

EXTRA! EXTRA!

TODAY IS ADD DAY

THIS IS THE LAST DAY FOR ADDING COURSES
OR REMOVING CONDITIONALS OR INCOMPLETES.
THE EDITOR IS SLEEPING. PLEASE BE QUIET.

PLEASE FOLD HERE

PLEASE FOLD HERE

The Return of Robert Scheer

by Ketan Shah

"We live in a time of great irony," declared Robert Scheer, staff writer for the *Los Angeles Times*, last Wednesday. In the second of three Caltech appearances, Mr. Scheer reiterated his contention stated last week that the American foreign policy towards communism does not have a "theory of the enemy." This, he believes, has led to contradictions in America's relations with communist nations.

To illustrate, he cited the contrast between America's current romance with communist China and the administration's commitment to harass, and possibly overthrow, the Sandinistas in Nicaragua, many of whom are communists.

With the Democrats cowering in the corner and the moderate Republicans having retreated, Mr. Scheer deplores the lack of a media challenge to the contradiction in American foreign policy.

Mr. Scheer believes that former president Richard Nixon began a reassessment of America's relations with communist countries with his historic visit to China, and detente with the Soviet Union. This reevaluation was despite his escalation of the Vietnam War into the rest of Indochina.

Mr. Scheer thinks that behind this reassessment was a recognition that an undifferentiated view of communism was no longer appropriate, and that there are limits to American power.

However, the contradictions in Mr. Nixon's policy contributed to a gradual erosion of this new, pragmatic policy during President Ford's administration, and to a vir-

tual halt towards the end of President Carter's administration. The final blow came with the Soviet invasion of Afghanistan. Mr. Scheer argued that the Soviet behavior in Afghanistan doesn't explain the retreat from Mr. Nixon's pragmatic policies since the Soviets were no more reprehensible then that at any other time.

The United States can do and has done business with communist countries, asserted Mr. Scheer, and this demolishes the leftist's argument that America is intransigent. He has observed that the multinationals have recognized that colonialism doesn't work and have provided a model of penetrating the world that doesn't require "an army." Mr. Scheer is convinced that once you accept the rules of international commerce, you can accommodate other political and economic systems.

A theory of American society may explain the retreat from pragmatism, said Mr. Scheer. Although he hasn't developed such a theory fully, he gave a few ideas: there had always been resistance to detente and the SALT treaties, and detente provoked certain forces in American society; there are some who thrive, and benefit, from a state of cold war, in the United States and in the Soviet Union, due to economic and psychological reasons. Also, there is a "primitive, patriotic right wing" in America, along with a neo-conservative movement with a modern sophisticated approach, that is reflexively anti-communist.

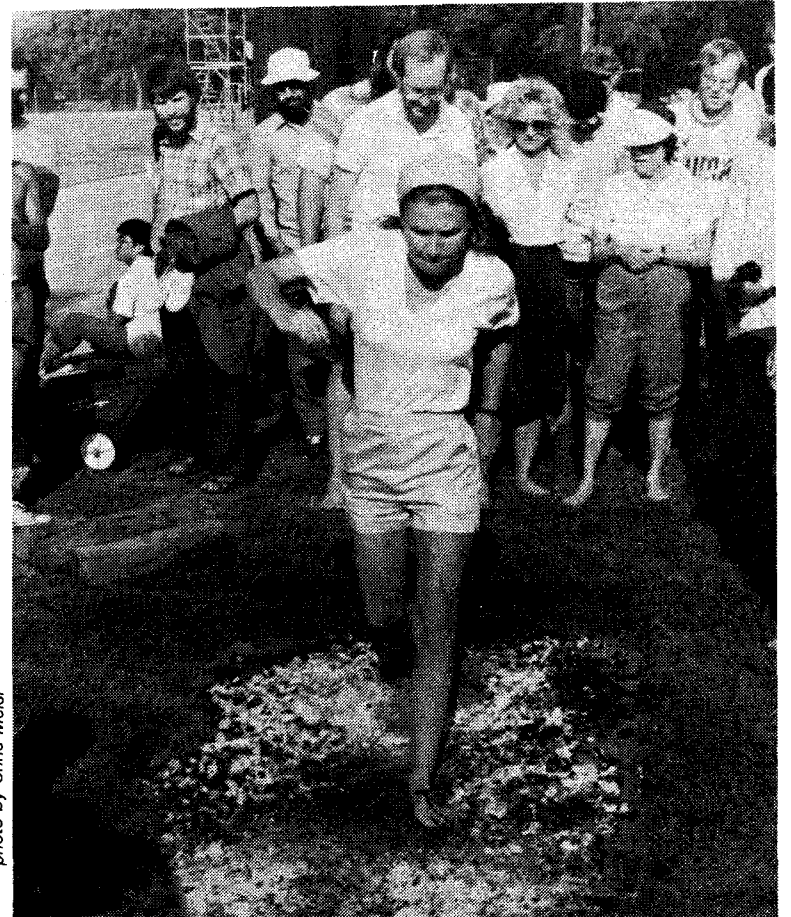
In the question and answer period, Mr. Scheer, author of *With Enough Sovels: Reagan, Bush and Nuclear War*, discussed the issue

of nuclear war. On the Strategic Defense Initiative (SDI), popularly known as Star Wars, he had this to say: "The development of third generation weapons has offensive implications."

One of the motivations behind SDI was the perception that the Soviets were ahead of the Americans in space warfare research and development. This perception is drawn from classified documents that are open to wide interpretation, said Mr. Scheer. Members of the Reagan Administration believe that it's possible to have a controllable nuclear exchange, but "once you say nuclear war is not winnable, then you lose the rationalization for the arms race," explained Mr. Scheer.

