

ОКОНЧАТЕЛЬНЫЕ
ВЫБОРЫ
СЕГОДНЯ -

THE CALIFORNIA TECH

SO
VOTE!

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South Coffee House Comes

by H. Douglass Bloomer

Two years ago I read a copy of the ASCIT minutes that included an item saying that a decision had passed nine to zero to move the coffeehouse to the basement of the south student houses. Naturally enough my reaction was to panic.

The image that leapt to mind was one of pastel blue plastic furniture with great big bright fluorescent lights in the ceiling all serving as the setting for soy burgers just like they used to serve in high school. The more I heard through the grapevine the worse the story got. I even heard a rumor that the food service would run the new coffeehouse. (This rumor is false, thank Vishnu!) By comparison, the truth of what is occurring under the gentle ministrations of the 6AM jackhammer brigade is a very pleasant surprise.

The man basically in charge of moving the coffeehouse is Stan Borodinsky. The image he conveys of the new kitchen facilities resembles a yuppie's dream. The kitchen will come complete with: soda dispenser, ice cream dispenser with 24 gallon capacity (complete with sneeze guard, just like 31 flavors), milkshake dispenser, nacho cheese warmer, refrigerated pastry display, microwave, Wonderful Whirling Wheel of Weenies, double fryer, ice cube machine and griddle, just to start with.

The room that all of this will serve is a spacious 46' by 18', with an adjoining TV room, itself 14' by 18'. All of this is designed to open on the courtyard, which is also being redone as a lounging area

rather than somewhere to toss empty beer bottles.

That has all basically been decided on already. What remains open to a lot of last minute finagling is the matter of how to furnish this space.

Current plans for the television room call for a wide screen projection TV with all the frills, VCR, cable, etc. Stan pictures seating to be a collection of couches, bean bag chairs, loungers, and throw pillows. In other words, the furniture is being planned so that the students can arrange it to their heart's content.

A similar idea applies to the furnishings for the dining area. Stan plans on buying all used furniture. Tables will be made of wood, not masonite or plastic.

Structured is not Important

The basic idea, as he sees it, is to create a relaxed, sort of "parisian" atmosphere. "The furniture doesn't have to all match," he maintains. The plan also calls for adjustable, incandescent track lighting inside, and a multiple-setting light set up outside. The projected brightness range for the lights is one to ten foot-candles.

I said that the food service will not be running the coffeehouse. Instead it will continue to be student-managed and operated. The major change is that Student Affairs plans to have staff do the purchasing and stocking. This is seen primarily as a way of taking the load of doing the purchasing off the managers, and, by virtue of better funding, allowing the pur-

chase of better grade ingredients. There is no question that the menu will be student run, cooked, and served.

So where did all the rumors come from, and why shouldn't you just ignore what is happening? The problem here is that there are too many groups with their fingers in this renovation. A small list includes Provost Vogt, Jim Mingus, Chris Brennen, the ASCIT BOD, the IHC, and the GHC.

A formal subcommittee of the ASCIT BOD headed up by Bibi Jentoff-Nelson has held only one meeting, and that was held without any notice being given to the community. Basically with so many people mucking about, communication has been awful.

And as to why this is important, notice that everything but the raw physical layout is in a state of flux. It is possible at any time for the decisions to be made to go more toward pastel plastics. Your input is needed before the deadline at the end of April for purchasing the furniture. Unfortunately, because of the structural confusion there is no set channel for suggestions. If you have any, try submitting them directly to Stan Borodinsky in Student Affairs, or to Sue Berkely, or to your house president.

These people, especially Sue and Stan, want to help the students, but they need your ideas. Stan has said that, "If there is anything that the students want over the course of time that we would have to refuse, I can't think of it." Don't waste that opportunity.

A Bishop Whom No One Likes

by Huy Cao

There are presently two versions of what's really happening in Nicaragua. One is anti-contras, the other anti-Sandinistas, and both highly motivated politically.

Because of this, Bishop Pablo Vega's talk Wednesday night about "the real story" in Nicaragua was welcomed. His credentials in representing the people, and not any political organizations, are impressive: the Somoza regime branded him "the Red Bishop," and the San-

dinistas expelled him last July. He isn't identified with either the Sandinistas or contras. He is Vice-President of the Episcopal Conference of Nicaragua, which is a good representative of many Nicaraguans.

The position of the Church in Nicaragua is steadily becoming more difficult because of the growing pressures and threats on the part of the Nicaraguan Government. According to the Church, "the person of the Holy Father John

Paul II and the persons of the bishops of the country are constantly mocked and calumniated, by means of the governmental media of communications."

At the same time, according to the Nicaraguan Catholic Church, the so-called "popular Church" in Nicaragua is completely under the control of the government.

Bishop Vega was forcibly removed from his Prelature and expelled from Nicaragua on July 4, 1986. Following that, the Pope himself expressed sorrow and condemnation over the Bishop's expulsion.

In the second part of his speech Bishop Vega talked about Americans in Nicaragua, the Sandinistas, and the contras among other things.

About Americans in Nicaragua, the Bishop criticized their superficial observations. "Some Americans visit Nicaragua for three days and they think they know Nicaragua. But if you are a rich person visiting the house of a poor family for three days, that is not the same as being poor all of your life!"

About a Western reporter, the Bishop criticized his use of a Spanish interpreter working for the Sandinistas. "The reporter told the interpreter to say what the people were saying, not what was in his [the interpreter's own] head." Nevertheless the reporter believed the interpreter anyway.

He claimed that "the Nicaraguan Government's purpose is to be part of the Soviet bloc, not to solve problems of Nicaraguan people. . . [It is] much worse now than in the

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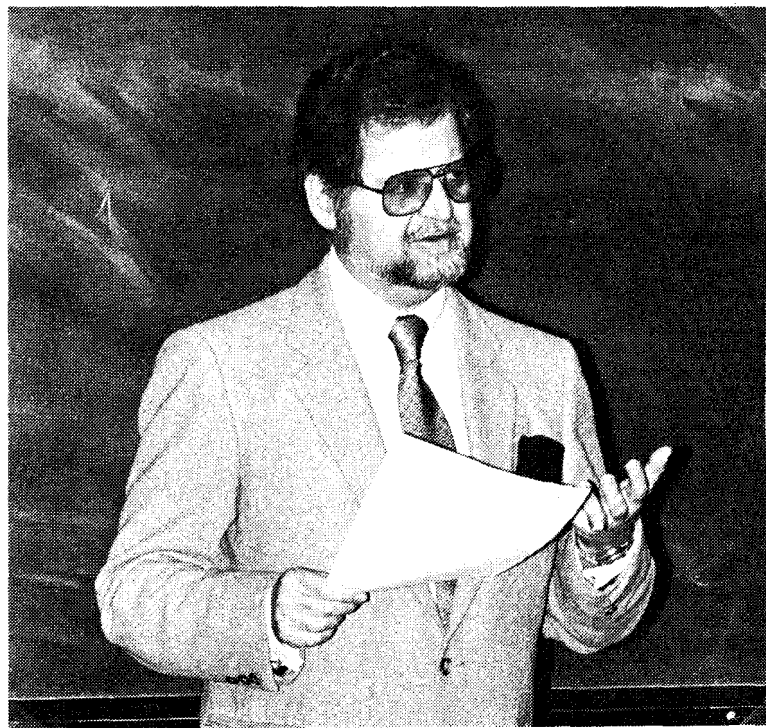


photo by Mark Looper

Author Larry Niven, a Caltech undergraduate in the early 1960's, tells why no creatures from the beyond have yet visited earth. . . to our knowledge.

