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FRIDAY 20 FEBRUARY 1987

Dr. Barclay Kamb is the new Institute Provost. He took office Monday of this week following the sudden departure of Rochus Vogt from the position.

Provost Vogt Out of Office-Barclay Kamb Takes the Helm

by David Bruning and Jennifer Low

Professor Barclay Kamb assumed the office of provost last Monday. He was appointed by President Goldberger after Goldberger bypassed the traditional committee selection process for the sake of expediency.

The division chairmen and several senior faculty were consulted about the appointment, according to Goldberger.

Kamb is a professor of geology and geophysics and was chairman of the Geological and Planetary Sciences Division until 1983, a reason Goldberger cites for his appointment. As someone who has worked with the provost, Kamb was already familiar with the duties of the provost.

Kamb arrived at Caltech as a freshman and became a member of the Throop club. He received his first degree from Caltech in physics

in 1952 and continued as a graduate student in geology. He has remained at the Institute since his undergraduate years.

The provost serves as the chief academic officer. This involves interacting with the division heads to determine appointments, looking into the research that goes on, and attempting to adequately distribute the yearly budget.

It is in the budgetary procedure where the provost is especially important in that he is responsible for sorting out all of the requests and saying "no" to certain projects. Kamb believes saying no is one of the hardest parts of the job.

Both President Goldberger and Provost Kamb view Kamb's appointment as a temporary, but fullfledged commitment. Because the provost is appointed by the president, the new president, who will assume duties in the summer of 1988, will have the option of retaining Kamb or appointing a new provost. In the words of President Goldberger, the provost is here "for a limited sentence." Kamb appeals for student input and support in his new role.

Professor Robbie Vogt relinquished his position as provost February 12. In a letter to President Goldberger, Vogt hopes "to use the time this will give me to think about my future, Caltech's future, and what role I might play in it." He will remain as the R. Stanton Avery Distinguished Professor.

Goldberger refused to comment on the reason for Vogt's sudden departure, only stressing that Vogt did not resign. He states that Caltech is indebted to Professor Vogt for his outstanding service to the community and his concrete achievements in both research and educational issues.



TACIT's production of How to Succeed in Business Without Really Trying opens tonight at 8:00рм in Ramo Auditorium. The cast is composed primarily of Caltech students, faculty, and staff.

Achievement Rewards Scholars

The Office of Financial Aid has (finally) announced that last November 17, eighteen outstanding Caltech undergraduates and graduate scholars were honored by the Los Angeles chapter of the Achievement Rewards for College Scientists (ARCS) Foundation at the ARCS Annual Awards Presentation Luncheon held at the Dorothy Chandler Pavilion in Los Angeles. Those Caltech students honored were John "Alex" Becker, William "Doug" Cutrell, Castor L. Fu, Gabrielle A. Gordon, Gerard

J. Jungman, Nicholas G. Kledzik, David E. Parkinson, Joel B. York, Claudia J. Barner, Sean M. Callahan, Peter Campo, Larry Hill, Fujio Iinoya, Adele M. Naylor, William Nazaroff, Carol Polanskey, Carol I. Prentice and Steven P. Schneider. These students were chosen for this prestigious award by virtue of their great potential and interest to become future leaders in the field of science. These students are now recognized as ARCS Scholars and

The ARCS Foundation is a national organization of women, whose purpose is to make it financially possible for gifted scholars in the natural sciences, medicine and engineering to complete their preparation. ARCS Foundation, Inc., provides a way business, education, civic and social members of a community may combine their interests and efforts to achieve a strong contribution to the future, and to America's scholars through the advancement of scientific achievement.

Medical Leroy Hood

[CNB]-The Louis Pasteur Foundation/Los Angeles has announced that Dr. Leroy E. Hood of Caltech will receive its 1987 Award for Medical Innovation. Dr. Hood is the Ethel Wilson Bowles and Robert Bowles Professor of Biology and Chairman of Caltech's Division of Biology.

In announcing the award. Dr. Norman Kharasch, President of the Louis Pasteur Foundation and Professor of Biomedicinal Chemistry at USC, said "The studies of Professor Leroy E. Hood and coworkers are, indeed in the spirit

and tradition of Louis Pasteur. The Louis Pasteur Award for Medical Innovation recognizes the uniqueness of their approach to the very problems of life itself-gene structure and function - in relation to its meaning to the future of medicine. Like Pasteur, who opened whole new fields for future exploration, so these studies bring new perceptions of nature in relation to the progress of medicine. As with Pasteur, so Leroy Hood's works will have lasting meaning for the welfare of mankind."

The award will be made on Fri-

day, February 27. Dr. Hood will deliver the award lecture, "The New Biotechnology and Future Medicine," at 3:00pm in Baxter Lecture Hall. A reception will follow.

The Louis Pasteur Foundation was founded in 1981. In addition to the Award for Medical Innovation, the foundation presents several other awards including the Spirit of Arts Award. The foundation also supports scientific research on hormones and manages the Louis Pasteur Library and the Louis Pasteur Library Press.

Thew ASCIT Elected Officers
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and Bradley Scott
Editors of <i>The California Tech</i> Ken Haynes,
Michael Keating, and Jennifer Low
All of the bylaws' changes on the ballots passed.

Interhouse Secretary

by Nancy Drehwing

The sign up sheet for IHC Secretary will come down today at 5PM. Interviews will be held on Wednesday, Feb. 25th at the IHC meeting. All candidates will be notified of their interview time.

Duties of the office include tak-

ing the minutes of the meetings. distributing the minutes to the Caltech community, and going to dinner at the Athenaeum at the appropriate times. For more information about the position, contact me, Nancy Drehwing, at 578–9755.

OPINION

From the Editors Gymnasium Unsafe

The Caltech athletic facilities have expanded dramatically over the past three years with the addition of a swimming pool, an allweather track, a weight room, and complete locker and shower facilities for women. We also have a new basketball floor, new tennis court lights, and a modern Athletic Treatment Center.

Now the Athletic Department should spend a small amount of money to avoid a catastrophe. In the evenings and on weekends, "building supervisors" oversee the

Commercial Time

the age of obnoxious comercialism

that is the norm in the rest of the

country. First there was The Me-

chanical Universe that everyone

watches so they can see their

friends in the audience. Mike

Rigler will forever be famous for

picking his nose during many of

Prof. Goodstein's lectures. Three

different media events occured

next. Caltech-The Video, Beyond

the Mechanical Universe, and a

Unocal Caltech commercial all

seem to be concurrent projects to

get Caltech more air time. I'm sure

y'all know what the CIT Video and

Beyond the Mechanical Universe

are about, but how many of you

know that the name of this institu-

tion of higher education, this tem-

ple of knowledge, this bastion of

pure thought, has been loaned pro-

Scene 1. Desert, daytime.

up, is stranded on a lonely stretch

of desert highway. In the rear win-

dow is the CALTECH window

sticker we all know and love.

A Japanese car, with its hood

Scene 2. Inside Unocal gas

A mechanic closes the hood of

Mechanic: Where did you learn

Redhead: Caltech. Class of '82.

Mechanic: Protec. Class of '86.

Voice over: At Unocal all of

(Points to Protec patch on

the Japanese car. He and a redhead

walk from the garage into the

Mechanic: All fixed.

Redhead: Thanx.

our Mechanics

about pistons?

shoulder.)

mote gas stations.

office.

Caltech seems to have entered

To the Editors:

These supervisors are at times the only Caltech staff at the facility. They are authorized to give ice to people who are injured at the gym. They are not qualified to administer more than the most basic first aid. This is a severe mistake on the part of the Institute.