With the discussion of the possibility of nuclear war, the questions posed to Mr. Scheer by the audience inevitably led to a questioning of president Reagan's personal and intellectual qualities.

continued on page 2



JEANNINE ST. JACQUES BRAVES THE HOT COALS IN THE Y'S FIREWALKING DEMONSTRATION LAST SUNDAY

Bates Awarded Guggenheim Grant

by Hisaho Sonoda

Political Science Professor Robert H. Bates has been awarded a 1985 Fellowship grant by the John Simon Guggenheim Memorial Foundation. He was one of the 270 scholars, scientists, and artists chosen from among 3,548 applicants in the foundation's sixty-first annual competition.

The grant will allow Bates to spend a year, starting this

September, at the Center for Advanced Studies in Behavioral Sciences at Stanford University where he plans to write up his studies on Kenya. He will spend the summer at the Institute for Developmental Studies in England.

Bates has been studying the politics and economics of agriculture in Kenya since 1982 under the sponsorship of the National Science Foundation. He believes that government policy has

an effect on food production and distribution and that the economic production cycle is not induced by market forces, but reflect the farmers' feelings towards public policy.

During the last ten years, Bates has spent time in East Africa studying different aspects of its culture. He has also studied the politics of peasantry, the power of the peasants during major revolutions.

ENTERTAINMENT

LETTERS



THE MADWOMAN. JANET RENO. BEMOANS THE FATE OF THE WORLD IN THE MADWOMAN OF CHAILLOT

-photo by Ron Gidseg

Madwoman Still in Ramo

by Diana Foss

Plays shouldn't start at 7:00. It doesn't give one the chance to have a proper dinner. One also shouldn't be sent to review performances where the cast outnumbers the audience. It seems to conspire (through no design of either the cast or audience, of course) to induce pity, and this reviewer, for one, resents being coerced into feeling pity. Pity is also a poor thing on which to base a review.

Fortunately, TACIT's production of *The Madwoman of Chaillot* rises gracefully above these less-than-auspicious beginnings. The sets are beautiful and the acting is uniformly good, with several outstanding performances. The costumes are entirely appropriate, and the fluid direction gives harmony to what could be a hopelessly confusing stage (the program lists 48 parts.)

TACIT's sets are always lovely, and these are no exception. Although the paintings on the side walls of Ramo are hokey and sloppily painted, what's on the stage is what counts. The Madwoman's cellar is just perfect—cluttered with all the junk one would expect her to have accumulated in her life. The cafe's design accomodates very well the frenzy of action it must contain. The costumes also work wonderfully to evoke the feeling both of Paris (this from someone who has never been out of North America) and of the varying degrees of insanity of the characters.

The entire cast performs excellently as an ensemble, but the performances of Al Hibbs as the President, Richard Feynman as the Sewerman and especially Janet Reno as the Madwoman of Chaillot really stand out. Hibbs' character is patently crazy, but what an air of respectability he gives to that insanity. I know some people who think of Feynman's presence in TACIT productions as some sort of running gag, but he is there because he can act, pure and simple. But Reno's Madwoman holds the whole play together. She is a lovely, dignified lady, secure in the love of the world and shocked to the core to find that all is indeed not well with the world. When she pits only herself against all that is evil in modern society, we are not at all surprised that she wins, conclusively. Other highlights are George Williams' luminous Pierre and Brian Warr's hilarious Press Agent.

Go see *The Madwoman of Chaillot*. Caltech is lucky to possess such a brave and talented theatre arts company, and more people should realize this luck and take advantage of it. The show runs tonight and Saturday at 8:00 pm (a much more sensible time) and Sunday at 2:00 pm (a performance which will be signed for the hearing-impaired.) Tickets are \$4, \$5, and \$6 (I don't know what that means; I saw it for free) and are available at the door.

Scheer Still Obsessed

from page 1

Mr. Scheer said that many people hope that Mr. Reagan will "pull a Nixon," that is, pursue a more pragmatic foreign policy. "He is in a right position, but he has no inclination," observed Mr. Scheer.

"Why don't people take Ronald Reagan seriously?" lamented Mr. Scheer. He thinks that Mr. Reagan's strength lies in the fact that he wasn't willing to be president. "Don't insist that Reagan is just a politician," admonished Mr. Scheer, and he pointed out that Mr. Reagan has remained a "right wing ideologue" who didn't move to the center and modify his position to get elected. Mr. Reagan has the "conviction of a true believer."

Let's Talk Turkey

To the Editor:

Two letters were recently printed in the *Tech* about the movie *Midnight Express*. I have come across an article which has reported some comments made by the producer of this movie during and interview with CBS Cable TV of New York City. I think that these remarks may be interesting for your readers. He said:

"Actually there are political plaws within it. We are very critical of one nation because I thought I was making a film about injustice and about bad prison conditions and about the stupidity and irregularity of drug offenses around the world. But I was too critical of just the Turks. I think I ought to have some kind of explanation saying, 'You think this is terrible prison but there are prisons like this in the United States and in Northern Ireland and wherever.' I

think I should have been a little broader. I think that was a certain political naivete I had at the time..."

I should also add that I have been to Turkey. During my visit I met a lot of friendly, nice, civilized, and cultured people. We are a small but broadminded community at Caltech. We should refrain from passing sweeping and derogatory remarks about individuals or nations.

Yours sincerely,

—Azhar A. Rizvi
116-81

Jellicle Cats Come Out Tonight

To the Editor:

I am deeply offended by Charles Barrett's consistent prejudice against a significant portion of the Caltech community. Although he has discussed sexuality between humans, heterosexual and homosexual, he has entirely ignored the issue of sexual relationships between two consenting animals. We find this single-minded obsession to be appalling. Admittedly, animals are in the minority at Caltech, but so are women.

Furthermore, animals have many sexual problems worth discussing. For example, consider the predicament of a middle-aged neutered male cat in spring. Another issue that might be addressed is the casual attitude human beings have towards the widespread practice of the permanent medical termination of an animal's sexual life, with complete disregard for the animal's consent.

Sincerely,

—Turbo
Ruddock House

The Caltech Y Fly-by

Friday... April 19
Noon Concert on the Quad— James Intvelot and the Rockin' Shadows!
Philharmonic Trip— It's a bird, it's a plane, it's a Mozart!