Larry Niven Returns

by Mark Looper

"The human race may be destined to be ambassadors to a large part of the galaxy," said science fiction author Larry Niven, author of dozens of books, including the classic "Known Space" series and the more recent novels *The Integral Trees* and *Footfall*. Niven, who was an undergraduate at Caltech in the early 1960's, returned to campus last Thursday night to speak to a large audience in 22 Gates on "The Alien in our Minds."

Niven's talk was an attempt to answer the perennial science-fictional question, "Where Are They?" Given billions of years of time and billions of stars in our galaxy, "each a potential Sun" to shine on a life-bearing world, why is it we see no evidence of other intelligent life in the universe?

Forget the possibility that they might come visit us—first, of course, there is no evidence that it has ever happened in the past. Second, if there were an interstellar web of starship travel sufficiently extensive to permit side trips to a backwater yellow dwarf star, then the expenditure of energy to accelerate ships to relativistic speeds would "have side effects on a cosmic scale." So any intelligent races out there would seem to be stay-at-homes. Why?

Because...

Niven mentioned some of the standard suggestions, most of which are pretty pessimistic: nuclear war might tend to erupt before an intelligent race has a chance to establish a foothold off-planet, thereby sending the entire race back to the Stone Age; pollution or some artificial disaster in, say, genetic engineering might likewise tend to occur while the race was still confined to one world; or, to take a really paranoid view, there might be some unpleasant group out there that doesn't like other technological races, and wipes them out when it detects them (if there is such a race, says Niven, "we're probably just on the verge of attracting their attention").

However, Niven's main focus in his talk was, as stated in the title, on "The Alien in our Minds." Humans have always been interested in strangeness, in alien modes of thought; for a contemporary example, one need only

look at the popularity of science fiction.

But more than this, Niven says, we have been shaped by our evolution to be adept at dealing with alienness. For example, early ancestors of human beings were hunters and gatherers; specifically, they hunted not so much by running down their prey as by stalking it and cornering it. To hunt thus, early humans had to figure out the behavior and predict the actions of their prey, "putting themselves in its place"—absorbing and comprehending the alien mind. Domestication of animals is another aspect of the same ability. On a more fundamental level, we deal with alien minds every day—members of the opposite sex and young children.

Consider: we are a race of two intelligent sexes, whose intelligent children are raised by their parents. Sounds natural, right? But, Niven reminds us, many other possibilities exist; for example, if some race of intelligent beings reproduced by laying eggs which were buried and forgotten, to hatch on their own, the adults might see nothing of their offspring until a young adult wandered out of the woods a few years later. There would be no evolutionary need to learn to deal with that strange mind on the other side of the "generation gap."

Also, the fact that both sexes are intelligent means that cooperation is essential for reproduction; in an intelligent race where only one sex was intelligent, or reproduction was by parthenogenesis or cloning, or in which instinct took over during a mating season (the Pon Farr!), there would be no evolutionary incentive to learn cooperation.

Thus, says Niven, the human race is well-outfitted—perhaps uniquely outfitted—"to seek out new life and new civilizations," and to know how to deal with it when we find it. If these characteristics are rare in the galaxy, it may simply never have occurred to our neighbors to look for us; it's up to us to look for them.

This speech was sponsored by the Caltech Y and the Distinguished Speakers Fund. It was not sponsored by the newly-formed Caltech Science Fiction Club; but if you want to make sure the next one is, see the announcement in the back of this issue of the *Tech*.



photo by Michael Keating

Bishop Pablo Vega arrives to speak to a Caltech gathering. Both the Sandinistas and the contras have rejected the Bishop because of his populist views.

OPINION

Convocations
Cross Up

To the Editors:

I write to you to express my disdain about how President Goldberger has gone about picking a speaker for commencement this year.

Third quarter last year, I sent out a survey to the then-junior class asking whom they would prefer to have as a commencement speaker this June. I got back a fair number of responses, and two names occurred more frequently than any others: Bill Cosby and David Letterman.

We (the Convocations Committee) requested President Goldberger to invite Cosby to speak at commencement. He did, and after a month or so we received a polite "Sorry, but I'm busy then" reply. So we immediately asked the President to pursue David Letterman. After a couple of weeks, however, Dr. Goldberger informed us that Mr. Letterman was "not of high enough stature" for Caltech. This action greatly disserved the senior class. After all, it is supposed to be our graduation, is it not?

We were willing to accept this injustice in the hope that we still might acquire a speaker whom the students would like. (It was still before Thanksgiving at this stage.)

So we moved on to the next candidate, Los Angeles' Mayor Tom Bradley. The committee agreed that he would be an excellent choice, both a dignified and a well-known figure. Six weeks had passed, however, before President Goldberger told us that the Administration had found Mayor Bradley inadequate as a commencement speaker. No reason was given. What this implies, we can only guess.

At that time Dr. Goldberger gave us the names of three gentlemen he considered appropriate. None of the members of the committee were familiar with any of them, so we told him that we could offer no specific advice.

Three weeks passed, then *voilà!* We learn that Dr. David Hamburg, President of the Carnegie Corporation, has accepted an invitation to be our commencement speaker.

Dr. Goldberger's actions are inexcusable regardless of Dr. Hamburg's success as speaker. This is

the third year in a row that the students have had zero input to the final choice of who would speak at commencement.

Since we have no say about who speaks at our graduation it's not fair to let us believe that we do. Have the decency, Dr. Goldberger, not to raise our hopes falsely with a *pro forma* commencement committee.

—John T. Beck
Senior Class President

Vietnam Reply

To the Editors:

Like many of the pieces he writes, Huy Cao's *Vietnam* article left me unsure about what his point was. He claimed that Vietnam is a lousy place. No argument here. But I believe that he is confused about the meaning of the phrase "no more Vietnams in X" (fill in the country). I don't think he realizes that most Americans implicitly interpret the word "Vietnam" in that phrase to mean "American intervention as happened in Vietnam."

I think it would be useful to offer one common interpretation of the phrase "no more Vietnams in Nicaragua." It means no more U.S. intervention and killing to support a political entity (the *contras* in this case) that does not have the support of a majority of the country. Simple enough?

—Jonathan Nagler
Graduate Student
Social Science

More Vietnam

To the editors:

Huy Cao's version of Vietnam history (6 February 1987) is so simplistic and reactionary that he misses the real lessons to be learned from disastrous U.S. military adventures in the Third World.

To the extent that history *does* repeat itself, we can expect reruns of the following phenomena:

1) When the vast majority of a country bitterly opposes us; we will not, in any meaningful sense, win a "civil war" that we claim to be fighting in their name.

2) The best way to encourage people to adopt our political system is *not* to ram it down their throats.

South Korean Mess

by Maneesh Jain

For the past few years, student demonstrations and other forms of unrest have been commonplace in South Korea. In recent months the government has tried various strategies, including some very unusual ones to retain power as well as crush opposition.

For example, the spreading of rumors about the North Korean leader Kim Il Sung's death, which unfortunately backfired, dealing a severe blow to the credibility of President Chun Doo Hwan and his government.

