

Money, Money, Money

by Roshan Kumar

In the midst of the celebration and ceremony marking Caltech's centennial has come an urgent cry to keep the Institute looking forward to its next one hundred years. Clearly, the school, which ranked first in the nation in total spending per student in a recent *U.S. News and World Report* survey, will need a great deal of funding in order to maintain the high level of research and education that has traditionally been carried out here. Given this, the question in these troubled economic times then becomes, "Where will the money come from?"

The Institute's Board of Trustees offered a proposed solution when it decided on Oct. 1, 1989 to undertake the school's first major fundraising and development endeavor since the mid-1970s. Entitled "The Campaign for Caltech: A Second Century of Discovery," its goal is to raise \$350 million by Dec. 31, 1993, in order to help insure that the Institute's second 100 years will prove as fruitful as the first.

"The purpose of the program is really twofold," says Tanya Mink, Director of the Campaign. "While we obviously want to raise the money...we also want to enlarge

the circle of people supporting Caltech and increase the base of that support."

Consequently, the drive is being aimed not only at traditional sources of support such as foundations and alumni who have donated in the past, but also at younger alumni and "leading citizens" of Pasadena in the form of the Caltech Associates.

Whereas most major universities average a major fundraiser of this sort around once every decade, the timing of the Campaign for Caltech is particularly appropriate, according to Mink.

"Seeing as how a lot of attention is focused on the school due to it being the centennial," she said, "[we] thought it would be a good time to raise people's awareness of funding needs."

Lest you think the open hand of Caltech is stretched just a bit too far in asking for \$350 million, a faculty assessment was made of the school's various needs and the amount came out to "close to a billion dollars," in

pared down according to need and how close we thought we could come to reaching that goal."

Although the drive was announced to the public on March 11 of this year, the Trustees were busy little Beavers well before then in their money-raising efforts. They managed to raise \$120 million before even announcing the Campaign. The total-to-date is \$237 million.

As to the Campaign's chances for exceeding its goal by New Year's Eve, 1993, Mink says, "A lot really depends on the economy. We haven't seen the impact of the recession too much - yet."

One-hundred million dollars of the targeted goal is earmarked for endowment money, which includes student aid and graduate and postdoctoral fellowships. "The endowment is really mostly about people," says Mink. "As Dr. Everhart says, 'People are what make Caltech what it is.'"

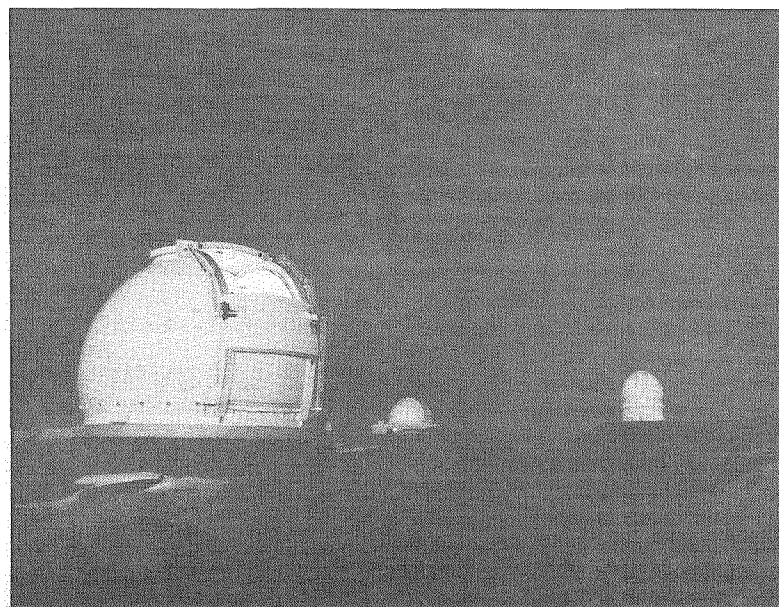
A further \$105 million is bud-

"Seeing as how a lot of attention is focused on the school due to it being the centennial, [we] thought it would be a good time to raise people's awareness of funding needs."

the Campaign Director's words.

She added, "That amount was

geted to capital projects, including three new laboratories, the new gym



The 10-meter Keck telescope is scheduled for completion next year.

and Centennial House, the mythical "eighth student house" of legend and lore. To fund the housing, however, a donor must specify the money for that purpose. The remaining \$135 million is set to go to programs and current operations, including research equipment and matching federal funds, which may actually bring in more government funding to the Institute.

Three main sources of donors pump the lifeblood into Caltech's scientific body. Individuals, including alumni and trustees (many of whom are themselves alumni) contribute about 40% of all funds, while foundations supply much of the remainder with private corporations rounding out the mix. The \$105 million donated by foundations so far includes the \$75 million dollar grant by the Keck Foundation for the second Keck telescope.

Undergraduates participate in the Campaign in various ways, such as phoning House alumni during the annual drive in January, and, says Mink, perhaps most importantly of all, "...[by] representing the school

wherever they go. Every time the Glee Club sings or students give SURF presentations, it's a reflection on the school."

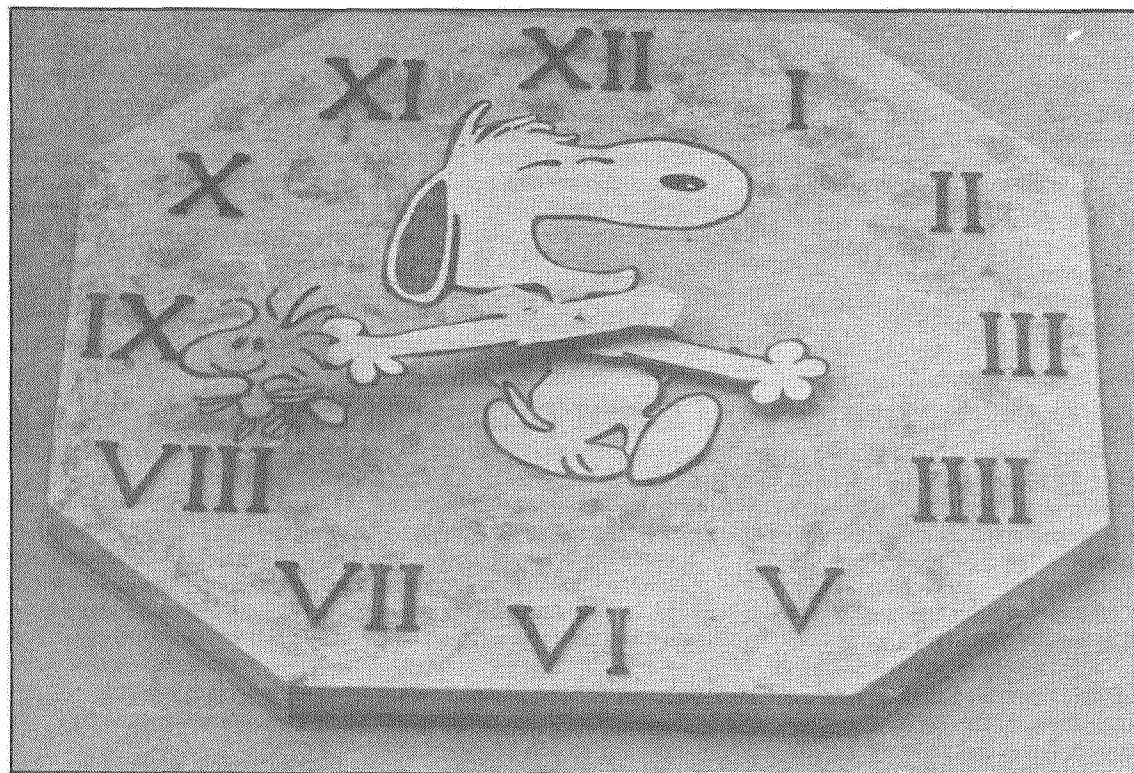
Heading up the Campaign is Chairman Jim Glanville, a Caltech alumni and trustee. He is joined by honorary chairman Dr. Arnold O. Beckman. Among the help they have received is an offer by alumnus Hugh Colvin (class of '36) to match donations by alumni.

The drive to keep the Institute well-funded continues unabated, although many might not notice it while reaping its benefits.

"It's been a group effort," says Mink. "Everyone who supports Caltech has been a part."

For information about making a gift to The Campaign for Caltech, please contact:

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Vice Pres. for Institute Relations
California Institute of Technology
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Pasadena, California 91125
(818) 356-6307



Snoopy and Woodstock say that this week is just about over.

France New Off-Campus R.A.

by Chris Dunn

Marcia France is the new R.A. in the off-campus post at the Olive Woods apartment complex, better known as 150 South Chester. She serves, supports, advises, and feeds undergraduates who live off campus in Caltech housing.

Marcia, a buoyant and affable graduate student in chemistry with a master's degree from Yale and a bachelor's from MIT, has a sprightly bounce in her step and an ineffable smile. She describes her childhood in the Chicago suburb Skokie as the "most normal childhood" anyone could live. A friend called her parents the "most parent-like parents" anyone could have. She was inspired by her high school chemistry teacher to take more than the two years of science required. Her parents thought the west coast was too far, so she turned east and has been a scientist ever since.

At MIT Marcia saw problems much like those she is now employed to ameliorate. The Ratio and academic pressure affected

students' lives there as well. There were people at MIT similar to the R.A.s here, and Marcia thought that "it sounded really cool ... to get to stay in the dorm forever."

According to Kim West, Director of Residence Life, the position was an old idea, adopted this year because circumstances were somehow ripe. It was established to give distant Techers another link to their college and to prepare for emergencies to which on-campus R.A.s could not quickly respond. In the past, says West, "[students] waited until there was really a major problem before they called."

Students interviewed applicants for the new position and made recommendations to the administration, where prerogative lay. Because the new R.A. would not have a specific, compact domain, the candidate, beyond typical requirements, needed a willingness to get out and meet people.

Marcia has already visited most of the her students, has given a barbecue, has begun surfeiting the students with cake at study breaks, has

cooked dinner for several, and plans more breaks, feasts, and trips this year. Although her most visible functions have so far been culinary, she has dealt with problems which otherwise might have ended up at the desk of the DRL.

Kim West expects that there will be an off-campus R.A. as long as there are students off campus.

With two years of experience at Yale, Marcia knows how much less supportive the administration can be. Here "[people involved with administration] are on our side.... Yale I found very oppressive," she says. At Yale students and administrators are "on different sides of huge barriers.... Caltech is very good about recognizing that... there is more to life than studies."

Marcia enjoys life at Caltech. There is more to do for fun than to go out and drink. She feels much safer in Pasadena than in New Haven, where she knew no graduate student who had not been the victim of a major crime.

