VOLUME LXXXIX NUMBER 25

PASADENA, CALIFORNIA

FRIDAY 29 APRIL 1988

# W.A.T.S. Lines

by Stephen Lew

The growing number of telephone extension numbers needed by the Caltech Community has made it necessary for the Campus Telephone Office to change the access code used to reach the long distance WATS lines.

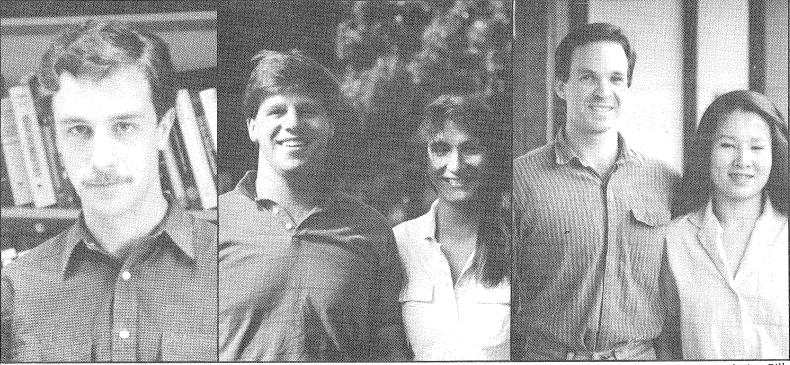
The previous campus long distance access code which was reached by dialing the single digit '8' will be changed to a new two digit code. The new access code will be '73'. This change will take place *today* effective at 5:00pm. All other dialing procedures will remain the same.

Caltech has used-up nearly all of the Direct Inward Dialing (DID) extention numbers assigned to it by the phone company. In the future, new extention numbers will be assigned that begin with the number '8'.

If you don't have a long distance access number and want to use the WATS lines service, student access numbers are available at the Campus Telephone Office in room 124 of Dabney Hall. The room is located outside on the southeast corner of Dabney Hall near Thomas.

The WATS lines were originally made available to Caltech's Undergraduate students in 1975 when the Tech uncovered a big scandal surrounding the free social phones that were available in the student houses.

The lounge social phones were then reduced to institute extensions, but house officers were given phones to use for house



Presenting the new RA's at Caltech. Bruce Paton (left) will be the RA in Lloyd House, in which Jay and Nancy Giezen used to rule. Replacing Bill At the right are Eliot and Mia Fried, the new RA's of Braun. and Lynn Carr Healy in Fleming are Barry Krueger and Anita Harper (center). Not pictured: Charles Rubin and Meghan Miller, the RA's of Ruddock.

Unfortunately, the phones were inappropriately returned to social phones status when house officers gave into social pressure. The Institute decided that it could no longer afford the roughly \$5000 per year that the phones cost. The IHC then decided to scrap the idea of social phones and go with the WATS lines service.

To help you remember this change in access numbers, keep in mind the following mnemonic device. On a standard telephone the number '7' corresponds to the letter 'R' and the number '3' corresponds to the letter 'F'. So if you dial 'RF' you will be accessing the long distance telephone service. You should always keep in mind that "dialing long distance equals

If you have any more question, contact the Campus Telephone Office at x4741.

# Mother's Day Protest

by Ian Dutton

Corresponding with Mother's Day, next Sunday, May 7, Westside SANE/FREEZE and Mothers and Others Connecting All will be sponsoring a peaceful demonstration at the Nevada Nuclear Test Site. The target of the protest is nuclear weapons testing.

The Nevada Test Site, 65 miles from Las Vegas and 350 miles from Los Angeles, is the only U.S. facility where nuclear weapons are exploded. Tests are conducted at the Nevada Nuclear Test Site once every three weeks on average, with each test costing anywhere from 6 to 60 million dollars.

According to spokeswoman Lisa Alvarez, "The Nevada Test Site was chosen because nuclear testing is the engine of the arms race. Without testing, the development of new systems like the Strategic Defense Inititive would be drastically curtailed." She also noted that the extreme cost of testing could be directed to more human needs, such as, "caring for the growing number of homeless and poor and providing for affordable housing, education, and health care."

Mother's Day was chosen because it was originally set up to be a day of peace. As stated in 1870 in the original Mother's Day Proclaimation by Julia Ward Howe, it is a day "to promote the alliance of different nationalities, the amicable settlement of international questions, the great and general interests of peace."

Last year on Mother's Day, 3000 people from around the Southwest gathered in Nevada to voice their disapproval to the military's testing program. Among them were eight members of the Caltech community. Four of the eight Techers joined more than 500 others in getting arrested for their actions, charged with trespassing. In all, 746 citations were issued for "civil disobedience."

When the demonstrators from Caltech were arrested, they, like many others, refused to give their names. Instead, they chose to show permits from the Shoshone Indians, on whose land the tests are conducted. The Shoshones claim the land was taken from them unfairly, giving a secondary meaning to the protest.

The Nevada protesters will be joining thousands of other men and women aiming their actions at four regional U.S. weapons facilities across the nation, although the principal action will take place in Nevada. One of the goals of these protests is to encourage the United States to adopt a Comprehensive Test Ban Treaty in order to start progress towards putting a halt to the international arms race.

In order to insure the peacefulness of the action, there Please see PROTEST, page 7

# Harry Gray Honored

[CNB]-The California Museum Foundation has named Harry B. Grav. Arnold O. Beckman Professor of Chemistry and Director of the Beckman Institute, the 1988 California Scientist of the Year. Gray, who has been at Caltech since 1966, was cited for making key discoveries in determining how living cells store energy. The foundation serves as the nonprofit support arm of the California Museum of Science and Industry, and the \$5,000 award will be presented at a black-tie banquet at the museum on May 4, 1988.

'We're all extremely proud of Dr. Gray and thankful to the California Museum Foundation for recognizing his important work," said Thomas E. Everhart, president of Caltech. "Dr. Gray is the eleventh Caltech professor to be zunnananananananan

named Scientist of the Year since the award was established in 1958. Caltech is a relatively small institution, and this remarkable record makes it obvious that there's something special here that nurtures scientists of extraordinary quality."

Gray studies chemical reactions involved in "electron transfer," a fundamental process that is responsible for energy storage and conversion in all living cells. For many years, chemists believed that electron transfer would have to occur between atoms in contact at very short range, but Gray's experiments have demonstrated that electrons cam jump across at least 30 atoms in a large protein molecule in less than one-millionth of a second. This research affects a broad range of scientific issues, including computer miniaturization,

energy storage, and the effort to develop an artificial counterpart to photosynthesis, the process plants use to gain energy from sunlight.

Gray, 52, began his experimental work in inorganic chemistry at Northwestern University, where he completed a Ph.D. in 1960. After doing research on liquid field theory as a postdoctoral fellow at the University of Copenhagen, he went to Columbia University, where he became a full professor in 1965. He moved to Caltech in 1966. where he served as professor of chemistry from 1966-81, as William R. Kenan, Jr. Professor from 1976-81, and as the Arnold O. Beckman Professor of Chemistry since 1981. He was chairman of the Division of Chemistry and Chemical Engineering from 1978-84, and in 1986 was appointed Director of the Beckman Institute, which is currently under construction on the Caltech

An author or co-author of 15 books and 425 scientific articles, Gray has received more than two dozen honors and awards. These include the American Chemical Society Award in Inorganic Chemistry and the National Medal of Science. He was elected to the National Academy of Sciences in 1971, and has received honorary degrees from Northwestern University, the University of Rochester, and the University of

# Saffman Named Fellow

[CNB]-Philip Saffman, professor gravity waves of permanent form." of applied mathematics and executive officer for applied mathematics at Caltech, has been elected a Fellow of the Royal Society of London.

