthusiasm that we always have. Don't lower your standards. Vote for Eric Slayback for IHC chair.

## DIRECTOR FOR SOCIAL ACTIVITIES

### Chris Marsh

Life here at Tech can sometimes be a little oppressive. Just like all of you, I have come to know this. If elected to the position of ASCIT social director, I can follow the tradition of making life more enjoyable by throwing good parties. I feel that I am completely qualified for this position, as I have helped in several Ruddock events and am currently running this year's OPI (that's the 12th, by the way). I really enjoy planning these things and can have no better satisfaction than having successfully created a fun event. I look forward to serving you for the next year, and thanks for your time.

### Greg Steiert

As we toil through life, many people come to the conclusion that life just isn't fair. Quite often the recognition a person receives is not proportional to the work they

do. A good deal of the time, as with the office of social director, the work is greater than the recognition. With the amount of work involved, it's no wonder no one had signed up for this office until the day before nominations closed. Yet, why did these few people decide to take the chance and run? While I cannot speak for my opponents, I can tell you why I, Greg Steiert, would like to be your next ASCIT Social Director.

For me, there is much more to life than being recognized for what I have done. While it is nice to have others notice what you have accomplished, I find the mere fact that you have accomplished it much more satisfying than the recognition you may or may not receive. To me the greatest accomplishment in life is positively influencing the lives of others, regardless of whether or not they realize it. I guess this is why I have been a part of my House's social team, why I have volunteered for every decom-

pression since I have been here, and why I became a T.A.

The job of social director is a service job, and I am here to serve. I have been on social team for my house and have assisted Anandi (the present social director) enough to know what the job entails. I am prepared to put forth that much effort and more, whatever it takes to see that the students here have a social outlet for the stress that builds up in our daily life at Caltech. I will strive to develop more events that create unity between the Houses, and in doing so, give each student a broader basin of people and experiences to draw on. If elected I plan to do everything in my power to improve the quality of social life, and even if I make only one person's life a little better, any amount of work will have been worth it. A vote for Greg Steiert is a vote for effort and experience.

*The ASCIT Candidates' statements are continued on page 6.*

## DIRECTOR FOR ACADEMIC AFFAIRS

### Flora Ho

Here I go again! I currently hold this very office, and after a year of figuring out what ASCIT and the BOD are all about (getting acquainted with my duties and learning from my mistakes), I think I've gotten the hang of it! (Remember all those CLUE review requests? And those articles about the Student-Faculty Conference?) I feel

much more familiar now with what the office entails, and as such I'm eager to continue in office so that I can make improvements, follow up on the conference, and actually put the Educational Policies Committee to use (although it also means I would get to edit next year's CLUE the summer after I graduate). One last word: *incumbency!* Please vote for me. Thank you!

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by Gypsy Achong

**Crime Tip:** Please lock your office or room, undergrads, when you leave. Do not hide a purse under your desk or in an unlocked drawer because these are neither original nor highly inaccessible hiding spots.

1/17 A new computer (still in its box) and all its accessories was stolen from a room in Booth. It was last seen sometime in the afternoon. The box was left behind. \$13890

1/22 A car was stolen from the Chester lot north of Watson Lab. \$4000

1/25 11:25 A.M. A custodian observed a black man in his twenties, of medium build, enter Spalding Lab. The man walked down the hall until he came to an open door. He entered this room but left quickly when he noticed that he had been observed. He then took the elevator to the 3rd floor while the custodian checked the room that he had entered. The custodian then went to the 3rd floor but could not find the man. On return to the 1st floor he observed the man leaving with the television that belongs to the lounge on the 3rd floor. The custodian confronted the thief and recovered the T.V., but the suspect ran away.

1/25 10:00 A.M.-1:34 P.M. Someone entered an unlocked office in Church and stole a purse which was under a desk. Airline tickets, several credit cards and \$200 were in the purse. The purse was later found in the Grant Park men's room.

1/25 10 A.M.-12 noon A backpack was stolen from a coat rack in Kerckhoff. \$60

1/25-26 5:00 P.M.-5:00 A.M. A coffee money box was stolen from the Keck copier room. There was no sign of a forced entry. \$2-3

1/25-28 The seat of a bike parked in the north stair well of Fleming was removed. \$30

1/26 6:30-11:55 P.M. The handrail at the south exterior of S. Mudd was cut in order to remove a bike that was locked with a U lock. \$290

1/27 10:32 A.M. A member of staff was studying in the lunch room in Kerckhoff when she went to the rest room. On her return she noticed a Hispanic male in his 20's-30's with tattoos or other marks on his fingers, a thin build, and a thin moustache seated in another area of the room. After a while he got up and asked her the time and left. Soon after she noticed that her calculator was missing. \$5

1/27 8:00-11:30 A.M. Someone removed a leather jacket from an open office in Crellin. The owner's car keys were in the pocket of the jacket. Later the jacket was found, but not the keys.

