

## Amnesty International

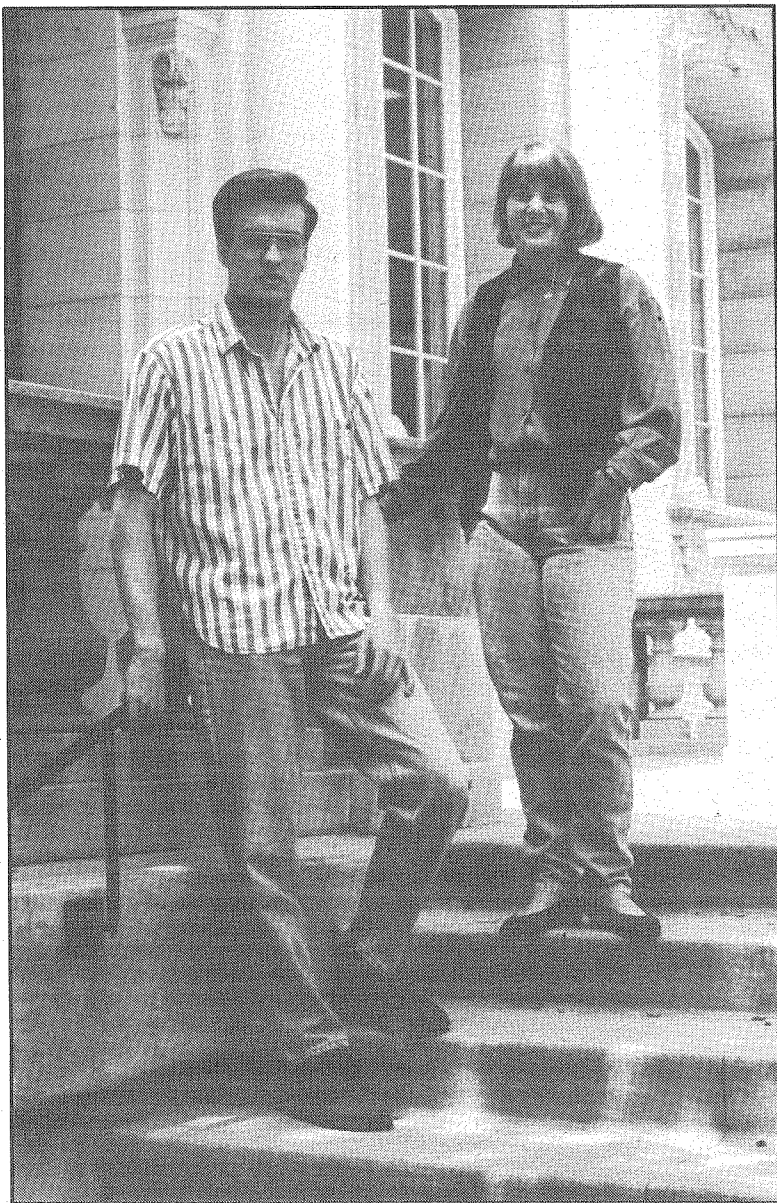
by Michael Oder

A group of Caltech and Pasadena area volunteers have revived Amnesty International Local Group 22, covering both Pasadena and the Caltech community after a more than two year recess.

Amnesty International, founded in 1961 by British lawyer Peter Beneson, was dedicated to the struggle to ensure human rights. Over the last three decades, it has expanded into an international organization with more than 1,100,000 branches and members in more than 150 countries and territories.

The organization takes actions to free "prisoners of conscience," who are people detained for their beliefs, ethnic origin, sex, color, or language, ensure fair and prompt trials for political prisoners, abolish the death penalty, torture and other cruel treatment of prisoners, and ending extrajudicial executions. AI also opposes the abuses of opposition groups such as hostage taking, torture and killings of prisoners, and assassinations. Since 1961, AI volunteers and staff have adopted or investigated more than 43,500 cases.

The local group has adopted the case of Abd al-Daim al-Wardi Ahmed 'Ali who AI claims is being tortured and detained in Egypt without charge or trial. Since the assassination of Anwar Sadat in 1981, the Egyptian government began a program of mass-arrests and detentions of members of banned Islamic fundamentalist groups. AI has documented many cases of coerced confessions and torture of detainees. Though Egyptian courts have recognized in some cases that torture has occurred, little has been done by the Egyptian government to investigate these incidents and prevent their recurrence. In adopting a prisoner, the local organization joins others across the world who write and lobby the Egyptian government to ensure that the prisoner's rights are respected and



Noland Award winners Rob Rickenbrode and Clo Butcher

end the human rights abuses.

The group also has plans to take up lobbying and monitoring of governments in a specific geographic region. They also plan to organize lectures and seminars on human rights abuses. One of the organizing principles of AI is that members and organizations work on projects and for prisoners outside of their home country, helping to protect their members from domestic political repression and ensuring a more unbiased sponsorship.

The group produces a monthly newsletter *22nd Street News* to keep members updated on the actions of the local organization. So far, the group has held two meetings and plans to meet again on Thursday, April 22 in the Y lounge. Starting at 7:15 P.M. with a short introduction, the meeting will begin at 7:30 P.M. and should be over by 9:00 P.M.

## Dervan Wins Gibbs Medal

by Caltech Public Relations

Chemist Peter B. Dervan will receive the prestigious Willard Gibbs Medal for 1993 from the Chicago Section of the American Chemical Society on May 21 at a ceremony in the Windy City.

The award, consisting of an 18-karat gold medal bearing the likeness of chemist J. Willard Gibbs, was established more than 80 years ago to publicly recognize men and women who have "demonstrated creative ability of the highest order in the field of chemistry." Twenty-two of the past recipients are Nobel laureates, including the great organic chemists Robert B. Woodward (1967), Har G. Khorana (1974), Elias J. Corey (1984), and Donald J. Cram (1985). Dervan is the sixth member of the Caltech faculty to be honored in this way by

## Butcher, Rickenbrode Win Noland Awards

by Suzette Cummings

Clo Butcher and Rob Rickenbrode will receive the Robert L. Noland Leadership awards for outstanding leadership and service to the students of the California Institute of Technology at a dinner in the Athenaeum on May 19.

As a student leader, Clo has been particularly supportive of programs that assist her peers and create a caring atmosphere at Caltech. She has participated extensively in Blacker House activities including the athletic team, the social team, and as a House Upperclass Counselor. She was also a house waiter for one and a half years. She served as a counselor at Freshman Orientation "Camp" for two years, and participated as the Y Excomm President.

Clo has been actively involved with the Caltech Y participating with activities programming, the Y hike and various volunteer programs. During this past year she has served as the ExComm President. Her influence has led to keeping socially responsible issues at the forefront of the Y agenda, as well as continually representing student needs and concerns to a variety of constituencies.

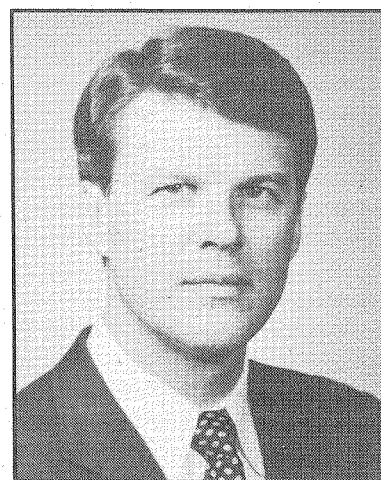
As a student leader, Clo consistently goes beyond the call of duty and takes initiative to really serve. She is committed, dependable, compassionate, and very unassuming.

Rob has held a variety of positions and served the students in many ways during his four years at Caltech. One of his major responsibilities was as President of Lloyd House where he provided strong and effective leadership. Prior to serving as House President, he was Vice President in Lloyd for a year.

Rob has been involved in service outside his house, as well. He served on the North House Rehab Committee responsible for representing student input to the Director of Residence Life for changes in the North Houses. Rob also has been an effective leader in his service with his concerns about the environment. He initiated a colored paper recycling program in his house before it became a campus-wide effort. He was also selected to attend the Global Forum during the Earth Summit from May 31-June 13, 1992 in Rio de Janeiro.

In all his activities, Rob has been dedicated to learning the opinions

NOLAND, page 4



Chemist Peter Dervan, recipient of the Gibbs Medal

faculty in 1973. Dervan, a member of the National Academy of Sciences and a fellow of the American Academy of Arts and Sciences, is also an outstanding instructor; he has won two awards for excellence in teaching from ASCIT. Dervan has received numerous awards from the American Chemical Society, most recently the Arthur C. Cope Award.