Monday... April 22
Be sure to wish Mrs. Ruth Thurston of Millbury, Massachusetts a happy birthday today!
Tonight, an informal discussion with Robert Scheer and the WAF, in the Y Lounge at 7:30 PM.

Tuesday... April 23
This is your last chance to see *Cats* through the Y. If you have tickets, don't forget to go.
Also tonight, well known author Joseph Chilton Pearce's lecture and slide show, "Meditation & Human Development." In Baxter Lecture Hall at 7:30 PM.

Wednesday... April 24
Noon Update— Dr. Al Hibbs of JPL will discuss "Future and Space" in the Winnett Student Lounge. Bring a friend and some lunch.
Mad Max (not the Road Warrior, the comedian) is back! In Baxter Lecture Hall, tonight starting at 8 PM.

Friday... April 26
The last Philharmonic Trip of the season will feature Bartok and Dvorak. Sign up by Wednesday afternoon.

Saturday... April 27
"Take me out to the ball game..." If you like baseball, you're in luck! The Y has tickets for tonight's Dodgers/Padres game, and will try to get tickets for a few more games this spring. Come cheer the opposition or maybe even the Dodgers. Signups open today. Transportation will be provided.

Any comments, questions, or suggestions?
 Stop in the Y or call 356-6163.

THE ASCIT MOVIE
 TONIGHT at 7:30 and 10:00

The Year of Living Dangerously

Next Week - The Great Train Robbery
 in Baxter Lecture Hall
 \$1 ASCIT members \$1.50 all others

THE CALIFORNIA TECH

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Ars Amore

by Charles Barrett

Self-Honesty

Honesty, fairness, and having an open mind are characteristics many individuals pride themselves in displaying in their dealings with others. We, as intelligent and enlightened products of modern times, can be non-judgmental and accepting of diverse tastes and practices. Not only is it possible to be tolerant of those we know who are gay, promiscuous, or otherwise "unconventional" by traditional standards of morality, we can, as friends, also be supportive and understanding when the need arises.

It isn't as if any of those practices are new, after all; we've just become less hypocritical and more willing to admit to practices that have been pursued for generations. Yet for all the progress in social tolerance and the awareness that sexuality has many different manifestations and nuances, many people have trouble being honest with themselves in dealing with their own desires and needs.

Unfortunately, there are many individuals whose acquired sense of rigid morality causes them to

suppress their own true feelings. This conflict can be made even more difficult by the fact that moral restraint's primary reward is a smug sense of superiority, small compensation for the imposed hypocrisy of saying one thing and feeling another.

More difficult to understand, but still commonplace, are those who can be fully understanding of others' liberal *mores* (running the gamut from premarital sex to homosexuality), offering support and comfort to friends in distress, yet are still unable to be honest to their own feelings about sexuality.

Often, fear and apprehension have a role in this reluctance. All the various factors involved in establishing and maintaining a relationship, especially at Caltech, can be intimidating, and can make even the frustrations of

unexpressed sexuality look preferable.

Although in recent years the stigma attached to being homosexual has lessened considerably, it is still a lifestyle with numerous complications. Although what leads to an individual's being gay (environment? genetics?) is still not known, it is unarguably a matter of being, not of choice. This is not to say that every adolescent homosexual experiment implies the participants are gay; on the contrary, such experiences are commonplace. But for those for whom it proves to be more than a phase, the conflicts that result can be devastating. For some, being gay would be at the price of family relations, profession, or religion.

To be secretive about being gay (the only possible approach for most until recently) is of course possible, but it relegates relationships to the realm of meeting on the sly, in bars or bathhouses, and makes for impersonal and promiscuous social interaction. Gays are still working to dispell this stereotype, the result

of years of forced discretion but by no means universal today.

For some, the consequences of acknowledging themselves gay are too weighty, and they attempt to suppress it. They may enter into unhappy heterosexual marriages, or they may find themselves deeply emotionally attached to same-sex friends (with or without occasional sexual encounters). To pursue gay partners is out of the question for them, since that would be forcing them to consider themselves gay. Sometimes the other partner in a relationship of this nature comes to realize him or herself as gay, in spite of the fact that for his or her lover, this is impossible.

This may sound like a specific case I'm referring to here, but it is in fact a common scenario. I have received many calls in response to this column, with many (although far from all) of them from incognito gays on campus in need of someone to talk to in an anonymous and non-threatening manner. The type of situation cited above has been mentioned in more than one instance (it also happened to me years ago), and is especially

continued on page 5

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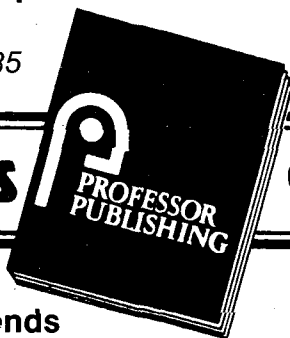
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Inquiring Minds Want to Know

by Bill Banks

One day last summer I climbed a mountain in the Himalayas. At the top I found a guru (what else?) and I asked him about my purpose in life.

"Seek out the truth about Oreo cookies," he said, with a grin that sent shivers down my spine. I decided the guy was nuts, but I had

some extra time on my hands, and the people at Oreo, Inc. had always been a little hush-hush about operations, so I went to check it out.

Now, I pride myself on being observant. I took the official tour of the plant and until the end, I was convinced that nothing was afoot.

Then somebody asked the tour guide about Double Stuff Oreo cookies. The guide got really nervous and looked over to the supervisor, who was shaking his head. The tour guide then nervously "explained" that the Double Stuff manufacturing process was "about the same" as for ordinary Oreo cookies. I knew

then that something was going on. I strayed away from the rest of the group and finally found what I was looking for: a door marked "Double Stuff." The door led down a long hallway to another door. This one had a sign proclaiming "Double Stuff—Absolutely No Unauthorized Entry." I opened the door and could not believe what I saw.