"I think I fit in here better.... I'm a Techie at heart. What can I say?"

Phot by Rajan Ranga

IHC Minutes 11/14/91

We talked about our favorite topic, David Goldberg. Various permutations of groups containing the MOSH, DRL, Deans, and Gary Lorden have met to discuss sharing information (if Dave gives permission). Dave wants to think about giving permission and he wants to talk to Cathy Hafer and Maneesh.

To deal with future problems, Kim has drafted a few ideas about a student committee which would see all the Administration's information in a case like Dave Goldberg. We also need a system for shunting cases to the proper place, and for a group like the BOC or the Deans to tell each other which cases are being taken care of. We also need concrete guidelines to clear up the gray areas of jurisdiction between the BOC, Deans and MOSH?DRL. Rob Hanna volunteered to help out.

The next issue was the showering war between the Page Frosh and Lloyd which ended up with several injuries (a concussion, sprained ankle, etc). Someone went to the hospital. Aimee reported that the Page frosh claimed "wall slamming is legal in Page." Many people thought that sending unsupervised frosh to another House en masse can be very bad. Since the frosh don't know the other Houses' showering rules, all the Presidents should bring their House's rules to the next IHC meeting. Maybe they will be published. Note the showering rules that are used are those that are in effect in the place the showering takes place. Note headlocks are required in some Houses and illegal in others. [0533Z Cathy Hafer shows up]

It was mentioned that we are a big

family and not warring factions. Some of the physical events of the past like Blacker vs. Fleming carolers this year, or PCDE Day, etc are fine. The only thing is that we have to be sensitive to others. Any it's ok to just say NO! House Presidents should think on how to handle confrontations between Houses in the future. Maybe treaties, like the one Ricketts and Blacker had until recently [no throwing food into the other's courtyard] should be negotiated. Other things that were suggested were Olympics day with 7 person multihouse teams, or more multihouse parties. Someone suggested that there didn't seem to be this extreme violence between the Houses before. This could be that the only place that people meet classmates from other Houses is on the sport field or in a form a combat, like showering. A mentioned reason for the violence is that Interhouse showed the frosh that the other Houses are cool, and without Interhouse, only the competition and violence are propagated.

Aimee asked if the IHC had an official Hazing policy. The answer is not yet. Last year the IHC went over all the House initiations and made a few suggestions. The IHC may issue a policy at a later date.

There will be a walkthrough of the North Houses next week for Renovations. As a note to North House people, make sure that they are not removing all the lofts during renovations. If they have to remove the lofts get a *written* promise to let lofts be rebuilt after renovations.

Benjamin Smith
IHC Secretary

letters

Recycling and a Sustainable Future

Dear Dr. Everhart:

We congratulate you and the organizing committee on what we see as a successful symposium addressing environmental issues on a global scale. Many sensible solutions were proposed for the global environmental problems addressed at the symposium—solutions which are, as those who attended agree, necessary for our sustainable future.

On the local scale, we were delighted to see Caltech's effort during the conference to implement more sustainable practices such as using shuttle busses and recycling polystyrene foam cups, aluminum, glass, and white and colored paper. We commend the conference organizers for demonstrating that these efforts are within the Institute's capabilities. We hope that Caltech will extend these policies to its daily operations and, in the immediate future, make comparable efforts to reduce its number of single-passenger commuters and the size of its solid waste stream.

We understand you have already started to form a study committee to address global environmental issues on a local scale, namely, here at Caltech. As we stated in our posters and our flyer, we support this action. We hope that the committee will bring local attention to many of the issues discussed at the symposium and will begin to ameliorate many of Caltech's environmental harms. As Caltech does with science, Caltech needs to take a positive and aggressive step towards solving environmental problems. Caltech's own Dr. John Ledyard stated at the conference that sustainability will not be attained through market forces or altruism, or bureaucratic regulations, but that we have to cooperate and work together toward a mutually acceptable resolution of environmental problems. We hope that you will heed this advice and take action despite the short-term economic setbacks of doing so.

Again, we congratulate Caltech for the successful symposium. We hope to see much change in the near future. One non-Caltech person on campus during this symposium characterized Caltech as an aca-

demically "Ivory Tower," talking about serious environmental problems but taking few concrete steps to solve them. We hope that Caltech will distinguish itself from such an "Ivory Tower," take action, and locally address these issues which have tremendous global implications.

Sincerely,
CETF

Caltech's Mascot: Busy as a Beaver

To the Editors:

Let's get right to the point. How do people view our mascot, the beaver? Is it the most appropriate symbol for Caltech? Coincidentally, as I was returning from an athletic event this weekend, this very subject came up in our car. Apparently, some members of another team were having a bit of a trivia bout. Not being able to name our mascot, they approached our coach. Either he didn't know or he was too embarrassed to tell them. As our coach related this whimsical tale, it became clear that none of us actually adored the beaver mascot either. We wondered if this was the consensus of the entire Caltech community.

It was pointed out that some other schools revel in devotion to their mascots. One might notice such slogans as "Trojan Pride" or people proudly displaying various mascot insignias and memorabilia. When is the last time you saw anyone wearing something jointly containing "Caltech" and a beaver? Personally, the only beaverwear I have seen in the bookstore is of fairly low quality, hardly to be considered clothing at all.

So what is the problem? Is it that we need a new mascot, perhaps one that is more appropriate to the Caltech environment? The only thing that a beaver really connotes is "busy as a..." While this might be true, might there be something that could be uniquely identified with the Caltech experience? Something that athletes would be proud to have inhabit their uniforms? Something that was not the mascot of another infamous institute of technology?

Well, we the above-mentioned automobile occupants thought so. We had two concerns, though. We were first worried that there may be some factions (like the alumni and faculty) that might not appreciate a

change of mascots. The beaver might be so deeply rooted in Caltech history that no change would be possible. Of course, while we pondered this, it was noted that Stanford, a school with possibly more tradition than Caltech, changed its mascot not too long ago. Perhaps after one hundred years, it is time for a change. Secondly, we had no idea what to change it to. (Actually, the Valkyrie came up. Some of us thought that this was a really good idea since it was an integral part of an entrenched Caltech tradition. But of course, it might be a drawback that this tradition involves that which is less than wholeheartedly approved during the wee hours of finals week.) It would have to be something with which popular symbols and apparel could be made, and something which would represent Caltech much better than the current mascot.

The aim of this letter, then, is to resolve some questions. I would like to conduct a little poll. If you have any insight, suggestions, or feelings about our mascot (currently the beaver), please e-mail me (keith@hamlet). Include, if you would, the following information:

1. Whether or not you feel the beaver is an appropriate Caltech mascot,
2. How you might feel about changing the mascot,
3. If up to you, what you would appoint to be the Caltech mascot, and
4. Your status as an undergraduate, graduate, faculty, staff, or alumnus.

Thank you. Your input will be appreciated. Also, please note that this letter will certainly not resolve anything. It is only a meager attempt to gain some insight into the feelings of the rest of the Caltech community. No attempt has been made to discuss the logistics involved in such a change.

Keith Schneider

Editorial

Jon Liljeblad

Yugoslavia. USSR. New York City. Los Angeles.

These disparate locations all share one dubious distinction: they are quintessential examples of resurgences in ethnic conflict and racial intolerance. In all four places xenophobic factions within the populace have become restless and unwilling to cooperate with differing peoples. The end of the Cold War and the construction of the New World Order has done little to halt the rise of tribalism. If nothing else, in fact, they have only fostered the vices of hubris, bigotry, and fear.

In New York City Jewish and black neighbors clashed bitterly over the past summer after a member of the Hasidic sect accidentally ran into a young black girl. Here in Los Angeles we are witnesses to an ongoing war between gangs divided along color-black vs. Latino vs. Vietnamese vs. Jew vs... ad nauseam.

What is most troubling about all of this is that we as a society are in many ways directly responsible for the rebirth of tribalism. Our actions in recent years towards "correcting" the racial and social injustices of the past have also encouraged pride in the name of truth.

That is, with the recent emphasis on "ethnic pride" and "socially non-Eurocentric history" we have become a more divided society, separated by the boundaries of heritage and legacy. Caught up in some competition for whose ancestors contributed or suffered more, we are fast becoming obsessed with ethnicity and are displaying the symptoms of insularity and insecurity. We seem to no longer see ourselves as Americans first and race second but instead as black, Asian, white, or Hispanic trapped in some country carved out by racist Europeans of the past.

Enough.

With the anthems of Asian pride or black pride (or whatever) are planted the seeds of discord. With the pursuit of ethnic identity comes the danger of xenophobia. In celebrating the achievements of one's ancestors we are tempted to discredit or deride the accomplishments of others. In exalting the sufferings endured by our races we are led into the messiah/martyr complex, in which we assert that "We deserve more because we have bled more."

Ultimately, such delineations can only fracture our society to the point of self-destruction. One only need look to Yugoslavia, where Croats and Serbs now struggle and fight in the name of national and ethnic identity—a case which is only but a recent addition to the marred history of the Balkan states, where tribalism has run rampant for centuries in conflict after conflict.

It would be idealistic to call for an elimination of such problems, and unrealistic to believe that we can live as people without some knowledge of our racial histories. But nevertheless, it is critical to the survival of this nation as a cohesive entity that we realize that racial pride should not be used as an excuse for bigotry, nor that some sense of racial identity should be the preservative for fear. Such mistakes would only enflame the ongoing cycle of tribalistic fervor and ethnic insularity.



Have something you want printed in The Tech? Here's how:

1) One may submit articles over the network to an Electronic Mail (E-Mail) account on CCO's Shakespeare Cluster. This will facilitate submission or articles. The E-Mail account is:

TECH@Iago.Caltech.Edu or
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2) Articles can also be dropped off (preferably on Macintosh or Next format disks) at the Tech office directly (room 40A SAC). If one of the editors is there, he can copy the file, and hand it back to you in a matter of seconds (well, maybe a minute...)

3) Articles and disks can be submitted to the "in" box outside the Tech office (in room 40A SAC) or even sent to us by mail at The California Tech, 40-58 Caltech, Pasadena, CA 91126

The deadline for submitting articles is 5 p.m. Wednesdays.