The Institute must take immediate action for the safety of everyone who uses the gymnasium. Caltech should sponsor CPR and emergency first aid training for all building supervisors.

Viewing audience: Barf, puke,

retch, gag!

This is a real commercial. I've seen it a couple of times on ESPN and once on KTLA. I think this is a bad precedent. Where does it stop? What if professors started endorsing products on their own?

We see Prof. Yariv in his lab with the lights out and all the lasers going. The lights come on, he removes his goggles and says, "I work with some of the most advanced and complicated optical systems in the world..." (Switch to a beach with thousands of bikini clad babes) "...but, the optical systems I value most are the ones I was born with. That's why I wear Ray-Ban sun-glasses, because there are some scenes (pan across the beach) a laser just can't recreate.

Or, how about Jim Blinn at JPL. He is sitting with his back to us in a room full of computer stuff. Many TV screens are flashing computer generated acid trips at us. He turns around slowly, stares into the camera, and says, "I create some of the most advanced and life-like animation in the world. Even in this environment designed for original thought and creativity, I sometimes get into a rut. When I do, I reach for my (reaches into desk) Etcha-Sketch by Ohio Art. I just twist the knobs to gain inspiration and when I'm done, shake it and my mind is clean." He holds it up next to his face and grins.

How about the interdepartmental approach? We look into the a crowded bar. At the bar is a tall man (the name Dr. Harry Gray is on the screen under him) and a short man with white hair (the name Dr. Ricardo Gomez is on the screen under him). (At the bottom of the screen are the words WORLD RENOWNED SCIENTISTS).

Harry: After a hard day pushng back the frontiers of science, my friend Ricardo and I like to go to the nearest bar and have a few beers. The beer we like best is Lite Beer from Miller. Right, Ricardo?

Ricardo: I hate beer!

Harry: I know how you feel Ricardo but, Lite tastes great and has a third less calories than their regular beer. Right, Ricardo?

Ricardo: I cannot believe I am standing here and letting my good name be used to promote this terrible beer. I piss in this beer! I would much prefer to sell something with redeeming social value, like this bottle of Thunderbird I am holding in my hand.

Harry: For once Ricardo, I agree with you. Have you got another bottle? (Takes a swig) Mmmmm, smooth drink.

Voice over: Thunderbird! It's not the quality. It's the quantity! (Close up of an empty bottle of Thunderbird lying on its side on the floor with the fingers of a passed out drunk clutched around the neck of the bottle).

See, this is but one of many possible futures. It could get real ugly. I'd hope that this business stops while we are ahead and can still hold our heads high in the air and proudly say, "I go to Caltech!".

destiny to look like a place to putt. Just think of how a windmill there would clash with Dabney Hall-it gives me such a fright. Where will it stop? Will glitter be strewn in the grass? Will scratch

'n' sniff flowers be planted in the flower beds? Will the walkways be repaved with pink and yellow flowered linoleum? Can I write another sentence with a question mark?

This should not be stood for especially since color blind people can't tell whether the ponds are blueberry Pop Tart blue or obnoxiously trendy neon pink sweatshirt pink. This tragedy must come to a speedy end (so the fish don't think we're all smurfs when they see us). Josh Kurutz

Ricketts

continued on page 7



Grab One of These People...and say that you are dying to write for the Tech. The newly-elected editors of the Tech are Michael Keating, Jennifer Low, and Ken Haynes (from left to right, of course).

THE CALIFORNIA TECH

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Don't Be So Blue

To the editors:

Just what color is it? Ty-d-bowl blue? Blue jawbreaker blue? The blue-that-we'll-turn-the-Russians'-urine-when-we-send-theminfected-wheat blue? Wrong-the water of Throop pond is now cheesy minature golf park fountain blue!

This addition is as distasteful as a meal of warm cheap beer and stale Doritos on smoggy summer day. The Throop ponds are where a fine bit of history-laden architecture once stood. This was replaced by a pleasant area of grass, trees, fish ponds, and rocks of geological significance. It is not its cosmic

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NEXT WEEK: The Mouse that Roared

OPINION:

Death Penalty Biased

by Eric Manjani

The use of the death penalty in the United States appeared to be arbitrary and racially biased, and clearly violated international treaties signed by the U.S. Government, Amnesty International said on Wednesday, February 18th.

The worldwide human rights organization said the evidence suggested that the penalty had become "a horrifying lottery" in which politics, money, race and where a crime was committed could play a more decisive part in sending a defendant to the death chamber than the circumstances of the crime

Launching a worldwide campaign against the U.S. death penalty, Amnesty International said the rate of executions was accelerating - 57 prisoners had been executed in the past three years against 11 in the previous seven. A record 1,838 prisoners were on death row as of the end of 1986, waiting to see if they too were to be "electrocuted, gassed, poisoned, hanged, or shot dead"-the different U.S. methods of execution.

Those executed and the inmates still on death row included mentally ill or retarded people and prisoners who were still under 18 or who had been juveniles when their crimes were committed, it said.

Imposing death sentences on juvenile offenders was barred by the International Covenant on Civil and Political Rights and the American Convention on Human Rights, both signed by the U.S. in 1977, Amnesty International said.

Two prisoners who were juvenile offenders were executed in 1986 and another 37 were on death row-including four who were aged 15 when their crimes were committed.

The execution of mentally ill prisoners contravened guidelines set by the United Nations in 1984, the organization said - but in 1985, for instance, a black farmworker in Virginia was executed for murder after he had been diagnosed as a paranoid schizophrenic with a mental age of eight.

Blacks convicted of murdering whites had been found more likely to be sentenced to death than any other category of offender-but whites had only rarely been sentenced to death for killing blacks.

Over 40% of death row prisoners were black.

Between 1977 and 1986 nearly 90% of prisoners executed had been convicted of killing whites although there were nearly as many black victims as white ones.

The death penalty was only imposed for certain types of murder and prisoners on death row had been convicted of brutal crimes, Amnesty International said. But the penalty itself cruelly violated the right to life and the organization rejected the view that such treatment of prisoners could ever be justified.

As evidence of cruelty, it cited cases like these:

It took 17 minutes to execute William Vandiver in the electric chair in Indiana in 1985, and required five charges of electricity before he was pronounced dead.

In Mississippi, Jimmy Lee Gray was executed by lethal gas that induced violent convulsions for 8 minutes, during which Gray continued on page 7

Konstantin's Komment

It has come to my attention that despite the several bits of financial guidance I provided two weeks ago, only Dave Parkinson was smart enough to take the advice seriously...and is already \$17,500 richer for it. So here's three more chances for Techers to get rich

1. Manure. There is a lot of money in buying and selling manure. Farmers will pay top dollar to have manure removed from their fields. Then you sell the shit in the city as prime fertilizer. Older cars are best for this job.

2. Collect for the paper. Anytime you need a few bucks, don't bore people with a line like

"My car broke down. Can you spare a few bucks?" Simply knock at the nearest house and say you're collecting for the [fill in the paper.] Be persuasive, argue. If worst comes to worst, scream "I'm sick of someone else collecting my route," and leave with disgust.