Oreo cookie gnomes. Five hundred gnomes (which looked exactly like green Smurfs)

lined a conveyor belt leading into the room. On the belt were Single Stuff Oreo cookies. The gnomes at the front would take a cookie off the belt, unscrew the top, then place the bottom half (with the luscious cream filling) back onto the belt. The tops of the cookies went into chutes which I can only assume led to the ice cream building, where Oreo Cookies 'n Cream was being made. The gnomes at the end of the conveyor belt would simply take two half cookies and stick them together, thus making a Double Stuff cookie.

After watching incredulously for ten minutes, I left and managed to leave the building unseen.

Later, I went back to the mountain in the Himalayas and told my guru friend what had happened.

He said "Well done. You have discovered the eternal truth for which you sought. Your life is now complete. However..."

"Yes?"
 "If you're interested..."
 "Yes?"
 "Carnation Instant Milk."

WE ARE LOOKING FOR 2 EMPLOYEES

Who We Are

MicroSim Corporation, a company of 8 employees located in Orange County. We got started in January of 1984.

What We Do

Electrical circuit simulation. We developed and now sell an IBM PC version of Spice, a program which does analog circuit simulation. We have also developed a hardware "accelerator" which allows the simulations to be done more quickly.

The algorithms in analog circuit simulation are heavily numerical: solving of sparse matrices, Newton-Raphson iterations of nonlinear systems of equations, and implicit integration of energy storage devices are all involved. The hardware accelerator works by using several processors in parallel: the job is split up into pieces and each processor is given a piece.

What We Plan to Do

Offer more simulation programs. We would like to develop a switched capacitor simulation program. Also we would like to make available a logic simulation program.

We also plan to offer more hardware accelerators in both larger and smaller versions than the one we have developed so far.

Who We Want (A)

A full-time employee to work on the software. This includes:

- 1) The circuit simulation program, both the stand-alone version and the version which runs on the accelerator. An important part of this work is to add some device models (e.g., GaAs JFET's).
- 2) A graphics post-processor program.
- 3) A switched-capacitor simulation program.

The circuit programs are written in Fortran (unfortunately). The graphics post-processor is in C. It is not necessary that you know either of these languages, but you need to have done at least a little programming already.

The most important qualification for this position is some EE background (i.e., EE14; digital doesn't count for this job). Some knowledge of numerical analysis would be nice.

Who We Want (B)

An employee for the summer. The work will include:

- 1) Adding standard transistors and opamps to a device model library. This involves getting parameters (such as beta, junction capacitance, etc.) from spec sheets. These may need to be supplemented with electrical measurements of some typical devices.
- 2) Miscellaneous software.

The necessary qualification for this job is some analog EE background. Some programming experience, regardless of language, would be nice.

What's In It for You

A chance to join a company which is not another corporate octopus. MicroSim has been financed entirely by its employees and is entirely employee-owned. For the permanent position, you will be able to get some stock in the company.

Also, a chance to work with some programs that use a lot of numerical analysis algorithms.

Also, a chance to work with a (real world) system that does parallel processing.

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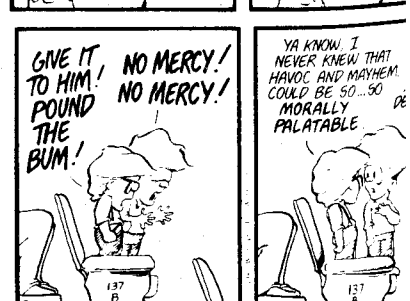
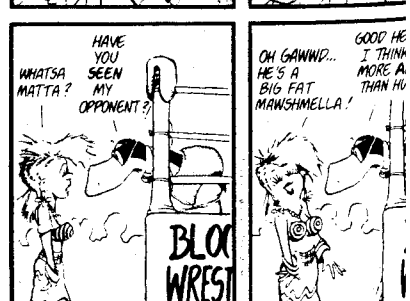
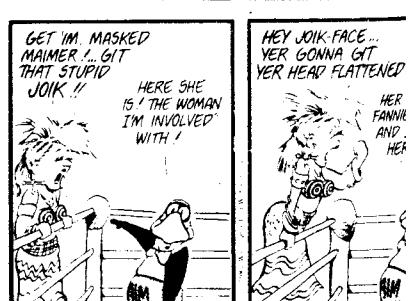
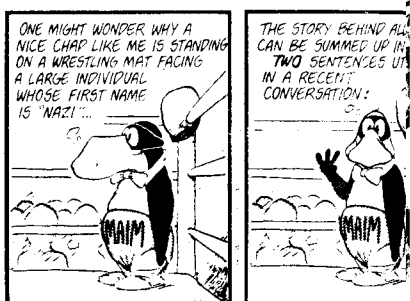
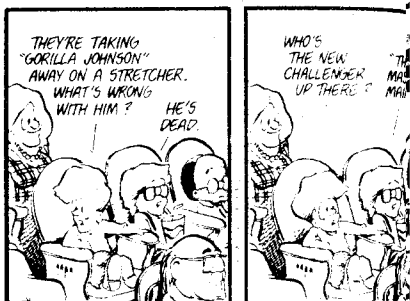
You can write a letter to:

Wolfram Blume, President
 MicroSim Corporation
 14101 Yorba Street
 Tustin, CA 92680

or, give us a call (collect) at (714) 731-8091. Ask for Wolfram Blume or Paul Tuinenga.

Bloom County

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More Honesty! Definitely a Great Year

from page 3

touchy since one of the partners is unwilling to admit to his or her inclinations, making gay support groups unapproachable.

Gay, straight, or bisexual, what one wants out of a relationship can often be elusive. The very strength of emotions, and the power they have over us, can make it hard to answer this question honestly. It is too easy to look beyond who your partner is, and instead read in what you think he or she *could* be. When you are attracted to someone, and feel inclined to start a relationship (both partners willing) it is sometimes difficult to separate what the two of you really have from what you yourself think the relationship might become.