Asim Mughal
(MUGHAL@Iago.Caltech.Edu)
Electronic Copy Editor
The California Tech

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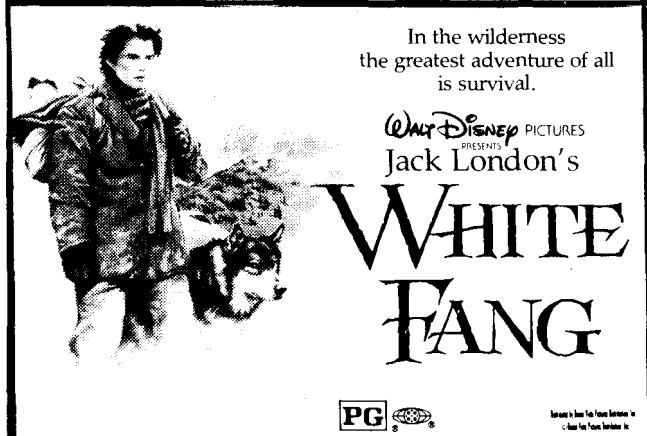
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Budget Heading	Amount Paid	Balance
ESC	\$5484.20	\$9515.80
Athletics	3542.18	-42.18
BOC	700.00	800.00
IHC	166.67	333.33
ASCIT Movies	2275.00	4550.00
Research Handbook	0.00	300.00
Totem	0.00	1250.00
little t	0.00	1500.00
Salaries	0.00	1900.00
ASCIT van	0.00	3000.00
Other Costs	258.24	6741.76
Surplus	500.00	3675.00
Random Club Money (excess)	0.00	2015.
Clubs:		
Alpine	0.	200.
Bike Shop	0.	50.
Body Surfing	33.34	66.66
Bridge	100.	200.
CCF	0.	700.
Chemistry	0.	50.
CCSA	333.34	666.66
Club Homeboy	40.	80.
Engineering	0.	50.
Entrepreneur Assoc.	33.34	66.66
Instrumental Music	0.	600.
Jam Room	250.	500.
Korean Am. Student	50.	100.
Men's Glee Club	0.	300.
Model Aviation	0.	100.
Nat'l Soc. Black Eng.	28.34	56.66
Newman Center	0.	380.
SEDS	200.	400.
Ski Club	0.	100.
Soc. of Hispanic Eng.	0.	50.
Soc. of Physics Stud.	0.	150.
Speech and Debate	0.	50.
TACIT	0.	200.
Ultimate Machine	100.	200.
Women's Glee Club	200.	400.
<hr/>		
Total spent so far:	14,394.65	
Total budget left	42,155.35	

CRIME AND INCIDENT BEAT

- Security tip: Lock it or lose it!
- 11/4 The victim left a calculator on the desk in the victim's room in Dabney hovse. During a short period of time when no one was in the room, the calculator was stolen. Value: \$289
- 11/7 The victim's car was parked in the Business Services parking lot between 7:50 AM and 4:05 PM. When the victim returned to the lot, the car was missing. There wasn't any broken glass on the ground. The police department was notified and an investigation was taken. Value: unknown
- 11/7 A suspect was found placing pamphlets on vehicles in the Business Services parking lot at 2:17 PM. The suspect was adviseed that he is soliciting on private property which he was not allowed to do. The suspect removed the pamphlets from the vehicles.
- 11/7 This victim's vehicle was also parked in the Business Services parking lot between 12:00 PM and 4:30 PM. After returning to the car, the victim discovered that the radio/cassette player was missing. There wasn't any evidence of forced entry. The police department was notified. Value: \$700
- 11/9 A witness heard the back gate open and then close a while later at the apartment at 11:30 PM. When the witness went outside to investigate, the witness discovered that someone's bike was missing. Value: unknown
- 11/11 A computer was noticed missing from room 239 in Beckman Institute. There was no sign of forced entry. The computer was stolen between 5:00 PM on 11/4 and 8:00 AM on 11/11. Value: \$4,026
- 11/11 Three suspects were observed riding their bicycles between the parked vehicles on the Business Serviced parking lot, North Lura lot, and South Mudd area. Security advised them that they were trespassing on private property and could be arrested if they continued to do so.
- 11/11 Wtnesses repoted that a suspect was importuning money from Caltech students in the vicinity of the Catalina II mailbox located near DelMar Blvd.
- 11/12 Someone removed some food from the Braun house freezer without permission between midnight and 12:00 PM. Value: \$30
- Total value: \$5,045

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The Essence of Movie Making

I just got out from the eight o'clock showing of *North by Northwest*. A Hitchcock movie restores one's faith in cinematography in general, by making it evident that plot is possible, disbelief suspendable, and gratuitous violence not a technique absolutely necessary to a fine movie.

To backtrack: One may say that a "Hitchcock movie" belongs to, and is a creation of, Hitchcock in the same way that one may "read Flaubert." Beyond Hitchcock's directorship, however, lies an approach to movie-making which seems singular to most directors and producers - and audiences - today, but which some years ago was common enough to claim status as *the* approach. Notice, for instance, how laughable the situation of Cary Grant is to a typical movie-watcher today. Two men—only two, mind you—hustle him into a limousine with intention to kidnap, and Cary Grant neither rips from his pocket a semi-automatic, nor kick-boxes his would-be assailants into submission. He sits and takes it. Cary Grant—or the character he plays in the movie, whose name I don't remember—discovers his erstwhile lover is actually a double agent; he does not beat her, but only excoriates with sarcasm. What kind of a movie hero is this? He doesn't speak with a heavy German-potato-salad accent, he doesn't flail like a ceiling fan with a seven-figure salary. When Cary Grant, later in the movie, is made to imbibe by two muscle-bound thugs (muscle-bound thugs were always the bad guys), he struggles, and the struggle is realistic. When real people struggle against unwanted physical violence, they move with lumbering slowness, not smooth, lethal power. Your average non-actor American is not muscle-bound, and surely would not know what to do if encountered by such a criminal pair.

A similarly striking difference is present in the movie's pacing—a difference which was inadvertent on the part of Hitchcock. This difference arises because the speed attainable in an average automobile increases as something like the square of the time—and therefore cars of the 50's and 60's move that much more slowly. When a bus pulls up to the same side of the road where Cary Grant is waiting, the camera has to wait for it to pull out of the frame—and so we, the movie viewers, have to wait too. When police cars pull out into traffic from curb-side, they don't take 0 to 60 in 6 seconds—so we get time to think as the cops get up their get up and go.

These cumulative differences, and many more besides, mean that one must pay rather more attention to the movie than is usual. The movie is not made altogether better thereby—some of the meaningfully light banter between Grant and his female opposite is clunky. But at least it is made more absorbing, less muscle-bound and firearm-adicted.

Zack Berger

Goodstein Book Signing

By Roshan Kumar

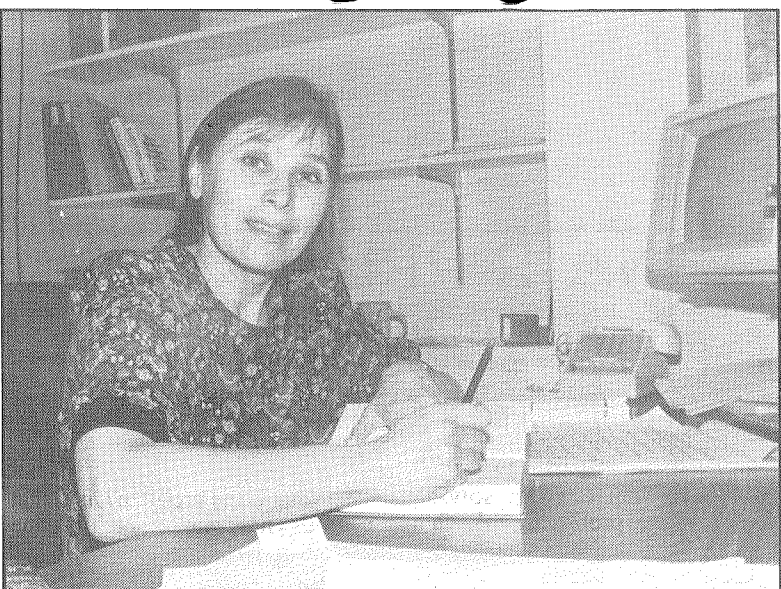
"It was," said school archivist Dr. Judith Goodstein, speaking about the 100 years of Caltech's history, "just too good a story not to write." Dr. Goodstein tells the story in her recently-released book, *Millikan's School*, which she will be signing tomorrow at Vroman's Bookstore (on Colorado Blvd., two blocks west of Lake) from 10:00 to 11:30 in the morning and on Mon., Dec. 2, at the Caltech Bookstore from noon to 1:00 PM.

"I started writing this book long before," said Dr. Goodstein, who established the Institute Archives upon coming to the school in 1968 with her husband, David Goodstein. "As I began bringing in papers and documents, I realized what a fantastic story there was that had never been told."

Although she first put pen to paper (or, nowadays, typewriter ribbon to typing paper or pixels to monitor screen) in 1980 to begin writing the book, Dr. Goodstein recalls finding a note to herself saying what a history of Caltech would be like if she ever wrote one. The date on the note? Nineteen-hundred and seventy-four.

"When I first came here," says the author, "I didn't know much about Caltech...It took a while to develop a sense of history about the place. When people used to call me 'school historian,' I felt embarrassed by the title—I felt it was a bit inappropriate. Now, I don't blush as much."

Upon digging into the century of the Institute's past, Dr. Goodstein



Judith Goodstein, as she will appear at the book signing, tomorrow.

found that not everything was as preordained as it might seem with the 20/20 vision of hindsight.

"There's always been a history of Caltech," she notes, "but when it's told, the slope is usually straight up...I had thought that I had known how the school had turned into Caltech, but...I found that it's a very complex story. The scientists who created this place were very focused, very relentless...They played the game to win. There was nothing obvious or inevitable about Caltech becoming what it is today."

Dr. Goodstein's chronicle of the founding of Caltech has earned a favorable review in the *Los Angeles Times* and excerpts have been printed in several sources, including *Engineering and Science* and the *Tech* (that's when you know you've made it big).

"The reaction has been wonderful," she says, "especially since I have something of a natural audience for the book. There will always be people who want to learn about this school."

Although she has promised her family that she will take a six-month leave after ten years of delving into the school's past, Dr. Goodstein does have plans for future books. For now, however, she is content with her first book publishing endeavor.

"Looking back," she remarked with a smile, "I wouldn't change a thing."

Sonny Hughes

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The Inside World

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All Inside Worlds must include the author's name. Inside Worlds can only be written by current undergraduates. The editors reserve the right to edit any or all parts of an Inside World. No libelous material will be accepted. It is the author's responsibility to check material written about a person to see if they consider it libelous. Please submit a 3.5 inch Macintosh Disk by 8:00 PM Wednesday.