Naturally, the copious use of police force to suppress discontent has not been free from violence. A fortnight ago, a student was tor-

tured to death while in police custody by repeated submersion of his head in a tub of water. The 21-year old student, Park Jong Chul, died as his throat was crushed against the tub's rim.

In spite of the ire this raised, the government has been bold, or more likely, desperate enough to bar a major rally scheduled this Saturday, in Seoul, to mourn the student's murder. Government officials say that the coalition of dissident groups is organizing the rally which will degenerate into a violent demonstration.

However, it is as likely that the government is simply giving itself justification for the incarceration (following the rally) of opposition leaders under the facade of main-

There is little doubt but that the average Vietnamese citizen would be healthier, wealthier, and happier under democratic rule than with the present regime.

So why didn't we win the Vietnam war? Certainly it wasn't because we had inferior military forces. Years of napalm and carpet bombing by the world's mightiest Air Force killed about 30 Vietnamese for every dead American, yet we were no closer to victory in 1973 than in 1954.

Cao would probably claim that lack of American "will to win" was the problem. What form would this "will" have taken? More bombing? We were already destroying as much as can be destroyed with conventional explosives and herbicides, and were getting nowhere.

The only military option left was to use nuclear weapons every place we found resistance, which meant the entire country. Perhaps then we could have won the war and installed a perfect form of government, but without citizens democracy doesn't mean much.

Cao implies that the two

choices Vietnam had were the present communist regime, or perfect democratic capitalism; and that more U.S. intervention would have provided the latter.

We can hardly blame the Vietnamese for failing to believe that we had their interests at heart. Their only experience was a long period of repressive French colonial rule (backed by the U.S.), followed by a series of corrupt puppet dictators (propped up by France and the U.S.).

Nothing can be proved about "what might have been", but if we had offered (heaven forbid) to help Vietnam throw out the French, or if we had simply abstained from invasion, the outcome may have been much happier (it *couldn't* have turned out much worse). There certainly would have been less misery, bloodshed, and pointless destruction of resources.

Similarly, we can expect Nicaraguans to feel just as we would feel after a century of cruel foreign domination: their first priority is independence. Can we

continued on page 6

taining order. This is substantiated by the arrest yesterday of 32 members of an organization called the "Constituent Assembly Group" for plotting a "BOLSHEVIK-style revolution" in South Korea, as the government puts it, indefatigably appealing to the general anti-Communist sentiment.

By banning a memorial service, especially for someone killed in Mr. Chul's circumstances, and continuing the arrest of the opposition, Chun's government will inevitably lose support.

In fact, the opposition, arrested as they will be while organizing the solemn and benign memorial ceremony, are likely to gain ground. President Chun is indeed in a tight spot.

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ENTERTAINMENT EDITOR

Jens Peter Alfke

INTERIM PHOTO EDITOR

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ANNOUNCEMENTS

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REPORTERS

Huy Cao • Estéban Gómez
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PHOTOGRAPHERS

Shubber Ali • Steve Bard
Joey Francis • Chris Meisl
Kent Noble • Glenn Tesler

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David Goldreich
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PRODUCTION

Mike Klein • Gaylon Lovelace
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GUEST EDITOR OF THE WEEK

Jay Lieske

THE CALIFORNIA TECH

107-51 Winnett Student Center
California Institute of Technology
Pasadena, California 91125

Phone: [818] 356-6154

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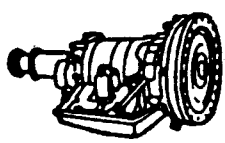
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ENTERTAINMENT

Frailty, Vanity, Satori

by Jens Peter Alfke

Human Frailty
Hunters and Collectors
I.R.S.

Australia's Hunters and Collectors now have a U.S. record deal and an album which, though more commercial than their others, is a worthy successor.

As always, their sound is built around Doug Falconer's pounding drumming and John Archer's grinding bass riffs. Both are good but not technically outstanding players, but the force and energy of their playing is inspiring—this is music to be played *loud*, you keep turning up the volume on each song until the rhythms overwhelm your hindbrain. (Their November live show was sheer satori, and I danced myself into a stupor.)

In the foreground are Mark Seymour's singing and guitar, both rough and straightforward. The

guitar, mostly unfuzzed, strikes out in counterpoint to the bass, in quick bursts at times, keeping quiet when not needed. Also appearing when needed are a real live horn section (who are an integral part of the band) and unobtrusive organ chords.

Hunters and Collectors are neither punk nor identifiably new wave (whatever the word may mean these days). Their music is rough and unpolished yet melodic, reflecting their origins playing Aussie pubs. They are resolutely honest and unpretentious (and for this, comparisons to Springsteen are easy though he's really not at all similar)

This trait is brought forth most clearly in Seymour's impassioned singing and lyrics. Past songs have ranged from surrealistic evocations of the Australian landscape to hard-biting looks at love and romance:

as the title "Human Frailty" indicates, the latter predominate here, though this time around Seymour shows more vulnerability than anger. In "This Morning," he dreads his lover's departure, feeling "strained and dispossessed, full of fear and trembling for her." The situation in "Throw Your Arms Around Me" is the opposite, a joyful awaiting of their meeting:

I will come for you at
nighttime.
I will raise you from your
sleep.
I will kiss you in four places
As I go running down your
street.

There's anger too: the narrator of "Say Goodbye" comes home from "three months of constant grind and travel" and his girlfriend jabs him in the breastbone and says "You don't make me feel like I'm a woman anymore." That night he feels that "my heart is beating too big... for the space that's meant to hold it" as he realizes that "the light is gonna leave you, and you're gon-

na fade away." Is it love he's feeling, or a sense of revenge after aging?

Equally disquieting is "Everything's On Fire," where he warns his wife that he might be unfaithful:

If I don't come home before
midnight
And I call out your name in
the dark,
You'll know that I've been
tempted,
And I'll know I've got no
heart.

The best lyrics of all are on the exuberant "Dog," in which he imagines himself a dog searching for his lover, finally finding her:

Your name is Hazel,
The hammer and tongs girl.
You've got fingers like
ginger-roots.
Now it's all comin' out into
the open,
And I'm lickin' your hand all
over.

Not that all the songs are about romance. "Is There Anybody In

There?" asks that question of Reagan, of Australian society, and of the wars that keep coming. "Relief" goes from an image of Mother doing dishes —

She puts her hands down
into the sink,
Scrapes the grunge up off
the bottom,
Down there beneath the
dishes,
Where the knives lay cross-
ed and waiting.

to a picture of Australians, "too satisfied to care," lying in the sun while the flag of peace hangs limp.

As with many of the songs on the album, you might very well miss the meaning of the words unless you stop dancing for a minute and pay attention to them, but an embarrassment of riches is just fine with me. Hunters and Collectors' quirky view of life, their passion and integrity are reflected both in music and lyrics, and this is an album both to uplift you and lift you onto the dance floor. *Human Frailty* is everything rock and roll is supposed to be.

How Wanted Loses

by Nick Smith

Wanted, Dead or Alive
Starring Rutger Hauer and Gene Simmons

First of all, any movie that features Rutger Hauer is at least somewhat worth watching. *Soldier of Orange*, *Bladerunner*, *Ladyhawke*, even the otherwise ordinary *Nighthawks* all showcase the skills of an outstanding actor.