1/27 11:00 A.M.-12:00 P.M. A purse was removed from a briefcase that was on a chair in an unlocked office in Braun lab. The purse was later found in the men's bathroom with all its contents missing. \$20-30

1/28 The front and rear wheels of a bike parked in the Blacker bike rack were removed. \$450

**This week's total: \$18747 + keys**

continued from page 1

## Rhodes

"I did what I could to improve the overall climate of the Institute during my terms as ASCIT president. We failed and we succeeded, but we tried. There were many people who participated in this. I am only the one who led the effort. As the years go by, I think back to my Caltech experience as something priceless. I even played in

the one football game we won in four years!"

After Rhodes was graduated in 1969, he went on to Harvard University as a graduate student, and, at age 22, was placed on President Nixon's Presidential Commission to Study Campus Unrest. He was the subject of many newspaper articles, nationwide debates, and a few cartoons. He later went on to become a Pennsylvania senator, and is now Public Utility Commissioner in Harrisburg.

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# entertainment

## Games & Puzzles: finally, the answers

by Wei-Hwa Huang

### Answer to the "Old Hat" problem

Moon's argument was, "I know both Xanthi and Cyrus are good logicians. Now, If any two of us were wearing white hats, the third person would immediately know that she's wearing a black hat, since not all hats are white. So, if Xanthi sees a white hat on my head, she knows that since no one has claimed immediately that she must be wearing a black hat. As she has not done so, my hat must be black." As it turns out, Moon was correct, although there is a gaping flaw in the argument. What is it?

### Answer to the soccer game problem

I apologize to anybody who tried to solve the problem last week and forgot the important information that Ricketts beat Blacker 3-1, mentioned in the column from two weeks ago. But here's the answer.

Dabney drew once, so they played at least one game. But the total in the "games played" column must be even, because each game

played adds one to both team's respective rows. Since Dabney certainly couldn't have played 4 games or more (the North houses weren't built yet), they must have played two games. Continuing, I see Dabney has a losing record (scored 4 goals with 7 goals against), so they must have lost their other game by three points. Ricketts, on the other hand, beat Blacker 3-1, so they must have lost their other game 0-2. So, Ricketts couldn't have played Dabney. Hence Ricketts lost to Fleming 0-2, and Dabney played Blacker and Fleming, drew one of them, and lost the other by three points (most likely to Fleming, but I can't be sure yet). Blacker and Fleming couldn't have played each other (since they've both already played against Ricketts and Dabney), so Blacker's draw was against Dabney, while their other game was the 1-3 loss to Ricketts. Blacker

scored 4 goals altogether, only one of them against Ricketts, so they must have finished 3-3 against Dabney. This leaves 1-4 as the only possible result for the Dabney-Fleming game, as I had predicted.

The completed score card is pictured below.

The individual game results were:

Ricketts-Blacker 3-1  
Ricketts-Fleming 0-2  
Ricketts-Dabney (not played)  
Blacker-Fleming (not played)  
Blacker-Dabney 3-3  
Fleming-Dabney 4-1

And yes, there is a puzzle in today's column.

*Anything you'd like to see in this column? Send your suggestions, comments, or ideas to Wei-Hwa Huang, MSC 542, call x1540 and leave a message, or e-mail to whuang@cco.*

| HOUSE    | GAMES PLAYED | GAMES WON | GAMES LOST | GAMES DRAWN | GOALS FOR | GOALS AGAINST |
|----------|--------------|-----------|------------|-------------|-----------|---------------|
| RICKETTS | 2            | 1         | 1          | 0           | 3         | 3             |
| BLACKER  | 2            | 0         | 1          | 1           | 4         | 6             |
| FLEMING  | 2            | 2         | 0          | 0           | 6         | 1             |
| DABNEY   | 2            | 0         | 1          | 1           | 4         | 7             |

## Beaver baseball falls short in preseason

by Tim Wachholz

The Caltech Varsity Baseball Team opened its preseason last week with a scrimmage against LaVerne on Tuesday and a double-header vs. Cal Maritime on Saturday. Numbers are down for the Beavers this season, with only twelve on the roster, seven of them returning lettermen. If you've got any baseball experience and are willing to devote twenty hours a week to the best sport known to mankind, come out to the field between 4:00 and 6:00 Monday-Friday, or give Head Coach John D'Auria a call at x3263. We're looking for a few good men.