This Week's **Inside World** was written by:

- Dabney:** Rob Hanna
- Lloyd:** Daniel Dunphy & James Holton
- Fleming:** Chris Ho
- Page:** Bryce Elliot
- Ricketts:** Brian Chafin

Blacker	0	0	2	0	1	0	3
Dabney	0	0	5	0	0	3	8
Fleming	3	1	3	0	2	4	13
Lloyd	1	3	1	0	4	1	10
Page	0	0	4	1	0	5	10
Ricketts	4	2	0	0	0	2	8
Ruddock	2	4	0	0	3	0	6

PAGE

Sometimes life in Page is good. Kim West actually liked an idea our social team came up with about a party (and, believe it or not, it involves thugging Daihatsus—the irony is just sickening). Sometimes life in Page is bad. Dave Goldberg still isn't allowed into the house. (Some of you take this as a blessing, but y'all can feel free to fuck right off!) Sometimes life in Page is like one long MTV trip. After having a lengthy discussion with Wayne and Nate about the pros, cons, symbolism, and general bullshit of modern art, I attempted some modern art of my own on Wayne & Chip's whiteboard. It was judged to be quite phallic by all (surprise, surprise). Shortly thereafter, Wayne blanked the board.

Tom Fink seems to have the idea that it's possible to make three or four hundred dollars a day at a sperm bank at one hundred dollars a shot. Either Tom just doesn't know much about sex, or he's a lot more of a stud than most of us give him credit for being (maybe that's what she saw in him...). Speaking of which, it seems as though some guys around here are trying to start the Caltech Sperm Donor's Club, and have a big group go in the ASCIT van twice a week to a sperm bank. What would a club like that do for social events?

Hold on to your hats, sports fans! The NBA season is underway, and the world has been turned upside down. Who's on top?

Tim Hardaway and the Golden State Warriors. Who's not? The Los Angeles Lakers minus one very Magic man. Showtime is over. What gets me the most about that is not the loss to the Lakers (I was born a Rockets fan; I'll die one.) or to basketball in general (His smiling face will own a team soon, I'm sure.). No, what really irks me about it is that he was on my rotisserie team, and I lose all those stats without getting any compensation. I'm a selfish bastard.

Having said that, I'd like to take this opportunity to thank all of you who either signed the petition for Dave Goldberg or collected signatures. Our final tally (assuming Joe can count) was 323 signatures, collected in about 24 hours. The petition was presented to Dr. Lorden last week, and it appears that progress is being made in what I consider the right direction. (Of course, my direction sense also led me here to Caltech, so I've learned not to always trust it.)

There's a giant spider living in my loft. I saw the thing crawling over Joe one night after he had snoozed, and I kept having these mental images of the movie scenes where one guy sees a bug on the other guy, so he starts trying to beat the shit out of the bug with the nearest baseball bat. Joe smashed the thing against the wall, and it just kept going, and going, and going... Joe also swears he has seen it wearing my Warren Moon shirt. If it's a biology experiment gone wild, can I sue the Institute? If it's not, can I somehow make money out of this, anyway?

To add to the list of new clubs, the Caltech Texans Club. If you're interested, drop me a note in box 853. *Remember the Alamo!* Re-

member the Goliad!

Now it's about time for a top ten list, so here goes.

Top Ten Things to Blame on Pageboys:

- 10) Missing Daihatsus
- 9) The earthquake this summer
- 8) Damned near anything.
- 7) Things that go, "boom!"
- 6) The hole in the ozone layer
- 5) Fleming not having the Interhouse Trophy
- 4) Any random harassment charge
- 3) Magic being HIV positive
- 2) All DAPAC violations
- 1) "Free Dave Goldberg" signs in Tommy's lecture hall

"It's those damned Pageboys, again!," came the cry from Parsons-Gates. "First it was Syndicate; now it's Blackened. Why can't they troll off in their own little world and let us run this school the way we want. Prestige comes first at this fine institution of learning. Just look at us. We've got a \$14,000/year tuition even though we don't need it. We've got the most difficult, incomprehensible math textbook ever conceived by man, and all of our students are required to decipher it. We've got the most wicked EE weed course on the planet because we don't dare admit that we don't have the facilities or personnel to accommodate all of those who want to be EE's (and God forbid we should spend money to get more). Who cares what they want, anyway. This is OUR school. We hold a conference every year so we can insist to everyone that we consider our students' opinions. We even built them central mailboxes so they can fucking socialize! Now they want us to, "Free Dave Goldberg!" We almost had him free of this place until they stuck their collective two cents in. We like Dave, and we almost had him sent off to a school where the administration cares and listens, but NOOOOOOOO! Those damned Pageboys had to make noise about all of it. If they'd all just shut up and be pee-on assistants for profs and grad students to glorify Caltech in the name of science, we'd be a lot happier."

I'd be a lot happier if there was an Institute brothel, but you don't always get what you want. But you just might find, if you try, you get what you need. I could go on forever, but the sight of a computer screen grows tiresome. Party on, Techer!

-A sick bastard

LLOYD

A recent paleontological expedition (led by disillusioned physics majors) has compiled a list of previously unknown Lloyd house Flora and Fauna. Below are some of their more noteworthy discoveries:

Glommus Heatherius — This species is the largest and most easily spotted of the genus *Glommus* in all of Lloyd. It is a symbiotic conGLOMeration of a surprisingly large number of (otherwise uninteresting) lifeforms centered about a single, tiny entity. The sheer size of the *G. Heatherius* complex (in contrast to its central attractor) is an impressive sight to behold. Other species in the genus *Glommus* include *Junus*, *Lislaus*, and *Sockus*. These latter species differ in the respect that they vainly attempt to discourage glom formation.

Academius Surveyus — the *Academius Surveyus*. Species is most often seen (caught?) observing the aesthetically gifted members of Lloyd house. In their defense, they sincerely believe that the end justifies the means.

Additionally, several aquatic lifeforms were discovered inhabiting Lloyd house among which are:

Aqueous Rohitius — Large, aquatic lifeform with unusually hydrophilic habits. Whenever *A. Rohitius* becomes too dry, it proceeds to bang on tables and make stupid announcements until it receives its life-giving water.

Sammus Hottubbus — Another aquatic lifeform which is unlike *A. Rohitius*, in that *S. Hottubbus* demands hot, bubbling water to satisfy its needs; moreover it prefers its water AFTER dinner.

Aqueous Upperclassmanus — This well-appreciated species is often seen exiting from the showers.

Nathus Dryuss (common name Nate the UNShowerable) — Another species with an aversion to water (see Incredible Hulk).

Phonus Froshus — Dull-witted creature which has an uncanny nervous response to bell noises. It will repeatedly answer the telephone (no matter how important a task it must abandon to do so) even though it NEVER gets any calls.

Phonus Froshus Obnoxious — Slightly wittier subspecies of *Phonus Froshus* responsible for hassling anyone clueless enough to call Lloyd house at seven in the morning (or anytime everyone's busy).

Haremius Sonnius (the shy and retiring

Molg) — Only known stable form of the molg. Other molgs have been observed briefly flitting in and out of existence around Lloyd like meteors.

Rippus Vanwinklus — The existence of *Rippus Vanwinklus* has only recently been confirmed, and not much data has been collected on it since observation requires staying up twenty-four hours a day to catch the brief moments when it emerges from its lair to feed.

Humanus Weaponus — A normally placid and good-natured species which can become quite violent when provoked by words like "Munchkin," and "Jeffy." *H. Weaponus* has a strong aversion to water, and it will display amazing ferocity to avoid immersion.

Pilarus Breakfastus — Benevolent member of the Lloydie ecosystem which provides food to other lifeforms in the early morning hours (usually *Rippus Vanwinklus*).

Cuttus Throatius — Predator lifeform most easily spotted by its colorful plumage (or "sock"). Possesses great strength from lifting heavy textbooks. Can become violent if kept from its studying lair for too long. *C. Throatius* can produce glaring spikes in otherwise smooth bell curves.

Felinus Gaskellus — Rare member of the cat family with long, brown hair which weighs in at over one hundred pounds, but is nonetheless, quite thin. Aside from its distinctive "meow," *F. Gaskellus* can mimic other sounds that it hears (such as Andrew LLOYD Webber musicals).

Reclusivus Charlius — Similar to *Rippus Vanwinklus*, *R. Charlius* has only been observed for brief moments as it ran from its den to the bathroom and back, or when the Pizza Man comes.

Smellius Dontaskus (*Whatitisius*) — Amorphous, voracious, and, above all, foul-smelling glob of God-knows-what which germinates in room 121 before migrating to another house to spawn.

Housequotius Sourcius — see *Glommus Heatherius*.

Froshus Cluelus — Much less common than asserted by some researchers, these bewildered little souls nonetheless wander the campus, uttering pitiful calls of confusion.

Camerus Christiis — Cybernetic organism permanently interfaced with a Nikon F-3. Is an important research tool in gathering data on other Lloydies.

Insomnius Hyongus — Alter ego of *Rippus Vanwinklus*. Can be observed at all hours of the day (and night). Reports of actual sleep by this organism are unconfirmed (and probably untrue).

Insomnius Aaronus — Scaled-up version of *I. Hyongus*. Forages nocturnally at Jack-in-the-Box.

Martinius Waughus — Although no sightings have been confirmed, the eerie call of this reclusive creature has echoed through the

halls of Lloyd for years.

Algorithmus Sexxiis! (common name Chain Woman) — One of the more popular of the Lloydie lifeforms, it has bemused a large number (perhaps as many as the fabled *Glommus Heatherus*) of Frosh with her (dare we mention it in public) shamelessly seductive C code.

Popus Altitudinous — Known for its ability to climb stairs, hills, trees and round, white buildings, *P. Altitudinous* prefers life in high places, but it requires occasional watering (well, more than occasional really, but he doesn't have to like it).

Arachnidius Palsius — Can easily be singled out around the pool table by its immensely distracting technique. How it actually sinks anything is as uncertain as the origin of *Offcampus Bizarus*. A naturally helpful species, it is quick to point out whenever *Popus Altitudinous* needs watering.

Lloydus Amazonius — And we mean that in the nicest way (well not really, but we have to say that—OWW! Hey! Stop it! We were just kidding...)

Baronius Candleus — A creature of outstanding endurance, is known to "do it" from one 'til five EVERY DAY!!!

Iceus Coldus — What happens to water when it gets too cold.

Iceus Inshirtus — What happens to *Iceus Coldus* whe *Glommus Heatherus* is an easy target.

Boccus Talkus — Rare (but still too common) species, that is persistent in the face of all discouragement.

RAus Bellus — This species den is easily locatable by periodic bell-noises emmenating from there, sometimes attracting a *Phonus Froshus*.

Other species which have been spotted around Lloyd house are not actually natives but visitors from other houses.

Offcampus Bizarrus — No one knows the origin of this species (and no one really cares). Words like "eccentric," "weird," "strange," and "Oh-my-God-what-the-hell-is-he-doing!" fail to describe this (fortunately) rare beastie.