Founded in 1660, the Royal Society is among the oldest and most prestigious scientific societies in the world. Isaac Newton served as one of the society's first presidents. Its approximately 1,000 Fellows – most of them citizens of Great Britain—are chosen for their precminence in research in the natural

In announcing Saffman's election, the Royal Society noted that he is "distinguished for his many important contributions to fluid mechanics, including pioneering advances on the theory of viscous fingering, the interaction of molecular and macroscopic mixing in a turbulent fluid, and the dynamics of homogeneous turbulence. He has made discoveries of great significance concerning deep-water

Most recently. Saffman's research has focused on Rayleigh-Taylor instability, which is related to laser-induced fusion for controlled thermonuclear energy; on the search for symmetry breaking in 3-dimensional finite amplitude water waves, and the effect of capillarity on wave properties; on the mechanism of vortex line breaking and reconnection in the collision of vortex rings; and on the existence and properties of vortical structures in viscous shear flow. The latter investigation involves an attempt to understand possible mechanisms for the onset of turbulence.

A native of England, Saffman earned his B.A., M.A., and Ph.D. degrees at the University of Cambridge's Trinity College. He came to Caltech as professor of fluid mechanics, a position he held from 1964 to 1970. He has been professor of applied mathematics since 1970 and executive officer for applied mathematics since 1985.

# \*\*Tech Meeting In \*\*Baxter Hall Toda Baxter Hall Today

The staff of the California Tech will meet this afternoon in Room 127 of Baxter Lecture hall at 12:15pm. All undergraduates who are interested in writing, news. photography, or even editing are invited to attend.

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# The California Tech

EDITORS-Eric Fung • Stephen Lew • Chandra Tucker

Entertainment Andrew Hsu Sports Scott Kister

PHOTOS
Alex Athanasopoulos

Announcements
Josh Kurutz

# **Affirmative**

To the Editors:

I would like to express my gratitude to President Everhart for moving Caltech's affirmative action policy out into the open. In the 18 months that I have been at Caltech, this is the first time I have heard any official source recognize that the underrepresentation of women, in particular, is a genuine anomaly, and further that it is a rectifiable problem.

Further, solving the problem will only serve to improve the quality of work at Caltech, both by taking advantage of the complete range of talented people and by providing an environment in which women (and underrepresented minorities) may fulfill their potentials.

The administration's historical side-stepping of the unjustifiable representation of women has provided tacit legitimacy to prevalent Caltech attitudes about the problem: it doesn't exist, or it will go away by itself, or it is a natural result of factors beyond Caltech's control; it need not be discussed.

Bringing the issue into the open is a very positive sign. Many of us hope that this is the harbinger of action that will bring Caltech to par with its peer institutions.

Sincerely, Suzanne Paulson

# Diversity

To the Editors:

I would like to respond to the letter in last week's *Tech* protesting the fact that Caltech offers a special pre-frosh weekend for women.

If I were 17 again, trying to decide which college to attend, it would take a considerable amount of persuading to get me to consider Caltech. In fact, a special weekend complete with dinner at the Ath probably wouldn't do it, but it would be worth a try. I would be very uncomfortablle about entering such an overwhelmingly male institution; I would prefer to attend a school where the opportunities and achievements had historically been more evenly distributed between women and men, and I would wonder what factors existed to so effectively discourage women from attending.

A special pre-frosh weekend for women would tell me that the Administration is interested in increasing the number of women at Caltech and is willing to make a special effort to draw them in.

Sions 2963 and 296 in advance of Ditc at extension 3631.

So, is it worth the effort? Should we encourage women to come here? I would argue that there is an inherent value in diversity at an educational institution. Not only do women benefit by access to a Caltech education, but the entire Institute benefits by their contributions and the greater diversity their presence provides. (And I don't just mean it makes it easier for undergraduate men to find a date.) Put another way, the entire institution suffers when only the views of men are expressed, and science suffers when it is done only by men. I do not believe that science is done in a vacuum, completely gender-neutral and valuefree. But then, that's another letter.

I would hope that both male and female members of the Caltech community can see special efforts to increase the opportunities for women at Caltech not as unfair to men but as increasing the vitality, diversity and viability of Caltech as an educational and research institution

Sincerely, Cindy St. Clair Grad student, Chemistry

# **D-Day Media**

To the Editors:

With Ditch Day just around the corner, the Office of Public Relations has once again started making plans to coordinate the news media's coverage of this event. To this end, we'll once again set up "Ditch Day Central" in the Y Lounge on the second floor of Winnett. Reporters and camera crews will be able to contact Ditch Day Central for general information on Ditch Day and for updated reports on specific stacks.

We encourage students, both stackers and stackees, to make creative use of Ditch Day Central. For example, you can use it as a clearinghouse for requests for assistance or as a repository for clues of one sort or another. Or you may just want to drop by for the coffee and doughnuts

We also encourage everyone else on campus—faculty, staff, graduate students, and postdocs—to come by or to phone Ditch Day Central if you see interesting, bizarre, or photogenic things going on.

to so effectively discourage men from attending.

A special pre-frosh weekend women would tell me that the ministration is interested in in-

Sincerely, Bob Finn Office of Public Relations

7:30 & 10:00 pm

\$1.50 for others

# letters to the editors

# Miseditorial

To the Editors:

Stephen Lew's editorial venture into the Persian Gulf (Is it necessary?, April 22, 1988) in last week's issue was perhaps commendable in that it injects some interest in issues not usually addressed in *the Tech*. In addition it has helped me clarify my own understanding of principles of discussion, for reasons that might bother the author.

I believe that the way he presents his views is not a very responsible treatment of the issues and in fact has serious harmful effects. I disagree with Lew on this issue now, but once I would have agreed with his views. I hope that others who agree with them at least can defend them more effectively than he does in this editorial.

What is wrong with it? Well, in strictly rational terms, we are not being told anything we don't know already. If we care about the issue at all, we already know a lot of people believe what he says about Iran—that the Iranians are crazy and irresponsible, that mining the Persian Gulf is especially nasty and illegal, and that as a responsible world power we should eliminate this threat.

What an editorial could do for us, as this one does not, is make a reasoned argument for a particular interpretation of the events. The editorialist can arrange facts and attempt to show why one interpretation rather than another is reasonable. For example, I, who disagree with Lew, argue that while Iran does violate international law, the United States has violated the same law in Nicaragua, so we should not devastate another country (the logical conclusion of our escalation) and expend numerous American lives overseas in the name of a principle we do not obey ourselves.

Lew could attempt to show why Iran's actions are indeed much worse than our own, or why our activities are more justified than Iran's. He is not restricted to countering fact with fact, since the editorial is an opportunity to present models which the editorialist believes are correct, and to deduce the logical consequences of these models, for the enlightenment of the reader. In short, the editorialist can present thought on the subject rather than straight reporting. The editorialist can even discuss nonrational reasons for belief in a given understanding of the meaning of events.

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Lew's piece, however, does none of these things. It simply repeats a message that we hear constantly, shedding no light on any part of it.

Worse, people are not purely rational. In agreeing with the general murmuring about the issue, Lew strengthens people's tendency to believe what they always hear. Consider the psychological effect of hearing a claim made over and over again, in tones of strong assurance, with no alternative thesis offered. "What I tell you three times is true." The human mind is such that people tend to accept such claims as the truth after a while, and tend to become emotionally committed. Such claims can shape a person's beliefs to the point that the most fantastic claims, sheer fabrications and rumors, are accepted as the truth, despite internal logical contradictions or denial of readily observed fact.

If we permit our commentaries on the news to be simple repetitions of widely accepted conclusions without the reasoning by which they were reached, we have both tossed aside a valuable tool for our own responsible thought, and exposed ourselves recklessly to psychological forces which will affect our own thinking in an irresponsible fashion.

I have reason to believe that much of what passes for thought and analysis in this country, even at some of the highest levels of decision-making, is just thisreinforcement by repetition of unreasoned and inflexible positions. I have seen purportedly scholarly lectures on foreign policy and morality by respected pillars of the foreign policy community that reduced to essentially the same content as Lew's editorial, and took forty minutes to say it. We are largely ignorant of our ignorance because we believe that we have thought about issues that we have only heard glibly presented, and have few models of genuine thinking around us to show us the difference.

I am not at all sure to what extent we are deliberately manipulated by this technique consciously applied, or to what extent the manipulators themselves fall victim to it.