The Caltech Nine got their feet wet Tuesday against a "varsity reserve" squad from LaVerne. Their defense was fairly good throughout, but offense was lacking, with the exception of a solo shot by junior catcher Alan "Cooter" Blaine

and two by senior center fielder Tim Wachholz.

On Saturday, Cal Maritime proved to be a fairly even match for Tech. Both games could have gone either way, but Tech ended up on the short end of each, 2-4 and 8-13. In the first game, the Beavers came out strong. Jonah "Buzz" Harley led off with a walk and Blaine tripled to score him. Then Wachholz singled in Blaine with a weak Texas-leaguer to put the Beavers up 2-0. In the third, Maritime answered with a two-run triple and the game was tied. From then on it was a defensive struggle. Coop didn't give up a hit for the next three innings. Then in the seventh, a couple errors and a base hit gave Cal two more runs. The Beavers came back in the bottom and put runners on the corners with two gone. Jon "Tiny Dub" Wesselman hit a helluva shot to deep left which would have tied or won the game,

if it hadn't been for the superhuman speed of Cal Maritime's left fielder. Altogether Tech had five hits, which isn't enough to win a game. As in previous years, Coop pitched well but the bats couldn't produce.

After a short lunch break the second game started. From the outset this game was a slugfest. Hits, walks, passed balls, and errors filled the score book for both teams. Six Techers combined for nine hits, with Blaine's 3 for 4 and senior captain right fielder Hootan Hidaji's triple leading the bunch. The Beavers also took 8 walks and got hit by Maritime's wild pitching three times. But all these base runners weren't enough to make up for the defensive errors. Only one of Cal Maritime's 13 runs was earned. Wesselman, senior Mike Harrison, and senior Jeff "Guido" Pasquino each pitched a few good

see **BASEBALL**, page 7

## Take the first step: entry-level opportunities for college graduates

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## UPPERCLASS DIRECTOR-AT-LARGE

### Brian Brewington

Let's face it, we all know these statements are just a little bit full of it. So I'll keep mine short and to the point. I have two years experience in House government having served on the Page House excomm for the last year as Athletic Manager. I've learned a few things, among them, the only way to make sure things get done is to either do them yourself, or hound people until they get done. Not being a copier repairman or auto mechanic, I'd stick to hounding. I'm an excellent hound. If you don't believe me, ask all the people I talked into playing interhouse sports. What I'm saying is, if things (i.e., the ASCIT van or copier) break down, I'll get them fixed, promptly. What's more, I'll make sure they're used responsibly, the van in particular (I'd hope no one finds a way to use the copier irresponsibly. It might be ugly). That's about half the job. The other half is to be a responsible student leader. This is where most of the aforementioned fullness usually comes in. It's sufficient to say that I'm running for ASCIT office, because I want to be involved, and I can serve well on the BOD. I'll

spare you the rest; you've probably heard it at least once for every statement you've read. Just remember on Monday to vote for Brian Brewington for ASCIT Upperclass Director-at-Large.

### Penny Sherman

Hi! I am Penny Sherman and I'm running for Upperclass Director at Large. I live on campus, am easy to reach, and often use the ASCIT copier. So, were I elected, it would be easy for you to use the van or to tell me to fix the copier. I know it can be annoying to have to go to Millikan, so I'd fix the copier quickly (and the van too).

The other part of the office is being on the ASCIT BOD (that group who decides what to do with your ASCIT dues and tries to make Tech into the place we students want it to be). This is really important! I would attend all the meetings, speak out to express views, and try to promote intelligent discussion which lies within the sentiments of the student body. I would also hope that people tell me about issues that are important to them, so I can (I will) bring them up at the next meeting.

It's important to hear your opinion, so please vote on Monday.

## BOC SECRETARY

### Zackary Berger

I want to serve the Honor System and Caltech in general by undertaking the job of Secretary—as representative-at-large on the Board of Control, I have learned the workings of the Board and how the office should be handled. I hope to receive your vote for Secretary.

### Michael Pawson

A year ago, I first ran for House Board of Control Representative because I wanted to find out where the secret meeting place was. But seriously, I enjoy living in a community where we can trust one another, and I have gained a sense of satisfaction from upholding the Honor System. Now that I have served for a year, I feel that I am ready to take a leadership role with the Board. I understand the responsibilities of the office of Secretary and I think that I have the experience, judgment, and understanding of the Honor Code necessary to do the job well.