Scurvius Stealthius (common name Ninja Tom) — Exceedingly difficult to study, this rare and timid critter is believed to possess the power of teleportation, as it appears and disappears at will to confuse and annoy its observers.

Moleus Hierarchus (common name: "small-nosed bureaucrat") — Originally thought to be a single lifeform, *M. Hierarchus* has been determined to be a "committee." Like all committees, it tends to reproduce rapidly (by fission) without significant accomplishment.

Ruddius Smellius — need we say more?

Pageus Boyuss — By far the most common

of the non-indigenous Lloydie lifeforms, it came to Lloyd through a strange process known as social-membership-application. Some members of *P. Boyuss* possess incredible card-playing abilities.

Phlegmius Reddus —This non-native scavenger often intrudes on the Lloydie ecosystem to obtain toilet paper, Rudd refuse, or furniture. Lexicographers believe that an ancient typographical error caused this species to split off from a more ancient line of lemmings.

Pleasus Dontus BOccus —Shy and well-meaning little creatures who would never want to offend anyone with anything they write; they should NEVER be taken seriously!

DABNEY

In this new age of political correctness, the average student needs to know a few things in order to get by. So I proudly present to you: A College Students' guide to political correctness.

The first subject that we will cover is words. This may seem like a simple subject at first but don't be deceived! In the new political climate your words speak louder than your actions for they belie your true intent.

Now everyone knows that the handicapped are not called that, they are merely physically challenged. And those people who serve you food are not waiters or waitresses, but rather the neuter watrons. I say we should extend this into other areas of our lives.

1. People should no longer be called nerds, they are the socially challenged.

2. People are not stupid, they are mentally challenged

3. Druggies are a thing of the past. The chemically challenged is what we should call them.

4. No longer will you feel bad about your GPA, consider yourself academically challenged.

5. Sexuality is also taken care of because if your having a trist, your not a mister or a mistress, but a matron.

6. I going out on a limb for this one. I claim the he/she contraction will finally enter the spoken language and we'll all refer to each other as heeshe. This will cause some confusion at first, but I feel the response of "Bless you" will subside eventually.

7. No longer can we refer to such racist sayings as "a Chink in his armor" or "the pot calling the kettle Black" or even "A Spade is a spade." New sayings with no reference to race will have to be developed.

8. No more politicians, they are the men-

tally challenged.

9. Drop that Ham and Cheese on rye! Get yourself some turkey on Caucasian.

As you can see our lives will become more fulfilling and enlightened. Think about this stuff and get back to me on it. I'll be back next week for more advice on how to be that new, energetic, sensitive guy o' the nineties. Later.

—roberto

FLEMING

Many years ago, there was a weekly column in the Tech called "Chris is Pissed" written by one of the editors at the time. I kinda miss that column because he would basically complain about anything and everything at Caltech. However, in this day and age, we must be aware of "Political Correctness." Thus, in the tradition of maintaining entertainment excellence while being socially responsible, I faithfully submit:

Chris Is Mildly Perturbed

Remember Rotation? Sure you do. Six weeks ago, right? Well, I still get *first-year students* saying, "You're a Flem? But you're not an [derrogatory term referring to a part of one's anatomy]!!!" By golly, it's really *inconveniencing me* to hear these surprised comments this far along in the term. Speaking of comments, here's something I compiled from lunchtime conversations the past couple weeks:

Top Ten Reasons Fleming is Finer Than the Other Fine Houses

10. We have the most students who eat Ath food instead of board food.

9. Our computer room is not worshipped.

8. We prefer a day at the beach instead of a night underground.

7. A sprained ankle is the more common foot ailment compared to glass cuts.

6. Some people actually adhere to DAPAC.

5. We love our RA and are nice to the RA's in other houses.

4. Breathing can be done in our hallways without choking.

3. When administrators approach us, we have nice conversations.

2. We try to get along with the people we elect.

1. The word "Ho" is used correctly and respectfully, referring to only one person.

Golly, wasn't that just super? It reminds me of that Simpson's episode when Itchy and Scratchy are actually nice to each other. Gives me that warm 'n huggy feeling.

Shouldn't we have more Inside Worlds like this, where we can have fun by promoting ourselves without slandering or insulting anyone outright?

Well, I'm still a little *irritated* because I *didn't perform as well as I usually do* on a midterm. You know what helps? Running up a huge balance on my credit cards. Although it hurts a month later, it really feels good in the meantime. Speaking of hurting, how would it feel to be in the following social situations, neither of which would ever, ever really occur at such a wonderful institution of higher learning such as Caltech?

The Nightmare for Guys:

Guy: Hey, could I see your notes?

Gal: Well, will other people see us?

Guy: Huh?

Gal: If we're not careful, my housemates will see me alone with you. And if that happens, people might start thinking things!

Guy: It's just notes...

Gal: We're just friends, and if anyone got the wrong idea, that would be bad!

Guy: What?

Gal: And I reserve intimate times like these for a boyfriend I'll have someday. Plus my parents think it wouldn't be prudent if I went out with a guy so seriously at this stage of my life...

Guy: Nevermind...

Oooh. Scary, huh? Isn't it a great relief that this could never happen at Caltech in today's society? But how about the next completely hypothetical situation?

The Nightmare for Gals:

Gal: Excuse me, where's the ...

Guy: What? Wait. You're actually talking to me? Does this mean I'm safe? Wow! I never knew it was so easy to be safe!

Gal: Huh? I was ...

Guy: You like me, right? I knew it. It's my great personality, I bet. I've never had a girlfriend before...

Gal: Whoa. All I ...

Guy: ...and then you can meet my parents and then we'll spend vacation together and then...

Gal: But where's the...

Guy: ...and after that we can watch the Twilight Zone marathon and the...

Gal: Nevermind....

Guy: So how about a kiss, honey?

Wow. I'm so glad this is totally foreign to everyone who now attends Caltech. You know, as a senior I feel it is my duty and obligation to pass on advice to underclassmen. I don't know about the gal's nightmare situation, but the guy's version is certainly a *real discomfort to one's self*. Going through it once is very bad luck; going through it

continued page D

Fleming from page C

many times with the same person is just plain stupid. Believe me, I know this from experience, and indeed, I was being very, very stupid!

Well, that should do it for my first Inside World. Wait, what's this? Someone's yelling something out in the courtyard in a very loud voice. It sounds like...well, it's, um,... well, in translation it's....

a leaf of a book, letter, or manuscript drawing in by or as if inhaling!!!

(Somehow I get the feeling that this "Politically Correct" concept really *leaves much to be desired* on certain topics. What do you think?)

P.S. I almost forgot to mention that as the *responsible* upperclassman that I am whom the underclassmen *look up to with great admiration*, I must also help them *expand their horizons in other aspects*, including music. Don't forget, the Big Red Album is now available so that all Fleming House members may share in the celebration of our wonderful and glorious house and its traditions. It's simply a musical collection that *emphasizes the peaceful and brotherly love we share with all the other fine houses*.

—Ho Boy

RICKETTS

Alley Wars, pt. 1

The early morning mists rose slowly from the body-strewn battlefield. The rebellious Snerc Alliance had been victorious, narrowly repelling a night-time assault by the rest of the Ricketts Confederation. The engagement had been hard fought on both sides. The Alliance had been forced to give ground under the ferocious onslaught of the black-faced Crud Raiders, until Sergeant Roto-rooter of the Alliance mustered his now officerless unit and led a counter-attack on the enemy's left flank. The battle turned into a rout as Confederation forces fled before the giant, scarlet-clad warrior.

As Greg Ellery Tad Complete Doofus Francis Xavier Hale, Archbishop of Herc, performed Last Rites for those slain during the battle, the Alliance General Command held a strategy session. Major General, and self-proclaimed King of Snatch, Brian Chafin opened the meeting.

"We're in trouble, folks. We stopped them last night, but the victory was costly. Our casualty count was far too high. At this rate, we won't be able to last through the winter. And that is not all. Major Danlip and his

entire unit were captured by President Nate and his Crud Raiders. As you know, Danlip was our liaison with the sympathizers in Dabney. Without him, we might lose their support, support that has never been more critical. The Confederation has more men, more weapons, more experience than we do. Most of their army consists of veterans on the Tech Wars; we are depending on green recruits. Their Funnelator Artillery Division has inflicted massive losses on us. Our troops are forced to retreat at almost every engagement. Most of our southern strongholds are besieged by troops brought in from Cherry. If it weren't for the supplies smuggled in by the Darbs and our agents in Cherry and Prexy, we would have lost already."

"Why don't they just leave us alone? That's all we want!" growled Colonel Wills, the chief of the Alliance Secret Service.

"You know that they treasure our computing and füsball facilities. Many of their citizens would not survive without them," said Paul "The Mouse" San Clemente, Duke of Herc.

"Well, I do have some good news," announced the Viceroy of Snatch and Alliance Minister of the Interior, a shadowy, mysterious man known only as "Sunshine." "I have received word that the IHC is about to impose a blockade against the Coalition. It is tired of the violence. It believes in peace and happiness for all men, the silly goofs. In addition, it is afraid that a prolonged war in Ricketts will destabilize the newly freed nations of Northern Holliston. I think that Colonel Wills has a analysis of the effectiveness of such a blockade. Joanna?"

"Well, a blockade would have to hurt the two most powerful Coalition members, One-Holer and Crud. If they can be forced to concede, the other members won't be able to continue. They will never allow the others to give up without them, however.

"Unfortunately, Broken Cherry and Blacker have always had an extremely friendly relationship. We can expect that the blockade will exist on the Blacker/BC border in name only. As for other members of the IHC, the Coalition's relationships with Fleming and Page have never been cordial. They probably welcome a chance to rearrange the balance of power in this region, in their favor, of course. Llllloyd and RUD-DOCK will uphold the blockade, even if only to avoid the appearance of impropriety. Dabney has been divided into two factions over us for some time. With the capture of Danlip, my department expects that there will be a stalemate there, with neither factions willing to do anything. Also, Up Your is starting to protest the rest of the Coalition's treatment of us. We don't think they will give any further aid to the war effort, but neither do we expect them to hinder it.

Our situation under a blockade shouldn't change much. The supplies are still coming is from the Xyxyxyxstus group in Cherry and the Delfraté group in Prexy. The men and women smuggling them over the border should be commended for their daring, especially Mike Thomas, captain of the ship, *The Rabid Skittle*."

"So world opinion is in our favor, but no one is willing to stick their necks out to help us. It's business as usual," griped Captain Cormack, adjutant to the Duke and resident of the tent where this meeting was taking place.

"I have a suggestion," inserted Colonel Wills. "I say we should stop fighting this defensive action. Take the war to them! If they see their own citizens being cut down like rabbits in a Mary Kaye factory, they'll have to come to terms!