3. Pets. It is often easy to get free cute animals. (Check the classified ads.) You can realize a huge profit, provided you utilize the correct marketing strategy. Set up a "homeless pets" booth and label each animal with a price and the time it will be brutally killed if it has not been purchased. Then advertise that any consumer can save a cute puppy's life for just

Komment Number II

The Ten Best Albums

soundtrack from "Top Gun" A-ha "Hunting High and Low" A-ha "Scoundrel Days" The Outfield "Play Deep"

Led Zeppelin "Houses of the Led Zeppelin "I-IV"

soundtrack from "Rambo"

Why do it? Well, the omission of A-ha, the next supergroup, from a previous list is inexcusable. And his criteria for selection are, as the Italians say, stupido. What does something like "[their] music is just too noisy to appeal to many" imply? That John Cage and the jackhammers make better music than Zeppelin? And if you want atavism and a crashing beatbox, surely the

natural choice is "Rambo"? Innovation is a timeless thing, so I put Led Zeppelin on the list,

although they have not done much lately. I include The Outfield because, although they lack talent, I got a good deal on the CD.

I chose groups which consistently match the highest musical caliber with poetry. Consider A-Ha, "Scoundrel Days": "Maybe it was over/ When you chucked me out the rover/ At full speed." This kind of rhythm, bursting from within the tautly structured language, finds its fullest expression in Led Zeppelin's "Black Dog": "Ah child, when you shake that thing/ Gonna make you burn/ Gonna make you sting." The lyricist must be ranked as one of the foremost poets of this century.

If one person buys one of these albums, or two each buy one, or three each buy two, or even if other combinations occur, I'll be happy as Clea.

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AND SAVE

The Inside World

Blacker: To editor of The BLACKER READER

From: Federal Commission for Quality Control in Journalism Re: Your paper stinks

After having perused one issue of your "newspaper," the Committee has found this publication to be substandard in the following items:

Lack of ethical journalism in general;

Use of unreliable sources, bordering on hearsay; Embellishment to the point of gross exaggeration;

Encouraging the spread of human disease and perversity;

Proffering unproven advice to people in need of real help; Taking up too much space in the Inside World of *The California Tech*, a model

With these considerations in mind, the Committee is sad to inform you that the Blacker Reader's license for publication will be suspended for an indeterminable length of time, until the Committee sees it fit either to restore publication rights or remove this journal in a permanent manner.

ultimate u

One last time:

Da Prez – Birgitta Jentoft-Nielsen [sic](Delta function) Power Behind the Throne-

Vices-Flasher, Mom \$\$\$\$\$-Jerk, Toymaster, "BTE Troll-Ken Andrews

Socialites - Satan/Twelveinch/Vice I/Tanning ref/Vice II (this one talks a lot but

never opens her mouth)
AthTeam-Wolfgang/Ted George/Chad/Alice Cooper/Z

Man who will bring up all the books from the Trunk room and put them back

Coolest sophomore - Ke-Ming Ma

Historian – Mr. Badminton Damage Control – Huey

"Hep me, Hep me, I been HEEP-mo-tized"—Hochy Gaisjon Warning for Dave S.—The Catwoman is looking for you.

-HHHA

Dabney: Look. I'm a fairly open-minded person. It's my attitude that what people want to do, in the privacy of their own houses, is their business. But when they come into our house and do...such disgusting things right there in the hallways...well, I personally think it's disgusting – and so do a lot of other Darbs. We have a respectable house here. It's bad publicity, and bad for our rep, to have such goings-on under our roof. I mean, three men-including frosh!...well, obviously, they had something to celebrate. That trophy with the naked man in a contorted pose was rather appealing, in a decadent sort of way. But celebrate in your own houses next time, gentlemen. One of our fine young sophomores feared for the safety of the sculpture and safely secreted it where it could not be harmed by the overenthusiastic goings-on. Never fear, we're reasonable men – as our morals should indicate. We're perfectly willing to work out a trade...say the trophy for the flag?

The high-dive into the hot tub was an excellent idea-we're all indebted to the Page Inside World for the idea. So far we've had three broken bones and two concussions from people jumping out of the library window and into the hot tub, but hey, you've got to expect a little incidental property damage from "college hi-jinks." right, fellas? A broken bone here, a plate-glass window there.

The People's Renovation Council has asked me to inform the members of DabniCorp™ that they will no longer accept requests for the standard renovation furniture to include waterbeds. It seems that sixty waterbeds would increase the ambient humidity to the point where the smell of varnish would be below federal safety levels, thus reducing to an unacceptably low level the occurances of sinus trouble, headaches, lack of sleep, and general irritability so important to the proper functioning of a student house.

We expect DabniCorp's takeover of Walt Disney Enterprises, Inc., to go off without a hitch this Friday. Minimal resistance is expected, despite Disney's claims of a secret weapon known only as the Maus Factor; after all, it's not a legal holiday for anybody else in the world, right? More fools they. Anyway, the new subsidiary, WaltDEI, will be responsible for providing both recreation opportunities and official headgear for all DabniCorp employees.

Drink of the Week is the Lame Duck: take 12 oz. Cold Duck, add one Lloydie.

Fleming: Monday night a hideous crime was committed: that's right; the Discobolus trophy was pilfered from the Fleming mantle by the moronic, mutated, mangled, moneyless Moles. Obviously the Moles realized that they could not obtain it by any legitimate means this Sunday. And who could blame them? After all, we dragged the Darbs across the softball diamond last week.

Lowlight of last week was the Road Rallye, because Damage won. They say great minds think alike, but then again so do Burleigh and Daniels.

This week's social event is Magic Mountain. While you're there stop by and say

hi to McNally.

Of course, next Saturday is Wine and Candlelight. Enter the Drawing to win a dream date with Mark Eggleston.

Lloyd: This week, we had two extraordinary house guests: Andy Rooney of 60 Minutes, and Dr. David Hamburg, commencement speaker for the class of '87. Due to space considerations, we have combined and condensed their comments for your viewing pleasure.

continued on page 5



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ENTERTAINMENT

Music Like Never Before

by Jens Peter Alfke Victorialand Cocteau Twins 4AD

The Cocteau Twins make music unlike anything that's ever existed. There has always been a mesmerizing unfathomability to them and the music they emerge from the studio with. Their music is not based on what anyone else might be doing or have done; they honestly have no idea where it comes from and why it sounds like it does.

Two things that immediately set them apart are their fondness for 3/4 time, and Elisabeth Fraser's unique voice. Her singing is high and lovely, and almost completely indecipherable. Preferring to use her voice as an instrument, her lyrics are less poetry than streams of words strung together more for their sound than their meaning. A phrase such as "when Mama was moth I took bulb form" is interesting in itself, but it is fully conveyed only when sung by Liz Fraser.

Instrumentally, the Cocteau Twins (who consist also of guitarist / keyboardist Robin Guthrie and bassist Simon Raymonde, plus a drum machine) at their beginning bore some resemblance to Siouxsie and the Banshees, with shrieking guitar, obsessive rhythms and Liz Fraser's spine-chilling wail. Their music bore a sharp, dangerous beauty that it has kept during the years, but their sound has become softer. That Robin Guthrie could convey beauty with a torrent of processed guitar feedback is remarkable, but that beauty is no less there in its current expression in acoustic guitar, droning bass, and washes of synthesizer.

Victorialand is in some ways an atypical Cocteau Twins album; it is a side project, Guthrie and Fraser setting aside bass and drums for a slower, quieter sound. The primary instrument is acoustic guitar, sometimes electronically treated, with some occasional keyboards and percussion. Elizabeth's singing has moved up to a high soprano, swooping wordlessly through chiming layers of sound. Victorialand has quite a pastoral feel to it, resembling folk music in the same way that their regular music resembles rock.

Victorialand is one of the prettiest things ever recorded.

Ath Ramp Dedicated

[CNB]-Caltech has dedicated a wheelchair ramp at the Athenaeum. The ramp, to be known as "Amytis Way," is a gift from Amytis Richey Barrett, a life member of The Caltech Associates, an Institute support group. The dedication ceremony was attended by Mrs. Barrett, Caltech President Marvin L. Goldberger, members of The Associates, and family and friends of Mrs. Barrett.