In the case of a failed relationship, with the accompanying feelings of rejection and loss, one must be sure that what is truly grieved over is the loss of what *existed* between you and your partner, not what you

thought or hoped *might exist* in the future.

Accurate appraisal of your partner aside, the successful pursuit and establishment of a relationship requires that you have an honest understanding of what form you want it to take. Although give and take must exist to some extent between any lovers, some desire a strong and resolute partner, others a soft-spoken, passive one. Young women (especially at Caltech) are often placed in the dilemma of receiving attention from young men in need of care and attention (i.e. a mother-substitute), but desiring for themselves a stoic, determined man.

The importance of sex in a relationship varies from person to person. External factors also exert influence; a strong sex drive, combined with the lack of time or a need for discretion might make short-term liaisons with different partners attractive for some. These aren't too hard to find, if one isn't too picky about the choice of lover and doesn't need much warmth and attachment. Long-term relations with a well-matched partner offer more emotional depth as well as

physical satisfaction, at the added cost of time and commitment.

A successful match of this nature is virtually impossible to plan ahead for (unlike one-night stands). Circumstances just seem to conspire to bring compatible people together. Participation in clubs, common interest groups, or charities are a good way to meet people, but little planning beyond that is possible.

Free thinking and an open mind in matters of sexuality and relationships are desirable when dealing with others, but they are *crucial* when they concern yourself. It isn't difficult to be honest with yourself; the information is out there for those who want it, from books, organizations, and even just concerned individuals. Some seemingly imponderable questions are less threatening if they are talked over, and sometimes a receptive ear can save a lot of grief.

For questions, comments, or a receptive ear (anonymity preserved, of course), contact Charles Barrett (577-8593 by phone, 1-59 by mail), or in care of *The California Tech*, 107-51.

by Ron Gidseg

Passionate romance, political intrigue, civil war turmoil, fast paced adventure—sound good? Well, this is what Peter Weir's *The Year of Living Dangerously* (playing tonight at the ASCIT Movie) promises. Though all these elements are present, they aren't what the movie is really about.

On the surface, the movie is Guy Hamilton (Mel Gibson), an Australian journalist, being sent to 1965 Indonesia to cover the conditions that could at any time lead to national civil war, who while doing this reporting falls in love with Jill Bryant (Sigourney Weaver), an attache at the British Embassy. The country does start to fall apart along political lines, and all are in peril.

Suspense, intrigue, and passion are there, but they have an understated quality that makes the whole movie have a matter-of-fact feeling in even the most extreme scenes.

What the movie *is* about is the relationship between cause and effect, reality and shadow all set in the world of extreme contrasts that was 1965 Indonesia. These aspects are brought out by the third major character, Billy Kwan (L. Hunt), Guy's photographer and Jill's closest friend. Billy thinks he controls the lives of Guy and Jill and is responsible for their relationship.

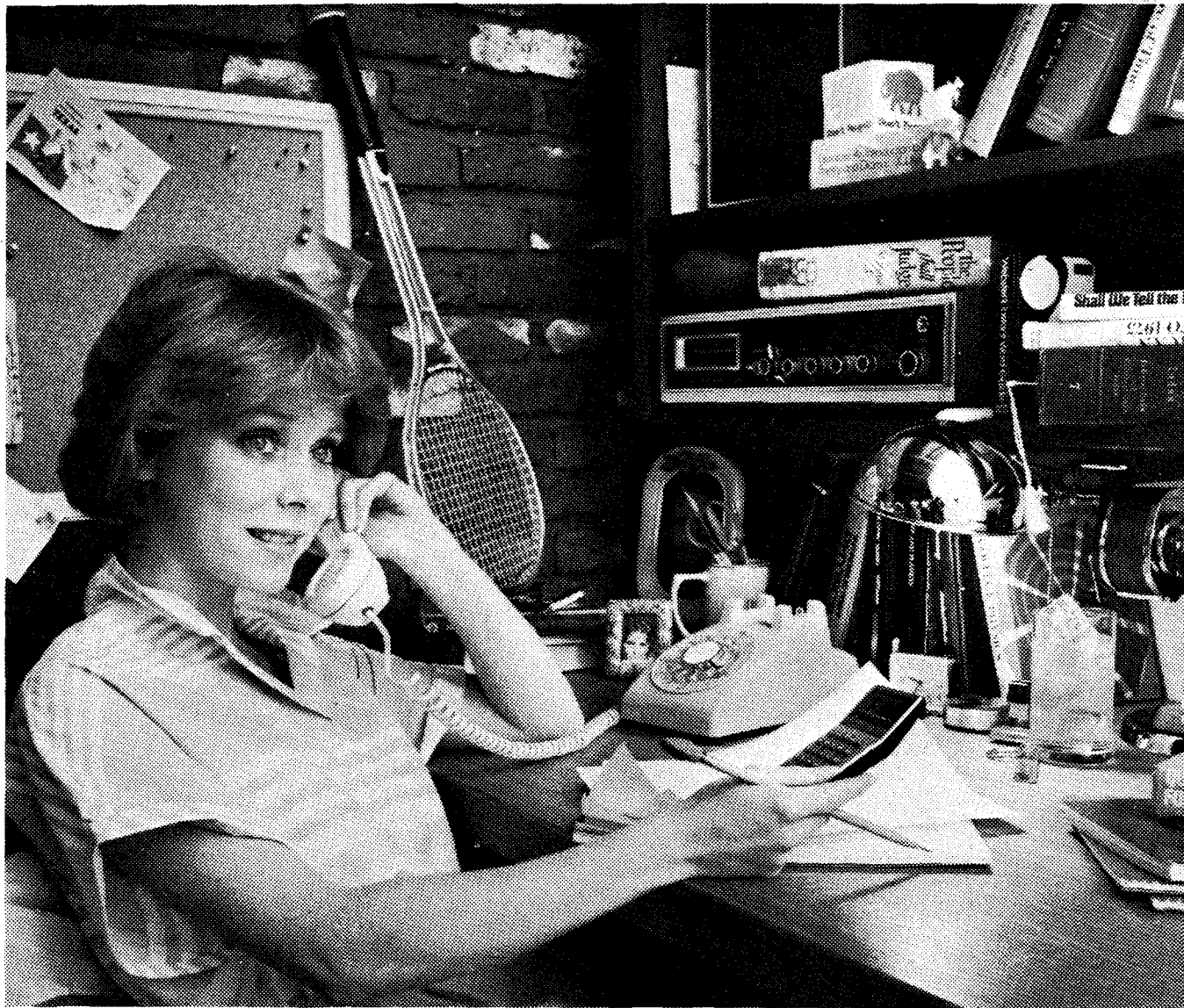
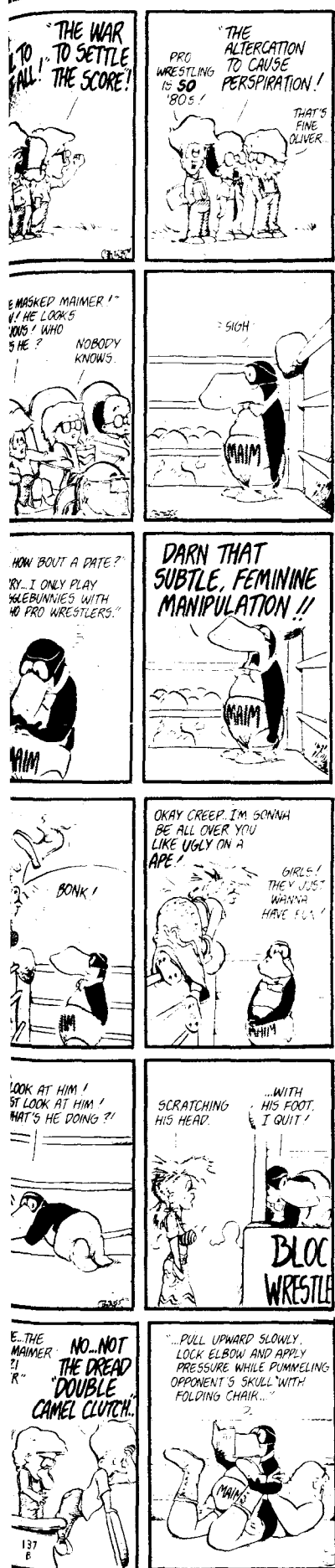
Billy is also the bridge between the extreme poverty of most of the Indonesian people and the very comfortable world of the embassies and the government.