"I have a plan that my department has formulated. I propose that we send Lieutenant Rodriguez-Et-Al and her commandos on a raid into Broken Cherry. If we destroy the Coalition Treasury there, they won't have the money to feed their army, much less arm it. Almost all of their national wealth is stored there. The capitalist pigs who are funding this war will be flat broke!"

"We don't dispute that you have the most experience in terrorism of any here, Colonel, but why Rodriguez-Etc-Etc-Etc? Surely, we have better trained agents," asked General Chafin.

"That is true, but none have the killer's instinct of the vicious "Birthday Girl Massacrer." Unless, of course, you've been able to contact the legendary Carrot?"

"We are afraid that we have so far failed in that task. We have not even been able to contact the Masked Arachnid of Justice. Alright, I have no objections to your plan. Does anyone else?"

The rest of the group sat calmly as they contemplated a mission that would probably send five good men/womyn/persons/beings/things/lumps of clay to their deaths. One by one, they silently nodded their assent.

"OK, then. Colonel, wish the Lieutenant best of luck from us. Ladies and Gentlemen, let us adjourn; there is a war to be fought."

And so the war continued.

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ENTERTAINMENT

Music Review

Lloyd Cole—Don't Get Weird On Me Babe

Lloyd Cole has recently been receiving rave reviews from college radio stations, with praises for the originality of his lyrics and the unique sound of his music. His latest release is being touted as something of a standout for the past year.

Well, okay, so this review is a little late. But the CD was sitting around lost between Sinatra and Nanci Griffith, which didn't exactly help when I was looking through the pile of music accumulated over the summer. And let's face, Lloyd Cole didn't exactly help very much by having a rather bland picture placed on as a cover.

Which brings me to the point: for all intensive purposes, Don't Get Weird on Me Babe seems on the outside to look like the product of an average garden-variety guy from England who thought he could do some American disenchantia. In a way, the album is reminiscent of Dan Quayle: mainstream, ordinary, and not very exciting to look at.

But that's on the outside.

Once the the listener manages to get past the first few selections and starts picking up on the artist's emotional levels, the songs start flowing in a rather continuous moody flow. At this point, the CD starts living up to the hype.

The music essentially all centers around the themes of love, break-up, and romance. In its run of 14 songs it manages to touch on the problems and joys of a "boy-meets-girl" encounter, paging through the many scintillating aspects of modern relationships. While this is

certainly nothing new, it is nonetheless presented in a manner which is both thought-provoking and soothing, with Coles' voice communicating in a pensively intimate tone that manages to place the artist in a distant perspective from his subject material.

The music itself lends an evocative presence through the lyrics, with its subtle shifts from guitar-based sets to near-classic pop orchestrations providing a cohesive connection between songs. At times I wondered if I were listening to a Mekons wanna-be or a Neil Sedaka 8-track. Even more intriguing was the fact that it all seemed so respectable, tasteful, artistic. In many ways, the arrangements were almost as fascinating as the words.

Standout songs include "Weeping Wine," "Pay for It," "She's a Girl and I'm a Man," "There for Her," and "Margo's Waltz."

As good as all the reviews of this CD have been, however, there should definitely be a caveat: this is NOT a happy, jumpy love-obsessed album. It's almost melancholy in its outlook, in a rainy day sort of way.

But then again, it's like a hopeless romantic once said to me: "You know, if all you can think about on a nice, soft rainy day is how wet it is, then you wouldn't understand love...and you probably never will."

Rating: Good
Performance: Good
Recording: Good
Comments: Not dazzling, but then it wasn't meant to be. Perfect for those wry, mellow moods.

This Week

Ice House, Pasadena

Multitalented Steve Altman, comedian/juggler Chriss Bliss and comic Chuck Martin will appear at the Ice House November 20-23, 1991.

Comedian, actor, musician Steve Altman says, "They all laughed when I said I would be a comedian. Well, they're not laughing now." Altman has, "a wealth of talents that overwhelms the audience with a powerhouse, high energy one man show."

Chris Bliss has opened for the Jackson's Victory Tour, Julian Lennon, Asia, and Joan Jett. His "spectacular choreographed juggling act to rock music is just a grand finale to a slew of sharpwitted observations."

Young comic Chuck Martin "may look like a nerd, but his clever comedy overrides his looks and has landed him two 'Tonight Show' appearances."

Show times are 8:30 p.m. Monday through Friday, 10:30 Friday nights, 7:30, 9:30 and 11:30 p.m. Saturdays. Cover charge is \$7.50 Monday through Thursday, \$9.50 on Friday and Saturday, and \$10.50 Saturday at 9:30. There is a two drink minimum for all shows. Call 577-1894 after noon for reservations.

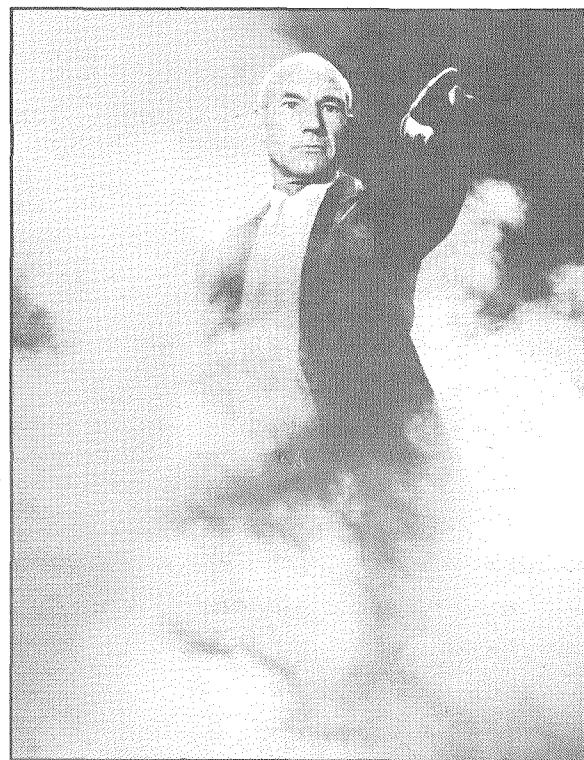
Coleman Chamber Music Concert.

The Ames Piano Quartet will perform Mozart's Quartet in G minor, K #478; Martinu's Quartet; and Fauré's Quartet in C minor, Op. 15 in Beckman Auditorium on Sunday, November 17. Call 356-4652 or (800) 423-8849 for more information

Patric Stewart, perhaps better known as Captain Jean-Luc Picard will give a dramatic reading of Charles Dicken's "A Christmas Carol" on Saturday, December 14 at 8 p.m. and Sunday, December 15 at 3 p.m. in Beckman Auditorium.

An Associate Artist of the Royal Shakespeare Company for more than 20 years, Stewart is a classically trained theater actor, and has played such roles as King John, Touchstone, King Henry IV, Oberon and Prospero. He has also played parts in the films, "Dune," "Lady Jane," and "Hedda."

Tickets to the concert are \$27.50, \$25.00 and \$22.50. Caltech students (with I.D.) can purchase half-price tickets in advance and \$7.50 Rush Tickets beginning on Friday, December 13 (subject to availability). Tickets can be purchased at the Caltech Ticket Office, located just north of the Beckman Auditorium parking lot. Call campus extension 4652 for information.



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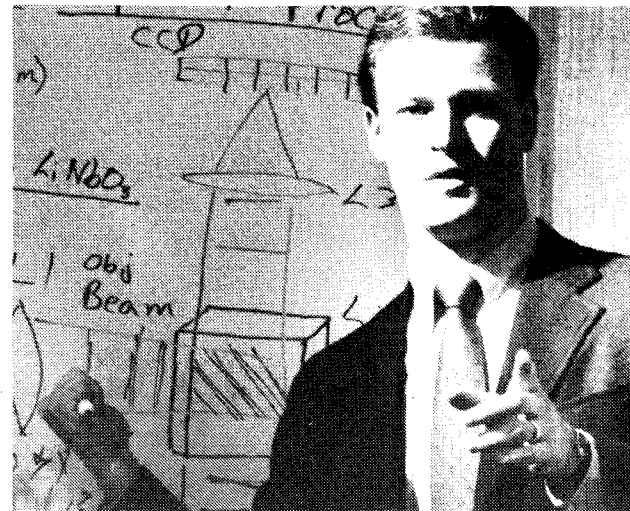
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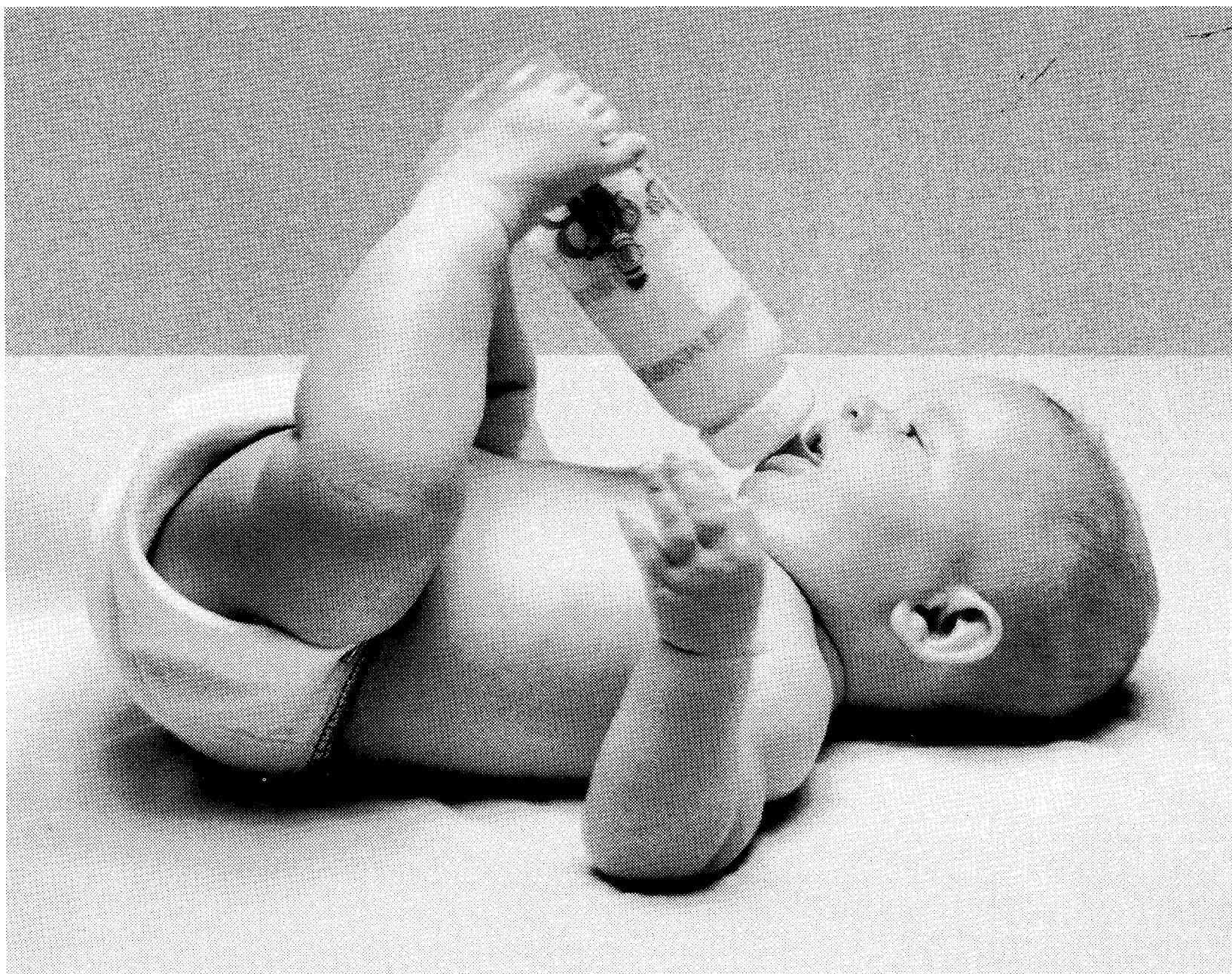
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what goes on