"As members of The Associates for many years, Mr. and Mrs. Vernon Barrett have been among Caltech's strongest and most active supporters," said President Goldberger. "The gift of this new wheelchair ramp is only one of many examples of their longstanding commitment to the Institute. We are delighted to have the opportunity to publicly acknowledge their support and friendship for Caltech.

"Beautiful" or "elevator" music absorbs over-familiar songs and subjects them to clich'ed musical tactics (walls of strings and the like) to produce a deeply banal product, emotionally as subtle as a sledgehammer. The beauty of Victorialand is in the way it taps a deep aesthetic sense while remaining referent-less. Its beauty is pure and unexpected.

Most of the songs retain a verse-chorus structure, but there are breaks in songs like "Throughout the Dark Months of April and May" and "Whales Tails" where the voice and music go off in a direction at right angles to everything else there is, and you follow behind with a shiver of something that isn't ecstasy and isn't terror. It's moments like that make listening to music worthwhile.

It is very difficult to review instrumental music, particularly when it doesn't adhere to categories. It's even harder to review something that you love dearly, that entwines itself through you. And if it doesn't inspire such rapture in everyone, nevertheless no one I've played Victorialand for has come away untouched.

National Condom Week

by Lori Mulvany, R.N., F.N.P.

Our campus is not immune to AIDS. AIDS, like most STD's (sexually transmitted diseases) is a preventable disease. There is still no cure or even vaccine for AIDS but we do know that the AIDS virus is primarily transmitted through sexual contact or through sharing needles during I.V. drug use. As the number of people diagnosed with AIDS and AIDSrelated conditions rapidly increases - so does the number of cases among students, faculty and staff on college campuses. We need to dispel the idea that AIDS only affects people in high risk groups. There are no "high risk groups," just high risk behavior, regardless of one's sexual preferences. Our responsibility is, then, to educate about how to prevent the spread of AIDS and other STD's by the use of safe sex practices.

So what is safe sex? It is sex without exchanging potentially infectious body fluids-semen, blood, feces and urine. Although the AIDS virus has also been found in saliva and tears, these body fluids are not thought to be an effective way of transmitting infection. There has not, in fact, been any case of AIDS that has been traced to these modes of transmis-

What is sexually desirable varies broadly from person to person. "Safe sex" is anything that does not place a person at risk for developing AIDS or STD's. Knowing one's partner to the point of knowing his/her sexual history and wellness is important. In other words reduce the number of sexual partners you have and avoid anonymous sex. Be considerate of

known as a means of preventing the passage of gonorrhea, syphilis, chlamydia, hepatitis B and recently the virus that causes AIDS. This week is National Condom Week. The Health Center has available to all students condoms and specific information on safe sex. Below is an outline of what is considered safe sex, possibly safe and unsafe. These apply to men and women regardless of sexual orientation.

- mutual masturbation
- -light (dry) kissing
- -body massage
- -hugging and body to body

sion. Both men and women can carry the organisms that cause STD's - including AIDS - without feeling ill. Vaginal intercourse is just as likely to transfer these

your own and your partner's health.

SAFE:

- rubbing

Baxter Lecture Hall

Baxter Lecture Hall

diseases as anal intercourse.

Condoms have long been

POSSIBLY SAFE:

 deeper kissing -vaginal intercourse with condoms

-showering together

anal intercourse with condoms

fantasies – verbal or visual

-oral sex (stopping before

climax) -urine contact on intact skin ("water sports")

UNSAFE: -vaginal intercourse without condoms

 anal intercourse without condoms

-manual/anal intercourse ("fisting")

oral/anal contact ("rimming")

-shared sex toys

For information, evaluation, counseling, and testing contact the Health Center. If you have a specific personal concern related to AIDS at any stage (e.g. possible symptoms of the AIDS virus, exposure to the AIDS virus, or a positive test for the HTLV-III antibody), we recommend that you contact Dr. Bruce Kahl, Director of Counseling Services for advice on both your medical and psychological concerns. The Health Center staff will provide assistance and advice with strict confidentiality, in accordance with professional medical standards.

Anonymous, free testing for HTLV-III antibodies can be obtained at the Edward D. Edelman Health Center in Hollywood [(213) 464-7376]. Information can also be obtained from the AIDS Hotline, (800) 922-AIDS, and from AIDS Project Los Angeles

(213) 876–8951.

CALTECH MOVIE CALENDAR

Ten Days That Shook the World

La Guerre Est Fini (French)

A Clockwork Orange

Mon. 2-23 7:30рм CALTECH public events

Time

3-5:00pm

Class

H 161

H 131

Hum 103

Date

2-23

Mon.

THE INCOMPARABLE **CLEO LAINE AND** JOHN DANKWORTH RETURN TO CALTECH

The exciting Cleo Laine and John Dankworth return to Caltech Saturday, February 21 at 8 p.m. in Beckman Auditorium. Laine's fouroctave range and crossover style are complemented by Dankworth's mastery of the woodwind in selections that range from scat impressions to arrangements of Dankworth's film scores. Joining them will be the dynamic John Dankworth Quartet.

CIT student prices to this concert are \$11.25-10.00-8.75; CIT rush tickets go on sale the day of the show for \$6.00. CIT faculty and staff prices are \$20.50-18.00-15.50; TECHTIX for the same price as student tickets go on sale Friday, February 20 between noon and 4:30 p.m. (Limit 2 discount tickets per CIT I.D.)

· Two other exciting events are going on this weekend that you won't want to miss. Tonight in Beckman Auditorium travel around the world with Thayer Soule as Armchair Adventures presents "Around the World: The First 50 Years." Starting at 8 p.m., this film combines Soule's 50 years of travel into one unique and fascinating program. Tickets are \$7,50-6.00.

Caltech's annual musical opens tonight in Ramo Auditorium, featuring the production "How To Succeed In Business Without Really Trying." This production runs from February 20 to March 1 with performances on Fridays, Saturdays and Sundays. Tickets are priced at \$9.50 general admission; \$8.00 students.

For further information about the exciting Public Events scheduled for this season, call campus extension 4652.

THEATER ARTS AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY PRESENTS

125 Baxter



MUSIC AND LYRICS BY FRANK LOESSER

IN RAMO AUDITORIUM ON THE CALTECH CAMPUS.

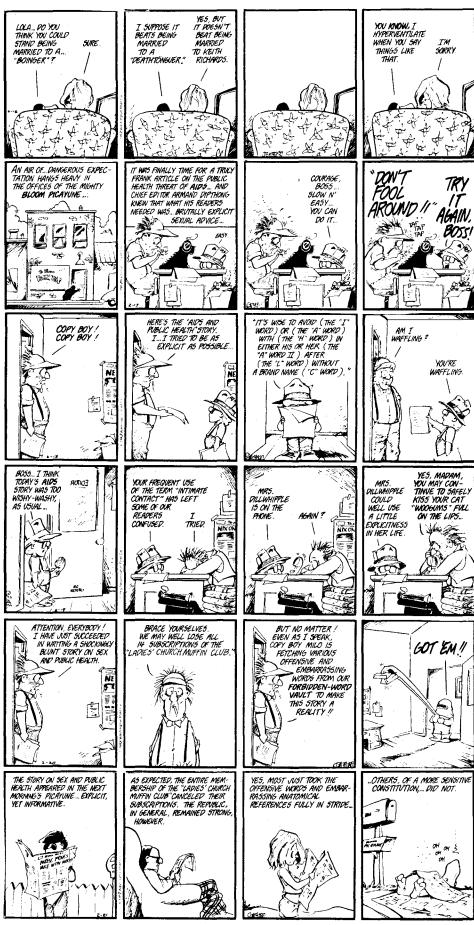
AT 8PM FRIDAY FEBRUARY 20th AND 27th, SATURDAY 21st AND 28th, AND SUNDAY 22nd. AT 2PM SATURDAY FEBRUARY 28th AND SUNDAY MARCH 1st.