Manipulated or not, growth out of this sad state is possible for anyone, fortunately. In high school I wrote a letter to my hometown newspaper, defending Britain's ac-

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California Cryobank, Inc. 2080 Century Park East #306 Los Angeles CA 90067 tions in the Falklands, in the same manner and for the same reasons as Lew defends ours in the Gulf. I made similar mistakes, trusting my World Book Encyclopedia to give me a balanced and unbiased history of the region so I could quote a couple of impressive and (it turned out) misleading facts. (Lew should remember from high school that the U.S. didn't enter World War I until 1917).

I later found that attempting to understand the world rather than assuming I already do may be far less gratifying to my ego, but far more likely to enable me to grow as a person and as a responsible member of my community. I now hold opinions diametrically opposed to those I held before, and it happened by processes of growth that I went through as I struggled with mental challenges presented by those who disagreed with me. I often arrived at a third position which neither I nor my challengers had held before. And I respect those I continue to disagree with, unless I perceive that their disagreement stems not from a different view of what is important or from knowing different facts than I know but from a willful refusal to think and take the consequences.

Sincerely, Mark H. Foxwell



### THE CALIFORNIA TECH

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REPORTERS

Alex Athanasopoulos
Chi-Bin Chien • Ian Dutton
Janine Hopkins • Bengt Magnusson
Leslie McCaffree • Randy Pollack
Mack Rhinelander • Tony Wittry

PHOTOGRAPHERS

Teri Engelhard • Teresa Griffie
Michael Keating • Panos

Tharrouniatis

PRODUCTION
Nick Smith

Nick Smith

BUSINESS
Jonathan Chow
Jimmy Yang

CIRCULATION Michael Keating Gavin Claypool

THE CALIFORNIA TECH
25-58 SAC
California Institute of Technology

Pasadena, California 91125 Phone: (818) 356-6154

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# entertainment

# Dr. Feynman on Disc

by Andrew Hsu

Have you always wanted to listen to Dr. Feynman tell stories but unfortunately, never got around to attending one of his lectures? Well don't despair. The creator of Surely You're Joking Mr. Feynman, Ralph Leighton, has recently come out with the ultimate piece of Feynman memorabilia - Feynman on

The recording, simply titled The Safecraker Suite, is more than something that you'll buy, listen to once, and then store away. Included in the recording is not only Feynman telling the story of how he learned to crack safes at Los Alamos, but also a sample of Feynman's drumming abilities, which are actually quite good. Granted that Feynman was never planning to become the next Buddy Rich, the rhythms that he, Ralph Leighton, and Thomas Rutishauser play are varied and rather interesting, originating from all parts of the world.

The first track of the disc is titled "Drum Sessions" and was the result of drumming sessions involving Feynman, Leighton, and Rutishauser. This track actually consists of three parts. The first, called "Orange Juice" was created by Feynman one night out of thirst for his favorite drink. The next part "Threes" was titled according to the beats in the measure although Leighton claims that Feynman never counted while drumming. The last part, "Echo Machine," actually has very little drumming at all. Here Feynman demonstrates his playfulness as he and his friends experiment with a home-made echo

The next track, along with the rest of the even numbered tracks, contain stories about safecracking in government atomic research labs at Los Alamos and Oak Ridge. While the stories also appear in Leighton's Surely You're Joking Mr. Feynman, the fact that Feynman is now telling the story, complete with his tangy New Yorker inflections, gives the recorded version an extra dimension over the book.

Besides the first track, another drumming track worth mentioning is the seventh track. This composition, entitled, "Cycles of Superstition," was originally part of a soundtrack for a ballet. "Cycles" is divided into four different sections - the Introduction, Naomi's Theme, Tic-a-Tac, and Crazy Drum. According to the liner notes, the themes in the introduction represent various society ladies with Naomi being the highest of them all. Although "Cycles" does feature a drum built by Ralph and his father, the renowned physicist Robert Leighton, the most appealing feature of this track is that it is the only track recorded in stereo.

Although "Cycles of Superstition" is the only stereo recording on the album, much credit should be given to Tohru Ohnuki, the album engineer, for really doing an excellent job of transferring the original tapes of Feynman's storytelling and drumming, which were never intended for release, into a suitable master. While a bit of motor noise from the original tape deck is present during the storytelling tracks, I found the inadequacies in the original recording easy to ignore in light of the fact that I was listening to an actual recording of Feynman talking.

I recommend the Safecracker Suite to anyone who has never gotten to listen to a Feynman story first-hand. Not only do you get to hear how Feynman learned to break into safes at places like Los Alamos, but you also get to listen to him play his drums, crack a few jokes while drumming, and even fake some Japanese. But most importantly, in light of Dr. Feynman's death on Feb. 15 1988, Ralph Leighton, has decided to generously give all proceeds to the Richard Feynman Memorial Fund at UČLA's John Wayne Cancer Clinic to support cancer research directed by Dr. Donald Morton, Dr. Feynman's doctor during his last years. Currently, the Safecracker Suite is only available only through the Caltech Bookstore and Ralph Leighton. The recording consists of 10 tracks and runs about 70 minutes. The album is available on CD and cassette tape format.



# Want to listen to Richard Feynman playing the drums? Pick up your copy of Safecracker Suite today. Photo courtesy of Public Relations Record Reviews Aliens Naked

by Randy Pollack

Aliens Ate My Buick? Believe it or not this is Thomas Dolby's latest album. For this album he has added a backing band, The Lost Toy People. Even if you don't like Dolby, check out the album cover; its great. Be sure to notice the Mickey Mouse ears.

For those of you who have grown to know and love his first two albums: "The Golden Age of Wireless" and "The Flat Earth", this album may sound strange. This isn't surprising considering that it has been four years since "The Flat Earth".

"Aliens" benefits from the added band. The bass player is great. Most of the songs benefit from his presence. The rest of the band also helps; the added instruments help to fill in some of the openness of his earlier albums.

please see ALIENS, p. 7

at their best on tour, playing live, but they haven't toured in three years. The individual band members are all working separately: Chris Frantz and Tina Weymouth on another Tom-Tom Club album, Jerry Harrison on a tour in support of his solo album Casual Gods, and David Byrne on a combined stage/film project with Robert Wilson. The rest of the band has complained that Byrne gets all of the attention. With all these centrifugal forces pulling

The Talking Heads were always

them apart, who expected Naked? And, having heard it, who wouldn't be happy? Complicated, meaty rhythms; weird and terrible singing; cheerful songs about lawnmowers; wonderful lyrics that don't make sense, but shine flashlights into your brain from odd please see NAKED, p. 7

Pink Floyd

by Bengt Magnusson

You all know about the thirteen regular Pink Floyd albums which span two decades, from The Piper at the Gates of Dawn in 1967 to A Momentary Lapse of Reason in 1987. Hard core Pink Floyd fans may wonder if there is more released Floyd-related music, if it is any good, and how to get it. There is, and I will give brief reports on some of them (not included will be the numerous bootlegs, among them several live recordings).

Relics, Great Dance Songs, and Works aren't really all that obscure. They are all collection albums, and only feature one new song each: "Biding My Time," a remixed version of "Money," and "Embryo" respectively. More obscure is what is really their first album, Masters of rock [EMI, CO54-04299]. There is some overlap between this and The Piper... and Relics, but contains several songs you can't get elsewhere. The songs are all very typical of early Floyd, when Syd Barret was still the leading figure in the band.

Pink floyd wrote part of the soundtrack to Zabriskie Point, an artsy movie you won't find in your local video store. Again typical of early Floyd, their three songs are release on Zabriskie Point [CBS 70279, Hollywood Collection, Vol. 61. Other bands included on the record are The Grateful Dead, Jerry Garcia (solo), and Patti Page.