Ugly Dachshund
Theater Arts at Caltech will present *The Ugly Dachshund* on November 22, 23, and 24 in the Winnett Student Center lounge.
This adaptation of G. B. Stern's 1930's novel about a Great Dane with a most unusual view of the world is being presented by special permission of the Disney Company in honor of the Centennial. The humor of the story, though never vulgar, is aimed at adults rather than children.
Presentations will be at 8 PM on Friday, 2 PM on Saturday, and both 2 and 8 PM on Sunday. Tickets are \$5 for general admission and \$3 for students. They are available from the Ticket Office or at the door. Call x4652 for further information.

Women's Glee Club
The Women's Glee Club gratefully acknowledges the contributions of the following donors towards our 20th anniversary tour to Boston in March:
James Mingos, Teri Watanabe, Ward and Mary Lou Whaling, Jerry Willis, Rosana Gatti, Alice Petrie, Georgia Morton, Barbara Green Volckmann, Bill and Delores Bing, Lynn and David Shaw, Barbara Wirick, Judith Goodstein, D.J. Stevenson.
If you have not received a copy of our "Boston Tea Party" poem, or would like to help the Women's Glee Club fly to Boston, let us hear from you at Mail Code 2-58.

Toy Bowl
Be apart of the Seventh Annual Toy Bowl on November 16 at 12 noon where the Battlin' Beavers will take on the El Toro Marine Corps Air Station team in Fox Stanton Stadium at Caltech. Admission is free, however a "Toys for Tots" donation is requested.

Gay, Lesbian Discussion Group
Meetings are the 1st and 3rd Tuesdays of each month from 7:30 - 9:30 PM in the Health Center. This confidential meeting is open to all members of the Caltech community. The first hour is devoted to discussion of a specific topic, and the remaining hour is open for general conversation and socializing. Refreshments are served. For information please call x8331.

Holography Exhibit Party
The exciting holography exhibition, *Images in Time & Space*, is leaving 377 S. Oak Knoll in Pasadena and moving to its new home in Burbank. Until November 21, *Images* is offering a special admission price of \$1.50 to all Caltech students, faculty, and staff as a going away present.

See the L.A. Kings
The Caltech Canadian Club is organizing a trip to go see the L.A. Kings play the New Jersey Devils on Saturday, November 30. If interested in joining us, call Derek Surka at 795-2953 by Sunday, November 17. We are also organizing a four-man ball hockey league open to all members of the Caltech Community. To register a team or for more information, call J.P. Kovalik at 578-9755.

Scholarships
The Financial Aid Office has applications and/or information on the following scholarships. Our office is located at 515 S. Wilson, second floor.
The American Society of Heating, Refrigerating, & Air-Conditioning Engineers (ASHRAE) is offering a grant of \$2,500 for the '92-'93 academic year to a full-time engineering student in the final two years of undergraduate study. The applicant must have a GPA of 3.25 or above. The deadline for applications to be received by ASHRAE is Dec. 15, 1991.
Applications are available for the National Academy for Nuclear Training Scholarship Program for the '91-'92 academic year. Applicants must be a US citizen or US national, must have a minimum GPA of 3.0 and must have remaining at least one but no more than three academic years of study. Postmarked deadline for receipt of scholarship materials by the scholarship program is Feb. 3, 1992.
The Society of Women Engineers is announcing its 1992 Spring Scholarship program. The scholarships are open to women majoring in engineering with a GPA of 3.5. Applications, including supporting materials, must be postmarked no later than Feb. 1, 1992.
The Mensa Scholarship Essay Contest is here again. The essay should present clearly and concisely the applicants academic, vocational, and career goals. The only requirement is that the student be enrolled at an accredited college/university for the 1992-93 academic year. All entries must be postmarked on or before Jan. 31, 1992.

Introduction to Asia
Frosh looking for a Frosh Hum to take next quarter will perhaps like to know, before they leap, that the Hum 9a class to be offered Tuesday 2-4 PM and Thursday 3 PM will be devoted exclusively to the Middle East, with particular attention to the Israeli-Palestinian question. Instructor: Fay.

Free Wind Ensemble Concert
The Caltech-Occidental Wind Ensemble, featuring James Blinn on trombone and John Brugman on flugelhorn, will give a free concert Saturday, November 23 in Ramo Auditorium. They will play the music of Leonard Bernstein, Edward Elgar, John Philip Sousa, and Leroy Anderson. For further information, please phone x4652.

Rose Parade Seats
See the Rose Parade with seats and a continental breakfast provided by the Caltech Women's Glee Club. The seats will be across the street from the Pataya Cafe at 1525 E. Colorado Blvd. on New Year's Day, 1992 at 8 AM. Tickets are \$30.00 and orders will be taken by mail only. Proceeds will provide scholarship help for the Women's Glee Club 20th anniversary trip to Boston in March, 1992. Checks must accompany order and must be received no later than Dec. 20. Make checks payable to Caltech Women's Glee Club and mail to WGC, Rose Parade, Caltech 2-58, Pasadena, CA 91125.

Dinner With The Master
The Vegetarian Dinner with the MOSH has been moved to Thursday, November 21, 6 PM at the Master's House. Call Jeanine at x6194 to reserve a place for yourself.

Announcements for What Goes On may be submitted on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Announcements should be 75 words or less. Indicate the date(s) the announcement is to run. Announcements for the current issue must be received by 5 pm Tuesday. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

SEDS Meeting Tuesday
Caltech SEDS will be holding a meeting on Tuesday, November 19 at 7:30 PM in Winnett Clubroom 1 (note the new location). The meeting will feature a talk on the National Aerospace Plane, given by Mr. Anthony DuPont, president of DuPont Aerospace Corporation. We will also discuss plans for future events, such as tours and our end-of-term ice cream social, as well as updates on our Get Away Special projects, education programs, and national events. For more information contact Jeff Foust at 449-1345 or jafoust@cco.

History of Science Seminar
Dr. Alexi Assmus from the Department of History of Science and Technology at U. C. Berkeley will deliver a talk on "The Creation of Postdoctoral Education and the Sightings of American Scientific Research" at 4 PM Wednesday, November 20, 1991 in the Judy Library, Baxter Hall.

L/Lit 160b, German Literature
The rise of fascism in Germany produced a migration of some of the greatest minds of Europe to many parts of the world. A great number of German artists and intellectuals came to America, and they greatly enriched our country. Among them were many writers - the most famous of them settled right here in Southern California.

This course deals with their literary production while living here, as well as their problems of adjusting to a new culture. We will investigate the exile works of Thomas, Heinrich and Klaus Mann, Bertolt Brecht, Lion Feuchtwanger and others, trying to learn more about these dark days of German history, and to ascertain how the writers' exile experience influenced their literary production, and how they related to the intellectual climate of their host country. We will be viewing a number of films pertaining to the subject and offer a slide presentation dealing with exiles in Southern California.

Fun Fund Is Back
The Don Shepard Fund gives undergraduates the opportunity to do something fun that they might not otherwise be able to afford. Each award is worth \$25. It can be used for a nice dinner out, to see a play, hear the symphony . . . whatever you'd like as long as it has some socially redeeming value! If you're not sure, ask us. If you are interested, sign up in the DRI/MOSH office. We will pick the winners randomly, then reimburse them up to \$25 when they bring us the event receipt. Deadline to sign up is Wednesday, November 20. Names of winners will be posted on Friday, November 22. Winners will have until February 1, 1992 to use the award, at which time more awards will be given. Good luck!

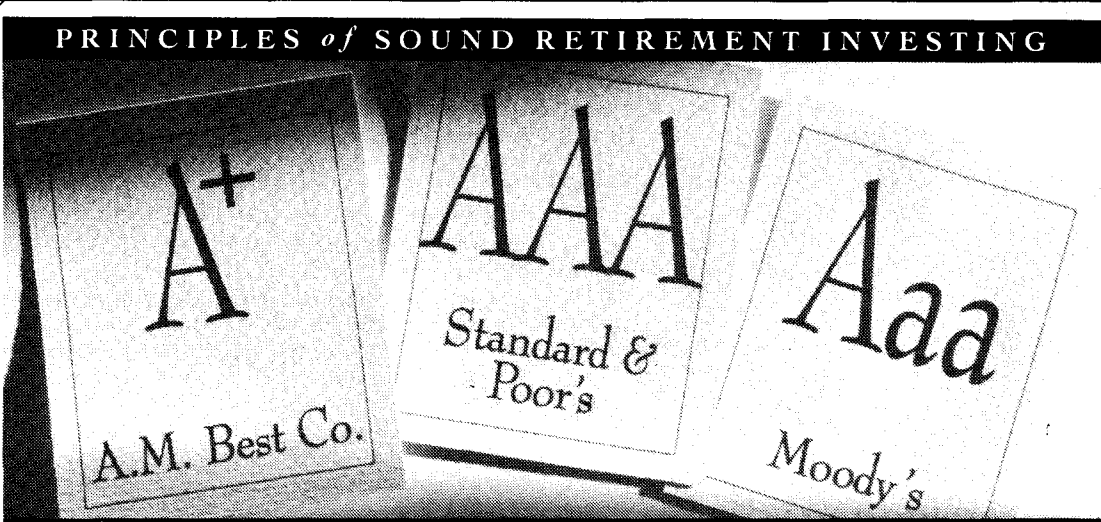
Be In The Top Ten
Caltech women juniors are invited to participate in *Glamour* magazine's 1992 Top Ten College Women Competition. The prestigious competition honors college juniors of outstanding achievement. A panel of *Glamour* editors evaluates candidates on the basis of leadership abilities, personal involvement in community and campus affairs, and academic excellence.