TICKETS: \$9.50. \$8.00 FOR FACULTY, STAFF, AND STUDENTS. \$6.00 FOR CIT STUDENTS. TICKETS AVAILABLE AT OFFICE OF PUBLIC EVENTS, 332 S. MICHIGAN AVENUE, PASADENA, AND THROUGH ALL TICKETRON OUTLETS.

FOR INFORMATION CALL 1-818-356-4652 OR TOLL-FREE 1-800-423-8849.

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DESIGN BY MARK DAVID NIELSEN



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More Inside World

Gathered here are some of the brightest minds of our nation. Working together in racial harmony, you will lead us to brighter tomorrows. Ever notice how Brian and Earl are the only ones who don't wear those funny white robes at house meetings? And what about Gary? Is he a tub, or what? You have a gift from God. Your intuition must be used to better mankind. Ever notice how Ken has this eerie "fashion sense"? His tuft sticks up every time he gets near name brand clothing. Your perception and senses guide you through the hallways of knowledge. Ever wonder how Alley 3 in Ruddock gets all those different smells in there? It's like a smell museum. SUCCESS. The S stands for Study hard. The U stands for Understand your material... Ever notice how "Blacker Reader" is an anagram of "Long and Boring"? Well, not really but..., And the last two S's, uh, both stand for Study hard. You are the future. You will become prominent in scientific circles and in the media. Ever notice how the *Tech* editors think it's really funny to print the *Bloom County* in weird, unreadable ways? And the Dabney Inside World. It sure has its finger on the pulse of society. Remember, you are the leaders of tomorrow. And on that note...The drink of the week is the Leader of Tomorrow. Two or

And on that note... The drink of the week is the line three parts hot chocolate to one part peppermint schnapps.

- Skeeter, Jethro and Enos

Page: Parky is "content." Not "elated," "jubilant," or even mildly "thrilled." "Exhausted," maybe. But still "content." The official announcement says that they've been "going out" for one month (as of last Sunday.) (Vito and Gloryanne, on the other hand, have about a month left.) Everyone, I'm sure, wonders why they got together in the first place. Maybe it's because redheads are supposed to be really awesome lays. Don't take my word for it. Find out for yourself. Ask Vito. Ask some Darbs. Ask anyone, but not Umar. (Rumor has it he's still going at it five times a day. I just hope he finds a new partner soon. Meanwhile, Darin smiles more often.)

Vito says, "Caltech is the center of party life. Any direction you go from here, there's a party." del $P{=}0$

Lower Arlington Alley says Flems are a bunch of fags. Lower Arlington is the one closest to the Olive Walk on the ground floor where all the doors are shut.

ANOTHER MID-TERM FROM HELL (Which would have come out last week if not for the Editing Staff from Hell)

- 1) During mid-term week, when all of the good little trolls take their mid-
- terms, one of the things you should avoid is:
 - a) flailing. b) flaming.
 - c) crashing and/or burning.
 - d) getting boofed.
- 2) There's a somewhat interesting party called "Apache" coming up in the near future. One of the things you will have to worry about is:
 - a) what to wear. b) what to drink
 - c) getting busted.
- d) getting boofed.3) "Hosebag" is to "hosemonster" as:

- a) "fist" is to "rubber."
 b) "bitch" is to "phlegm."
 c) "ketchup" is to "severe."
- d) "whip" is to "boy.
- 4) Vito's favorite flavor is:
 - a) orange. b) pineapple.c) chocolate fudge.
 - d) ketchup.
- 5) Mikey:
 - a) eats it.
- b) sux.
- d) can't pull no bitches.

-Inside World Guy From Hell

Ruddock: Tell me why I have to be a power slave, a slave to the power of death... Midterms are over, though, and now it's party time! The Lurans are having a party and since Ich isn't DJ-ing we might even get to dance or something... and after all, Hos did spend hours on the fliers. The least you can do is go drink his beer.

AND THEN, just when you think you can't have any more fun you wake up Saturday morning and go to Magic Mountain to ride roller coasters all day long. Social Team is pretty clearly keeping their promise that you'll have so much fun you can p*k*. Installations were last week and as traditional as ever. Welcome to Ruddock House

frosh! (And B. Pa and Dave K.) After the ceremonies the mud-loving, ankle-spraining smear-the-queer squad got down to their business of thrashing the old football and soaking themselves (nice undies Vax) to the skin. Speaking of welcomes: Junko, have you been showered yet?

Interhouse Volleyball starts soon so if you want to play talk to Kubo or Manny. -Bets the Frosh

What's the deal with Bets' chair? Mikey likes it.

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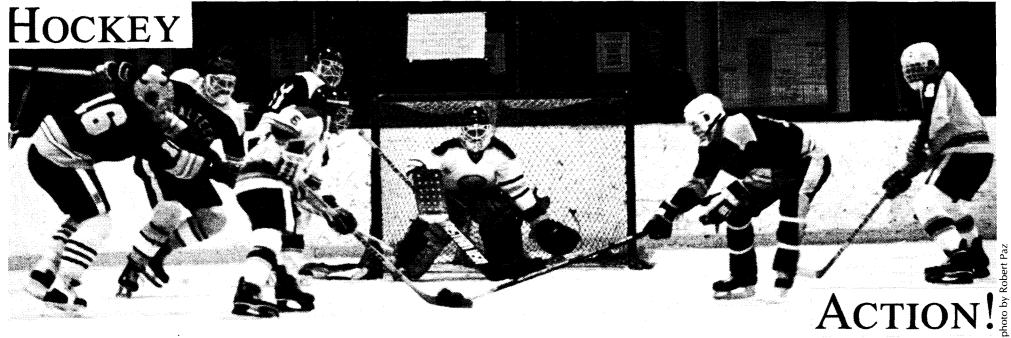
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7 Oscar Nominations Woody Allen's

> HANNAH AND HER SISTERS

SPORTS



USC Kneels To Tech

by Jason

What a mess. First my knee falls apart halfway through the game, then I lose my diskette, then I lose the score sheet. Looks like I'll have to write this one from memory

Well first of all we won. Big time in fact, clobbering USC 6-0. Actually the game was pretty close except for one thing. The Tech goalie, Peter Dowd, did a magnificent job in the net, stopping twenty shots on the way to recording yet another shutout. The USC goalie was...well let's just say that magnificent isn't a good word to describe his performance.

After my untimely exit Mike Freeman and Pierre Harvey had to skate double shifts. As a result, Mike was involved in five out of the six goals and Pierre was involved in three goals. Jim Bower was involved in four of the scores and some other Jim guy got a pair of goals. Anything else?

Oh yeah, Dwight Berg got a penalty for spitting on the ref. What do you expect from a football player?

With everything else going wrong, at least I didn't lose the schedule. The next game is Wednesday at 10:45pm. It will be against Cal State Northridge at the Pickwick Ice Arena in Burbank.

Tech Track Spells Victory

by Pole Vaulter

Caltech hosted 5 teams on the new all-weather Fox Stanton Track last Saturday, and came away with a resounding win to begin the season with an impressive 5-0record.