The movie version of *The Wall* is significantly different from the album version and definitely worth to have. It includes two songs not on the album, a very different version of "Empty Spaces," and slightly different versions of all other

All members of Pink Flovd have released at least two solo albums each. Gilmour's two and Waters' later two are quite well known, but Waters' first one needs mentioning. Co-written with Ron Geesin in 1970, Music from the body is a delightful experiment, quite reminiscent of the studio part of *Ummagumma*[EMI IE062004615] with songs like "Bridge Passage for Three Plastic Teeth" or "Embryonic Womb-Walk." (Just sit through the "questionable" first song, and you will be rewarded.) There is supposedly a movie that goes with this album, too.

please see FLOYD, p. 7

### AMATEUR PHOTOGRAPHERS **ARISE!!!**

Have you shot a photo of the Caltech campus that you especially like? well, here's your chance to see it in print. Work is now being started on the 1989 Caltech Calendar, which will contain 13 color photos of the campus taken by the Caltech community. You're invited to submit your favorite 35mm color slide or color photo to Dlorah Goforth, Graphic Arts Facilities, Mail Code 17-6, Extension 6705, by June 1. Winners will receive a free calendear and \$25!

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# Inside World

This week's Inside World was brought to you by:

Blacker: Marty O'Brien Dabney: Brian Lemoff Lloyd: Chris Nolle Ricketts: Mike Meckler

Ruddock: Betsy Andrews, Munir Bhatti, Wayne Lukens

This week's Inside World was edited by: Dave Long

**Blacker:** In commemoration of the demise of the classic rock era, marked by the fall of *Dark Side of the Moon* from Billboard's up 200 album chart, we have the following blank space of silence.

In further tribute to the good times of the past, the following were submitted for inclusion into this week's Inside World. BREATHE

Breathe, breathe in the air Breathe deeply if you dare Wheeze, believe me Look around The air is all brown

Long you'd live and high you'd fly If you didn't have to taste the sky For all you touch and all you see Willl put your lungs through misery

### COMFORTABLY DUMB

Helio, are there any questions?
Just stop me and ask them if you want to
Does anyone care?
Come on now, I hear you're failing this
I can ease your flame, get you on the ball again
Relax, I need you to go to recitation first
Can you tell me where it's vague?

It makes no sense, it's all confusing
A distant thought, a term in the equation
The lecture's only coming through in waves
The prof's lips move, but I can't hear what he's saying
When I was a frosh I had a feeling
My brain felt just like tapioca
Now I've got that feeling once again
I-l1 have become comfortably dumb.

O.K., just one more final There'll be no more AAAAAUUUUUUGGGGGGGHHHHHHH But you may feel a little gone Can you still write your name? I do believe it's working good That'll keep you going through the term Come on, it's time to learn

to make so sense, it's all confusion
A distant board, too many equations
You are only coming through in particles
Your lips move, but I don't know what you're saying
When I was a frosh I had a flatiling grasp
Back in the corner of my mind
I stopped to think but it was gone
I cannot put my finger on it
The time has flown, my brain is gone
I-I-I have become comfortably dumb

### SLIME

Acing each and every serve off each and every table side Eyes of freshmen get real googly as the watch the balls collide The object ball jumps in the air, flies toward the pocket like a dove Your time has come the game is over as I hear you say "Five-Love

PUS AND PHLEGM (With better rhymes than PF's version)

Pus and phlegm phlegm phlegm And after all, it helps rid to yourself of them Pee and poo poo poo poo God only knows, it's something that we need to do

Urine and blood Help a healthy bod Get things from place to place Mucous and spit And that stuff from your zit All come out of your face

Plaque and goo goo goo goo goo Riologists know which is which and who and who Up and down down down Your heart pumps blood around and round and round and rouns

Blood, sweat, and tears And the wax in your ears Can keep us physically fit But diarrhea And a little smegma Can make me vomit

- Matter of fact, it's all dark

Dabney: Well, after hours of torture and bubble-sorts, the final list has finally been compiled. To protect the innocent, the name of the gentleman (hereafter to be known as Mr. X) who selected these lucky winners from a field of at least twenty will remain confidential. So here they are, ladies and gentlemen, in order, the top ten women of Mr. X:

1. Miriam Myjak Liz Warner Stephanie Shore

4. Ami Choksi 5. Laura Anderson 6. Bibi J-N 7. Celina M 8. Miriam Yee 9. Jennifer Low 10. Dee Morrison

Congratulations to all of the winners. A special congratulation goes to the three repeat winners from last year, i.e. the Paul Babes. To all of you women out there who didn't make the cut, I offer my sincere condolences; better luck next year. In case you missed the past two Dabney Inside Worlds, here is a short summary: Last week:

Two weeks ago:

Now that everyone is caught up, we can begin to recount this week's events: First and foremost was *The Call*. Olivia called Stanley to invite him to the party she was having on Wednesday night. Since none of the other ODFCers were invited, Stan had to make up a story about Olivia inviting everyone out to lunch in order to explain the phone call. SUCKERS! While everybody was arguing over who would get to eat with Olivia, Stan was partying the night (and the early morning) away. It will be interesting to see how the writers of The Wonder Years choose to explain Karen's pregnancy.

Almost as important was the roompick on Monday night. Spectators came from as far away as Page House (Michael, if you're reading this, you should return the bong and the needle to room 24) to witness the gala spectacle; they were not disappointed. Adam Greenblatt and Andrew Huntington surprised all of those present, when they announced that they were entering the pick with hopes of rooming together in upper seven. Their hopes were shattered, however, when Al picked room 40, the room in which Andrew and Adam had hoped to live. Rooms 36 and 20 quickly went to John Hart and Brian Craft, respectively. This left rooms 1 and 7 with one opening each. Huntington settled for room 7 and Rus May, while Greenblatt was left with room 1 and Susan "5 kHz" Howard. It certainly is comforting to know, after years of incompetent secretaries, that Jennifer can actually run a roompick in which absolutely nobody gets screwed.

Finally, we say "au-revoir" to Tom and Alex. Good luck, and we'll see you (and Darien???) in September.

please see INSIDE WORLD, page 5

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### **BLOOM COUNTY**









### by Berke Breathed

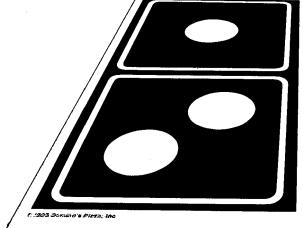








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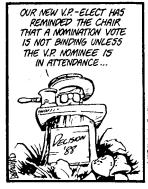
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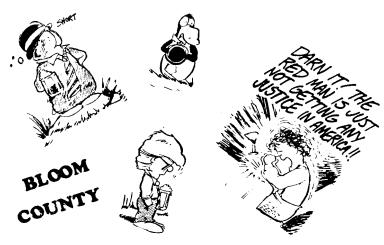












# More Inside World

**Lloyd:** While the Gieze is away the mice will play. To satisfy R.A.- exchange invariance (ugh!), new special bonus R.A. Bruce Patton made an appearance and took command of announcements. Lloyd concluded IH b-ball ast week, winning the bronze in an all- around solid effort. It's a young team, destined for future greatness. Not-so-bonus disco softball defeat action against that, uh, other house. Tennis begins. Social team extends their fine performance with execution of successful kick-out. Cheung, overzealous about the kick-out concept and perhaps eyeing a position as successor to Earl, took out the shed door. Of course you all know this stuff anyway. The Hagenlocher

New burger and fries for only ninety-nine For a guy like me that's mighty fine. Burgers real fresh, I wanna make that clear, With new wedge fries both done right here. Tastes so good, can't stop at one, At this itty-bitty price, gonna get me some. Coach might get mad cause I'm cheatin' a smidge, But what the hey, gotta fill up the fridge.

Ditch Day Is Tomorrow.

King of Spin

Ricketts: How can you tell I'm running for office? I'm writing Inside World. Every other previous Inside World writer now holds some Ricketts office. Of course, once they get that office, they're too busy to do Inside World any more, so the duty falls to the next poor slob. I don't know who'll be doing it next week: I'm going to Washington D.C. Like I said, I'm running for office.

As room picks for next year draw closer, opportunities magically appear. What opportunities? I've heard some women are so desperate for a room in Prexy that they'll room with anyone in the Prexy double. You don't even have to be a star tennis player. Sleazy, I know, but I've heard worse strategies.