In addition to working with the handling of actual cases, the secretary and the chair share the job of

representing both the student body and the Board to the administration. In this aspect of the job, working to eliminate unnecessary in-class examinations would be my top priority. Last year, I took a course that had an in-class midterm. While in-class examinations are understandable for language courses that may have listening and/or speaking components, or for courses involving lab work, I did not think that there was any reason to have to take an in-class examination for this one. Under the Honor System, we should be trusted to take these tests on our own at the time and place of our choosing, and I was very upset that a professor could single-handedly decide to ignore Institute policy and tradition by giving an in-class examination. Unfortunately, this was not an isolated case of a professor not trusting the high standards of Caltech's Honor System.

If you elect me, I promise to be dedicated and hard-working towards upholding the Honor System as Board of Control Secretary. If you have any questions or concerns, feel free to contact me at [mdpawson@cco](mailto:mdpawson@cco), and I would be happy to respond.

## Write for the Tech.

We won't have three pages of candidates' statements to fill the *Tech* next week—so we'll need your help if we're going to print an issue that doesn't suck.

All members of the Caltech community are invited to our weekly staff meeting today at 12:15 P.M. in the Coffeehouse. Free pizza and soda will be served.

Whether you're interested in writing, want to schmooze with the editors, or just want a free lunch, we encourage you to come.

## FRESHMAN DIRECTOR-AT-LARGE

### Josh Moats

Even though the bold headlines above this article spell out everything, I'll tell you my name is Josh Moats and I'm running for Freshman Director-at-Large. I believe that I have the skills to complete the duties of Freshman Director-at-Large. The major task facing the Freshman Director is the publication of the UROH. Last term I helped the current Director put together this year's UROH, so I understand what it takes to make a great handbook. I know that I would be an active member of the BOD and feel that I would be a member you could respect and believe in. I want the chance to be your Freshman Director-at-Large, so please vote for Josh Moats in the upcoming election.

### Gina Serraiocco

Hi! My name is Gina Serraiocco and I am running for Freshman Director-at-Large. If elected, I will have many responsibilities to fulfill, some of which are to organize the annual budget meeting and publish the Undergraduate Research Opportunities Handbook. I hope to carry on the tradition of completing the UROH a month early, as Angie has done this year.

I am also looking towards expanding job and research opportunities by going beyond Caltech to sources such as JPL, the Carnegie Observatory, and other local firms for additional positions. Since arriving here I have gotten involved with the Caltech Y Excomm as their only frosh member and I also enjoy being a Volunteer Coordinator for the Caltech community. As you can see, I like putting in the most that I can to improve my school, and I hope that as Frosh Director-at-Large I will have the opportunity to involve each of you in my efforts. Thanks for your support.

### Elwyn "Tim" Uy

It is now 3:44 A.M. This is nuts, I should be asleep. So why am I doing this? It's for the power. Really, it is.

As Freshman Director-at-Large, I would have two major responsibilities:

1. To represent the freshman class in ASCIT meetings
2. To publish the UROH

My fellow frosh, one of the qualifications for representing you is simply knowing you. I've met many of you, and I am definitely eager to meet more of you. In high school, I served as a junior class representative and the president of the band. Both these positions have given

me experience in representing a diverse group of people. I work hard to keep open-minded and I am willing to take the time to listen to your opinions.

The publication of the UROH is the second major task of a Freshman Director-at-Large. I will to continue the new "tradition" of publishing the UROH at the beginning of second term instead of the middle of it. On top of this, I would like to see the UROH available electronically. Most Caltech students have access to the network. Scanning through the UROH ought to be as easy as reading mail. With an electronic UROH, the listing of SURFs could be continually updated. Positions which come up after the publication of the physical UROH could then be added to the electronic UROH. The electronic UROH would give the user the option of searching for all the SURFs fitting a certain description (e.g., Chemistry, but not requiring AMa 95).

That's about all I have to say. If you have any questions or comments, feel free to contact me at [etuy@cco](mailto:etuy@cco) or even better, come visit me at 101 Ruddock. I hope that you will strongly consider me for the position of Freshman Director-at-Large. Thank you.

## ATHLETIC MANAGER

### Scott Driggs

Everybody plays! Everybody scores!

This year there has been a great deal of enthusiasm about sports in general and especially Interhouse sports. I would like to see this trend continue. One way to encourage more interhouse enthusiasm and competition is to re-evaluate the point system for Interhouse sports. I believe that it should be changed to give groups that have not done as well in the past more of a chance. This will be accomplished in two ways: (1) increasing the point value for competition and (2) increasing the role that women play in Interhouse sports. The key words are participation and fun.

Everybody plays. Everybody scores.

### Kumar Raman

When one thinks of the word "athlete," a certain stereotype comes to mind, and believe me, I don't fit it. If I attempt to punt a football, I probably miss the ball. If I attempt a front somersault off a diving board, then I'll probably land on my back (very loudly). If I take a swing at a golf ball, well, you can guess what would happen. Mr. Coordination, I am not.