Sign-ups are now open for the following ASCIT-appointed offices:

- Coffee House Users Group Representatives
- Election Chairman
- Publications Darkroom Chairman
- Totem Editor
- Activities Chairman
- Big T Editor(s)
- Big T Business Manager

Sign-up sheets are on the East side of Winnett.

## Frosh Camp U.C.C.'s Needed

The Deans are interested in hearing from you if you would like to attend New Student Orientation Camp as a Deans/IHC U.C.C. and have not already been selected by your house. Frosh Camp is scheduled for Wednesday, September 22 to Friday, September 24, 1993. The Deans are accepting nominations for seven Deans/IHC Upperclass camp counselors through April 19, 1993.

Due to rising expenses, we have eliminated the position of Deans' Helper. However, the U.C.C.'s will need to perform some of the tasks previously handled by the Deans' Helpers, including setting up campfires, administering the freshman survey, and helping out in the kitchen. If you are interested, please submit a brief written description of your unique qualifications for being a U.C.C. to the Deans' office, 102 Parsons-Gates, by Monday, April 19, 1993. These may include campus activities, talents, experience with audiovisual assisting, photography, etc. We hope to add to the diversity of the Camp experience with your help.

## The California Tech

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# letters to the editor

## Staff, Honor System Issues

The fact is that, being second-class citizens, staff members are not trusted to deal with the honor code. They are held under a much more direct threat of termination. In fact, most hear of the honor code only via rumors some time after the start of their term of employment. The honor code won't work with staff because we were never asked to honor it. It's that simple.

Many staff members consider Caltech students to be spoiled and arrogant, and "treated with kid gloves" by the administration, being somehow too good for hard and fast rules. What Security told you may have lacked tact, but I have little doubt that it is true, and I can understand what motivated the comment.

Anonymous

*Ed. Note: While we normally discourage anonymous letters, this one seemed to be a fair, reasonable, and interesting statement of opinion. Just don't try it again.*

## Non-Objectivist Responds

I would like to respond to both of last week's letters since they seem to be closely related. The Honor System is embodied in the statement "No member shall take unfair advantage of any member of the Caltech community." But what does this mean? Doesn't handing out limited time and closed book exams give an unfair advantage to cheaters? Meanwhile, unlimited time exams give an unfair advantage to those without conflicting demands on their time. All the same, the Honor System doesn't seem to have anything to do with a yellow parking zone outside of Ruddock.

The main point of the letter by D. Kornreich seemed to be that the staff doesn't respect the honor code. I have never found one person outside of Caltech who has given the Honor System any credence whatsoever. I have also talked to many Caltech students whose experiences at Caltech have robbed them of whatever faith they once had in the Honor System. The letter by Chris Echols shows exactly the mindset of many people that dooms the Honor System. "Gimme what I want and everyone else go to hell" seems to be the sentiment of the author.

Except for a few hermits, all individuals exist within societies. Every society has a social contract that maintains order in return for providing for the needs of the members of that society. If a segment of the society feels its needs are not being met, it has a right to try to change that contract. This was the justification of our Founding Fathers for revolution against England.

What is so uniquely American is not our individuality or our productive achievement, but that our government has been flexible enough to continue to meet the needs of most Americans in spite of the incredible changes of the past two hundred years. The time Mr. Echols seems to find most to his liking was a time when an entire race was enslaved and then placed in apartheid, a time when an entire sex was treated as chattel, a time when rotten meat and ineffective medicines were often sold, a time when children had to work long hours and only the very richest could go to college. The revolution predicted by Marx did not occur because our society had the idealism and the flexibility to try to right these injustices.

A slave only offers servitude because of fear. By the very act of serving others because of a desire to make things better, one shows he is not a slave. A slave is selfish and greedy because he needs these traits to survive oppression. By willingly serving others, one shows his freedom and his strength in that freedom.

Mike Pejic  
797-8601

## Rejection of Altruism

I applaud Chris Echols' letter in last Friday's (4/2/93) *Tech*, since it reflects my own rejection of President Clinton's call for "national service." If I were not otherwise heavily involved with pursuing my own happiness (graduating with a Ph.D., being a T.A., deciding on teaching vs. research for a career, and finding room for physical activity, relaxation, and a social life), I would have made time to respond as Chris did.

For example, I am considering a teaching career, but not out of altruism or a feeling of obligation to society. Rather, my enthusiasm for teaching rests on my belief in leading by example, my desire to find a field in which I excel, and my pleasure in conveying concepts and in

motivating academic interests.

Contrary to the President's advocacy of placing others above myself and contrary to recent claims in the *L.A. Times* (3-23-93) that community work is the way to enhance learning and make better citizens, I choose to pursue my own selfish interests, knowing that such a pursuit on the part of teachers, scientists, businessmen, artists, and others will inevitably lead to better education and a better world.

Stuart Stephens, Grad  
170-25, x6961

## National Service Reasonable

One aspect of national service that Mr. Echols (Letters, April 2) seems to overlook is that it is being requested of America's college students in exchange for college tuition. While Mr. Echols is right in refusing to view himself as a national resource, available for exploitation, it seems that a program wherein students exchange a year or two of labor for their college tuition is a valid, acceptable barter, free of any coercion. I don't see how it is any different from a government-sponsored student loan.

Steven Anderson

## Chang Responds to Pejic

"What is so uniquely American is not our individuality or our productive achievement..." he says. Simply forget all that this country was founded upon; throw away your heritage. Spit on the graves of those many who fought in the wars on our lands for what makes America great.

Individuality is what made the United States in the first place. People fought for themselves against an oppression that the British called "Service to the Crown." The redcoats sounded much like Mr. Mike Pejic does today—their line is rephrased for us as "serving others [the nation] because of a desire to make things better."

And so we wonder what "better" means. For the British during colonial America, "better" meant paying up those heavy taxes to support the Crown. For Hitler, young German men could help make the world a "better" place by ethnic cleansing. Likewise, the South, my home, used slavery to bring "better things" to life.

Any person in the world, even those who truly love you, has purposes for you to benefit themselves. Everyone is selfish, and there can be no denying the fact. Mr. Pejic would have to admit that he derived some satisfaction from writing his letter—he expressed his uniquely individual views for the satisfaction of so expressing himself and in the hopes of gathering others that might share some of his views.

In the same way, I write to express my own opinions and to win people over to my view. I'm not being kind and saintly—I feel that this Clinton plan is a threat to what I stand for and my faith in America.

How so? Essentially, Clinton is a Communist. "Serve the nation,

we'll all be better off!" he cries, "Every Comrade deserves a roll of toilet paper." We all saw Communism fail, didn't we? There was no national identity for them—there's never an identity when more than one person is concerned. The country with no direction went nowhere.

Our country, however, feeds smartly on the identities of its foremost people. Compare America to a marathon. There are people at the front, there are people at the back. It's the runner at the very front that we care about. Who gives a damn about the last guy? The fastest time is the time by which the race is judged. Anybody can run as slow as possible so that the final time is in days—anyone can be a loser. America, like the marathon, must be judged by the rare people of excellence. Rarity is valued in our world, as shown by diamonds and gold. The very fact that people wish to obtain these and other things shows self-interest. You don't go out and buy a pizza for someone you don't even know. Even if it is a gift to someone you do know, it's a gift that pleases you by pleasing the recipient. Selfish is what we are, and it's not a bad thing.

People like Carnegie, Edison, Jefferson—all those famous Americans—they served themselves. They chased their dreams and made the world a better place for themselves to live. People closer to us, the scientists like Newton, Feynman, Goodstein—they were slaves to no one but themselves. They labored all their lives to pursue what they dreamed and hoped for.

Servitude to others is handing the reins of your soul over to those who would have their way with you. There is no strength in "willingly serving others," just a false and stupid deal in which your end of the stick is the rotten one. No one is a better master for your life than you.

So if you want to go and serve the nation, it's fine with me. You can do what you want with your life; it pleases you to deny your selfishness and give to others. Hell, it makes the world a slightly better place for me—free of charge. I'm not complaining. Just don't expect me to reciprocate. I've got more important things to do with my time.

Dennis Chang

## Echols Responds

The fundamental difference in the views expressed by myself and Mr. Pejic is philosophical. Mr. Pejic espouses the idea of altruism—that moral virtue is achieved through service to others. The existence of others establishes a binding moral duty on each individual. This is what leads to a concept of government "that maintains order in return for providing for the needs of the members of that society."

There is an alternative to the idea of altruism, however. Instead of using others for one's standard of morality, this code regards the individual—his life and his love of it—as the standard of morality. This alternative, is not, however, to be confused with lack of values or hedonism. It is rather a commitment to values—a totally and completely selfish commitment to the things one truly loves. These things include goals, work, specific

people, ideas, or maybe just a song or poem. It is these special things that make life worth living, and it is these things that altruism destroys.