Second, Gene Simmons is turning out to be a surprisingly good, solid actor.

Third, the film is a three-generations-later sequel to Steve McQueen's old TV show of the same name.

So how could it lose? Well...

Hauer plays Nick Randall, the great-grandson of Josh Randall (McQueen's character). That isn't really important, and if you've never seen the TV show, you will not miss anything important. The point is that they are both loners, both skilled at violence, and both make their livings by bringing in wanted criminals for a price. (They also both shun the "traditional" weapons—Josh Randall used a sawed-off rifle rather than a quick-draw revolver, and Nick Randall uses almost anything that *isn't* a Dirty Harry-style magnum. But I digress.)

Nick Randall is a former CIA agent who got fed up with bureaucrats, double-dealing, and pointless violence. Gene Simmons plays a world-class terrorist who has a world-class grudge against Randall. The whole thing is mis-orchestrated by the CIA, who want to sucker Randall into a situation of bureaucracy, double-dealing and pointless violence.

If the director had focused more tightly on Hauer and Simmons, the movie would have been very good. The problem comes from the cheap, stereotypical CIA agents who can't even trust each other, much less anyone outside The Company. The roles are badly written and badly acted, and ruin much of the film. It's a pity, because the other supporting roles (Randall's police officer buddy and his newest girl friend) are well-acted, even if a bit cardboard by nature.

There is a lot of violence in the film, but you can't really call it gratuitous. Hauer and Simmons each have reasons (albeit not entirely sane ones, as things progress) for their actions, and those actions escalate into a very violent climax.

Overall, it's a movie that should have been better, but it's worth seeing if you like Rutger Hauer.

The Spiritual in Art in L.A.

by Bengt Magnusson

L.A. county museum's new building for contemporary art opened last December, and their opening exhibition, "The Spiritual in Art—Abstract Painting, 1890-1985," will be open for another month or so.

The new building probably cost a lot of money, but is still terribly ugly—it looks like a factory and doesn't fit into the environment. It is also quite bad for displaying art—who has ever heard of south-facing windows in an art museum before?

Still, the art can always speak for itself, and this exhibition has a lot of good works. Maybe too many. It includes just about *everything*, and it gets difficult to absorb all of it in one visit. It doesn't help that the organization of the exhibition is semi-chaotic. It may be really hard to view it without a knowledge of the history of abstract art.

The exhibition first tries to show the roots abstract art has in symbolist painting; it then offers in-depth surveys of five major artists; and finally presents five themes supposedly important to abstractionism.

Munch's "Metabolism"

The symbolist survey includes some very good Munchs—"Metabolism," one of the few paintings whose frame is of fundamental importance, and "The Sun II." (Munch has, with van Gogh, been called "one of the two painters in art history that knew how to paint the sun.")

The five individual artists, given one room each, are Kandinsky, Kupka, Malevich and other Russians, af Klint, and Mondriaan. They give a decent representation of the East Europeans. You can follow Kandinsky's development, from representational works

("Lady in Moscow") to in-betweens ("Painting with White Form") to purely abstract ("Circles Within a Circle"). The colors of the Kandinskys are so bright! The decades have certainly not touched the pigments.

The exhibition has some really unusual works by Piet Mondriaan to show. As you walk around the room you can see the logic of his transition from landscapes to strictly geometrical works. In "Church at Drabourg," the forms are breaking up into patches. In "Tree" only a few lines hint at the object. "Composition #2 with Black Lines" is completely abstract. Take a good look at the large triptych they have, too—it is a very unusual Mondriaan.

Emergent Swedish Artist

Hilma af Klint was up to now a completely unknown artist—from **continued on page 6**

CALTECH MOVIE CALENDAR

Day	Date	Time	Class	Movie	Location
Mon.	2-16	7:30PM	H 131	Behold a Pale Horse	Baxter Lecture Hall
Tue.	2-17	8-11:00AM	Lit 11	Hamlet (Lawrence Olivier)	Baxter Lecture Hall
Tue.	2-17	7:30PM	Hum 103	2001: A Space Odyssey	125 Baxter



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CALL ME arex: more logical advice from Arex Wei, J.B.S.

Dear arex,
I have witnessed the great Red Empire fall beneath the pounding of a disc-hurling band of ugly but removable blemishes. My life has been pitched into a maelstrom of confusion and false illusions. I now dwell in a state of Ultimate depression. What am I to do?

—Broken Rose-colored Glasses

Dear Broken etc.,
I think it's time for you to rehash your values in life. Have you ever considered religion? It has a lot to say about what's good and bad in this confusing world. Take the Holy Church of Blacker, for instance. Many are those who now follow the Pope, speaker of the truth and deflowerer of virgins everywhere. Believe, young man! Praise the Master!

Dear arex,
I don't understand. My therapist tells me a hobby or some side activity would be good for me, give me time to understand interpersonal relationships. I take up cross-dressing for fun. Now I get lewd advances from some Prince wanna-be and a short basketball player. I kind of enjoy the attention, but I don't want to lead them on. Do you think I should stop?

—Fake 36's

Dear Fake,
You know as well as I do that flirting is a risky cat-and-mouse game, and pretending to be something you're not is even worse. Get off of transvestivity and try something normal, like bingo.

Dear arex,
I have this problem: how does one DO seven guys at once?

—Snow White

Dear Snow White,
DO? What do you mean, DO? If you mean "DO" as in "DO their hair," then you get hired help. If you mean "DO" as in "DO perverted physical acts," then you get hired help. I wish you would be more specific with the verb "DO," but in almost any case it looks like you need to get hired help.

—Arex

Dabney: "A what?"
"So what else is new. The Inside Worlds are always self-referential."
"You mean like... what do you mean?"
"It's a really stupid idea. Don't do it."
"You're not writing this down, are you?"
"You've been reading too much Hofstadter. The whole self-referential thing has been done to death."
"It's a blatant attempt to be interesting and amusing when you're pout of ideas. Maybe somebody else should write the Inside World."
"I don't understand. What would be in it?"
"Ooh. That's really going to freak some people out."
"Wait. How can you have people give their reactions to something that doesn't exist yet?"
"Froshly. Very froshly. Beneath even you."
"Techers are too savvy. They won't be amused."
"Don't include what I say—beyond that, I don't care."
"I don't even read the Inside World."
"Go away. I'm busy."
"What was the question?"
"Um—how would I feel about it? Fine, I guess. But what would be written in it exactly?"
"But that doesn't make any sense."
"Uh, let me get this straight. This week's Inside World is just going to be a bunch of comments by people about what they think about an Inside World being a bunch of comments by people about... That makes absolutely zero sense. I mean, I could say 'fish' and you'd have to put it in there, right? What are you writing this down for?"
"The question's meaningless. Self-reference is just an artificial name for a confusion of identifiers. It doesn't exist, not really."

—The Writer

Fleming: Midterms week has been kind of dull, except I thought I saw a rainbow in the direction of Alley 4. But no, it was only Jim Burleigh's face.
I guess I kind of owe an apology to Randy Brown's mom. Don't worry about your son, he says the rash is clearing up, and that 15-year-old girl was just "late." So you really have nothing to worry about.
Road Rallye is Saturday. Be at Damage Disco Softball with the Darbs on Sunday (watch Jim Catch more grounders with his nose).