Continuing in the will-I-get-censored vein, two ex-Inside World writers are frantically seeking an answer. The Question? "What is the volume of an average male ejaculation?" Somebody please tell them before somebody else decides to exhibit experimental evidence.

A half-hearty chorus of "thanks" goes to the social team for providing us with mediocre entertainment in the form of a pre-Frosh party (Four Square and root beer? and TWBM. Me? I'm shooting for a chaperoned 50's party. If anyone needs the rules for *Throwing Smiles*, see da prez.

Conformity rules! Starting now, all incoming Frosh and new social members must shave their heads and adopt the Official Ricketts Hovse Haircut. No exceptions. All this is part of a greater effort to make ourselves more like our beloved neighbor, Fleming.

In our bad taste department, Madonna videos have been making appearances in the lounge lately. If Alex likes them enough, he may be able to convivce Vijay to replace Porn Movie Night with Madonna Movie Night. TWBFWM! Four Square and Madonna! Wait, here comes Gonzo! He launches himself toward the VCR— and is intercepted by Kirk. Kirk drives Gonzo to back to the dining room, but Steve now has a wide opening! Katryn blocks! Tom connects in a crushing tackle! Bodies are flying everywhere!

And they say the sophomores don't participate in piles anymore.

Ruddock:

Help me. You must help me. You see, last year all my friends and I were heartlessly booted off campus like pieces of garbage. They promised it wouldn't happen again, but now I'll have to move in with Biff because I'm being booted off AGAIN! Help me please!

Do everyone a favor - kill yourself. No one has the time or patience to deal with you people.

Frink Zappa

Dear Frink. I went to Canada and didn't get laid. Is there something wrong with me?

Canada is like a great Regina. If you can't lay some pipe there, you should change your sexual preference or join a monastery.

Frink Zappa

I never believed these letters were real until it happened to me. I was at the movies, when suddenly it felt as if there was a large sandbag on my head. The sandbag felt so warm and comfortable that I didn't say anything for a while. Finally, though, I heard several people yell, "Hey Guy! There's a fat, naked woman sitting on your head Guy! That ain't cool!"

Dear Bellhead, I'm really jazzed about your story. Here's some advice: shampoo, rinse, repeat.

My husband is forcing me to move to an evil big city against my will. He spends all his time in lab and doesn't even know me anymore. For example, he has forgotten my name. Oh, if there was only a big strong man out there who could make me feel young again.

- An R.A. who wishes to remain anonymous

If you don't love him, you're not really married anymore... and I'm very strong.

I used to be infatuated with a girl in my class who only goes out with grad students. Just as I lost interest in her, however, she became interested in me. What should I do? - A Canuk who thinks he's French

Paul, stop writing these stupid letters. F.Z.

Ha! Ha! I just had to tell someone about the most amazing RF ever. I convinced my entire house to drive to Hollywood and see World Gone Wild, possibly the worst movie anyone's ever seen. It had everything: a purple spandex body suit, Adam Ant, and Hydrogen dioxide. What more could you ask for?

Bhatti Language

Very Funny Asshole! How does an SPP hider in Room

Frink Zappa

# - sports

# Track Sets P.R.'s

### by Alex Athanasopoulos

After a series of hot-weather meets, the Caltech track team had a chance to compete in nice cool weather at the Pomona Invitational last Friday. This was the most interesting meet so far, because of the number of teams involved. There were a few hundred participants, requiring some running events to use as many as five heats.

Strangely enough, Pomona had few participants in their invitational, they were possibly resting for the conference finals this week. However there were a multitude of colleges present from Southern California and beyond. Some schools from the East Coast used the meet as an excuse to come to California for spring break.

The slight wind and the temperature drop that started early in the afternoon were not an obstacle to some athletes who recorded their best performances of the year. Junior Sean Hillyard ran his best time ever in the 400m (51.76). Tom Tetzlaff and Dan Kollmorgen ran their fastest hundred (11.82 and 11.86), as well as their fastest 200m (23.99 and 24.03). Konstantin Othmer also ran a PR in the

200m with 23.64.

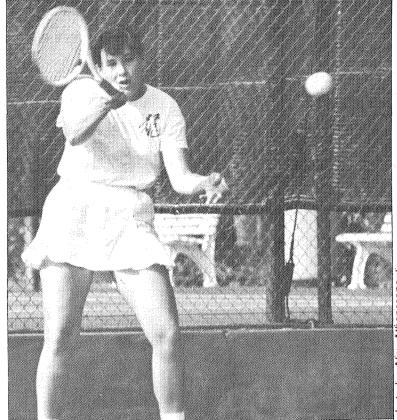
John Gehring ran one of his fastest 1500m in his four years on the team with a 4:06.30. Scott Kister, Ed Naranjo, and Mike Ida, ran the 5000m in the chilly late afternoon. All ran their fastest time ever, with Kister running in the sixteens (16:53). Paul Socolow ran the 400 hurdles in 60.03 which is his best time in college, but is still far from the 56 seconds he ran in high school over lower hurdles.

Steve Harkness put the shot 38ft 6in. Randy Ralph high jumped his usual 6ft 2in, although he is certainly capable of going higher. Bibi Jentoft-Nilsen cut more than four seconds from her 800m time, running it in 2:31.25. Liz Warner ran the 100m hurdles in 19.01.

Track season ends today or tomorrow for most of the team, at the SCIAC championships at Occidental college. In both days the competition starts at 5:00, placing most of the events at night under the lights. The men can place fifth out of seven in the conference, if they beat LaVerne and Whitier again. The women will finish sixth if they beat the one woman team of LaVerne.

# WEEKLY SPORTS CALENDAR

Date	Time	Sport	Opponent	Location
4-29	TBA	Tennis (M)	SCIAC Conference Finals	Occidental
4-29	12 noon	Tennis (W)-	SCIAC Tournament	Caltech
4-29	TBA	Track	SCIAC Championships	Occidental
4-30	12 noon	Baseball (2)	Pac. Coast Baptist Bible College	P.C.B.B.C.
4-30	TBA	Tennis (M)	SCIAC Conference Finals	Occidental
4-30	All Day	Tennis (W)	SCIAC Tournament	Caltech
4-30	TBÁ	Track	SCIAC Championships	Occidental



Bibi J-N apologizes after kicking an opponent. The Misfits retaliated, 2-1.



# Soccer **Finishes**

### by Chandra Tucker

Last Sunday, the Caltech women's soccer team ended its season with a bang. (Well, perhaps a pop or fizz would be more apt.) The team increased their season scoring by 33 precent in this game against the Misfits.

The game started out fairly slow, with even competition between the two teams. The Misfits held off the attacks of Caltech's offense through off-sides tactics by keeping their defense at midfield. Caltech was not used to this tactic, but eventually formed an effective method of penetrating the Misfit defensive line.

On defense, Tech held back the opponents forwards. Still, a few balls slipped by, making the score 2-0 in favor of the Misfits by halftime. At goalie, Betsy Andrews (aka "bumblebee") had to face two direct penalty shots. Tensions rose as she faced, one-on-one, the penalty kicker. She caught the first penalty kick, and the second bounced off the top of the goal.

In the second half, Caltech improved greatly, launching numerous attacks by the offensive line. The Beavers got off quite a few shots on goal, culminating in a goal by Lynn Hildemann towards the end of the game. The final score was 2-1 Misfits.



Randy Ralph takes a backward dive over 6 feet high at the Pomona Invitational. Several Techers set personal records.

Wet-n-Wild

# Women's Water Polo

### by Janine Hopkins and Leslie McCaffree

The Caltech women's water polo team proved that water polo is the only "real" sport at Caltech, by winning three of their last four games. According to the latest analysis by volunteer assistant Clint Dodd, the team is peaking now, just in time for the SCIAC tournament at Claremont this weekend.

The polo team played in the second annual SDSU women's water polo tournament, April 16th and 17th, in San Diego. Caltech beat Redlands and City of Commmerce on Saturday, but lost to Verdigo Hills on Sunday. Clint Dodd deserted the team for Sunday's game. It was a good thing he did, however. The celebration Saturday night tired the team. According to one team member, "we played like slugs.'