Mr. Pejic summarizes this philosophy as "Gimme what I want and everyone else go to hell." By doing so, he explicitly communicates his misunderstanding of these ideas. The truly selfish person does not ask, and certainly does not demand, that another person give him anything. I would be betraying my own ideals if I demanded that someone else serve me in any way.

Mr. Pejic thinks that this philosophy will make people lie and cheat. Lying and cheating depend on others however. The truly selfish person does not value the unearned and does not demand that others unwillingly aid him in faking reality.

Mr. Pejic thinks that this philosophy endorses slavery, apartheid, and oppression of women. But these things involve force against others. A selfish person does not need or require force against others except to protect his own life.

Mr. Pejic regards government as a means of providing for people's needs. This philosophy says that human beings can and should pursue not just their needs but their happiness, and that governments

continued next page

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### EDITORS

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Chris "Godot" DuPuis  
Michael "Jerome Aniton" Radford

CRIME BEAT EDITOR  
Gypsy Achong

EVENTS & NOTICES EDITOR  
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WORLD NEWS EDITOR  
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WRITERS  
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Christy Esau  
Remy Hathaway  
Mike Oder  
Anadi Raman

BUSINESS MANAGER  
Chris Echols

CIRCULATION MANAGER  
Ken Walsh

The California Tech  
Caltech 40-58 SAC  
1201 East California Boulevard  
Pasadena, California 91125  
(818) 356-6154

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## LAEMMILE THEATRES

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Sat-Sun Bargain Matinee 2:30 p.m.

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## Catherine Deneuve INDOCHINE

Daily 5:30, 8:30 p.m.  
Sat-Sun Bargain Matinee 2:00 p.m.

## CRIME AND INCIDENT BEAT

by Gypsy Achong

3-31/4-4 12:00-4:45 P.M. Someone smashed the rear window of a car parked on the street in front of Marks house. Nothing was stolen.

4-1 12:00-2:00 P.M. A bicycle parked on the south side of Millikan was stolen.

4-5 4:25 P.M. A man entered the library in Baxter. He yelled and gestured in an angry manner at a lady who was in an adjacent room. She phoned Security but the man left before anybody got there. Apparently this man frequents libraries on campus, attempting to sell things. As soon as he engages someone in conversation, he begins to ask for money. He has been advised that he is trespassing and that he will be arrested if he continues to enter buildings on campus.

continued from previous page  
are instituted among men to protect and uphold this sacred right of the individual.

Chris Echols

## Benedetti Gets The Last Word

Mr. Echols,

While I admire your independence and self-reliance (you would call it selfishness), your personal philosophy is not one which appeals to me. It is wonderfully idealistic, but it seems rather impractical. Do you, as a selfish person, *never* "ask...for others to give [you] anything"? If you were to fall down a pit, and I walked by, would you not ask me to help? When you can't find layout sheets for the *Tech*, you ask me to help. Yes, finding the sheets would help me as well. Is this then your criterion for asking for help? If so, then how can you condemn Clinton for asking you to serve your country in exchange for college money?

The problem with your objectivist ideals is that it is nearly impossible to implement them fully. If you were able to be completely selfish, that would be great. It certainly wouldn't bother me. If, however, you live a life of imperfect selfishness, then there is the possibility that you might become selfish in the conventional sense. At least the imperfect altruist is nice once in a while.

I bet you date your T.A.'s, too.

Mike Benedetti

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### Azerbaijan

Azerbaijan said that Armenia has recently taken the Azerbaijani territory of Kelbadzhar in fighting over the Nagorno-Karabakh enclave. Nagorno-Karabakh is completely surrounded by Azerbaijan, but is mostly populated by Armenians. Armenia said that it needed control of Kelbadzhar to maintain control of a corridor to Nagorno-Karabakh. Azerbaijani President Abulfaz Elchibey declared a state of emergency, and ordered men of ages between 18 to 27 to report for military duty.

### Bosnia

The U.N. Security Council voted to have a "no-fly" zone over Bosnia, and to have the zone enforced by the North Atlantic Treaty Organization. The U.S., U.K., France and the Netherlands are all likely to contribute planes to enforce the zone. The U.N. ordered a ban on flights last October, but Serbia has violated the ban over 400 times.

### Cambodia

Khmer Rouge guerrillas killed three Bulgarian U.N. peacekeepers.

A U.N. official says that 20,000 Vietnamese have fled the country since attacks on ethnic Vietnamese by the Khmer Rouge.

### El Salvador

The two officers convicted of murdering six Jesuit priests were released as part of a general government amnesty. In response to U.S. pressure, El Salvador now says that the amnesty will not apply to leftist guerrillas who killed U.S. servicemen. Cristiani agreed to eventually remove some of its army chiefs accused of human rights violations.

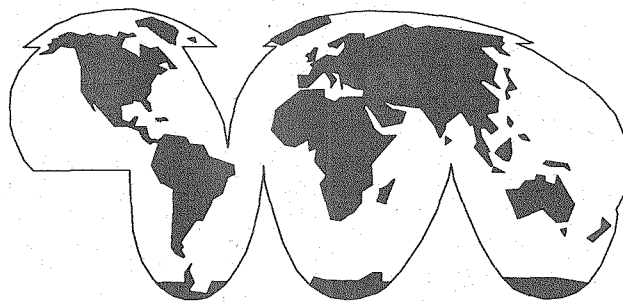
### Georgia

Russia bombed Georgian bases in Abkhazia in retaliation of Georgian shelling of a Russian military base in the same region. Georgia threatened to retaliate.

### Germany

The German Cabinet voted in favor of sending its military to enforce the U.N. no-fly zone over Bosnia. The Free Democrats, a coalition member of the Cabinet, voted against the proposal, and filed a suit in the Constitutional Court of Germany against the bill. It is controversial whether or not the German constitution allows the German military to enter combat outside

## World News



by Momo Jeng

of certain regions protected by NATO. policy is not likely to change much.

Barbara Jensen Meller became the third German and sixth foreign tourist to be killed in Miami since December. The German government responded by issuing a list of "precautionary measures" for German tourists in Florida. A Foreign Ministry spokesman said "...we don't want to overreact. It's not as if we want to say that Florida is especially bad or more brutal than anywhere else. It's clearly no worse than New York."

### Indonesia

Indonesia was shocked when the U.S. added its support to a U.N. resolution expressing concern over human rights violation in East Timor, which was annexed by Indonesia in 1976.

### Israel

Responding to recent Palestinian attacks, Prime Minister Rabin ordered the army to close off the West Bank and Gaza Strip, send in more troops, and shoot any Arab seen with a gun. He says that other security measures are planned. The closing bars 12,000 Palestinians from their jobs.

### Italy

Finance Minister Franco Reviglio resigned after being told that he was under investigation for corruption. He is the fifth cabinet member to resign as the result of investigations discovering massive corruption in Italian government. Prime Minister Giuliano Amato offered to resign, but no successor government could be formed.

### Jamaica

The conservative People's National Party received over 60% of the vote in parliamentary elections. Voting was disturbed by fights in the capital between gangs representing the two parties. Both the PNP and the opposition Jamaica Labor Party are conservative.

### Japan

Kabun Muto was named foreign minister. Japan's foreign

### Lebanon

Col. Ihsan Mohammed Salem, head of the P.L.O. in Beirut, was assassinated by the Revolutionary Council of Fatah.

### North Korea

North Korea refused to allow the International Atomic Energy Agency access to inspect its nuclear facilities. U.S. analysts conclude that North Korea would rather have nuclear weapons than good relations with the West, and that there is probably little that the West can do to pressure North Korea to stop its program.

### Russia

President Boris Yeltsin received pledges of \$1.6 billion in aid at the U.S.-Russian summit.

Russian navy officials said that the collision of U.S. and Russian nuclear submarines in the Barents sea three weeks ago was the result of the U.S. submarine Grayling intentionally making a close and dangerous approach. U.S. and Soviet submarines have often played "chicken" in the past, but this practice was supposed to have stopped. Russian navy officials charge that the collision almost caused a nuclear explosion, while the U.S. claims that is impossible.

A fire involving radioactive waste occurred at a weapons plant in Toms-7, contaminating 2,500 acres.

### Thailand

Thailand closed its largest Cambodian refugee camp, as agreed to in a 1991 treaty. The Cambodians are supposed to return to Cambodia to vote in May elections.

### Ukraine

Members of the Ukrainian Parliament stated a desire to have control over the nuclear missiles currently in the Ukraine. Semenets, a members of Parliament's disarmament committee, says that Russia is too unstable to have control over the nuclear weapons, and that the Nuclear

Non-proliferation Treaty only prevents countries from designing nuclear missiles, not from inheriting old ones.