However, this lack of dexterity couldn't stop me from being active in varsity sports throughout my high school career. First term at Caltech, I went out for the water polo team (and as my teammates will tell you, I wasn't very good at that either), currently I am on the swim team, and possibly will join the track team once swim season ends.

The question now becomes, why do I choose to embarrass myself year after year doing things that my body obviously was not built for? Reason: I enjoy it. The benefits that I have received from participation in athletics is something that I can not underestimate. As a

child, I was rather sickly and suffered from severe asthma, making it difficult for me to even run one lap around a track without being short of breath. It amazes me at times when I get out of swim practice at how much I have changed with respect to health. As a Caltech student, being active in sports gives my life a structure that has not taken away from my academics in the least.

About now, it is 4:20, this thing has to be in by 5:00, and I am already late to swim practice, so I will just get to the point. The most important aspect of athletics is just participation. I realize that the statement is nothing original but it is extremely true. If elected Athletic Manager, this is the point that I would particularly stress. I have learned that it does not take a great deal of natural talent (or any in my case) to be benefited by athletics. Just the fact that I (who can't hit a pool ball without making it jump) am running for Ath Man has to represent something.

### Laura Verhoff

Experience. Experience, along with dedication and enthusiasm, is what makes the ASCIT Athletic Manager effective. I feel that I have the experience necessary to be a good Ath Man.

Ath Man has many responsibilities to ASCIT. Not only is he responsible for distributing varsity letters and jackets, he oversees Interhouse and Discobolus and, most importantly, acts as a liaison between ASCIT and the Athletic Department. I feel I am more than capable to perform these duties.

The responsibilities of dealing with varsity letter winners and House sports are both areas in which I am experienced. I have participated in both Interhouse and Discobolus sports and have aided my House's Ath team. Playing two intercollegiate sports and being a

varsity letter winner myself, I have had the opportunity to deal with many Caltech athletes.

Dealing with the Athletic Department is also well within my capabilities. I have dealt with various coaches and the Athletic Director through my sports and through my experience keeping statistics for other sports, such as men's soccer. I currently serve on a student athlete committee whose purpose is to improve athletics at Caltech. I am also attending a conference with coaches, trainers, and other student athletes to address the issue of substance abuse by student athletes. I feel this is an issue often overlooked here. In these various ways, I have become involved with the Athletic Department.

I feel my experience and enthusiasm will make me effective, if elected as Ath Man. I feel, given the chance, I could accurately represent athletes to the BOD. Also, compared to the other two candidates, I have larger breasts. So when you vote for Ath Man, please think of me as the best man for the job.

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(between El Molino & Oak Knoll)



continued from page 5

## Baseball

innings, giving up a combined 10 hits and 6 walks, but the defense made 12 errors.

This weekend Caltech takes on the Crown City Cobras, an area semi-pro team. It should be a fairly even contest. Come on down to the field and cheer on your Battling Beavers. Saturday, 11:00 A.M., the baseball field. Free beer if you fill the stands with undergrads!

continued from page 1

## Banjo

Clawhammer style of banjo.

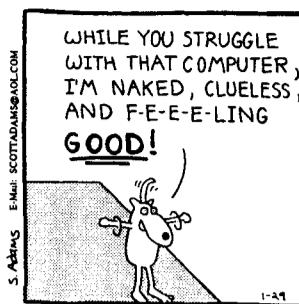
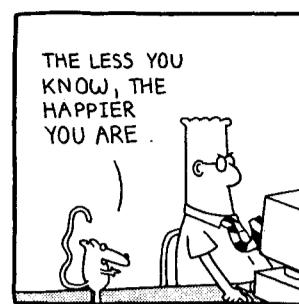
Seamus Egan was astonishing in a way not often matched by any of the other musicians. The Irish banjoist (like Sutphin, twenty-two) "has won All-Ireland championship titles on four instruments... all by the age of 15." He dazzled the crowd (which awakened from its sedate appreciation with uncharacteristic ovations) with his playing of the tenor banjo, an instrument with a shorter neck and one fewer string than its American counterpart ("We in Ireland have always had to make do with less," he joked). How is it possible to play like that? The listener thinks. And genius comes back as the only answer.

Tony Ellis' original compositions for banjo partake of a slow, graceful, melodic style. His performance, along with the more traditional two-fingered playing of Will Keys and the melodic, "fiddle" style of Carroll Best, made one marvel at the versatility of a simple four-stringed lute with a fifth string halfway up the neck.