The five teams visiting our new facility were Chapman Čollege, La Verne, The Master's College, Whittier, and Christ College of Irvine

Considering the fact that this was the first meet of the season for Caltech, as well as for the other schools, there were a number of notable performances.

'Chasers Race To Win

Mike Jensen and Ray Hu finished 1st and 2nd in the 3000m steeplechase with times of 10:58 and 11:40. Our 400m relay team

consisting of Konstantin Othmer, Tom Tetzlaff, Ted Rogers and David Gates placed 2nd in 46.6 despite two hesitant passes of the baton.

Caltech's distance runners dominated the 800, 1500, and 5000 meter races, contributing many points to the totals. John Beck won the 800m in 2:01.7 with a strong yet relaxed effort.

Sean Hillyard and Ray Hu were 2nd and 3rd in 2:09.6 and 2:10.5. John Gehring went for it in the 1500m race and ran away from all the competition with a 4:16.1 finishing time. Darin Acosta and Sean Hillyard both ran strong races, placing 2nd and 3rd in 4:28.3 and 4:32.9. Gehring and Acosta also ran the 5000 m in 16:21.9 and 17:03.5 for 2nd and

La Verne and Whittier dominated the short sprints with the exception of Dave Gates, blazing the 200m in 23.1 for 3rd place. Additionally, Konstantin Othmer ran

Day

Sat. Sat.

Sat. Sat

Sat. Sun

Mon

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Wed

Wed

Sat. Sat.

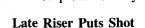
Sat.

the 100m in 11.7 in his first meet for Caltech. The long sprint, 400m, belonged to Alex Athanasopoulos as he raced to an impressive win with a time of 50.9 seconds. Andrew Stevens followed him in 53.6 for

2nd place. Our hurdlers ran well considering the lack of practice time specifically devoted to hurdling technique. Tom Tetzlaff placed 2nd in the 110m high hurdles, relying solely on guts and speed.

Eric Smith ran a strong effort in the 400m intermediate hurdles, placing 2nd in 1:03.2, while Ted Rogers took 3rd in 1:09.6. Once the chopping of the steps before

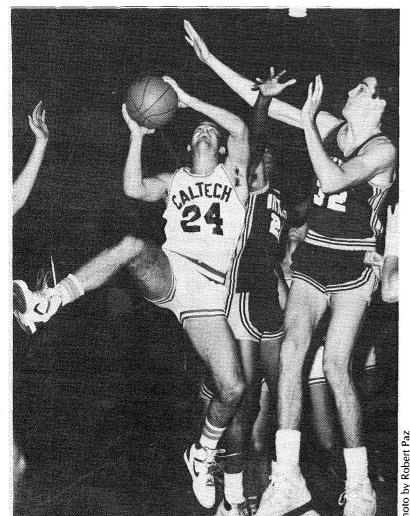
its destination. The Beavers crushed their USC opponents 6-0. each hurdle is eliminated these times will drop dramatically.



Ed Mao woke up just in time to wander across campus and win the shot put with a toss of 35'6". Both Mark Carlin and Matt Crandall were competing for their first times in track and completed the throwers' triple with good efforts in the shot put, discus and javelin. Carlin was fourth in both the discus and javelin.

The only way to end any track meet is with the 1600m relay team blazing to victory. Caltech's run-

continued on page 7



The Mighty Flail Ed Zanelli kicks out, jumps up, and shoves everyone aside in his frenzy to shoot the ball. Final score: Beavers 71, Whittier 62.

WEEKLY SPORTS CALENDAR

		440.00		
,	Date	Time	Sport	Opponent
	2-20	TBA	Swimming	SCIAC Championship
	2-21	TBA	Swimming	SCIAC Championship
	2-21.	11:00am	Track	Whittier/Oxy/Claremont
	2-21	11:00ам	Tennis (W)	Claremont-Mudd-Scripps
	2-21	12 NOON	Baseball (2)	Christ College
	2-21	12 NOON	Fencing	C.S.U.F. and U.C.S.B.
	2-21	2:00pm	Tennis (M)	Redlands
	2-21	6:00рм	Basketball	Redlands JV
	2-22	TBA	Swimming	SCIAC Championship
	2-22	3:00рм	Women's Soccer	Shakers
7.	2-23	1:00рм	Golf	La Verne
	2-24	3:00рм	Tennis (M)	Occidental College
d.	2-25	3:00рм	Tennis (W)	Occidental College
d.	2-25	7:30pm	Basketball	Occidental JV
d.	2-25	10:45рм	Ice Hockey	Cal State Northridge #2
	2-27	All Day	Wrestling	NCAA Div. 3 West, Regional
	2-27	All Day	Fencing (W)	Women's NCAA West. Regional
	2-28	All Day	Fencing (W)	Women's NCAA West. Regional
	2-28	11:00am	Track	Pomona-Pitzer All-Comers Meet
	2-28	12 NOON	Baseball	Redlands
	2-28	1:30рм	Tennis (M)	Whittier
	2-28	1:30рм	Tennis (W)	Cal Lutheran
	3-1	1:00рм	Women's Soccer	Wildcats

TBA Claremont-Mudd Caltech Christ College Cal State Long Beach Redlands Redlands Blair High School Occidental College Caltech Caltech Caltech Pickwick Ice-Burbank U. Wisconsin, Oskosh Stanford Pomona-Pitzer

Caltech (2)

Cal Lutheran

Caltech



slides swiftly across the ice, whipping the puck in one straight line towards

The Mightily Beweaponed and Heavily Uniformed Marty Zimmerman

SPORTS

Track

from page 6

ning animals powered to a win with impressive performances from all four relay legs. Othmer led off in 54 seconds, passing to Stevens who took the lead on the far turn. Once Athanasopoulos received the baton after Stevens' 53-second lap, this race was history. He passed to Beck after a smooth 52 seconds and another 52-second lap closed the show with authority.

The final scores were as follows:

Caltech 226 Whittier 110

La Verne 80 The Master's 46 Chapman 43 Christ 5

If you think there were only men at this meet you are wrong, Michelob-light-breath.

In fact, our own hard-working Dee Morrison set a new school record in the discus with a throw of 98'10" for 3rd place. Morrison also threw the shot 27'1034" for another 3rd.

Looking at the progress she is making this year, it is conceivable that she will rewrite the record books (again!). Since Dee was our only competitor at the women's meet, we won't bother to report the team scores except to reveal that Chapman edged Whittier 172 to



Our team can use a few good women who are willing to learn and compete. Prior experience is not a prerequisite! See Coach O'Brien soon.

Expect More Action

Caltech will be in action again this weekend at Claremont in a SCIAC quadrangular meet against Occidental, Whittier and Claremont. Action starts at 11:00 am with field events; running events start at 12:15. Come out and watch the excitement!

WHAT GOES ON

Humanities Next Term

by Chris Smith

Art 101: The Art of the 20th Century. A survey course of 20th century painting, sculpture and architecture in Europe and America. Lectures and class discussions will focus on issues rather than individual artists. Topics of concern include the influence of modern technology on the arts, the relationship between political and cultural power, and public audiences and individual artistic expression. Instructor: Susan Danly,

Lit 180: The Literature of Discovery from Columbus to Shakespeare. In the century following Columbus's discovery of America, Europeans had to make sense of a New World and revise their understanding of the Old. Some of the most remarkable of these attempts - from the letters of Columbus and Vespucci to More's Utopia, Montaigne's "Of Cannibals," and Shakespeare's Tempest-will be the subject of this course. Instructor: Richard Helgerson, W 7-10 pm. (Class time is subject to some flexibility.)