### United States

Clinton proposes ending the Hyde Amendment, which bans federal funding of abortions. Clinton proposes laws preventing companies from permanently replacing workers on strike. Clinton drops a plan for fees on grazing and mineral rights. Clinton changes his controversial energy tax, giving exemptions to many powerful industries. Clinton officials announce that his new health care plan will allow people to keep their old doctors.

Clinton ruled out military intervention in Bosnia without European support. He admitted that if European and Serbian positions do not change, this means that Serbia will get what they want.

The defense and prosecution rested their cases in the Rodney King trial. L.A. Police Chief Williams said that he will deploy up to 6,500 officers when jury deliberations begin.

The Navy proposes putting females on some of its all-male ships which enter combat zones but do not actually engage in combat. Military experts back Sam Nunn's proposal to allow homosexuals in the army as long as they do not reveal their sexual orientation.

Dave Durenberger, a Republican senator from Minnesota, was indicted on federal felony charges. He is accused of hiding his ownership of a condominium in order to get government reimbursement for his time spent at the condominium.

David Koresh still won't come out.

### Venezuela

Attorney General Ramon Escobar Salom filed a suit in the Supreme Court, charging President Carlos Andres Perez with taking \$17 million of public money, and seeking his impeachment. This follows rumors of coups, violent demonstrations, and widespread Venezuelan discontent.

### Zaire

President Mobutu Sese Seko continues to oppose democratic reforms. Paramilitary forces prevented Zaire's transitional Parliament from meeting. Mobutu has controlled Zaire for 28 years now.

## HOLY WEEK April 4 - 11, 1993

### CALENDAR OF PRINCIPAL CELEBRATIONS

[in Winnett Student Center]

Apr 4	Palm Sunday	MASS & BLESSING OF PALMS	10:00 A.M.
Apr 8	Holy Thursday	MASS OF THE LORD'S SUPPER	5:15 P.M.
Apr 9	Good Friday	LITURGY OF THE PASSION	5:15 P.M.
Apr 10	Holy Saturday	EASTER VIGIL & MASS	11:00 P.M.
Apr 11	Easter Sunday	MASS OF THE RESURRECTION	10:00 A.M.

For MORE INFO call 790-9706 or pick up a program at the Caltech Y.



The Newman Center

Catholic Students at Caltech



THIS MODERN WORLD by TOM TOMORROW

CONSIDERING THAT IN 1980, THE TOP TAX RATE WAS 70%, CLINTON'S TAX HIKES ARE RELATIVELY MODEST... STILL, SOME PANIC-STRICKEN CONSERVATIVES SEEM TO BELIEVE A SOCIALIST TAKE-OVER OF THE UNITED STATES HAS BEGUN...

WHY--HE WANTS TO REDISTRIBUTE THE WEALTH!

THE NEXT THING YOU KNOW, HE'LL BE FORCING US ALL TO SING THE "INTERNATIONALE"!

PHARMACEUTICAL MANUFACTURERS CLAIM CLINTON'S CRAZY, LEFT-WING NOTION OF REGULATING DRUG PRICES WOULD HAVE DISASTROUS CONSEQUENCES...

YOU SEE--WE MUST CHARGE MORE FOR DRUGS THAN MOST PEOPLE CAN POSSIBLY AFFORD WITHOUT A GENEROUS INSURANCE PLAN--

--IN ORDER TO FINANCE THE DEVELOPMENT OF NEW DRUGS WHICH PEOPLE WILL ALSO BE UNABLE TO AFFORD!

THE MEDICAL INDUSTRY CONSIDERS CLINTON A WILD-EYED RADICAL FOR PROPOSING THAT GOVERNMENT SHOULD SOMEHOW INTERVENE TO GUARANTEE AFFORDABLE HEALTH CARE FOR EVERYONE...

I TELL YOU--IT'S UNAMERICAN!

OF COURSE, CLINTON'S CONSERVATIVE CRITICS WERE SILENT ON ONE RECENT OCCASION-- WHEN HE APPROVED THE STARTUP OF A CONTROVERSIAL TOXIC WASTE INCINERATOR IN OHIO...DESPITE PROMISES TO THE CONTRARY BY AL GORE...

--AN INCINERATOR WHICH, ACCORDING TO THE N.Y. TIMES, WAS INITIALLY FINANCED BY ONE OF YOUR MAJOR BACKERS...

UHP! IS THAT RIGHT? WHY--WHAT AN ODD COINCIDENCE!

HEH. HEH...

Tom Tomorrow © 4-6-93

When she was done she thanked me as if I'd done a great deed.

She ran into the other room and I kept reading and eating.

My teeth felt smooth and clean when I left.

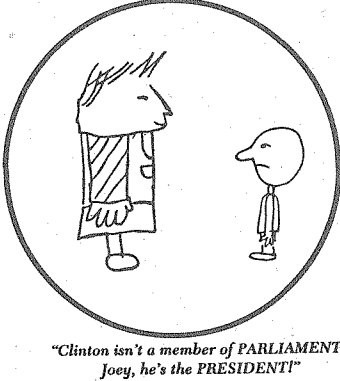
I walked away more and for a brief second I couldn't remember who I'd bumped into.

continued from page 1  
Noland

of his fellow students and finding ways to reach amicable solutions to problems. He has worked hard to maintain communication with administrators and has been able to reach a variety of effective compromises.

Both students' ability to lead others, their dedication to the well-being of fellow students, and their desire to maintain positive, open communications with all make both students truly deserving of the Noland Leadership Award.

Vision in the Bottom of a Shot Glass • Momo Jeng



Jim's Journal  
by Jim

Today I went to the store to buy some cottage cheese and a pear.

On my way home I saw the newspaper in one of those dispensers.

I went home and ate my pear and cottage cheese and read the newspaper.

I wanted a bowl of cereal but we were out of milk.

I went to the corner store to buy some more.

When I came back I ate my bowl of cereal and gave Mr. Peterson some milk too.

The sound was still there but the picture was completely fuzzy.

I wanted to eat something but I didn't have enough energy to make anything.

When I finished eating, I sat there for a while and read some more.

I could taste and smell the rubber.

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IS IT POSSIBLE THAT YOU'RE PREJUDICED AGAINST RATS BECAUSE YOU ONCE HAD A BAD EXPERIENCE WITH A RAT?

JUST OUT OF CURIOSITY, WHAT WOULD BE A GOOD EXPERIENCE WITH A RAT?

I BELIEVE I'VE BEEN INSULTED!

THAT WAS KIND OF A GOOD EXPERIENCE.

DOGBERT SAYS THAT "ABSENCE MAKES THE HEART GROW FONDER."

I'M GOING TO HIDE IN YOUR WASTE BASKET UNTIL MY ABSENCE MAKES YOU FOND OF ME.

IT'S A SUBTLE CHANGE AT FIRST... TAKE YOUR TIME.

I WAS WONDERING IF WE'RE A DYSFUNCTIONAL FAMILY.

YOU'RE NOT A FAMILY MEMBER. YOU'RE A RAT WHO WON'T GO AWAY.

SUDDENLY I HAVE THE URGE TO ROB A CONVENIENCE STORE.

IF I DON'T GET SOME LOVE AND SUPPORT AROUND HERE, I MIGHT TURN TO A LIFE OF HEINOUS CRIME...

OR WORSE, I COULD BECOME A CERTIFIED PUBLIC ACCOUNTANT...

STOP IT. YOU'RE SCARING ME...

I'M GOOD WITH NUMBERS.

I HAVE TO GIVE A SPEECH TO THE "SOCIETY OF ENGINEERS" TODAY... I'M A BIT NERVOUS.

SOMETIMES YOU CAN RELAX BY IMAGINING THE AUDIENCE IS NAKED.

WHOA! CANCEL THAT. I JUST PICTURED FOUR HUNDRED NAKED ENGINEERS.

TOO LATE.

FREE AT LAST, FREE AT LAST, THANK GOD ALMIGHTY WE'RE FREE AT LAST.

ALL AROUND THE COBBLER'S BENCH, THE MONKEY CHASED THE WEASEL. THE WEASEL THOUGHT TWAS ALL IN FUN.

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techner

I WASN'T HERE, RIGHT KID?

YOU NEVER SAW ME, GOT IT?

THE REAL REASON PEOPLE SAY THEY DON'T BELIEVE IN SANTA

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## Letters of a Biped Savage

by Khurram Dastgir-Khan

Of Science and Civilization

People in every age have thought themselves more "advanced" than the inhabitants of the preceding ages. For the last three centuries, there has been more reason than ever to think this way. Are we not extraordinarily more advanced than even the people of just half a century ago? A ready example is the computer I am using to write these words. There is more; ST microscopes, genetic manipulation, Voyager, quantum electronics, Deep Thought... the list goes on and on. We like to think progress is inevitable. Reason will conquer all. And the best of all, science will reign supreme as the ultimate avenue towards the truth.