Bluegrass, which most associate with the banjo, owes much of its life to Ralph Stanley, the last performer on the program. Stanley plays and sings a high, twangy bluegrass that's made him deservedly famous. With the backup singing and fiddling of Laurie Lewis, the singing and guitar-playing of

Dudley Connell, and the electric bass of Jimmy Trivette—who skillfully accompanied most of the night's artists—Stanley was rewarded with the audience's enthusiastic applause and calls for an encore. He obliged, while admitting "I wanted to come back on stage anyway." With that, young musicians and old, banjo and kras players joined on the stage to jam.

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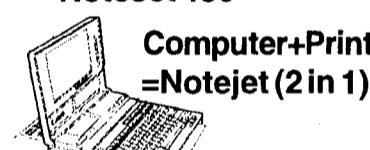
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\* Note: asterisks denote new announcements.

## Notices

**SURF's Up!**—SURF applications are now available in the SURF office 1-37 Beckman Institute. There is also a list of projects and research sponsors for students who need help identifying a research sponsor. If you have questions about SURF, call the SURF office at x2885 or stop by. SURF proposals are due March 1.

**Lift beautiful girls,** shake some maracas, and have a great time. TACIT needs 4 able-bodied men for some on stage work and various other people for backstage work. Undergrads get credit. Call x6259 and leave a message.

## Events & Services

**\* German Film Series**—The next film featured in the German film series is *Dr. Mabuse, Inferno des Verbrechens* (1921), which is the second of the three famous Mabuse films. It will screen on Thursday, February 10 at 7:30 P.M. in Baxter Lecture Hall. This movie features English subtitles and is shown free of charge. Call 395-3610 for further information.

**\* Ballroom Dancing** with Bill Bartlett is meeting on Thursday, February 10 at 6:30 P.M. in Winnett. No previous experience necessary. At this point, both classes are going on. For more information, please contact Sharon Kedar, atx6971 or e-mail sharon@seismo.gps.caltech.edu. Classes are free.

**\* Barnga Night: Relating Across Cultures**—International Student Programs and Counseling Center invite Caltech students to an evening of games, discussion, and dinner to increase intercultural awareness. It will be held on Wednesday, February 9, 1994, at Winnett Lounge at 6 P.M. To sign up, stop by ISP or call x6330.

**\* African Movies at Caltech**—International Student Programs and Open Line invite you to see two distinguished African movies—*Yelen* (Brightness) and *Lumumba: La Mort du Prophète* (Lumumba: Death of a Prophet). The show will be on Thursday, February 17, 1994, at Beckman Institute Auditorium, from 7 to 10 P.M. Admission is free and refreshments will be served during intermission. For more information stop by ISP or call x6330.

**\* Caltech SEDS (Students for the Exploration and Development of Space)** is having its Ice Cream Social/Star Wars Trilogy Party in Winnett Lounge Saturday, February 5 starting at 7 P.M. Free ice cream and drinks will be served, and all members of the Caltech community are invited. For more information about this or any other Caltech SEDS event, contact Ben McCall at x2902 or bjmcall@cco.

**Caltech Alpine Club "Sit and Chat"**—Bring a sack lunch to the patio outside the north end of Keck Laboratory on Wednesdays from 12 to 1. Talk about mountains, the weather, and outings, past and future.

**Friday Prayer**—Prayers organized by Caltech Muslim Students are held in the Caltech Y lounge at 12:15 P.M. every Friday.

**Mass**—Catholic campus life includes Mass on Sunday at 10 A.M. (Winnett Lounge) and on Thursday at 8:15 A.M. (Y Lounge), Rosary at 11:15 A.M. daily in Winnett 1A, and various spiritual development groups and study circles. For more information contact Fr. Brian Wilson at x6212.

**Bible Study and Discussion**—Every Wednesday at noon in the Y lounge. Bring your own lunch. For more information call Mike Gerfen at x4886.

# Events and Notices

**OpenLine**—A group made up of students, staff, and faculty from many different departments on campus, and from a variety of ethnic and cultural backgrounds. We are both an action group and a discussion group. Our agenda is very flexible and is solely determined by what people in the group suggest. Drop by any meeting and say hello! We meet from noon to 1 P.M. on Tuesdays in the Y Lounge (2nd floor Winnett, feel free to bring your lunch!). Remember, we *always* welcome new people, at any time of the year. Hope to see sometime! For more information contact Gary Mines at x6542 (garn@xhmeia.caltech.edu).

**Caltech SEDS** (Students for the Exploration and Development of Space) meets every Sunday evening at 8 P.M. in 107 Downs to discuss and plan for its \$4 million satellite proposal. Help is needed from undergraduate and graduate students, and advising is needed from research fellows, faculty and staff. Experience with space hardware or with the specific experimental subsystems (gamma-ray astrophysics and atmospheric chemistry) is not necessary. All members of the Caltech and JPL community welcome. Contact Ben McCall at x2902 or bjmcall@cco.