Ten winners will receive national recognition in the October 1992 issue of *Glamour*, a \$1000 cash prize, plus an all-expenses-paid trip to New York City to meet with top professionals in their field.
Contact the Dean of Students Office for information. Deadline in January 15, 1992.

Hellenic Association
Recently the Hellenic Association was formed by a group of Caltech students. Anyone with an interest in ancient and modern Hellenistic (Greek) culture, who likes speaking Greek and organizing and partaking in events promoting Greek traditions is welcome. For further information, contact John Lambros at x4530.

Muslim Prayers Held
Friday prayers will be held in the Y lounge at 12:30 PM sharply. If you have questions, contact Asim Mughal or Shameem Hashmi at 564-1701.

Into the Streets
The Caltech Y is sponsoring the Into the Streets community service fair in the Winnett Quad from 12 - 4 PM. Come on by and see what volunteer opportunities exist in Pasadena and surrounding communities.



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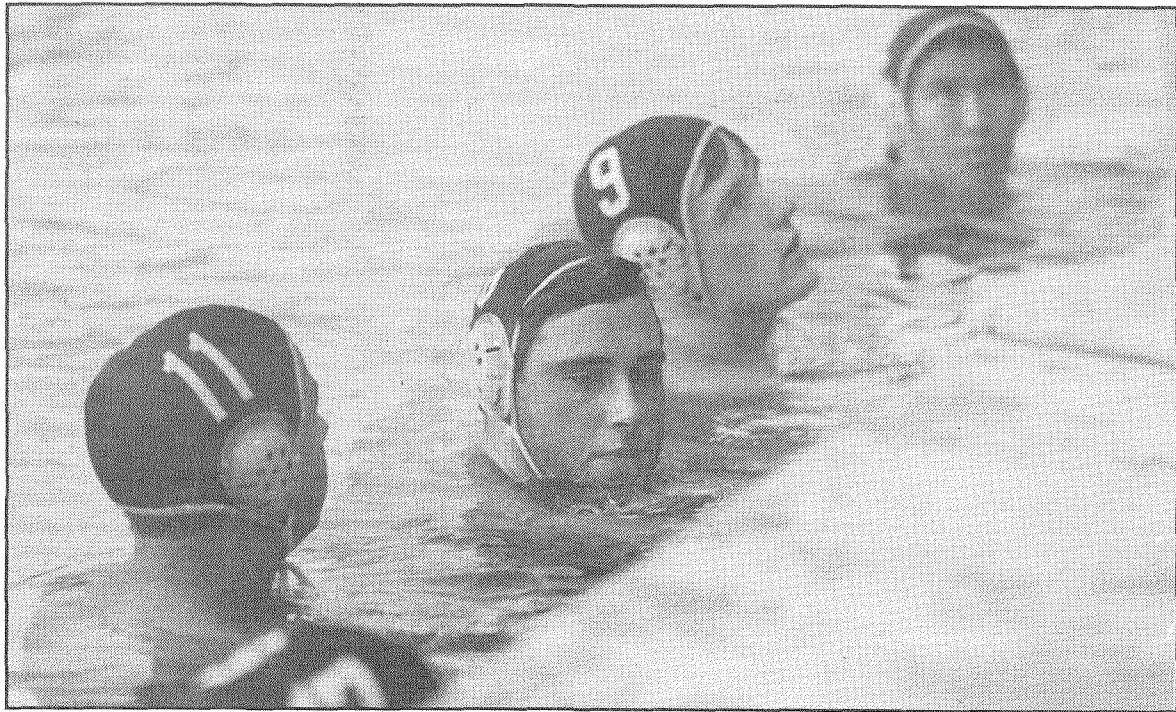


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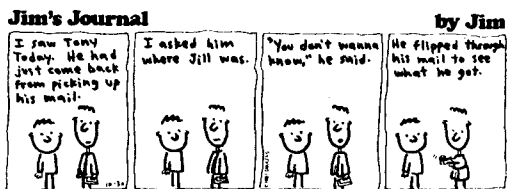
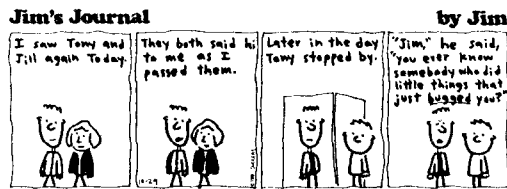
SPORTS



Caltech Water Polo team members Derek Surka, Tim Firman, Alan Kulawik and Mark Savellano (left to right).

Toy Bowl from page 4 of veteran Beaver team members as it marks the final game in several illustrious Caltech football careers. Seniors who hope to escape this year are Brian "Blondie" Duchovnay, David "Scooter" Ross, Steve "no-socks" Harkness, Ari "Sugar" Pine, and Fred "Too Tall" Sloneker. In addition, the rumor mill is abuzz with news of the impending retirement of veteran gridders Don "tape and go" Thomas, Jimmy "Mr. football" Moore, Daren "Hands" Casey, and Raul "no pain, no gain" Turcios. Perhaps all that these gridders need to inspire them to play another year is a big victory in front of a standing room only crowd! All die hard Beaver fans

know that the contributions of these players is hard to measure and their exploits on the field will be missed. All those familiar with Beaver football this year will agree that the season has been frustrating. Still, the Beavers are looking forward to a chance to vent their frustrations and anticipate a resounding victory over the marines this Saturday. The marines claim they will bring "busloads" of fellow jarheads to root for their team so we need as many Beaver fans in attendance as possible to force the marines fans into the cheap seats. Help set a stadium attendance record, experience club football at its best, and remember to bring a new, unwrapped toy!



Water Polo Makes a Splash at SCIAC Championships

By John White and Nick Pornsinsirak

In early morning last Friday, the Beavers travelled to Pomona-Pitzer's new Olympic size pool determined to play the best polo of their lives. Unluckily, the team was at a disadvantage from the beginning, with starter Tim "Sickdog" Maddux... out sick. The first game was against the home team Pomona-Pitzer, 2nd best team in the conference. The Beavers played extremely well in both offense and defense, getting burnt. With an effort in the hole from Jim Radford and Chris Buchner, the skim shots from Tamaki, and goal saves by Nick "the goalie," Caltech was able to keep the score close to P-P. In the beginning of the third quarter, the score was tied at 8-8. However, with faster swimmers and a more experienced team, Pitzer was able to pull away to 13-9 in the 4th quarter with three minutes left to play. Caltech moved closer by the goals from Jim Radford and Grant

Sitton to 13-11 before the buzzer went off. Everyone agreed that it was a pretty darn good start for this year championship. Nick had eight blocks only (thank to the excellent defense from all players.) Jim had four goals (before almost getting ejected 'cuz foul trouble). Tamaki had three. Chris, Grant and Mark (Savellano) each had one. And a surprising outside shot from Alan Kulawik indicated that he is not only superb in defense, but also can be a threat in offense.

The next challenge in that afternoon was Whittier. The Beaver squad had high hopes due to the morning performance, but Whittier clearly out swam. Poor Nick, had to face many one on one, or some time two on one challenges. Offense lacked communication which resulted in turnovers. Defense was good but not good enough to keep up with the opponent's offense. The final score was 21-7 Whittier. Nick had 17 saves. Jim had two goals. Chris and Grant each had a piece. There was a surprise performance by the Hawaiian Horrors in the closing

minutes: Ryan Naone with two quick goals in the 4th quarter, and freshmen Michael Ng with his first goal in water polo debut at Caltech.

The opponent early next morning was Claremont-Mudd, the best team and undefeated team in the league. Those pessimistic teammates who called a twenty point spread were surprised to say the least. Although CM outscored the Beavers 4-1 in the first quarters, the scoring from then on was even. Final score: 9-5! Nick had an excellent game with 20 saves—the most in his career in a game so far. Jim had three goals, and Chris had two. The most impressive thing about the game was the intelligent play. There was only one ejection in the entire game for the Beavers and we were able to draw five ejections from the other team. Mark Savellano and Grant Sitton put in their best effort in driving, playing an excellent all-around game. Along with good defense from Chris in the hole and Jim in offense made this game close.

Due to midterms week, many

were too tired for the last two games. It was kind of let down after playing so well against the top two teams in the league. The Redlands game was after CMS and we were burnt many times. The Sunday game was against Oxy. Although the Beavers had the benefit of having Maddux return from the dead as well as the three person cheering section from Fleming House, Oxy still came away with a clean face. The team started out slow, allowing Oxy to pull away before picking up the scoring pace. The final score was 16-6 Oxy. Nick had twelve blocks. Jim scored three, Chris two, and Tamaki one.

Overall, we had an excellent performance at the championship. Many coaches and referees complimented us on our improvement; "If only if this was the beginning of the season, there would be no doubts that we would have won more games," said coach Dodd.

Thanks to this year seniors: Tamaki Murakami, Tim Maddux, and Grant Sitton. You guys provided us such a fun year. Don't come back for the alumni game ok. We want to

win again next year. Coming back for next year as seniors are Nick Pornsinsirak, Alan Kulawik, Jim Radford, and Mark Savellano. The trio (Derek Surka, Ryan Naone, and Ellis Eckland), Keith Thompson, Tim Firman and Hans Hornstein are also big asset for next season as well as freshmen Chris Buchner, John White, and Michael Ng. Kristi McAdams, Virginie Leechnekt, Korhan Gurkan, and Ted Laurence improved tremendously after their first season in water polo. Keep it going guys.

The final stats for five games during this championship is the following: The goalie had 71 saves. Jim "the scoring machine" had 15 goals. Tamaki "the skimshot" had six. Chris "slomo frosh" an Mark "I don't have a nickname" Savellano scored four. Grant had three. Alan and Ryan had two, and Michael had one goal. It is rumored that Tim Furman and his partner took seven No Trump.

Again, congratulation to all for a great season.

Weekly Sports Results

Water Polo	November 8 November 9 November 10	Whittier d. Caltech 21-7, Pomona Pitzer d. Caltech 13-11 Claremont Mudd Scripps d. Caltech 9-5, Redlands d. Caltech 15-8 Oxy d. Caltech 16-6
Soccer	November 9	Caltech d. Alumni 2-0
Football	November 10	UCSD (J.V.) d. Caltech 33-13
Hockey	November 10	Caltech t. University of Southern California (Division I) 3-3

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