Wrong. Optimistic, but wrong. The trouble is humankind's sociological progress, which is lagging at least ten centuries behind scientific progress. Which century was the temporal venue of the two most disastrous wars in all history? The most scientifically advanced century. And it is not a coincidence.

I have been trained as a scientist. To me, science is the highest achievement of civilization, the ultimate search for truth. Judging from very long-term trends, scientific progress seems inevitable. It is a marvel of nature that human reason has found structures and patterns in nature. A shiver runs down my spine every time I think of Crick and Watson's determination of the double helix or of Einstein's understanding of relativity. What could be more eternal than to touch the essence of nature?

Human nature, unfortunately, is nowhere near being touched, although legions of neurologists, neurobiologists, AI researchers and computational biologists are trying. It is a lost cause. We can manipulate single atoms, but we cannot understand—or teach a computer—hate, superstition, prejudice, greed, jealousy, racism and ethnic chauvinism... this list also goes on and on.

Why am I so pessimistic? I am downcast because I look around, think around, and do not like what I see. I had thought that after the monumental horror of the two world wars, humankind would have learnt some lessons, and would have become more civilized. I was foolish. My cheerful belief in human progress has been dealt a fatal blow by the genocide and the ethnic rapes in Bosnia. In its barbarism and sadistic inhumanity, the civil war in Yugoslavia is out of the stone age. What has changed, of course, are the tools at the disposal of savages.

Humankind is not headed for an epoch of peace and brotherhood. The tribal savagery in Africa (disguised in nationalistic rhetoric), ethnic hatred in Eastern Europe, India and other impoverished regions of the globe, and right-wing hatred in Western Europe—all are ominous portents of the near future.

Fortunately, science will continue its wondrous progress, and will continue to reward us with dazzling insights into the workings of nature. By its very success, science will broaden the gap between humankind's sociological and technological progress. Interesting and distressing times are ahead.

## Women's Leadership Conference

by Christy Esau

Last May, I attended the National Conference for College Women Student Leaders in Washington, D.C. The purpose of the conference is to help women understand the issues confronting them as they make the transition from campus to society and to encourage them to continue their leadership at the community, state, and national levels. However, I also learned many things at the conference that are relevant to campus issues today.

Hundreds of women from all over the country attended the conference, and most ages and races were represented. In addition to college-age women from universities and community colleges, there were many women who had returned to school after having had a family. To me, hearing the experiences and opinions of such a variety of women was the most important aspect of the conference.

The opening session of the conference, called Finding Your Own Voice, was my favorite part of the weekend. A moderator posed a series of questions, and the conference participants lined up at microphones and shared their opinions. We heard diverse points of view on topics ranging from feminism ("Do you consider yourself a feminist?") and abortion to the rise of racism on college campuses. There was a lot of disagreement on most of the issues, like whether we would see a female president in our lifetime. However, when we were asked, "Have you ever been judged solely on the basis of your sex?", the entire audience answered yes.

Most of the weekend was spent attending three workshops, the subjects which we could choose from about 30 topics encompassing leadership skills, women's

health issues, and multiculturalism, just to name a few. These sessions gave me the opportunity to talk to women in smaller groups, and hear more personal stories. For instance, a physicist from the University of Maryland (one of few women in science or engineering at the conference) who was president of the Physics Club claimed that she had never had any problems with men not taking her seriously in her leadership positions or her field of study, which I found incredible.

I was very impressed by one of the keynote speakers, Dr. Bernadine Healy, former director of the N.I.H., who told us about N.I.H.'s attempts to expand their research on women's health. The most impressive women of the weekend, however, were the seven who received the Women of Distinction Awards. The recipients included Donna Brazile, Chief of Staff for Eleanor Holmes Norton of the House of Representatives, and Doris Leader Charge, instructor in Lakota Studies at Sinte Gleska College, South Dakota, and technical advisor for "Dances with Wolves." I was in awe through the entire ceremony. I realized how rare it is that I encounter such accomplished women who are so comfortable with their achievements. The subject of mentors had come up a few times during the conference, and I realized how few female role models I have. It was terrific to see these women who had so much. Their acceptance speeches were truly inspiring.

Attending this conference and hearing about the experiences of women at other schools helped me realize some of the ways Caltech comes up short. The primary problem is the lack of unity of the Caltech undergraduate women. At the Women's Center discussions, it was amazing to hear fifteen other

women, most of whom I didn't even know, voicing the same thoughts I had. It was clear that if we only worked together we could make a difference on this campus. Hopefully the Women's Center will be a useful tool for joining Caltech women, and especially the undergraduates.

The Dean's Office and the Caltech Y sponsored my trip to the National Conference for College Women Student Leaders in Washington D.C., and they plan to sponsor another undergraduate this year for the conference on June 3-5. If you would like to attend, you can submit a brief written statement of interest to the Deans' office by Friday, April 30.

## Carlton "On Vacation," Hill Temporary "Relief"

by Mike Benedetti

Housing manager Nancy Carlton is currently "home on vacation," according to staff members Mike Hill and Ron McKinnell. It is not yet known how long Ms. Carlton will be away, but McKinnell, Caltech's Deputy Director of Business Services, reports that she has "quite a bit" of vacation time saved up from past years.

While Ms. Carlton is relaxing, Hill will serve as her "vacation relief." Hill previously was involved in installing the Bookstore's point of sale accounting and inventory system, but little else is known about his history with Caltech or elsewhere. When Tech staffers attempted to interview Hill on his background and previous experiences, he cancelled the appointment and refused to have his picture taken. If you want to see what he looks like, just drop by the housing office. He seems to be a very nice (if somewhat mysterious) man.

## Student Investment Fund

by Remy Hathaway

It's that time of year again, when your friendly neighborhood Student Investment Fund plays Santa Claus in May, and distributes toys to all the good little Techers. That's right, it's disbursement time for S.I.F., and even if you've been naughty, you can still get some greenbacks.

You're probably asking, "Where do they get all of that money to give away?" Well, we've been investing all year long, bringing up the value of our fund, and at the end of the year, we get to give away approximately four percent of the average

of our net worth over the last four quarters. This means we'll be giving away something in the neighborhood of \$5,000 this year. It may sound half-baked to be making money so that we can give it to you, but in fact, it's in our charter, and we have a lot of fun doing it.

Okay, I lied. You're really asking, "How can I get my greedy little paws on some cold, hard cash?" First, you need a good reason for money. Bad reasons would be a package of fluorescent bulbs to be Zeused from the roof of Firestone, a subscription to *Wombats Weekly*, or a side of beef for the Vegetarian Club. You have to meet

two requirements: first, you must represent a Caltech club or organization, and second, you must be requesting money for a durable good. As a general rule, we give money to those requests that benefit the largest number of members of the Caltech community, and to those that generally would not be able to purchase an item on their own. Last year, seventeen groups requested a total of \$22,250. We gave money to eleven of those groups, a total of \$5000 (an average award of \$450). The awards went to such items as bidding boxes for the Bridge Club and a flight simulator for the Flying Team.

If there's something your club has been wanting, waiting for it to

fall from sky or be synthesized in a lab, but it hasn't done so yet, perhaps we can help. All you need to do is pick up a disbursement form. Forms will be available in the copy room in the SAC, and on the billboard in the Page House lounge. If you can't find a form, or have any questions at all, contact Remy Hathaway (584-0479, remyh@cco), or Dave Krider (577-9955, krider@eq1). The deadline for requests is April 30. No late requests will be accepted (It's not a long form; don't be lazy). Return the form to the S.I.F. mailbox in the SAC (142-58). We'll make a list, check it twice, and give out over \$5,000. Don't miss out on your piece of it.

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# ASCIT BOD Meeting Minutes, April 6, 1993

by Karen Shih

Present: BOD minus Mike plus Pinky, Andrew Maskiell, Dave Derkits, Kim West, Chris Echols, Mike Radford, Rich Zitola, Mike Nassir, Mike Benedetti, Eric Hackman (ASCIT Movies), Mike Clemens (5 min. cameo on behalf of Totem).

Interviews took place for *Tech* Business Manager and *little t* Editors (Candidates for *little t* Business Manager didn't show—they'll get another chance next week). Kim—C House is for real. Gary Lorden is in charge of bringing the student body more up-to-date on what's been happening; look for a *Tech* article soon [If you find one, contact us at [editors@tech-edu](mailto:editors@tech-edu)] as well as possible open forums in the student houses on what kind of role C House should play in undergraduate life and what we'd like to see in C House. The drawings that got the \$10 million donation for C House were passed around—impressive Moeen commented on the one aspect of C House that sets it apart from the traditional dormitory; it will be an arena to encourage social interaction between faculty, graduate, and undergraduate students and to provide opportunities for more personal and non-academic friendship to develop across departmental boundaries.