**Baby Furniture Pool**—The Caltech Service League loans out baby furniture to students and postdocs on Wednesday at 324 S. Chester from 10 to 11 A.M. For more information call 952-1631.

**Israeli Folk Dancing**—Sundays in Winnett lounge. Beginning instruction starts at 7:30 P.M., intermediate at 8:00 and open dancing goes on from 8:30 to 10:30. For information call Nancy Macmillan at 795-3655. Admission is \$2.00.

**Scottish Country Dancing**—On Wednesdays in Dabney Lounge from 8 until 10 P.M. Beginners are welcome and no partners are needed. For more information call David Hills at 354-8741.

**Music with James Boyk**—Pianist James Boyk gives a performance each Wednesday from 4:30 to 6 P.M. in Dabney Lounge. The performance is open to the public and free of charge. Feel free to come late or just skulk. For more information call x6353.

**Open House**—The office of International Student Programs (ISP) would like to invite international students, scholars, and the Caltech community to coffee, tea, and conversation every Wednesday from 4-6 P.M. Take a break and relax with friends at ISP (Lloyd House on the Olive Walk).

## Lectures & Seminars

**Science, Ethics, and Public Policy Seminar**—Dr. Linda Cohen, Olin Visiting Fellow in Law and Social Choice at Caltech and an Associate Professor of Economics at UC Irvine, will lecture on "Research, Innovation, and President Clinton's Technology Policy," on Wednesday, February 9 at 4:00 P.M. in the Judy Library, 110 Baxter.

**\* On the Communication and Understanding of Mathematics**—The Annual Leonidas Alaoglu Memorial Lecture will be held on Tuesday, February 22, 1994, 4:15 P.M. in room 151 Sloan. Speaker: William P. Thurston, Mathematical Sciences Research Institute and University of California, Berkeley. There is no charge for the lecture. Tea is served at 3:30, room 251 Sloan.

**\* The Caltech/MIT Enterprise Forum** is sponsoring a case presentation and panel discussion

titled: "Assembling All The Elements—The Business Challenge Of Multimedia Technology" on Tuesday, February 15, 1994 from 7:00 P.M.-9:00 P.M. on campus at Caltech. \$20 (fee will be waived for Caltech students). To preregister or for additional information, contact: Eleanor Martinez at x3916 (or e-mail huffduff@cco.caltech.edu.)

**\* "More Minorities and Women in Science—Caltech's Responsibility!"**—Open Line sponsors its 2nd annual forum with a panel from the community and our campus Winnett Center, noon-1:30 P.M. Thursday, February 24, 1994.—Is Caltech educating enough minorities and women?—Why are they not applying in greater numbers?—Are we responsible for increasing the pool of qualified candidates?—Should we help more with secondary education in science?—Primary education?—What diversity in our faculty and student body are funding agencies beginning to require?—Are we behind other colleges? These and other questions will be discussed by panelists and audience. For more info call Gary Mines x6542 or Pam Croomes x4723.

## Scholarships, Internships, & Competitions

The Indiana University Center is seeking applicants for its **Jane Addams Fellowships in Philanthropy Program**. The program awards each fellow a \$15,000 stipend, an internship with an Indianapolis nonprofit organization, and 12 credits toward a graduate degree. The application deadline is February 15, 1994. Open to recent bachelor degree graduates and graduating seniors. Students are selected on the basis of demonstrated leadership potential, special interest in community service and the nonprofit sector, and academic stability. The program is not intended for students who are already committed to a program of graduate study. For application materials interested candidates should contact the Indiana University Center on Philanthropy, 550 West North Street, Suite 301, Indianapolis, IN 46202, (317) 274-4200.

The **Charles G. Koch Charitable Foundation** invites students to apply for its **Summer Fellow Program** in market-based public policy. The ten-week program, running from June 11 through August 20, will bring together 30 students from around the world to study market-based solutions to public policy problems and effective methods for implementing those solutions. Through research and writing projects, mentoring by policy professionals, work with experienced policy analysts, readings, and seminars, Fellows will learn about the issues, institutions, and skills of professional policy analysts. Fellowships include round-trip airfare to Washington, furnished summer housing, seminar room and board, and a \$1500 stipend. Students interested in applying market ideas to society's most pressing economic and social problems should contact the Foundation immediately for a brochure and application. Deadline for application is March 1. To request a brochure or to recommend qualified students, write Summer Fellow Program, Charles G. Koch Charitable Foundation, 1401 I Street, NW, Suite 300, Washington, DC 20005; call (202) 842-4616; or fax (202) 842-4667.