—Boy Wonder

Lloyd: In order to conserve valuable Inside World space, we have generously agreed to donate our space this week to The Blacker Reader. Page party Saturday.

—Jethlo, Skeetel, and Jelemiah

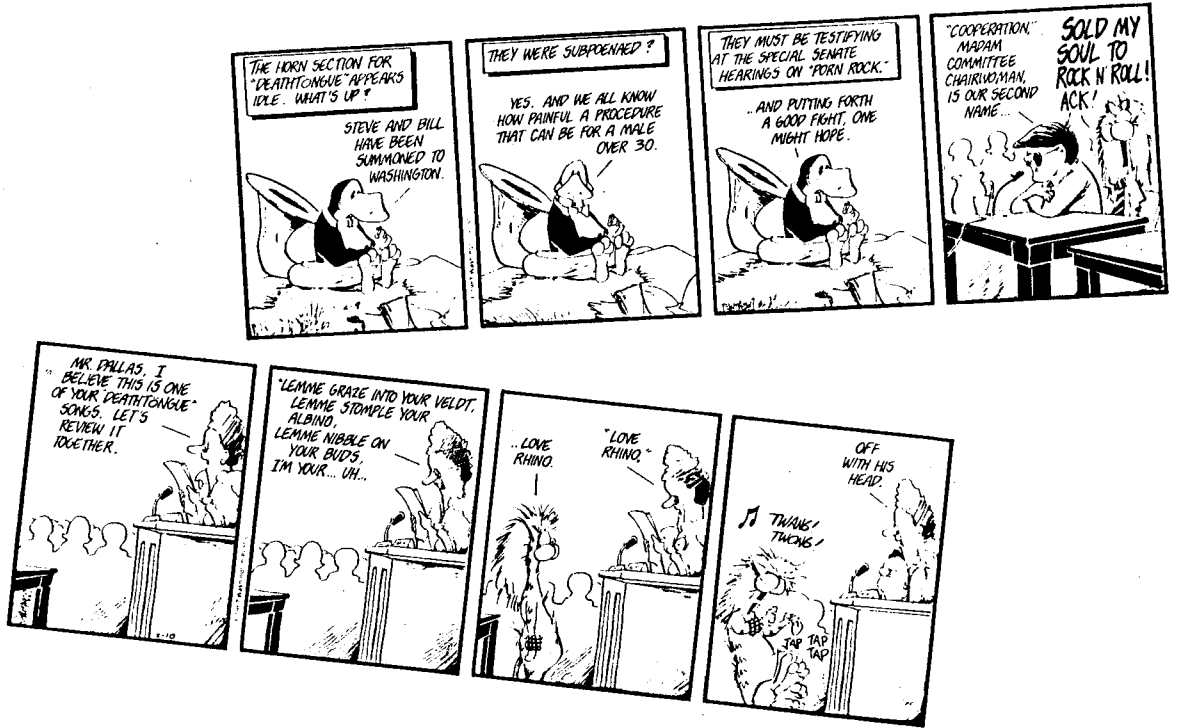
Page: "All of the North Houses are Page House."—Brian Lemoff
Ha! I can see it now. We'll make the seven student houses into three. We can move all the computers into what is now Lloyd, we'll have two more libraries to throw stuff out of, twelve more bathrooms to pass out in, and the PGR room, so the Triple won't smell so funny. (Umar.)
Ricketts will have two courtyards for flaming drunk people to play ball games with arcane rules. There will only be three Inside Worlds so half of mine won't get

continued on page 5

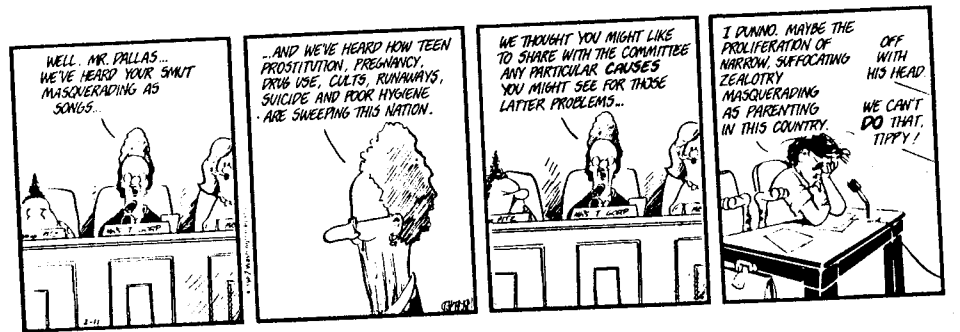
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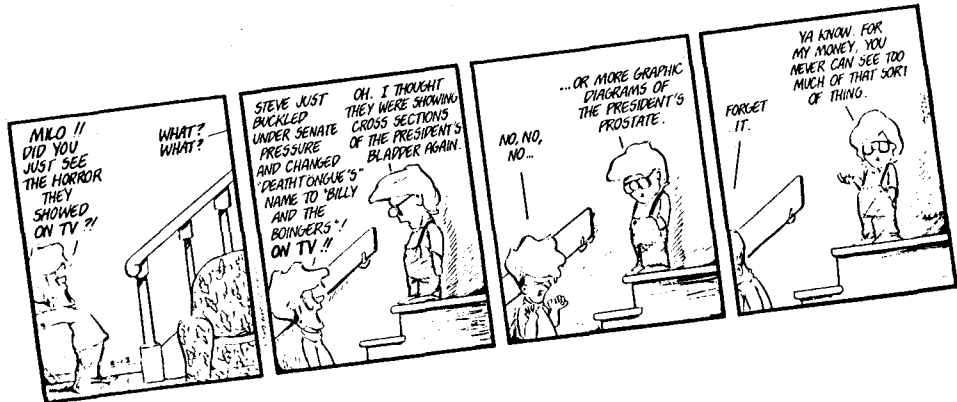
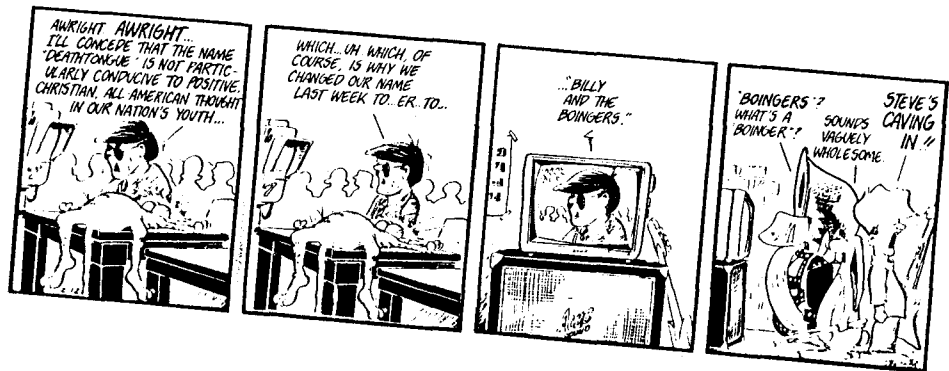
THEATER ARTS AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY PRESENTS