Security increase for expected civil unrest—Kim assures the student body that concrete plans have been set up to keep us all informed. Basically, the RA's will have the most up-to-date information on what's happening, and in an event that off-campus resident should evacuate to on-campus housing, the Housing Office as well as the

Office of MOSH/DRL will be prepared to deal with it. What if pre-frosh festivities are in progress? Well, if it's not too dangerous for us, it's not too dangerous for them. Anandi—Sign-ups for the formal are UP! Let's go Techers, it's still not too late to sweep him/her off his/her feet! Do it while the term is still young and you actually have time for a little romance. Better yet, Seniors, how about a night to remember with a friend you've gone through hell with for these four grueling years? Hurry, the sign-ups will come down on April 20th. Mike Nassir—three things:

- The admissions office is preparing a pamphlet that will represent Caltech at college fairs and conferences across the nation for the next year. A picture of the ENTIRE student body will accompany that pamphlet—show up at Noon outside of Parsons-Gates next Tuesday for this historical photo (Pinky promises to prominently display himself). And, please, no house affiliated wardrobe.

- Stephen Hawking is here only for another week. He will be going to Hollywood for an episode of "Star Trek" in which he will attempt to bluff his way through a game of poker with Einstein, Newton, and Data. Keep your ears sharp for the premiere of the episode sometime around June [If you want to write an article on this up-and-coming star of the small screen, contact us.—the ever-present eds.].

- Interviews for Director of the Women's Center are in the final stages. If you have burning questions to ask the candidates, go see Mike, or talk to any of the other undergraduate students on the interview committee. We should

have a director by the end of April.

ASCIT Movies—Some random charges are showing up in the ASCIT Movies account...Anandi? We'll reimburse you as long as you can show some proof. Rich—Safety Office would like to have select representatives from each house to get in touch with whenever necessary. Asif will talk to IHC. Gisela—In the ASCIT resolutions, the use of the van has been limited to ASCIT functions, i.e. functions sponsored by an ASCIT club, student houses, sports teams. Permission to use the van for personal reasons should come from the Dean's or MOSH's Office. Apparently this resolution has become a skeleton in our closet. The BOD decides that the definition of an "ASCIT function" should be talked over with the Dean Kiewiet and things should be made a little clearer to make Gisela's job easier. Until new wording is found for the resolution, the BOD decides that Gisela should follow the letter of the resolution. By the way, her extension will be up by the end of this week (x6203). Ewald—We'll be getting the dues for third term before add day, so that at the budget meeting we'll have actual money in the bank to work with. Pinky—He wants to revise some rules in interhouse as well as discobolus, i.e. flag instead of touch football...etc. Will talk to IHC next week about getting his Athletic Committee together for a meeting. The banner for our Regional Champion Fencing Team will be here by the end of the summer; it will go up in Braun. He's also looking into buying a Varsity Rating Trophy since the old one has been missing for quite a few years. The trophy is presented each year

to the house with the highest density of varsity athletes; in addition to the one that floats around, another one will go in the trophy case in Braun with names of the houses engraved on it. Moeen—just a few thoughts:

- The Alumni Association is having Seminar Day on May 15th and would like to know if ASCIT wants to come up with a poster for the poster session. A confirmation is needed by April 23rd.

- Earth Day is April 23rd. The Y wants \$135 for the BOD; activities include 5 live bands, recycling games, a dunking booth, and environmental information booths. The last BOD gave \$135 as well. O.K.—7-0.

- There will be an Earth Summit this year again; it's in Cupertino this time. Come talk to Moeen if interested.

- Moeen has office hours: 5-6 P.M. each weekday in the ASCIT office, SAC 38. *Totem*—The *Totem* will go to press soon. What's its budget? Since publication is not until after the budget meeting, the BOD decides to include this edition of *Totem* in the new budget. Mike will have to submit a number to Ewald by April 23rd.

ASCIT appointments:

- Chris Echols as *Tech* Business Manager (6-0-1).

- Mike Radford, Rich Zitola, and Kurt Revis as *little t* Editors (6-0-1). Tune in next week as Heidi and Katy fight for the position of *little t* Business Manager at 10 P.M. Tuesday. Discussion on election procedures—tabled until next week, when Mike is back. Next week's meeting is at 10 P.M.

Respectfully submitted,  
Karen Shih ASCIT Secretary

## ASCIT Formal Update

by Anandi Raman

So, here I am, your friendly neighborhood ASCIT Social Director, telling you about the MAIN EVENT, the ASCIT Formal. It's at the Ath, on Friday, May 7, from 5:30 P.M.- 12 midnight (when all the carriages turn into pumpkins, etc.).

The sumptuous menu will in-

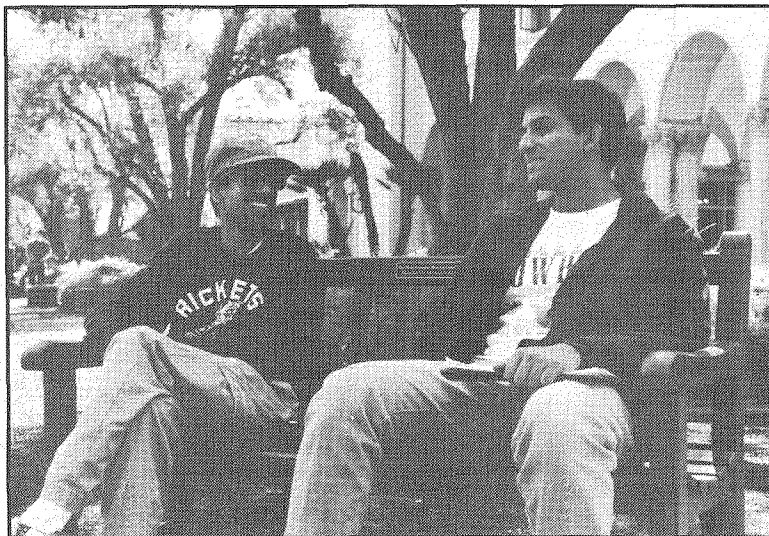
clude chicken in mushroom and brandy sauce, and for dessert, the famous "Berries Ath". At the reception, from 5:30-7:00 P.M., there will be hors d'œuvres, a bar, and, for your Own Personal Entertainment, a variety of fortune tellers! These include a graphologist, an astrologer, a tarot card reader, a numerologist, and a palm reader.

The price per couple is only \$40 this year, which is a savings of \$10 from last year! (now you can go and buy a C.D. from Penny Lane with all that saved money!) Guys, if you're stressed about having to fork over the big bucks to rent a tux,

don't tear all your hair out before you read this: IT'S O.K. TO WEAR A SUIT AND TIE! So, sign up, and it'll be oodles o' fun! The sign-up sheets are in all of the houses (usually in the lounge), at 1170 Del Mar, and 150 S. Chester. They will be taken down on April 20, just because I am the Director for So-

cial Affairs and I said so (hee hee hee, the perks of the job!). But if you have any further questions about the GRAND EVENT, feel free to contact me at 449-0181 or [ani@cco](mailto:ani@cco).

So, sign up, y'all, and prepare to have BIG FUN!



Amit and Moeen enjoying themselves on the newly installed Dean Brennen "Remain Calm" bench.



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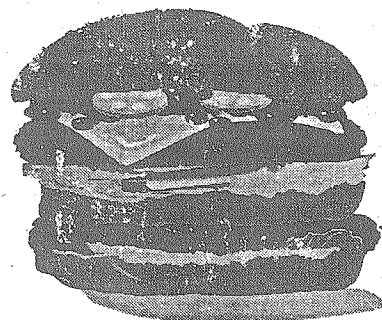
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## IHC Minutes, April 5

by Karen Ross

Present: Ben (Bl), Dave (Ri), CZR (Da), Eric L. (Fl), Derek (Pa), Eric S. (Ll), Stan (Ru), Kim (DRL), Matt Johnson, Asif, and me.

The meeting of Monday April 5, 1993 began at 10 P.M.

Asif asked Kim about air conditioning in the Chester quads. Apparently, up to this point, the quad have been air conditioned and the residents have not been charged for electricity. Housing is now giving residents the option of paying for electricity and keeping the air conditioners or losing them. Additionally, the air conditioners will now be given routine maintenance which was not true in the past. The IHC agreed that paying for electricity to keep the air conditioners was fair as long as the residents were charged by use and not at a flat rate. Kim said she would check on that point.

Eric L. has a list of rule changes for Interhouse tennis which he will discuss next week.