**\* Political Internship**—The Beckman Internship will be available for the summer of 1994. The internship, supported by friends of Arnold Beckman, will pay a stipend of \$3600. It allows a

selected intern to spend the summer working in the office of a politician and to see the inside process of government. The intern is expected to make arrangements with the appropriate political persons. It is open to any undergraduate who intends to be a Caltech student next year. If interested, submit a brief proposal describing where and how you would use the stipend, to the Deans' Office, 102 Parsons-Gates, by Monday, March 7, 1994.

Contact Lauren Stolper, Fellowship Advisor, Lloyd House, x2150 for information on the following fellowships and programs:

**\* Undergrads, Study Abroad for Free!** The National Security Education Program allows Freshmen through Seniors to apply for special NSEP Undergraduate Scholarships for study abroad. Students may study anywhere except Canada and Western Europe. Students do not need to speak the language of the country they wish to study in as the main focus of the scholarship is to help undergrads learn languages and learn about cultures that are not typically taught at colleges in U.S. Applicants must be U.S. citizens and may study for a summer, term or year. Applications must be in Washington, D.C. by February 18; if you are interested move quickly to obtain an application from: Lauren Stolper, Fellowship Advisor, Lloyd House, x2150, e-mail Lauren\_Stolper@starbase1.caltech.edu.

**\* Study in Greece** at the graduate or postdoctoral level. The Greek government provides scholarships to non-Greek nationals or those of Greek descent who were born outside of Greece and reside outside of Greece for postdoctoral or graduate work in Greece.

**\* Women Grad Students** may apply for an award of \$3000 given by L.A. Soroptimist International. Women in any field may apply. Applicants must be U.S. citizens and residents of California. The application deadline is March 1.

**\* Traveling to Europe?** Then stop by the Fellowship Office in Lloyd House and pickup a free copy of *Europe Through the Back Door*.

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

The **Institute of International Education** is pleased to announce the National Security Education Program for undergraduate scholarships for the 1994-95 academic year. Please contact Barbara Green in the Dean's Office at x6351 for details.

The **College Women's Club of Pasadena** is offering scholarships for the 1994-95 academic year. Applicants must be full-time students and have a GPA of 3.0 or above. To apply, please submit a completed application form; one page,

typed, personal essay; transcript of college work to date including course commitments; and three recommendations, preferably from professors familiar with a student's aspirations and achievements. Completed application packets must be returned to the Financial Aid Office on or before February 4, 1994.

**\* CELSOC (Consulting Engineers and Land Surveyors of California)** has begun its competition for the Engineering & Land Surveying Scholarships for the 1994-95 academic year. To qualify, a student must be a U.S. Citizen pursuing a bachelor's degree in an ABET-approved engineering program or in an accredited land surveying program. Students must have entered their junior, senior, or fifth year in the fall of 1994 to qualify. Applications are due by February 14, 1994.

**The American Society of Naval Engineers** is sponsoring a \$2,000 scholarship for the 1994-95 academic year. The candidate must be a U.S. Citizen, demonstrate a genuine interest in a career in naval engineering, and be applying for support for the last year of a full time co-op program or one year of graduate study leading to a designated degree in an accredited college or university. Applications and supporting must be received by the association by February 15, 1994.

**\* The Rotary Club of Los Angeles** is offering a \$2,000 renewable scholarship to students who will be enrolled in their Junior or Senior years during the 1994-95 academic year. The scholarship is based upon merit, need, leadership, and participation in community service. The application and all supporting materials must be submitted to the Financial Aid Office no later than 5:00 P.M. Wednesday, February 23, 1994.

**\* The Society of Manufacturing Engineers** has four different scholarship opportunities for a full-time manufacturing engineering or engineering technology major who has completed 30 college credit hours. The application deadline is March 1, 1994.

**\* The Marin Education Fund** is announcing the opening of their 1994-95 grant application process. To qualify for a grant, a student must be a Marin County resident, have low to moderate income, and be enrolled at least half-time in an approved undergraduate degree. Applications are available by calling the Marin Education fund at (415) 459-4240. Applications must be postmarked by March 2, 1994.

**Sunyong's second annual Global Leaders of Tomorrow Essay Contest** has begun. Registration forms and information are available in the Financial Aid Office. Essays must be received by Sunyong no later than April 4, 1994.

**\* The Ebell of Los Angeles** is announcing the competition for the Ebell/Flint Scholarship. Applicants must be U.S. Citizens who is a legal resident of Los Angeles County, attending an accredited college or university in Los Angeles County and be registered to vote here if eighteen years of age or older. Applicants must be unmarried, full-time undergraduates and have a GPA of 3.25 or above. The application deadline is May 1, 1994.



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