H 125: History and Anthropology will be offered as a special symposium in the spring, to be taught by Visiting Mellon Professor Bernard S. Cohn of the University of Chicago along with Nicholas Dirks and Gyan Prakash. The course will concentrate on the history of colonialism, and will consider the various technologies of colonial control as well as the special problems of doing anthropology in colonial contexts. Speakers from a number of different universities in this country as well as from Australia and England will visit the course during the quarter and participate in a series of intensive workshops. Students will thus have a unique opportunity to meet with a wide range of scholars interested in the history and anthropology of colonialism and to participate in the workshops that will be associated with the course. Organizational

Meeting will be Wed. at 2:00 pm. Lit 149b: Contemporary Latin American Literature. The class will read and discuss major works of Latin American fiction: Garcia Márquez's Nobel prize bestseller, One Hundred Years of Solitude; Amado's Gabriela Clove and Cinnamon; Puig's Kiss of the Spider Woman; Rulfo's Pedro Paramo; and short stories by Borges. Books available in Spanish or English translation. Discussions will be in English. Three feature films will be shown: Gabriela, Kiss of the Spider Woman, and The Official Story, which show three very different aspects of contemporary Latin

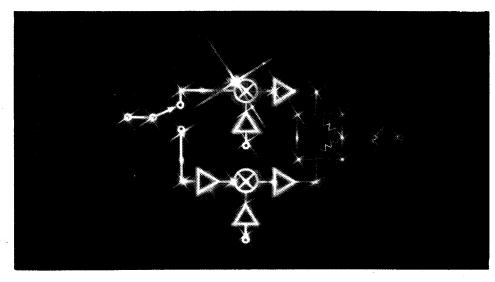
America. No prerequisites except curiosity about some of the 20th century's best fiction. Instructor: Mary Berg. Organizational Meeting on Tuesday, 7:30 pm.

Last but far from least is Hum 1, Introduction to Interpretation, which will focus on how some basic ideas and distinctions of science and reason in modern Western civilization shape knowledge of a living world. The course, as described by its instructor, "begins with writings by Descartes and Kant on mind and body, time and space, and history and nature as these formulate elements of a worldview. The main texts for the class are The Phenomenology of Perception by Maurice Merleau-Ponty and The Order of Things by Michel Foucault. These books critically review theories of perception, representation, classification, and communication as they affect both specific sciences-psychology, biology, linguistics, economics-and more general notions of human experience and understanding. Some paintings by Velazquez and Cezanne are subjects of interpretation in the course also. Overall, the concern is for the development, in two senses, of interpretive schemes and processes."

The course instructor is Lee Schlesinger, an anthropologist whose own research in another civilization suggests that who and where one is and what one can know, think, and interpret all have a lot to do with each other.

The class will be T 9-11, Th 10.

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ON-CAMPUS INTERVIEW DATES:

Tuesday, March 3

Please contact your Placement Center or phone Mike Avina, Watkins-Johnson Company, 3333 Hillview Avenue, Palo Alto, CA 94304. (415) 493-4141, Ext. 2114. An equal opportunity employer m/f/h/v. U.S. Citizenship is required.



from page 2

Dear Tech Editors, Why are there ads for Scholar-

your paper? Isn't that kind of lame? In confusion, Nathan Inada Ex-VP Blacker House

One steamed announcements editor replies: Stupid, you must be

ships for BLIND people printed in

blind, yourself. That announcement hasn't run for the last two issues. Have you been donating to that sperm bank? It makes you go blind, you know. You should also do something about those unsightly hairy palms of yours. This should serve as a warning to all you techers who are considering taking hold of these things for hard cash.

Amnesty

from page 3

gasped for air at least 11 times as he repeatedly struck his head against a pole behind him.

In Texas, James Autry's execution by lethal injection in 1984 took at least ten minutes and throughout much of that time he was conscious, moving about and complaining of pain.

Spearheading Amnesty International's campaign is a new 80,000-word report on the use of the death penalty in the U.S. since its reinstatement in 1976 after a nine-year moratorium. Of 50 U.S. states, 37 have death penalty laws – 12 have executed prisoners since 1976 and another 21 have prisoners on death row.

The report says that chance can play a big part in death sentencing, and points to the wide discretion given to U.S. prosecutors, juries

and judges. For instance, elected local prosecutors can decide whether or not to seek the death penalty in particular cases, and their decisions might be swayed by political considerations, local feeling about the penalty and the high costs of capital trials. The report says many prosecutors are reluctant to ask for the death penalty unless under strong pressure to do so-but others seek it wherever possible.

A sentence might hinge on where the crime was committed, and there are wide disparities in death sentencing across the nation - more than two-thirds of all executions since 1977 have been in the southern states of Florida, Georgia, and Texas.

Amnesty International opposes the death penalty as a violation of the right to life and the right not to be subjected to cruel, inhuman or degrading punishment. It urges governments to examine the evidence that the death penalty has no special deterrent value and can encourage a climate of violence and disrespect for human life.

Calling for abolition of the penalty in the U.S., it points out that, even with the most stringent safeguards, it may be inflicted on the innocent – at least 23 wronglyconvicted people are reported to have been executed in the U.S. this century.

The organization's campaign is part of its work against the death penalty worldwide-target countries for abolition campaigns during the 1980s have included China, Cuba, Iran, Iraq, Nigeria, South Africa and the Soviet Union.

WHAT GOES

Announcements for What Goes On must be submitted on an announcement form (available outside 107 Winnett) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 107-51, or put them in the mail slot in the door of 107 Winnett.

Announcements must be received by the Tuesday prior to publication.

Last Chance for IHC Sec

The sign up sheet for IHC Secretary will come down today at 5pm. Interviews will be held on Wednesday, Feb. 25th at the IHC meeting. All candidates will be notified of their interview time.

Post-Salt Arms Control

The Caltech Y presents: "Arms Control: Beyond SALT 2" a talk by Michael Stafford of the U.S. State Department. The talk will be on Tuesday, 24 February at 8 pm in room 24, Beckman Labs. The talk is free and open to the public.

AMERIKA!

On Thursday, February 26, Dr. Robert Rosenstone of Caltech will speak about the television series, Amerika, and the roots of anti-communism in America. The lecture and discussion will take place in room 107 Downs Lab. For further information, contact STRIVE at x6163

Hooked On Swing
Larry Elgart and his Manhattan Swing Orchestra will perform their live production of "Hooked On Swing" for two performances at Ambassador Auditorium on Tuesday and Wednesday evenings, March 3 and 4 at 8:00 pm.

Mr. Elgart's album, Hooked on Swing, (his 50th album, by the way), has sold over 2 million copies worldwide, making it the largest selling swing or big band album in

Tickets for the performances are \$20 for orchestra seats, \$16 balcony. Tickets are available at the Ambassador Ticket Office or any Ticketron or Teletron outlet.

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RATES.....\$2.50 for first 25 words: .10¢ for each additional word. Send written ad with payment to 107-51. No charge for on-campus lost & found.

ASCIT Budget Meeting

The ASCIT Budget Meeting for the 1987-88 fiscal year will be held on Tuesday, March 10 at 7 pm in the Millikan Boardroom. All clubs and organizations should turn in their budget requests by Friday, March 6. Please send them to Thu Le, mail

Concert Lottery Drawing

The 2nd term Ambassador Concerts Lottery drawing will be Monday afternoon, March 2nd. Each House will have one winner entitled to two tickets and the MOSH's Office will pay up to \$20 per ticket. Be sure to enter your name today!