All the varying atmospheres were done exceedingly well. (Location shooting was done in the Philippines and Australia.) The acting is superb, as was the directing. Peter Weir has also brought us *The Last Wave*, *Gallipoli*, and *Witness*.

Overall, the subtle quality of the film is its greatest asset and one should not see *The Year of Living Dangerously* with preconceived ideas of what it is about.

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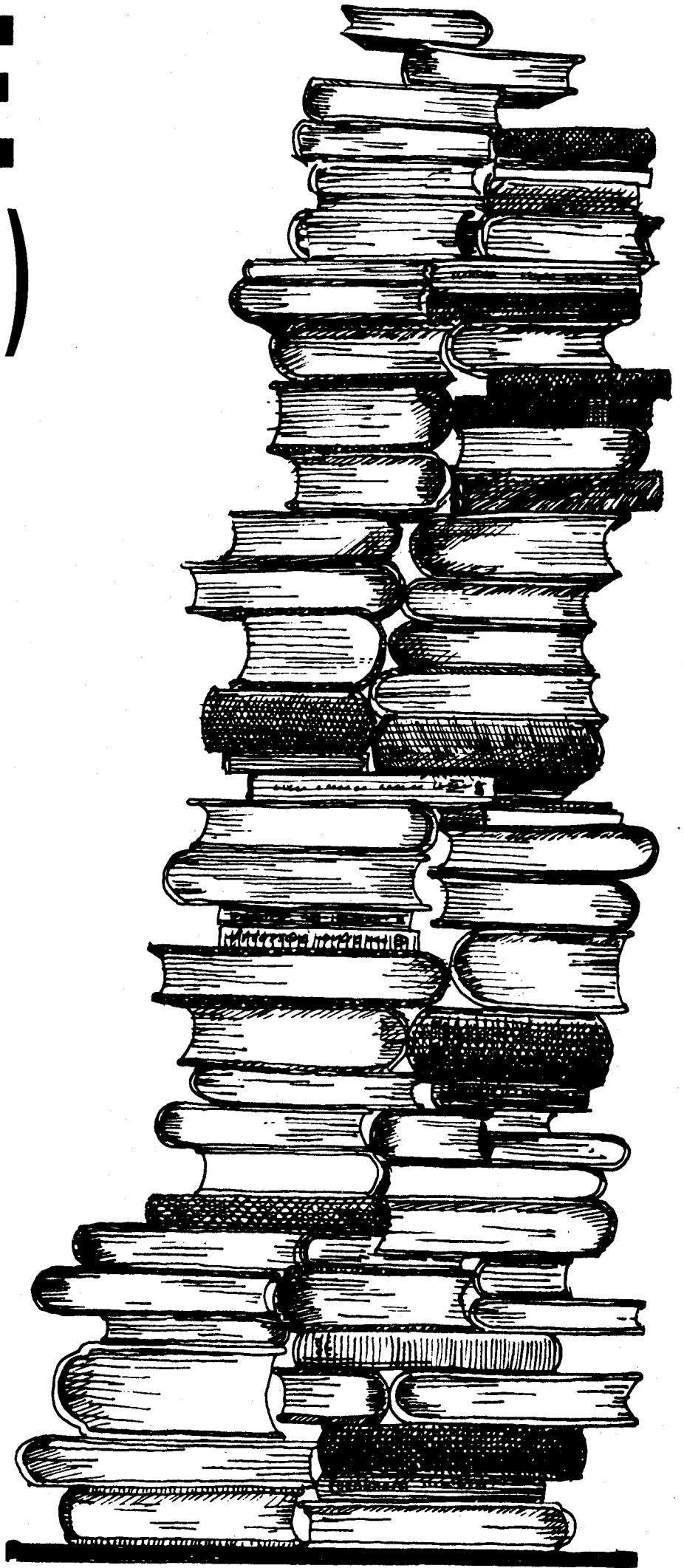
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April 25th & 26th

ENTERTAINMENT

LIFE'S little NECESSITIES

Spinal Tap—The one and only rockumentary. A must see. With *Eating Raoul*. Rialto Theatre, South Pasadena. Fri. April 19, Sat. April 20. *Tap*: 4:30, 8:00. *Raoul*: 2:45, 6:15, 9:45.