The weather for the games was

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miserable — thunderstorms and overcast. The definition of water polo clearly states that the main objective is to get a tan.

The next game was played in more bad weather. The polo team defeated Pomona-Pitzer, on Wednesday, April 20th, in the pouring rain. Like usual, only the strong at heart showed up for the game. The game was tied 2-2 at halftime. After a quick pep talk by Clint the "Dodd squad", the team came back to win 7-5. Janine Hopkins scored five of the seven Caltech goals.

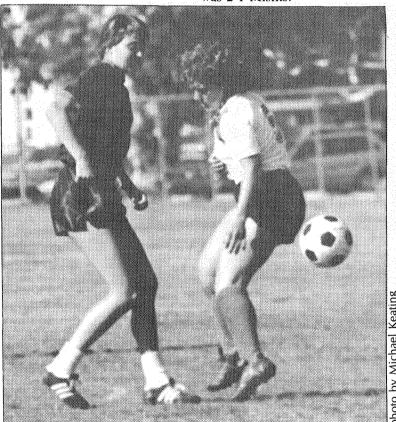
The power of the "Wrath of

Dodd" has proven itself consistently this season; in the three games in which Clint showed up to pull us through with his fearless coaching maneuvers, we have won. In the others, under coach Ted Rogers, we have hung on until the last quarter but then lost. A message from the team, "Get with it,

There are no more home games AC tournament at Claremont this weekend, a game at Whittier May 7th, and at UC Riverside May

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Laura Hernandez takes a deep gulp of air as she follows through a typically powerful forehand. Tech women lost, 6-3, to Cal Lutheran.

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will be a required nonviolent civil disobedience training course this Saturday. Interested persons should call (213) 452-5068 for more information. As for getting to the test site, transportation can be provided - buses leave from downtown L.A. late Saturday night, May 7, and return Sunday night, May 8 and will cost 30 dollars.

The Caltech WorldWork group meets three Wednesdays per month in Baxter. They are concerned about such issues as Central American affairs and the environment, as well as actions such as this. The Caltechers who attended

Aliens, cont'd from page 3

My favorite song on the album is "The Ability to Swing". The song starts with a great bass line and snapping fingers. I saw him live last summer when he was just starting to work on the material for the album. This song was a great hit with the audience, none of whom had ever heard it before. The song's just a tad too slow to dance to, but the rhythm just sort of takes you with it.

The first voice you will hear on the album is Robin "Let me drool on your money" Leach. He reads the introduction to "The Key to Her Ferrari". Now here's a song that would be a dream come true for Freud - were there no Prince songs available. While he has cleaned it up some from the first time I saw him last summer, don't expect to hear it on main stream radio stations.

angles. After the last two Heads

albums, which had just the four

core members with an occasional

steel guitar thrown in, this album

has a Stop Making Sense-size

group, with horns and African

drum players with apostrophes in

their names. Happily, it still has the

steel guitar. The sounds made by

all these instruments interweave

and work together, keeping you oc-

cupied with the music while the

Naked, cont'd

from page 3

last year's demonstration were Floyd, cont'd members of this group. In March, members of this group participated in another protest at the Nevada Nuclear Test Site in which five thousand protesters occupied the test site for nine days. Two thousand arrests resulted, including the arrests of some Techers.

On a personal note, the author plans to attend the disobedience seminar as well as the Nevada protest. I would be glad to take people to the seminar on Saturday (I will be taking the bus to Nevada), and welcome others to call (795-0858). Also, Erica Harvey, a grad student who was involved with last year's action, can offer more information.

Also on the album are "Hot Sauce", a song with a slight salsa beat, but that is not where it gets its name. This song, which follows "Airhead" negates the admission made in that song. The character "Hot Sauce" is the proverbial large hearted whore. In spite of the lyrics, the music saves the song.

Thomas Dolby is playing at the Roxy the eighth and ninth of May. The Roxy is a very small club on Sunset Blvd. It is a great place to see anyone. If you can, listen to the new album before you buy tickets; last summer he did not play much of his older material. He did play his two classics: "Blinded with Science" and "Hyperactive". If you like the new material or just like seeing good acts in a small hall, go see Dolby. He has a great stage presence and his bass player can really play.

\_\_\_\_\_ lyrics sneak in through your ears.

drums and rhythm guitar covering, and wonderful picked guitar parts sprinkled on top. Meanwhile, the lyrics are singing about one of David Byrne's daydreams. The a big way, buildings and freeways have been taken over by flowers and trees, and he stands there wondering where it's all gone. "This was a Pizza Hut/Now it's all

On "(Nothing But) Flowers",

the combination is irresistible. The bass line is the foundation, with world has gone back to nature in covered with daisies...I miss the

from page 3

Waters participated in yet another movie soundtrack, When the Wind Blows, [Virgin Records, CDV2406, 1986]. Bowie, Squeeze, and Genesis also participated on this record. Its style is very similar to Radio KAOS. Water gets to cry about the horrors of nuclear war for 20 minutes. And he does it very well.

Syd Barrett, founding member of Pink Floyd, left the group early. Although suffering from drug burnout and mounting insanity, he managed to produce two solo albums before he completely lost touch with reality, Barrett and The Madcap Laughs, 1969-70 [EMI 7466062, 7466072] are very much in the style of early Floyd, with very "human" lyrics, bordering on the naivistic in character. Gilmour, Waters and Wright helped him

produce the songs in various permutations (featuring, among others, Gilmour on drums!).

Nick Mason's two solo albums are Nick Mason's Ficticious Sports (you don't want to know its record number), and Profiles (with Rick Fenn), [CBS 1985, CK 40142]. Since he has no solo writing credits on any Floyd song except "The Grand Vizier's Garden Party," I had no idea what to expect. Luckily, he wrote no music to the first one, he just layed the drums and for some reason agreed to put his name on it. It is undescribably BAD BAD BAD! I was in shock for hours after listening to it. He did write most of the music for Profiles, and that is a very good album. Gilmour sings on one song, but most of the album is instrumented. The Floyd character is unmistakeable.

Richard Wright composed Wet Dream in 1978, [Columbia 35559], and has reportedly come out with

another one since then, although I have never seen or heard it. As his synthesizer sound is perhaps the most distinguishing feature of Floyd's music, it is a must-hear album. I like it a whole lot, and would musicall place it above all the other member's solo albums. (Not lyrically, Waters of course wins that one). There is an everso-slight Mediterranean influence in the music; Richard Wright nowadays lives in Greece, so that its not such a crazy observation.

These notes should cover most major Floyd-related releases. Numberous singles exist on analog, as well as digital media, but I'll cover those in a future article

Editor's Note: Reliable sources have said that Pink Floyd's Dark Side of the Moon has fallen out of Billboard's top 200 albums this week. Show your support for Floyd and go out and buy a copy of DSOTM today!

### ASCIT FORMAL

by Tony Wittry

The pomp and splendor of the 1988 ASCIT Formal Dance is near. This year's gala event will be held at the Athenaeum May 13 1988 from 6:30 to 12:30. Tickets are \$40 per couple and will include a grand Athenaeum dinner, reception, and an evening of dancing to the glorious sounds of Scandal.

Anyone who attended last year's event knows the ASCIT Formal is not to be missed. Watch this space for a variety of special deals on tux rentals and floral arrangements. For further information or to reserve tickets, please contact Tony Wittry at 578-9755

honky tonks/Dairy Queens, and 7-Elevens.'

The Heads have sung lots of songs about TV-watchers and suburbanites. People like that were the whole theme of the movie True Stories: Byrne made fun of his characters, but with an underlying respect. In "Mr. Jones", he takes Bob Dylan's ultimately uncool character from "Ballad of a Thin Man", who always knew something was going on here, but didn't know what it was, and turns him into the hero of a song, a heroic travelling salesman. "Mr. Jones/Put a wiggle in your stride. Loosen up/I believe he'll be all right...It's a big day for Mr. Jones/He is not so square. Mr. Jones will stick around/He's everybody's friend.'