Letter Jackets

An order will be put in for Caltech Letterman Jackets within the next few weeks. If you are interested in ordering a jacket, please contact Chris Schofield at 795-4760.

SURF's Up!

SURF applications are now available in the SURF Office, Room 3 Dabney. The stipend this summer will be \$3000. The SURF Office has a notebook with descriptions of a few possible projects. Deadline for proposals is 5:00pm, Monday, 2 March.

Bash Heads!!

The Caltech Medieval/Renaissance Society's Sunday practice is being rescheduled. Anyone interested in learning medievalstyle armored combat is welcome. Call Allan Kershaw at (818) 288-2082 for more

Gay/Lesbian Discussion Group

An ongoing discussion group on Gay/Lesbian topics is held every Tuesday evening from 7:30-9:45pm at the Archibald Young Health Center. All members of the Caltech community are welcome. Refreshments are provided. For further information please contact Bruce Kahl, x6393.

Human-Techno Interfacing

Dr. James M. Rosser, president of California State University, Los Angeles, will be speaking at PCC on the subject of "The Humanities in an Age of Technology." The talk will be on February 25 at 8:00 pm in the Forum (near Bonnie, about 1 block south of Colorado). It will be free and open to the public. Reservations are not required, but if you plan to bring a large group, please call in advance, (818) 578-7248.

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Attention Hungry People

Beginning this Saturday, have your breakfast-or a snack-at the Red Door Cafe, upstairs in Winnett Center. The Cafe's staff is happy to announce that the Cafe will now be open on Saturdays from 12 to 5 pm to serve its traditional fresh coffee, teas, espresso, juices, and delicious baked goods and bulbous bagels. An expanded menudesigned according to the expressed desires of our Saturday visitors-will be available before third term begins. So come bring your appetites and ideas to the Red Door Cafe on our opening Saturday, February 21.

Tour Guide Jobs Open

Public Relations is looking for students interested in becoming a President's Host/Tour Guide. Please contact Bonnie Baker, x6228

Student Space Group Meeting

If you didn't attend our last meeting, you missed two excellent films on shuttle flights. Don't miss our next meeting, where we will be showing films of Apollo 16 and Apollo 17 lunar landings. The meeting will be held on Tuesday, March 3rd at 7:00 in Clubroom 1 of Winnett Center.

Study In the Ozarks

Saint Louis University is offering a summer program of field biology courses at its Reis Biologicl Station near Steelville, Missouri. Courses will be offered during two three-week summer sessions (May 11-30; June 22-July 11). Students may enroll in courses for either or both of the sessions. Enrollment in each course is limited to 12 students to insure that each student receives individual attention. Early application is therefore suggested.

Courses: Session I-Natural History of the Vertebrates and Field Ornithology, both 4 semester-credit courses. Session II – Field Parasitology and Icthyology of the Mississip-pi River Basin, 4 and 3 semester-credits

respectively. Tuition for each course is \$135 per credit. A field fee of \$150 covers the cost of housing, meals, and field expenses. For more information, call (314) 658-3902, or write: Dr. Nevin Aspinwall, Director, Reis Biological Station, St. Louis University, 3507 Laclede Ave., St. Louis, MO 63103. Application deadline is May 1, 1987. A \$50 deposit is required and is refundable until

Alternative Job Fair

All Caltech grad students, undergraduate students, and fellows are invited to meet representatives from non-military firms and agencies, including: Proctor & Gamble, Hewlett-Packard, Bell Industries, the city of Los Angeles, Micropolis Corporation, and more. The job fair will be held from 11 am to 3:30 pm on Tuesday, March 3 in Winnett Lounge.

Amnesty International

The Pasadena Chapter of Amnesty International, U.S.A., which meets every first Thursday of the month in the Y Lounge at 7:00 pm, is actively participating in the international campaign for the abolition of the death penalty in the U.S. An official report entitled "The Death Penalty in the U.S.A. is available for sale or consultation. For more information, write to: Amnesty International U.S.A., Caltech 218-51.

Work in Japan?

A Caltech alum is offering two jobs in his Japanese factory for the summer. Travel, room and salary are provided. Students will be doing basic factory work. A presentation will be made by last year's partcipants in the Caltech Y Lounge, at 7:15 pm on Thursday, March 5. Japanese refreshments will be provided.

The deadline for submitting a brief letter of interest is Friday, March 13. If more information is required, contact Gary Lorden, Dean of Students, or Jeanne Noda, Associate Dean, x6351, 102 Parsons-Gates.

Ebell Scholarship

Undergraduate students living in Los Angeles County and who have a minimum GPA of 3.25 are eligible to apply for the Ebell of Los Angeles Scholarship. Further information and applications are available in the Financial Aid Office, 12-63. Deadline is 6 March 1987

Political Internship

The Beckman Internship will be available for the summer of 1987. The internship, supported by friends of Dr. Arnold O. Beckman, will pay a stipend of \$2,000. It allows a selected Intern to spend the summer working in the office of a politician and to see from the inside the process of government. The Intern is expected to make arrangements with the appropriate political persons. It is open to any Techer who intends to be a Caltech undergraduate next year. If interested, contact Gary Lorden, Dean of Students, or Jeanne Noda, Associate Dean, x6351, or come to the Deans' office, 102 Parsons-Gates.

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Cold, Soft and Wet

The Caltech Y will organize a series c one-day ski trips to some local (within a hour's drive) ski grounds over the comin long weekend, Feb. 20–22. If you alway wanted to learn to ski yet managed t chicken out at the last possible moment, thi is the big opportunity to prove yourself! Sig up at the Y for one or more days. Begin ners are especially welcome. Call for detail

Make Plans for the Future

Next Tuesday, Feb. 24th at 7:30pm ther will be an ESC planning meeting in Wir nett Clubroom I. Anyone interested in be ing an ESC Rep-at-Large should attend a well as AT LEAST one representative of each house's Social Team (lest your hous be doomed to clean-up duty for all eterni ty). Refreshments, of course, will be pro vided. For more info, talk to Nancy Dreh wing. All ideas welcome no matter how

Career Information Meetings

February 25th-the Lawrence Liver more Laboratories representatives will be in Winnett Lounge from 4-6 pm Refreshments will be served.

March 5th-Quaker Oats Presents Operations Careers——Quaker Oats Style 4-6 pm in Winnett Lounge. Free coupons and Gatorade bottles will be given out.

State Assembly Fellowships

Applications are now being accepted fo participation in the California State Assembly Fellowship Program. Set to begin in August, 1987, twelve persons will b selected to work with state Assembly members and their staffs in Sacramento.

Fellows serve in the State Capitol with responsibilities equivalent to those o legislative or committee staffers. Tasks in clude legislation, analyzing bills, working with constituent groups, organizing press conferences and helping to develor legislative strategies. A stipend of \$1300 per month, plus health benefits, is paid for the eleven-month Fellowship year. Fellows also earn twelve graduate credits

from the California State University as Sacramento by participating in periodic seminars and discussion sessions which provide important base and further enhance their hands-on experience. Minimum qualifications for selection are

a BA or BS degree (by August 1987), and completion of applications along with three letters of recommendation and transcripts. Applications and information are

available in the Deans' office. Deadline for applications, letters and transcripts is today,

More Money For Women

The Women's University Club of Los Angeles is offering Merit Scholarships for \$1,000 for 1987-88. To apply you must be a senior planning to attend graduate school or be already enrolled in graduate school; you must be a U.S. citizen and a resident of L.A. county or an adjoining county; have financial need; and have a minimum GPA or 3.75. Applications are available in the Financial Aid Office, 12-63, and must be postmarked no later than March 7, 1987.

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