SUPERCUSSION plus—Big band with a unique Afro-Latin sound. Beckman Auditorium. Sat. April 20, 8 pm. \$12, \$10, \$8.

The Woman Next Door—Another Truffaut movie. Monica Theatre, Santa Monica. Sat. April 20, Sun. April 21. \$4.50.

Stuttgart Piano Trio—Coleman Chamber Concert. Beckman Auditorium. Sun. April 21, 3:30 pm.

The Madwoman of Chaillot—A TACIT production in Ramo. Performances April 19 and 20 at 8 pm, April 21 at 2 pm. Tickets \$6, 5, 4.

Bread & Chocolate—Famous and very funny Italian movie. Rialto Theatre, South Pasadena. Tue. April 23, Wed. April 24, 9:20 pm. With *Where's Picone* (7:00)

SPORTS

Weekly Sports Calendar

Day	Date	Time	Sport	Opponent	Location
Sat.	4-20	11:00 am	Track	Westmont & UCSD	Caltech
Sat.	4-20	12:00 noon	Baseball	Pomona-Pitzer	Pomona-Pitzer (2)
Sat.	4-20	1:00 pm	Women's Tennis	Occidental	Occidental
Sat.	4-20	2:00 pm	Men's Tennis	Christ College	Christ College
Sun.	4-21	3:00 pm	Women's Soccer	Caltech vs. T.N.T.	La Salle High
Tue.	4-23	3:00 pm	Baseball	Pomona-Pitzer	Caltech
Tue.	4-23	3:00 pm	Men's Tennis	Whittier	Caltech
Wed.	4-24	3:00 pm	Women's Tennis	La Verne	Caltech
Fri.	4-26	All Day	Women's Tennis	SCIAC Tournament	Redlands
Sat.	4-27	All Day	Women's Tennis	SCIAC Tournament	Redlands
Sat.	4-27	11:00 am	Track	Caltech Invitational	Caltech
Sat.	4-27	12 noon	Baseball	Claremont-Mudd	Caltech (2)
Sat.	4-27	1:30 pm	Men's Tennis	La Verne	La Verne
Sun.	4-28	1:00 pm	Women's Soccer	Jazz	Caltech

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Oxy Washes Caltech

by Doug Oute

The past two weeks have been a trying time for the Beaver faithful. Caltech ran into adversity in the form of Occidental College and La Verne, and dropped six games by a combined score of 92-10.

The Occidental series saw the death of the Caltech offense, as the Beavers had only 8 hits in the whole three games. Credit Occidental's pitchers with a fine job. Brandon Mymudes collected 2 hits in the series, and Michael Keating stole 3 bases in some of the better parts of the series for Tech.

On a sad note, Min Su Yun was lost for the season when he collided with the leftfield fence while trying to catch a ball, and split his kneecap.

The La Verne series was marginally better for the Caltech offense, but the Beaver pitching staff took one on the chin. In the first game of Saturday's doubleheader the Beavers had six hits. Ed Casey was 2-3 at the plate, and Jim Hamrick had a three run homer to account for the Beavers runs. In the second game Caltech scored 5 runs in 5 hits. Mike

Keating stole a base, and Jim Hamrick was 3/4 at the plate, with a homerun and a triple. On Tuesday the Beavers were victims of an awesome pitching performance, as 17 Beavers struck out. Brandon Mymudes, Mike Keating, and Gino Thomas had the only hits for the Beavers, and Russ Graymer scored the only run to avoid the shutout.

The Beavers now move into the competitive part of their season. On Saturday they travel to Pomona to determine who will be the cellar dwellers of SCIAC.

*"Up in the air,
Junior Birdmen!"*



by Neal

Freshman David Gates broke his own school record in the triple jump with a leap of 45 feet, 10 1/4

inches. His effort highlighted a double-dual meet in which Caltech beat La Verne 96 to 51 and lost to

Occidental by a score of 124 to 36. Versatile Robbie Dow also contributed much needed points by placing in the high jump and the 400-meter dash and the 400-meter hurdles. Other noteworthy performances were turned in by Jeff Tekanic in the hammer throw, javelin, shotput, and discus, while John Beck ran strong races in the 400-meter dash and the 400-meter hurdles. But the thrill of the day came when Dave "Speed Merchant" Gallup soared over the pole vault bar at 13 feet 6 inches for a lifetime best performance. Minutes later he narrowly missed setting a new school record as he nicked the bar at 14 feet 1 inch.

The Track and Field team is now 2 and 4 on the year and will host U.C.S.D. and Westmont Colleges this Saturday, with the first field event scheduled to start at 11:00 am and the first running event at 12 noon.

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WHAT GOES ON

Material for What Goes On must be submitted typed on or with an Announcement Form, available at the offices of The California Tech, by the Tuesday preceding the Friday of publication.

Mars Mission

"Manned Mission to Mars" will be the subject of a lecture by Jim French of Jet Propulsion Laboratory at 7:00 pm on Tuesday, April 23 at Von Karman Auditorium, JPL. A manned trip to the red planet is now thought to be technically possible. Jim French will discuss how such a trip could take place in the near future. The lecture is sponsored by OASIS/L-5, the Greater Los Angeles Chapter of the L-5 Society. The NASA film *Planet Mars*, illustrating the history of the exploration of Mars, will be shown following the lecture, which is free and open to the public. For more information, call (213) 374-1381.