When an album can make you believe that Pizza Hut and the Fuller Brush man are cool, you can't do anything but like it.

# Three Plays at Occidental

by Mack Rhinelander

Three plays by the Irish playwright John Willington Synge-In the Shadow of the Glen, Riders to the Sea, and the Well of the Saints--show at the Playmill Theatre at Occidental tonight, Friday, and Saturday at 7:30 pm, with a 2:00 matinee on Sunday.

The plays are a competentlyexecuted blend of turn-of-the-Irish century satire/tragedy/poetic drama with experimental theater. The plays are

executed in an environmental setting--i.e. the audience sits in the staging area, and the actors move among them. Highly recommended. Call the Oxy theater office for ticket information.



ASCIT Minutes 26 Apr 1988

- 1. Sam's Excomm will consist of Sam Dinkin, Carol Mullenex, Tim Archer, Michael Keating, Bibi Jentoft-Nilsen.
- 2. Shannon comes on behalf of the Y to discuss a party to be held May 27. She would like it to be a big affair, with dinner on the Olive Walk. From 6-8, there will be a DJ, the New Marines will perform from 8-11, and then a DJ will provide entertainment afterwards.
- 3. Bassem, Big T business manager, pays part of the loan back. The  $Big\ T$  has \$6500 surplus. Of the \$5000 ASCIT loaned the Big T, \$2000 is payed back. The Big Ts budget is approved along with their publication contract with
- 4. The Glee Club submits a \$1500 request. They received \$500 last year. BOD decides to base funding on number of ASCIT members in the club. Gabriela motions \$700, which does not pass. Tony motions \$500, which does not pass either. Dwight motions \$600, which does pass.
- 5. Bassem reminds us that May 20 is International Day.
- 6. Tony reminds us that the ASCIT Formal is on May 13, not May 18. And he wants people to signup.
- 7. Jeff wants \$37 for printing up last week's ASCIT minutes.
- 8. Marty brings the ASCIT van, which got hurt on the passenger's side. The BOD needs to know who did it and how he did it for a number of reasons. Mike will look into the insurance policy.

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# what goes on

Announcements for What Goes On should be submitted on an announcement form available in the SAC copy/mail room (Room 37) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 25-58, or put them under the door of Room 40A of the SAC Announcements must be received by the Tuesday prior to publication.

### May Day Mayhem

The Caltech Medieval Renaissance Society will be holding its third annual May Day Tourney this Saturday in Tournament Park (south of California Blvd. and the athletic fields). Events will include fighting, Maypole dancing, and various contests in cluding "body looting", hat-tossing contests (medieval frisbees!) and Maypole dancing. The evening's events will include a pot-luck banquet and revel at Dabney Hall, with music and dancing (dances will be taught). Come enjoy the spirit of the Middle Ages. Please come in medieval or renaissance clothing (call to borrow some if you don't own any!) For more info contact Sean Johnston (577-7953) or Amy Carpenter (794-2612)

### You Belong In The Funny Farm

The Caltech Y is sponsoring a Knotts Berry Farm Trip on Sunday, May 1, leaving at 9:30 am. Purchase tickets in the Y. \$6 for Caltech students, \$16 for all others. Tickets are good for all rides on any one day, if you want to go but can't go then.

### Fabulous Prizes

The Children's Center at Caltech announces its 8th Annual Spring Fundraiser drawing. All are welcome to join in the fun on May 6th from 5 to 7 PM at the Center (293 S. Chester). Refreshments will be served as the winning tickets are drawn for trips to Hawaii and Frankfurt and many other great prizes. Tickets will be on sale each day at noon at the Winnet patio or through the Center at x6860. Tickets are \$2.50 each.

### Plant And Bake Sale

The Caltech Service League annual Plant and Bake Sale, the proceeds of which are to benefit projects for Caltech students, will be on Winnett Patio from 8 am to 1 pm on Friday, April 29. There will be a raffle, along with the sale of flowers, fresh fruits, breads, houseplants, cakes, cookies, outdoor plants, pastries and general goodies.

### Live In The Past

The Caltech Medieval Renaissance Society will be holding a meeting this Sunday from 3-6 pm in the Y Lounge. Business discussed will be unresolved May Day matters, as well as installment of new officers. For more info contact Doug Bloomer (x6830) Amy Carpenter (794–2612) or Erich Schneider (x3771).

### **CLASSIFIED ADS**

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NEED A BAND? Citizens Banned, made up of JPL/CIT personnel, is available for parties and dances. Call Tom (x6863) or Dom (x6050).

### LOST AND FOUND-

LOST: SILVER PARKER BALLPOINT PEN. If found, please contact JoAnn, ext. 6655. Reward

LOST: GREY CROSS PEN. Contact: David Goldreich, 1-55, 577-6993.

RATES.....\$2.50 for first 25 words; .. 10¢ for each additional word. Send written ad with payment to 25-58. No charge for on-campus lost & found

### **Summer Contracts**

Summer contracts are now available in the Master's Office. Students are responsible for completion of the contracts. Deadline date is May 16.

### All Koreans Gathered

A Korean picnic will be held at 10 am On May 7th in the Puddingstone Reservoir. All Koreans associated with Caltech may participate. Undergraduate students are especially welcome. The fee is \$10 for adults, children are free. The fee should be paid by May 5th. For more details please contact Mr. Jun in Hydraulics or Mr. Choi in Chemical Engineering at extensions 6916 and 6897 respectively.

### Y Book Exchange

Bring your used, unwanted textbooks to the Y. What we do is: we take them, dislay them on our bookshelves, and sell them to the poor suckers who will use them in the future. They get a good deal on textbooks, you get some of your money back! Let's band together to beat high textbook prices! They Y also has ring and report binders, and novels new and old.

### **Grad Bible Study**

All graduate students are invited to attend the weekly Bible Study/fellowship sponsored by the Inter-Varsity Christian Fellowship at Caltech. The study meets Thursday evenings at 7:30 pm at 201 S. Michigan Ave. (about 3 blocks north of campus). This spring, the study centers on the book of Luke. For more information, call David Imel (300-9315) or Alan Mathiowetz (449-1063).

### Student Investment Fund

The Caltech Student Investment Fund invites all members of the Caltech community to join. Meetings are held every Wednesday at 5:00 in the Millikan Board Room. For more info, come to a meeting, or contact Randy Levinson at x3961.

### **Books Wanted**

The Friends of Caltech Libraries will be having a book sale on May 6, and are looking for donations of all kinds of bookshardbacks, paperbacks, magazines—to sell in order to raise money to benefit the various libraries on campus. Please deliver donations to Millikan Library, 1st floor, as soon as possible. For information, phone Janet Jenks (x6419) or Louis Creveling 286-5618.

### Arlene Blum's Book, T-Shirts

Paperback and hardcover copies of Annapurna: A Woman's Place as well as expedition t-shirts (A Woman's Place is on Top—Annapurna) are available. Call Erica, x6538 by May 6.

### **FOCAL Book Sale**

The Annual Friends' Book Fair to benefit all Caltech libraries is scheduled for Friday, May 6, 1988 in the Millikan Library Board Room on the Caltech campus. The fair is sponsored by Friends of the Caltech Libraries (FOCAL). A wide selection of books and publications on various subjects will be available for purchase at the following prices: hardbacks-\$1, paperbacks-50¢, magazines-10¢. In addition, some special books will be offered for sale at higher prices. Information about FOCAL memberships also will be available at the book fair.

### Science, Ethics, and H-Bombs

On Wednesday, May 4 at noon in the Judy Library in Baxter Hall, Peter Galison, an associate professor of philosophy and physics at Stanford University, will be giving a talk entitled "Under Any Light: Ethics and Strategy in the H-Bomb Decision" Bring your brown-bag lunches if you want.

### Venture Capital Money

Mr. Chris Chen, Executive Vice President of Bruin Capital Corporation, will talk about getting venture capital in general and Bruin Capital in particular. See you in Room 22 Gates at 4:30 pm on May 4. Graduates, undergraduates, as well as faculty and staff members are all welcome. Call the Caltech Y at x6163 for details.