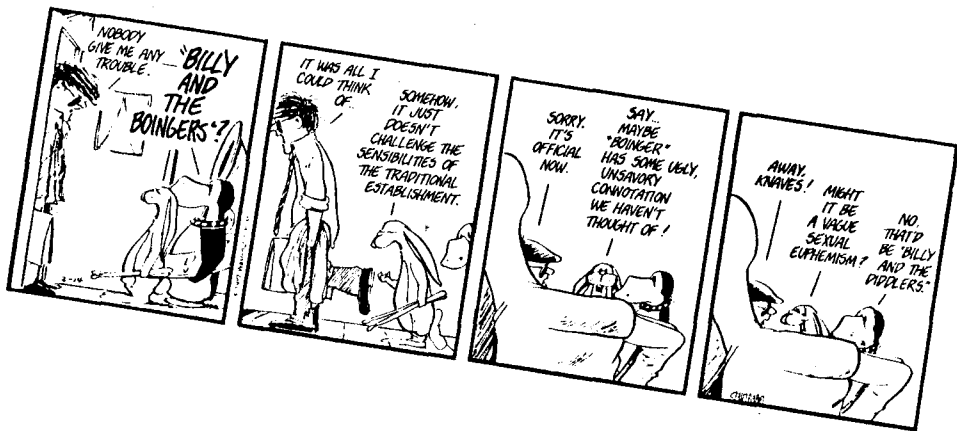
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PHOTOGRAPHY BY RONALD GIDSEB DESIGN BY MARK DAVID NIELSEN



by Berke Breathed



More Inside World

from page 4

hacked out each week because of some other unnamed group which publishes a novel-length column. Ha!

The Big Red Fleming (now Fleming/Dabney) Phallic Symbol will be moved into the south courtyard where it can be appreciated more deeply. It will also make a convenient high-dive into the hot tub. The new shirts will be red and green, and the former Flem/Darbs will most likely be referred to as "Fags," so the Flems can keep all of their things with big "F"'s on them, and the Darbs won't feel left out. But this idea probably won't make it past the IHC.

More pertinent stuff: Read the unedited version of last week's Page Inside World. Most of the minor officers were not mentioned in the Tech due to lack of space.

The Housing Office bought new furniture for PAGE HOUSE. That means, just because your house didn't get any (at least not this month, you jerks!) doesn't mean you can steal ours and put it in your room or out in your hallway next to the telephone. We'll come get it back soon enough. You know who you are. Umar.

There's a new flick/troll/jam/party room in 666 (supposedly reserved for 666 and LA Soph's and non-nurl) containing some of the non-stolen furniture as well as the re-stolen TV (move your truck, JimBob) and coffee tables.

The (empty) Beer Fridge was moved to make room for all of this stuff, causing the Coke Machine to be moved to its new location by the Severities who didn't want the (empty) Beer Fridge in their territory (i.e., the Computer Room.) No, this room is not just reserved for the Friends of Larry Flint.

New Drinks: Rum and Coke and ice, in a blender at high speeds until a slush-like consistency is achieved. Like a slurpee, except it gives you a buzz (slowly). Bag o' Vodka: Fill a Bota (leather bag especially designed for drinking out of (formerly used by Greek shepherds to drink out of)) with Vodka. Drink out of it. The Bag gives the Vodka a wet-leather-like taste, for those of you who are into that. Of course, after a few hits it really doesn't matter. The proper way to drink is to shoot it into the back of your throat and swallow before you taste it (no, you don't suck on it. It's not one of those. Just the swallowing part's the same, Umar.) Serves one alley, about sixteen random frosh, or Wayne and half of the above groups. The Orange Sleazeball: Rum, Triple Sec, and Orange Crush. Served only at Mike's Bar & no-Grill. See Page 204 for advertisement. Classic Coke and A&W also available.

-The Lizard Lives

Ruddock:

Shove in your earplugs...fasten your seat belts...You are about to be blasted by some classic rock-n-roll...The all new, way whippin' wicked, god-awesome bitchin' Excomm-unicators are back and they're better than ever.

Wayne 'Jose' Lukens on lead harmonica replaces Biff 'Metallica' Yamazaki's stirring(!?) guitar solos.

Joe 'Lola' Fierro does lead vocals... (No big surprise there.)

Ahmed Istilcan'tspellyourlastname is coordinating the Excomm's appearances with WHAM!

Derek Holland will be managing cash flow and enforcing the group's yuppie image. Munir, Jeanette, and Ron will be arranging gigs and beer, parties and beer... and in general making this band so exciting you could p*k*.

Manny and John will be coordinating the moves and Dave Procter will, hopefully not be handling too much bookwork.

In previous years this group put out such classics as "Where have all the Rudd Shirts Gone?", "I Wanna Be Your Pledgemaster" (guest appearance by Tugboat), "How Much is That Dinner Guest in the Window?", and many more. They are now looking for a more exciting image. Good Luck! and Congratulations!

INSTALLATIONS are tonight, Friday the 13th, in the lounge. Dress your best for pictures, fine champagne, elegant munchies, poignant memories of the past (I guess we'll be getting rid of that couch...) and psyched enthusiasm for the future. HAPPY MIDTERMS!

-Bets the Frosh

Bishop Vega

from page 1

times of Somoza. In addition to physical torture there is now psychological torture too." In his own case, Bishop Vega was removed from Nicaragua, even though he constantly kept communication with the government. At the same time, he also did not remain silent as the government wanted him to, and because of that he was forced to leave.

According to him, the *contras* are not as we imagine them to be. "The *contras* are all the elements opposing the regime, just the people." As an example of *contras*, he mentioned the peasants who he says have been worse off under the present government. When asked whether the farmers aren't better off now, the Bishop replied that no, they are not better off, and that the

redistribution of land to peasants is not true. In addition, "the farmers aren't allowed to know about the profit they make."

When asked about Amnesty International reports of human rights violations against the *contras*, the Bishop rhetorically asked, "Why would they kill their own people? The *contras* are the people. There are many cases I've heard where the Sandinistas kill people, and then say that the *contras* did it. Many cases. The people have to say this too because they can't really say what they want." He criticized the methods of organizations like Amnesty International because they do not find out what the people really think, but rather, only what they say, which is sometimes restricted. From his inside perspective he said, "I think some of what they report is not what I see there."

The Bishop described the Sandinistas as "totalitarian."

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ENTERTAINMENT

LETTERS

L.A. County
Museum of Art

from page 3

Sweden, no less. She stipulated that none of her works were to be shown in public until at least 30 years after her death, and it is only now that they start to emerge. Most of them were painted around 1910, and knowing what Swedish society was like back then, we find them very radical, daring, and alien. It is remarkable, though, how well her works fit into the tradition of abstract art, considering that she worked in complete artistic isolation.

The five "themes" explored in the next five rooms are "Cosmic Imagery," "Duality," "Vibration," "Synthesis," and "Sacred Geometry." I don't understand these themes at all; they don't seem to tie in with the paintings used to illustrate them, and in the few cases a painting does seem to tie in with one of the themes, it is in a different room.

This part of the show is very confusing. It would have been better to make the whole show more chronological, and to group the major artists and movements together. (For example, abstract expressionist paintings together with other major works by its artists in one room, pop art in another.)

Organelles of the Cell

Oh well. I still have to report what they are showing, not what they should show. "Cosmic Imagery" is well illustrated by Lee Mullican's "The Measurement," a very radiant painting which seems to show the whole universe as a single cell, the components of the universe being organelles of the cell.