The following events for pre-frosh weekend were approved: Dabney: Tie-dye party Saturday afternoon. Fleming: Scavenger hunt around campus and reception in the lounge Saturday afternoon. Page: Current students (no pre-frosh) will be going to a baseball game on Sunday. Students will take pre-frosh to dinner at Fuddrucker's on Saturday night.

Interviews for IHC Secretary will be held next Monday starting at 8:15 P.M. (I'm almost outta here!)

Kim discussed housing for next year. We're not losing any housing so there's no reason to reshuffle affiliated alleys unless we want to. We gained part of a new apartment building on the corner of Cordova and Catatina. Eventually, we will have 40 spaces. Right now, we have only 20 because random community people are still living there. One apartment will be occupied by a manager as required by law and another will be occupied by an RA, which is especially recommended because of possible problems with relations with the non-Caltech residents of the building. After May 1, we'll know how many frosh are coming and they will have to apportioned among the Houses. Transfers will be housed on-campus this year. Hopefully, the housing crunch will be less bad this year both because of the new apartments and the fact that 75 fewer frosh were admitted this year.

This summer, Blacker will be closed for renovations. Blacker may have a summer R.A. to keep an eye on renovations, but no one is allowed to live in the house. Students for the Bridge, YESS, and ACES programs will be housed in the North Houses. Off-campus alleys can be open as long as they are half full.

Plans for the phone system in the undergraduate houses are going well. The system costs much less than expected because it can be installed while other changes, such as the prefix change, are being made.

Kim is looking for people to be on the hazing committee, which



will hopefully finalize the work started by last year's committee. Kim asked how the IHC felt about U.C.C. training. Some possible topics that could be covered in the training are: interpersonal relations, information on academic policies like UASH policies, first aid, stress management, and depression. The RA's go through a much more rigorous training program of this sort. The presidents thought it was a good idea.

No decisions have been made about what to do this Rob Cobb's old position in the SAC. A temporary person will be there doing such things as getting the finances in order until the middle of the summer. Kim wants to meet with students to decide how to structure the position.

Many other hirings are also going on. An assistant dean of mi-

nority affairs is being sought to fill Eddie Grado's old position. Searches are also going on for a director for the Women's Center and for a successor for Jean Noda, as Assistant VP for Student Affairs.

A memo is going out to the community concerning possible "civil unrest" following the second Rodney King verdict. If anything happens, Kim has set up

a chain of communication with the RA's. Therefore, the RA's are the best source of information.

Kim had a long meeting with Gary Lorden about C-House. An article will appear in the Tech on Friday [Not bloody likely—eds.] describing general characteristics of C-House like where it will be located. Forums for students to discuss the new house will be set up although Kim does not know

the exact format right now. The IHC discussed the impact of C-House on the house system for a while.

During the ASCIT BOD meeting, Moeen suggested using the ASCIT van as a shuttle to Old Pas on the weekends. The IHC discussed having a shuttle that went to other stores, museums etc. in Pasadena and maybe to the beach. The IHC felt it would be a good

way to get students to utilize the resources available in Pasadena. Kim suggested that maybe Caltech could arrange to get discounts at places that were served by the shuttle.

The meeting ended at 12:30 A.M.

For the next to last time,  
Karen Ross  
IHC Secretary

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SUMMER EMPLOYMENT—

**THE YESS PROGRAM.** Caltech's summer program for high school juniors, will hire four undergraduates as counselors (similar to RA's). The counselors will live in the houses with the students while supporting their extracurricular activities as well as providing supervision. Counselors will receive free room and board for the duration of the program (July 5-30) as well as a stipend of \$500. The program is also searching for an undergraduate student in biology and an engineering major (E 5 background preferred) to serve as TA's. Their compensation will be \$1800.

**THE BRIDGE PROGRAM** for pre-freshmen (August 2-September 10) will hire 2 resident counselors. The counselors will receive free room during the program and a stipend of \$600. The program is also searching for undergraduate graders in chemistry and physics. Grading will take approximately five hours each week and compensation is set at \$500.

All interested students are encouraged to apply for these positions—especially former YESS staff and Bridge "alumni." Applications are available from Michelle McClenahan, 287 S. Hill Ave, MC 2-98, ext 6208. The application deadline is **MONDAY, APRIL 26.** Brief interviews will be held the first week of May.

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>2 Serial, Parallel, Game Port  
>14" SVGA 1024x768 (.28) Monitor  
>101 Enhanced Keyboard

CPU	IBM48650	486DX33	486SLC33
MIPS	19.4	14.5	11.2
Land mark	114.88	111.5	107.2
Norton	67.7	51.6	54.1

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\*170MB IDE HARD DISK  
\*4MB RAM UP TO 32MB RAM ON BOARD  
\*1.2MB & 1.44MB FLOPPY DRIVE  
\*AT I/O: 2 SERIAL, PARALLEL, GAME PORT  
\*16 BIT SVGA W/1MB  
\*14" SVGA 1024X768(.28) MONITOR  
\*101 KEYBOARD

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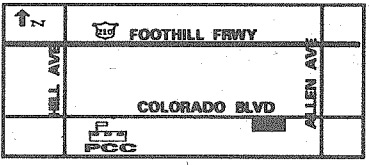
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Notices

**Hum 133: Ethnic Visions (3-0-6)**—This combination film series and academic course will look at how members of the African American, Asian American, and Latino American communities portray their own ethnic groups on the screen. Autobiographical works by ethnic writers will also be covered. Instructor: Rosenstone. Films—Monday 7:30 P.M.—Baxter Lecture Hall (April 12-May 24). Lecture & Discussion—Tuesday 1-2:30 P.M. Baxter 125 (March 30-June 1).

**Attention all club leaders**—The 1993-94 ASCIT Budget Meeting will be held at noon on Sunday, April 25. All clubs, old or new, that desire ASCIT funding should fill out a budget proposal information form, available outside Angie Bealko's room (Page 109), by April 23. Further information can be found on the proposal sheets.

**Patti Renstrom**—Donations for Patty Renstrom's living trust fund are still needed. Checks can be made out and mailed directly to the trustee of the fund: Ann Rossi, Trustee, 301 Encina Hall, Stanford University, Stanford, CA 94305.

Events and Services

**Korean Student Association Dinner**—Korean Student Association is going out to eat dinner at a Korean restaurant in LA on Sunday, April 11. It is open to all ASCIT members at \$5 plus some extra amount for the dinner itself. The club will pick up as much as possible from the bill and individuals will make up the rest. If you are interested in getting a taste of what Korean food is like, call Henry Choi before Saturday afternoon to sign up. Spaces are limited and the club members have the priority. (Henry: x6078)

**Caltech Velo**—The Caltech Bicycle Club will meet on Thursday, April 15, 8 P.M., SAC 35 (Note the different room.) The club organizes all types of rides, both road and off-road rides, for all skill levels, from novice to advanced including collegiate racing. All cyclists are welcome. We lead the following weekly rides, all meet in front of Winnett: Monday, 5:00 P.M.: about 20 moderate paced road miles; Tuesday, 3:15 P.M.: various off-road rides; Wednesday, 7:00 A.M.: about 20 hard hilly road miles; Friday, 8:00 A.M.: about 15 easy road miles, mtn bikes welcome. Rides leave at the time listed, so please arrive a few minutes early. Info: Michael Kantner at x4982 or E-mail to kantner@hot.caltech.edu

**Attention freshmen!** The Panel of Options will be held on Tuesday, April 13 in Winnett Lounge. The Engineering options will meet at 7:30 p.m., and all others will meet at 8:30 p.m. Come hear seniors talk about their majors & answer your questions. Free food will be served.

**Caltech Y ExComm Meeting**—The Y invites anyone who wishes to cosponsor an event to attend on the first or third Monday of each month.

**Friday Prayer**—Prayers organized by Caltech Muslim Students are held in the Caltech Y lounge at 12:30 P.M. every Friday.

**Caltech Hillel/Jewish Community Weekly Meeting**—An informal gathering, every Thursday at noon in the Y lounge. For information call Caty Konigsberg at (213) 259-2959.

**Mass**—Thursday at 8:15 in the Y lounge and Sunday at 10 A.M. in Winnett lounge. Sacrament of Reconciliation (confession) is given 20 minutes before masses. Refreshments are served after mass.

**Bible Study and Discussion**—Every Wednesday at noon in the Y lounge. Bring your own lunch. For more information call Mike Gerfen at 356-4886.

**Gay, Lesbian, Bisexual Support Group**—Meets the first and third Tuesdays at 7:30 P.M. in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation—including coming out, being out, self-discovery, coping with families.... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call x8331.

**Adult Children of Alcoholics**—A 12-step group which meets on campus every Tuesday, from 12 noon to 1 P.M., in Y club room 2. The group is open to any student, staff or member of the faculty who grew up with family alcoholism and other problems. For more information call Dinah Lee Schaller at x2961.