### The Environmental Failure

The Environmental Study Group, Caltech WorldWork and the Caltech Y Speakers Fund present "The Environmental Failure – Unlearned Lessons of the Technological Age," a lecture by Dr. Barry Commoner. Dr. Commoner is the author of The Politics of Energy, The Poverty of Power, and The Closing Circle. He is also director of the Center for the Biology of Natural Systems, Queens College, CUNY, member of the Board of Directors of the National Parks Association, and was the 1980 Citizens Party candidate for President. The lecture will be on Monday, May 16 at 8 pm in Ramo Auditorium. Admission is free, but the Caltech Y will be handing out priority seating tickets to the Caltech community be-

### **Enterprise Forum**

The May 17 Caltech/MIT Enterprise Forum will feature Tom Roberts, Chief Executive Officer of DSP Corporation. DSP, founded in 1981, is a high performance array processor manufac-turer which delivers applications specific su-percomputers for FFT, 1D and 2D matrices and other functions. Tom Roberts will ask the Forum about the future direction in product mix and the best way to approach corporate partnering. Attendees eat supper in Chandler from 5:00 to 6:45, and the Forum itself is at 7:00 in Baxter Hall. Contact the Industrial Relations Center, x3916. for reservations or more information.

### **Voter Registration**

If you would like to vote in the California June 7 primary, you need to register to vote by Monday, May 9. Information about registration, as well as the formal affidavit, can be picked up from the Student Activities Center during the Coordinator's open office hours M-F 1:30-3:00 pm. At other times (M-Th and Sat 10-6), the mail-in registration affidavit is available at the Hill Ave. Branch Library, at 55 S. Hill Ave.

### Japanese Scholarships

Applications for the 1988 Japanese Government Scholarship for American students specializing in Japanese studies are currently available at the Consulate General of Japan.

Applicants must be U.S. citizens, of more than 18 years and less than 30 years of age as of October 1, 1988, third year students at a university or college, and specializing in a field concerning Japanese language or culture.

For more information regarding qualifications please contact the Financial Aid Office, 515 S. Wilson.

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### Calling All Dialers!!!

The current campus long distance access code which is reached by dialing "8" will be changed at 5:00 pm today, April 29. The new access code will be "73". This change is being made because Caltech's phone system is getting too big for its digits, and the number 8 is needed for internal extensions rather than outside access.

### Old Big T's, Cheap!!

The Big T office has an excess of yearbooks from previous years which are up for sale. Big Ts from the '70s and '80s are available for \$20 each (includes shipping). Regular purchase price is \$24. Send all requests to: The Big T, mailcode 27-58, or leave a message at x2183, and we will send you a vearbook immediately.

### Air Hockey

For your information the air hockey table is located in SAC Room 50 (near the ping pong tables) and is now plugged into a "live" outlet! The game costs 5¢ to play. Questions? See Nancy Matthews, SAC Coordinator, Rm. 64 SAC, x2935.

### Betty Friedan's Books

Paperback copies of The Feminine Mystique and The Second Stage are still available for \$3.25 and \$6.00, respectively, but I need to send unsold books back to the publisher soon. Please contact Erica, x6538, by

### **Condom Hotline**

Anyone in the United States can pick up a phone and discreetly dial a 91/2 minute recorded message on the importance and proper use of condoms as protection against sexually transmitted diseases (STD), including AIDS.

Available nationwide on a 24-hour basis, the call-in number is 1 (900) 660-LIFE. The message callers hear has been reviewed for technical accuracy by experts at the Food and Drug Administration and the Centers for Disease Control.

All calls are charged \$1.50 for the first minute and 35¢ for each additional minute. A ten-minute listen runs \$4.85. Callers can listen twice through the message without hanging up for a total of \$8.15. Charges appear on the long-distance portion of callers' phone bills.

### Attention Writers!!!

The Literature Faculty is pleased to announce the 42nd annual McKinney Competition. The Mary A. Earl McKinney Prize is awarded each year for excellence in writing. Only full-time students officially registered at Caltech as undergradutes are eligible to enter the competition. This year three prizes will be given in three categories: poetry, prose fiction and non-fiction essays All submissions must be typewritten and double-spaced. In the poetry category, entrants may submit up to three poems. Submissions of prose ficiton should not exceed 12,000 words. Essays may be one prepared for a humanities class or any good piece of original writing on a topic relevant to the humanities. The prize in each category will

Each student is entitled to only one entry in each category. All contestants must submit their work to Professor Jenijoy La Belle, Division of the Humanities and Social Sciences, by no later than April 29, 1988. No entries will be returned. Each category will be judged by a committee from the Literature faculty. Essays will be judged on the quality of thought and the effectiveness of the writing. Winners will be announced the last week of May, and the names of the winners will appear in the commencement program. The Committee may divide the award in each category in case of more than one outstanding submission. Previous winners in any one category are not eligible for the competition in that

If you have any questions, contact Dr. La Belle, x3606, or Betty Hyland, x3609.

### French Movies At Caltech

The Francophile Club of Caltech has been presenting a series of French films, admission free to the campus community, on Thursdays at 8 pm in Baxter Lecture Hall. All films have English subtitles. For information, call Josette Banroques, x3782. This week's film is: Le Beau Marriage, a film by Eric Rohmer.

### **Cinematech Takes 39 Steps**

The Cinematech movie this Saturday (April 30) will be Alfred Hitchcock's 39 Steps. This best-known of Hitchcock's British films is noted for its simplicity, vitaliand humor. This espionage thriller has Robert Donat stumbling into the midst of a conspiracy which involves him in a hectic chase in which he is both the pursuer and the pursued. Madelein Carroll as the heroine is a wonderful addition to this quick-paced film. Screenings will be at 7 and 9:30 pm in the Baxter Lecture Hall. Admission is \$1.50. For more info, call James Shih at

### Don't Miss Monday Movie

It may have been made in 1947 but it won an Academy Award then (best foreign movie) and is still considered by some critics as "quite possibly the best biographical film ever made." Come and see Monsieur Vincent (French, with English subtitles) on Monday, May 2 at 8 pm in Baxter Lecture Hall. This is a real (reel?) movie (not a video). Sponsored by the Newman Center. Open to all.

### **Chamber Music Concert**

Leslie Sonder, Paula Watnick, and Tad White play piano trios by Mozart and Mendelssohn and sonatas by Bach and Milhaud on Saturday, May 7 at 2 pm in Dabney Hall Lounge. Admission is free. For more information, call 356-3861 or 356-6553.

### Brahms' "German Requiem"

The William Hall Chorale will perform the "German Requiem" and the "Alto Rhap-sody" by Brahms on May 1 (this Sunday) at 3 pm in the Pasadena Civic Auditorium (300 E. Green St., south of the Plaza Pasadena). The 120-member William Hall Chorale, one of the premier choral organizations in Southern California, will be joined by full orchestra for this performance. Student rush tickets are \$5 and are available at the box office one hour before the concert.

### **High Speed Tournament**

Beginning today, April 29, and running through Friday, May 6, there will be a tournament in the SAC Arcade on High Speed! See sign in game room for further details

In a rare treat for West Coast inhabitants, John Gorka and Roy Forbes (aka Bim) will be playing Winnett Lounge on Friday, April 29 at 8:00 pm. Gorka has lived in the Bethlehem-Easton area of Pennsylvania for the past 10 years and made its residents and atmosphere the topics of his songs, written in wry narrative style. Accompanying himself on guitar, he sings about a cast of characters from drunks to sidewalk crazies, and places from diners to cow-filled snowfields. Roy Forbes, a Canadian native, had a brief flirtation in the '70s with rock stardom, and these musical roots are reflected by his dazzling guitar technique. Fellow folksingor Connie Kaldor says, "If other singers are lightbulbs, Bim is a laser." Tickets for the concert, co-sponsored by the Caltech Folk Music Society, The Y, and the GSC, are \$6.00 in advance, \$7 at the door, \$3.00 for Caltech students



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