"Duality" shows Hartley's "Painting #47, Berlin"—very similar to the famous "Portrait of a German Officer," where the subject is represented by related objects like signs, medals, etc. Barnett Newman's divided canvas "Onement II" has a duality in the title. Rothko's "Vessel of Magic" is for some reason displayed here. It was painted in the same period as his "Slow Swirl at the Edge of the Sea;" its theme is *myth* more than anything else, a theme very important to abstract art that they don't even touch upon in this show.

The Vibration Room

"Vibration" is supposed to deal with auras and the form-creating, living pulse of the universe. Wilhelm Morgner—who certainly looked a lot at van Gogh's art—is represented by a painting which, with its vivid brushstrokes, is very vibrating indeed.

Robert Irwin creates a different kind of vibration: thousands of tiny green and pink dots blend optically some distance from the canvas to form a gray surface. Therefore, as you move relative to the canvas, it does seem to vibrate a lot.

"Synthesis: sounds can be tasted, colors heard." (Cf. Rush: the color of your heartbeat.) I don't know about this theme, but they do have a nice painting by Jan Toorop where a ghostlike organplayer is flowing away with the music created.

Finally, we have "Sacred Geometry," asserting that geometric forms embody mystical truths. Well, I suppose Wally Hedrik's "Hermetic Image" pretty much summarizes that aspect of the theme. Jasper John's target paintings are here, which makes sense,

but none of Ellesworth Kelly's work made it into this room.

Rothko and the Ranger

The big boo-boo, however, is that they hung a couple of Rothkos here. Rothko, if anyone, *never* let geometry be the leading force in his painting. The Rothkos they have are quite good, though; especially "Plum and Dark Brown." It is a really meditative painting, showing a doorway into a deep, deep mental landscape, marvelously created on a flat canvas without any hint of perspective or depth.

To summarize, the current show at LACMA is organized in a very confusing manner, but the works they show are so incredibly good, first-rate (Munch, Mondriaan, Rothko) that they still more than merit a visit. Take the Pasadena Freeway downtown, go west on the 10, and follow the signs "L.A. County Museums" from the freeway until you get there.

Vietnam Reply

from page 2

blame them for not trusting us after we have repeatedly invaded them (starting before Communism was even invented)? After half a century of life under U.S.-owned and

-operated Somoza dictatorship?

Imagine, after the overthrow of Somoza, that the U.S. had said, "We're sorry about all the misery we've caused you, and now we want to help you live in peace. Of course, we'd like to see you form a democracy like ours, but you can do *whatever you want* and we'll



The TACIT crew pose. See ad, page 4.

photo by TACIT

never mine your harbors or supply weapons to right-wing 'rebels'. In fact, just to get you started, we'll spend \$100 million on new schools and hospitals, and the same amount to put Nicaraguan students through college in the U.S. How easy would it have been for Ortega to shut down La Prensa, let alone become a Soviet client?

We'll never know what would have happened if we had used a positive, peaceful approach in Cuba or Vietnam. Soon it will be too late to try it in Nicaragua.

I agree with you, Mr. Cao; let's not have another Vietnam. *FOR ONCE*, let's try some response other than immediately reaching for our guns.

—Peter F. Gray
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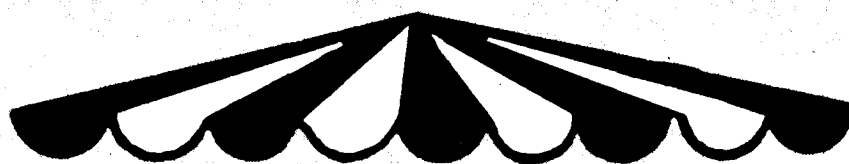
others, who yearn to play with and develop ideas, are rare. We have them at BBN. Actually, we pay people to play and to stretch their genuine intelligence. Want to join them?

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public eventsDUKES OF DIXIELAND
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CIT student prices to the Dukes are \$8.75-7.50-6.25; CIT rush tickets go on sale the day of the show for \$6.00. CIT faculty and staff prices are \$15.50-13.00-10.50; TECHTIX for the same price as student tickets go on sale today between noon and 4:30 p.m. (Limit 2 discount tickets per CIT I.D.)

Cellist Rick Mooney and pianist Mike Kong come to Dabney Lounge on Sunday at 3:30 p.m. Included in their program will be pieces by Beethoven, Brahms and Shostakovich. This concert is open to the public and free of charge.

Next weekend opens with two exciting events. 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 also begins next Friday, featuring the production "How To Succeed In Business Without Really Trying." This production runs from February 20 to March 1 in Ramo Auditorium with performances on Fridays, Saturdays and Sundays. Tickets are priced at \$9.50 general admission; \$8.00 students.

Cleo Laine and John Dankworth return to Caltech Saturday, February 21 at 8 p.m. Laine's four-octave 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.

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.)

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

SPORTS

Hockey Streak Continues

by Jason

The Caltech hockey team once again has a winning streak after their latest win, 9-2 over USC.

The game was close for two periods but in the third period the Beavers broke the game wide open. In the first period J.P. Bardot got

the first of his two goals (to go with his two assists) with Pierre Harvey getting the first of his two assists and Jim Toth getting the first of his three assists.

Jim Bower (2 goals) also scored that period with Mike Freeman (3 assists) assisting. In the second

period Martin Brouillette (3 goals—that's a hat trick folks!) scored a shorthanded goal off of a faceoff in USC's zone.

Others worth noting: Phil Askenazy (1 goal), Lionel Laroche (1 assist), Jim Hutchinson (1 assist), and Dwight Berg who in

addition to getting an assist scored a goal on a slap shot from outside the blue line.

The Beavers' next game is Wednesday night at 9:45 against this same USC team. And remember kiddies, never swear at a ref in French 'cause he'll probably know what you're saying.



photo by Robert Paz

Skaters scramble for a shot on the puck as the Beavers' lead mounts. The streak of victories continues this week with Tech's 9-2 win over USC.

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Sat.	2-14	10:00AM	Swimming (M/W)	U.C. Riverside, PCC, Loyola	Caltech
Sat.	2-14	11:00AM	Track	La Verne, Whittier, Masters & Christ College	Caltech
Sat.	2-14	12 NOON	Baseball (2)	Pac. Coast Baptist Bible Col.	P.C.B.B.C.
Sat.	2-14	1:30PM	Tennis (W)	Redlands	Redlands
Sat.	2-14	2:00PM	Tennis (M)	Claremont-Mudd	Claremont-Mudd
Sat.	2-14	7:30PM	Basketball	La Verne JV	Caltech
Sun.	2-15	All Day	Wrestling	Dual Meet Tournament	Cal State Fullerton
Sun.	2-15	1:00PM	Women's Soccer	Misfits	Blair High School
Tue.	2-17	2:30PM	Baseball	Pac. Coast Baptist Bible Col.	Caltech
Tue.	2-17	3:00PM	Tennis (M)	Pomona-Pitzer	Caltech
Wed.	2-18	1:00PM	Golf	Redlands	Claremont-Mudd
Wed.	2-18	3:00PM	Tennis (W)	Pomona-Pitzer	Caltech
Wed.	2-18	7:30PM	Basketball	Whittier JV	Caltech
Wed.	2-18	9:45PM	Ice Hockey	U.S.C.	Pasadena Ice Center
Fri.	2-20	TBA	Swimming	SIAC Championship	TBA

A WORD FROM "PYTHON" PISCOPO EX-WRESTLER ABOUT MILLER LITE



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WHAT GOES ON

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.