**Open Line**—Open Line meets every Tuesday in the Y lounge upstairs during lunch, between 11:30 and 1:00. Topics discussed include developing a youth center for ages 5-12 for tutoring services, activities and cultural development for the children of Caltech students, staff and faculty, developing a multicultural book for the understanding of all nationalities, traditions and customs. Open to all of the Caltech community.

**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.

Entertainment

**BANDORAMA 93**, at 8:00 P.M., Saturday, May 1, 1993 features the Caltech Occidental Concert Band and Caltech Jazz Bands with guest soloists Mario Guarneri on the trumpet and Janet Ketchum on the flute. At Beckman Auditorium on the Caltech Campus. Admission is free, and no tickets are required. Info: (818) 356-4652.

**Caltech Jazz Bands Play the Baked Potato**—On Sunday, April 18, from 8:30 P.M. to midnight, the Caltech Jazz Bands will appear at The Baked Potato at 26 E. Colorado in Old Pasadena. This club serves food, drink, and gourmet baked potatoes. General admission is \$8, and \$4 for students with ID, and there is a two (2) drink minimum. For more information call The Baked Potato at 564-1122.

**The Pasadena Folkdance Co-op** offers beginning and intermediate instruction every Friday at 7:45 P.M. in Throop Unitarian Church on the corner of Los Robles and Del Mar. A program of varied international dances follows the instruction at 9:00 and continues until 11:00. Wear soft-soled shoes. A contribution of \$1.50 is requested.

**International Folk Dancing**—Tuesday nights in the Dabney Lounge. Beginning instruction starts at 7:30 P.M.; intermediate at 8:00 P.M. and open dancing takes place from 9:00 until midnight. Donations are accepted. For more information call Mike McKenna at (310) 692.0366.

**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 Boyki**—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 leave early. For more information call x6353.

Lectures and Seminars

**FOCAL Luncheon**—John Charles Fremont, a colorful and enigmatic figure in the history of the American West, will be the subject of a talk at the annual FOCAL luncheon on April 20 in the Athenaeum. Historian Andrew Rolle will interpret Fremont's career as explorer, general, and politician, based on his new biography. Reception at 11:30 A.M. on the East Patio; luncheon at noon, the Hall of the Associates. Cost: \$20 for FOCAL members and \$22 for non-members. For reservations, call Gloria Thomas at x6411.

Scholarships, Internships & Competitions

**Grad school scholarship & fellowship discussion**—On Thursday, April 15 at 7 P.M. there will be a meeting for current juniors and returning seniors to discuss the ins and outs of applying for fellowships and scholarships for graduate study. Awards for study in the U.S. abroad will be overviewed. General information on graduate financial aid will also be discussed. Get a jump on next year! Club Room 1 at Winnett. Call Lauren Stolper at ext. 2150 for further information.

**The E.T. Bell Undergraduate Mathematics Research Prize**—A cash prize of \$500 will be awarded for the best original mathematics paper written by a Caltech junior or senior. Contestants must be nominated by a faculty member familiar with their work. Each student is entitled to only one entry. All contestants nominated must submit their papers in final form to their faculty sponsors by April 27. A faculty committee will then judge the papers and announce its decision before the end of third term.

**The Morgan Ward Competition**—Any Caltech freshman or sophomore may enter this contest. An entry may be individual or joint (submitted by a group of two or more students), and each student may make at most three entries, of which at most two may be individual. An entry is to consist of a mathematical problem, together with a solution or significant contribution toward a solution. Any outside references used should be cited (the Honor System applies here). Entries must be placed in an envelope and delivered to the Mathematics Office, 253 Sloan, during the fourth week of the third term. The name of the contestant or contestants must be written on the envelope only, not on the entry. Prizes will ordinarily be awarded for the 2 or 4 best entries, the value of each being \$75.

**Planetary Society—College Fellowship Awards**—Undergraduates majoring in science or engineering may apply for one of up to five grants of up to \$1,000 each. Each applicant must be a member of the planetary Society or be nominated by a member. Fellowships will be awarded on the basis of scholastic achievement,

commitment to a career in engineering or a planetary-related science, and a 2,500 word essay on a relevant topic. Deadline is May 17.

**Mars Institute Student Contest**—All high school and college students are eligible to enter the Mars Institute Student Contest. The prize is \$500 and an all-expense paid trip to a Mars-related conference, awarded to the best essay on the years designated topic. This year's topic asks students to discuss the possibility that spacecraft landing and moving about on the surface of the planet Mars could contaminate the surface or atmosphere of that planet, and to propose procedures to prevent it from occurring. Entries to these programs must be received by the Planetary Society no later than May 17. Additional information and application forms may be obtained by writing: The Planetary Society, Scholarships Department, 65 N. Catalina Ave., Pasadena, CA 91106.

For Details on the following announcements contact the Career Development Center, 08 Parsons-Gates, Ext. 6361.

**Malin Space Science Systems** has opportunities for grad students in GPS to participate in the operation of the Mars Observer Camera (MOC) in San Diego between September '93 and September '94.

**RAND** will be sponsoring interns in a wide range of academic disciplines in its Graduate Student Intern Program this year. They are looking for applications from students who have completed 2-3 years in Ph.D. study and are interested in the analysis of public policy problems.

For information on the following scholarships please contact the individuals listed at the end of each scholarship.

**Attention Writers!**—The Mary A. Earl McKinny Prize is awarded each year for excellence in writing. Only full-time Caltech undergraduates are eligible. Prizes will be awarded in the categories of poetry, prose fiction, and non-fiction essays. All submissions must be typewritten and double spaced. In the poetry category, entrants may submit up to three poems. Submissions of prose fiction should not exceed 12,000 words. Essays may be ones prepared for a humanities class or any good piece of original writing relevant to the humanities. The prize in each category will be \$300. Each student is entitled to only one entry in each category. All contestants must submit their work to Prof. Jenijoy La Belle, Division of Humanities and Social Sciences, 101-40, by no later than 5 P.M. on April 29. No entries will be returned. If you have questions, contact Dr. La Belle, x3605, or Barbara DiPalma, x3609.

**SIF Award**—Applications are now being accepted for the SIF Award as described in the catalog. This competition is established to promote excellence in financial research. An application consists of your name, address, phone number, class, and research report of reasonable length. The deadline for applications is May 1, 1993. Entries should be mailed to 142-58. Any questions should be referred to Dave Krider (577-9955).

**The Jewish Family and Children's Services** announces the availability of financial support for Jewish individuals and their families. Students may apply for aid by mailing the questionnaire to the JFCS office or calling Ted Schrieber at 415 561 1226 to receive an application. There are no deadlines and students may apply throughout the year.

The John Cyles Education Fund is offering financial assistance to students in both Canada and the United States. Effective March 1st selected students will receive up to \$2500.00. Deadlines vary. A minimum GPA of 2.7 is required. For

details and an application send a self-addressed, stamped (US \$.29) No. 10 envelope to, The John Cyles Education Fund, Attention: R. James Cogle, Administrator, P.O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B 5C4.

For details on the following, please contact the Financial Aid Office

**Merit Awards for 1993-1994.** Each year, the Faculty Committee on Scholarships and Financial Aid awards a number of Merit Awards to the most academically talented of the Institute's Sophomores and Juniors, and in special circumstances, Freshmen. Merit Awards are based on outstanding scholastic achievement as demonstrated by exceptional performance in formal classes and/or in independent research, and not on financial need. Last year, the Committee recommended a total of 40 Merit Awards. Awards ranged from \$5,000 to full tuition, \$14950. The level of awards this year will be determined by the caliber of the applicants. Applications are available in the Financial Aid Office at 515 S. Wilson. The deadline for submitting completed applications to the Financial Aid Office is 5:00 P.M. on April 30, 1993.

The Ebell of Los Angeles is offering undergraduate scholarships for the 1993-94 school year. The amount of the scholarship is \$3,000 per year paid in monthly checks, September through June. In order to apply, students must be U.S. citizens, L.A. county residents, have at least a 3.25 GPA, and be attending an approved college in Los Angeles County. L.A. county residence may be proven by in-school attendance. All applications and materials are due in the Financial Aid Office by 5 P.M. May 14, 1993.

The Society of Women Engineers announces its 1993-94 Freshman and Reentry Scholarship Programs. This year they are seeking applicants for eight scholarships totaling \$9000. Applications, including supportive materials, must be postmarked on or before May 15, 1993. More info is available in the Financial Aid Office.

The 1993 Society of Consumer Affairs Professionals in Business (SOCAP) applications are now available. Individuals planning to work in business, academic, government, or media positions are en-

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