New Time

The time of the weekly Friday night service has been changed (permanently) to 6:15pm. The services will continue to be held in the Y Lounge, and any interested people will be our guest for dinner afterwards. Call 793-3859 for more information.

Portfolio

The Caltech Student Investment Fund (and maybe even its board of directors) will meet on Wednesdays at 5 pm in the Millikan Board Room, beginning two days ago.

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►C★L★A★G★S◄

CLAGS will be meeting this Sunday at 2:00 pm in 210 Baxter. We'll be finishing planning the third term party. Everyone is welcome to attend.

Honor! Wealth! Fame!

The Mary A. Earl McKinney Prize of \$500 is awarded for excellence in writing. Any sophomore, junior, or senior at Caltech is eligible to compete. Essays may be ones you have prepared for a humanities class or any good piece of your writing on a topic relevant to the humanities. Papers must be typewritten and double-spaced. Students who wish to be considered for this prize should contact a member of the Humanities faculty. If the essay is worthy, the faculty member will turn the paper over to the McKinney Prize Committee. Each student is entitled to only one entry. All contestants must submit their papers to a faculty member by May 7th.

The essays will be judged by a three person committee from the Literature faculty. Papers will be judged on the quality of the thought and the effectiveness of the writing. Winners will be announced the last week of May. The name of the winner (or winners) will appear in the commencement program. The Committee may divide the award in case of more than one outstanding entry.

If you have any questions, contact Dr. Jenijoy La Belle, x3606.

Seniors Wanted!!!

Seniors wanted as research subjects.

The Career Development Center in beginning an exploratory research project to examine and help explain the profile of today's Caltech undergraduate. We need seniors who will volunteer for approximately one hour of testing. You will be given two separate tests—a vocational interest inventory and an assessment of work-related personal values.

The tests will be computer scored and a profile of the interests and values of the graduating senior will be developed. (Next fall, incoming freshmen will be tested to produce a comparison profile.) Your individual results will be made available to you if you wish.

The tests will be administered in groups in Winnett Clubroom I. Scheduled testing times are:

Tuesday, April 23, 4:30-5:30pm

Friday, April 26, 1:30-2:30pm

Monday, April 29, 11am to noon

Please volunteer yourself as a research subject! Call the Career Development Center (x6361 or 6362) and sign up for the test time most convenient for you.

Ath Formal

The time for the Ath Formal is drawing near—Friday May 24th is this year's date. Start thinking about that special someone you'd like to ask! Watch this space for details on tux and floral discounts and other important information. If you're interested in working on this year's formal, come to the Executive Social Committee meeting on Sunday the 21st at 7:30pm in the Y lounge, or call Sam Wang at 578-9768.

Christian Fellowship

Jim Dyke, the collegiate pastor at Lake Avenue Congregational Church, will be speaking this Friday night. The topic is prayer, our personal communication with God. The meeting is in 210 Thomas at 7:00 pm and everyone is welcome.

The Square Dance was a big success, but someone left behind a windbreaker. Please come to Ruddock 101 to claim it.

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Bridge Tournament

Yes, you can still enter! Turn up on your own, with your partner or your team to:

Place: Red Door Cafe

Date: Sunday April 21st

Time: 1:00 pm (sessions run 1pm-4pm and 7pm-10pm)

Five-man teams are O.K. if you only want to play one session. There is an entry fee of \$1. BIIIGGG prizes to the winners! For more information, call Jeffrey (x4744, 793-0814).

Milked Dry?

Each year Caltech awards upwards of twenty Institute and Carnation Fellowships. These awards are based solely on academic and/or research excellence, and are available to any freshman, sophomore, or junior enrolled at the Institute.

If you are interested in applying, applications are available in the office of Phoebe Ray (304 Braun). They should be returned by April 30.

Ebell Scholarships

Ebell of Los Angeles is offering awards of scholarships based upon character, scholarship, health, and financial need for the coming Fall school term. Applicants must be a legal resident of Los Angeles County, and have a minimum grade point average of 3.25. Deadline for application is May 1, 1985. For applications and further information, please come by the Financial Aid Office, Parsons-Gates, 10-31, or call x6280.

Like Mom Used To . . .

The Caltech Service League will hold its annual Plant and Bake Sale on Friday, April 26 from 8:00 am to 1:00 pm on Winnett Patio. Come buy a cup of coffee and some home-baked cookies, and meet the volunteers who bring you Thanksgiving turkeys, Christmas boxes, etc. . . , and who help finance many student activities.

Spring Blood Drive

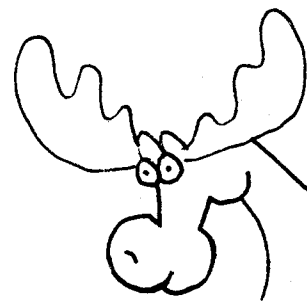
Caltech will be having its spring blood drive next week, on April 23 (9:45am-2:30pm), 24 (1:15pm-6:00pm), and 25 (8:15am-1:00pm) in Winnett Lounge. There will be a competition between the seven houses, as follows: the house with the highest percentage of blood donors will win 1/2-keg of beer or an equivalent amount of soft drinks. Make appointments in advance if possible, but drop-ins are welcome. For appointments, call Linda Martin, extension 6374 (Personnel).

Deadline jr.

This is the *real* last reminder that the Dean's Office is once again awarding the Junior Travel Prizes. These cash awards are available to encourage juniors to rest their weary minds and bodies before their senior year. If you are interested, please write up a short description of your proposed travel and a tentative budget. Proposals are due in the Dean's Office, 102 Parsons-Gates, by April 19th. That's today, so act *fast*.

Read All About It

There will be a meeting of the staff of *The California Tech* today at 12:15pm in room 127 Baxter. (This is also known as the class PA 15.) Feel free to stop by if you're interested in working on the *Tech*.



I have a
Growfy
Day!

Caltech 107-51

PASADENA, CALIFORNIA 91125

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