Eat Surf

According to the Surf Club, a shop called The Body Glove/Dive and Surf is having a wonderful clearance sale this weekend, for people interested in diving or surfing gear. However, since The Body Glove didn't buy an ad, and the Surf Club didn't tell us the hours or location of the sale, you'll have to find it yourself. Have fun.

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.

Career Day

The 6th Annual Caltech Career Day will be held on Thursday, February 19 in Winnett Lounge. There are 33 companies attending. Take this opportunity to research a variety of organizations. Feel free to bring your resume (for both summer and career positions) to hand out. All members of the Caltech community are welcome. For more information, contact the Career Development Center, Room 08, Parsons-Gates, x6361.

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BOC Rep-at-Large Interviews

The first round of interviews for BOC reps-at-large will be held on Monday, 16 February, from 7:30 pm to about 10:30 pm. Sign-up sheets are posted near the mailboxes in the houses, and will remain up through Saturday night, 14 February. A schedule of interview times will be posted near the mailboxes by Sunday night.

First round interviews last about five or six minutes and consist of general questions and discussion of two hypothetical situations involving honor system violations.

About six candidates will be asked to return for second round interviews (about 20 minutes long) to be held Wednesday evening. For more information, please contact any member of the Board of Control.

Anniversary Concerts

The Arnold Schoenberg Institute of the USC School of Music is celebrating its 10th anniversary with a pair of special performances this weekend. Tonight and tomorrow night at 8:00 pm, the complete String Quartets of Schoenberg will be performed. Both performances will take place in the Institute's Performance Hall. The American String Quartet and mezzo-soprano Jacalyn Bower will perform. Tickets are \$10.00 general admission, \$5.00 for students and senior citizens. For tickets call the USC Ticket Office, (213) 743-7111. For more information, call the Institute at (213) 743-5362.

Science Fiction Club

The Caltech Science Fiction Club will begin having regular meetings starting this Wednesday, 18 Feb 87. Meetings will be every other Wednesday at 7 pm in the Y Lounge (upstairs Winnett), unless otherwise specified. This week we do have the lounge; we also have free munchies and soda, and the second episode of *The Hitchhiker's Guide to the Galaxy* television series. For more information, call Mark Loooper at 304-0006.

A Natural Outlook

The last of the "Science and Transcendence" lectures, entitled "Natural Science, Natural Living, Natural Outlook" will be taking place in room 24, Beckman Labs on Thursday, February 19 at 8 pm. The speaker is Leopold Halpern, Ph.D., a Senior Research Associate at JPL, visiting from Florida State University. Contact the Y for further information.

Cold, Soft and Wet

The Caltech Y will organize a series of one-day ski trips to some local (within an hour's drive) ski grounds over the coming long weekend, Feb. 20-22. If you always wanted to learn to ski yet managed to chicken out at the last possible moment, this is the big opportunity to prove yourself! Sign up at the Y for one or more days. Beginners are especially welcome. Call for details at x6163.

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.

Gay & Lesbian Discussion Group

An ongoing discussion group on Gay/Lesbian topics is held every Tuesday evening from 7:30-9:45 pm 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.

Skeptics Shatter Superstitions

The Southern California Skeptics and the Caltech Y will present a free public lecture by Dr. Frances Cattermole-Tally entitled "American Popular Beliefs and Superstitions." This lecture will take place at 2:00 pm in Baxter Lecture Hall. The lecture is free and open to the public. Seating is limited. Books and literature will be available.

Superstitious notions and folklore abound in contemporary American life. Many people harbor familiar notions about black cats, breaking mirrors, sprinkling salt, avoiding cracks in the sidewalk, walking under ladders, rabbits' feet, coins standing on edge, and the numbers seven and thirteen, etc.

What are the roots of these and literally thousands of such popular notions that affect people from all walks of life? Why do people believe in them? What is the media's role in spreading superstition?

Dr. Frances Cattermole-Tally is from UCLA's center for the Study of Comparative Folklore and Mythology and is the Associate Editor and Editorial Supervisor for the *Encyclopedia of American Popular Beliefs and Superstitions*.

For more information, call 791-4543.

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Honda Raffle

Final results of our ongoing effort in the Oingo Boingo-Honda Raffle are here. One red Honda scooter is to be raffled off. Fifty cc and a maximum speed of thirty-eight mph, this scooter is awesome! Second prizes include a 'vision' skateboard, tee-shirts, video-games, five-dollar gift certificates, and more. Tickets are one dollar apiece. If you are interested in buying tickets or selling some (sell ten and get one free), see Adam Slovik in Fleming, room 8½ or call him at 577-8509. Drawing to be held 28 February. Only CIT undergraduates eligible. Judge's decision is final.

Swing Party

On Saturday, February 14th at 8:00pm in Dabney Hall Lounge, the Caltech Jazz Band will provide music for an evening of swing. Under the auspices of the Alumni Association, the Caltech Y, the Graduate Student Council, Master of Student Houses, and Office of Student Affairs, the dance will be open to all free of admission, and refreshments will be served.

Women In The Middle East

A series of three 26-minute long, award-winning films on women in the Middle East will be shown at 8:00pm on Wednesday, 18 February in 147 Noyes Lab. Vicki Tamousk will lead a discussion session after the films. Sponsored by The Caltech Y, the Middle East Studies Group, the GSC and the OWC.

Career Information Meeting

On February 16th, from 4-6 pm, TRW will be in Winnett Lounge (at least as much of it as fits).

Money For Mariners (Marinists?)

Undergraduate students who are residents of Marin County and have financial need can apply for the 1987-88 Marin Educational Grant. Students must complete the Student Aid Application for California and the Marin Educational Grant Application. Grants range from \$500 to \$2,000. Deadline is 1 April 1987. More information is available from the Financial Aid Office, 12-63.

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.

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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 Teacher 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.

SSSSP Summer Jobs

Lee F. Browne, Director of Secondary School Relations, needs 12 teachers and 15 counselors for this year's SSSSP program. Counselors will be living in the student houses with the SSSSPers, and 3 people each are needed to help the high-schoolers with: Chemistry, Molecular Biology, Physics (with Calculus), and Physics (with Trig). Undergrads interested should call x6207 or go to the Secondary School Relations Office at 515 S. Wilson and talk to Lee Browne or his secretary Virginia.

Interned In New York?

The National College Internship Service, specializing in internship development for college students, is now accepting applications for summer 1987 internships. Placements are available with sponsoring companies in New York City, on Long Island and in Westchester. For further information or application material, contact: National College Internship Service 374 New York Ave. Huntington, NY 11743 or phone (516) 673-0440.

Naval Scholarship

The American Society of Naval Engineers is offering a \$1,750 scholarship for 1987-88. To apply you must be a full-time student in your junior or senior year, a U.S. citizen, interested in a career in Naval Engineering. Information available from the Financial Aid Office, 12-63. All application material must be received at ASNE Headquarters by 15 February 1987.

Money For Women

The College Women's Club of Pasadena is offering scholarships for 1987-88 to full-time undergraduate and graduate women. Scholarships are for \$2,000 and can be used for tuition/fees, textbooks, and lab fees. Applications are available from the Financial Aid Office, 12-63. Applications and requested forms must be returned to the Financial Aid Office by 13 February (that's today, ladies!).

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