

YOUR
SECRETARY

THE CALIFORNIA TECH

HATES
YOU

VOLUME LXXXVIII NUMBER 22

PASADENA, CALIFORNIA

FRIDAY 3 APRIL 1987



Caltech hockey team members congratulate MIT rivals (above) at the conclusion of their match at the Pasadena Ice Arena. The Massachusetts Beavers snowed our own by 11-3. Caltech player/coach George Yates discusses the rules of the ice with the MIT coach before the game (lower right). At left, from top to bottom: •The UCLA "Briuns" attempt a prank before the

match. Two passes of the Zamboni slushed the R.F. away. •Caltech President Murph Goldberger starts the match with the ceremonial puck drop. •Jim Toth (21), Dwight Berg (15), and René Fradet (28) of the California Beavers skate circles around the lone MIT iceman. Game photos by Robert Paz.

First Beaver Cup Goes to MIT

by Jason

The game of the century (the first annual Beaver Cup) turned out not quite as planned with the MIT Beavers beating the Caltech Beavers 11-3. Meetings between the technological power-houses are rare, and the hockey team played it up all they could. Several social functions were held prior to the game to acquaint the two teams.

UCLA tried to mar the game with a prank by spray-painting "UCLA Briuns" (no that's not my typo) on the ice. The Zamboni removed the graffiti on the first pass however. Just before the game

the two teams exchanged gifts, MIT shot glasses and Caltech Puckster T-shirts. Then Murph Goldberger dropped the puck for a ceremonial faceoff.

Caltech's strategy was to play physically, using a size advantage to intimidate the MIT players who were better skaters. The small size of the Pasadena rink, something the MIT players weren't prepared for, was an advantage for Caltech. Unfortunately the strategy backfired. Four first period Caltech penalties kept the Caltech offense from ever getting started. For most of the first period the game was scoreless but

a power play goal with three minutes left gave MIT the necessary momentum to start a rout.

Caltech started out the second period much as the first but MIT began to slowly pull away with two additional goals. By the end of the second period the Caltech players were no longer hustling and the score was 5-0 MIT. Since the MIT players had better abilities the Caltech players needed to work harder just to stay even.

MIT began scoring at will and ran up the score to 10-0 at one point. At this time the second line **continued on page 7**

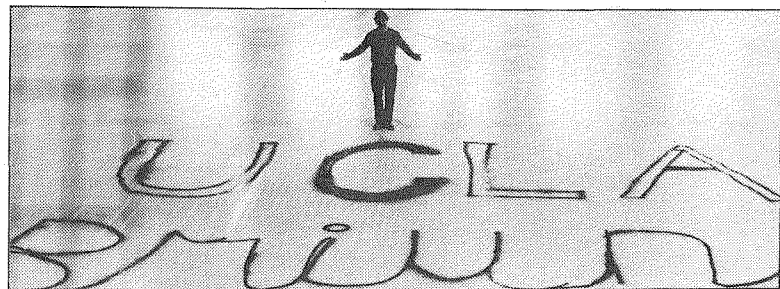
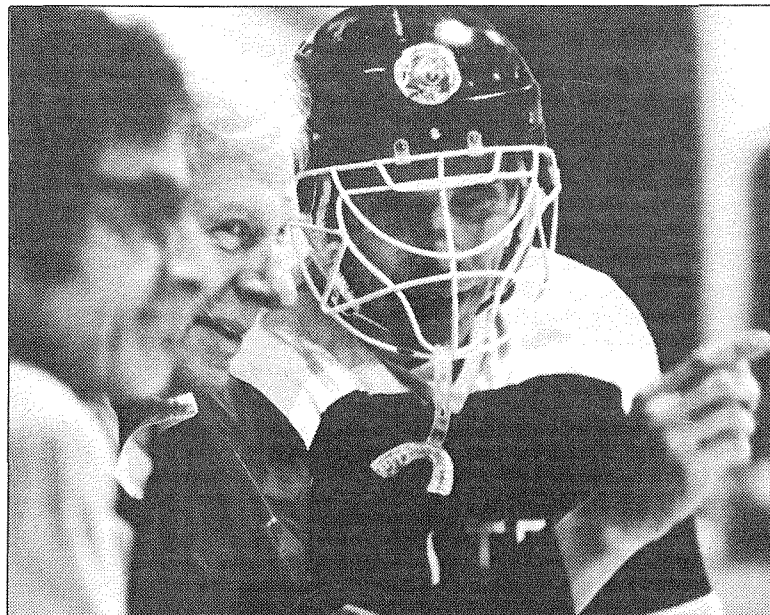


photo by Michael Keating



Ken McGuire Leads Y

by Huy Cao

These days, new ideas are in the works at the Caltech Y. Dr. Ken McGuire became the new Executive Director of the Caltech Y six weeks ago. He replaces Huston Horn who retired last year.

Dr. McGuire previously worked at Pepperdine, where he worked eight years in sociology and social science. At Pepperdine he was also director of a program in which he worked with students who had interests in community programs.

His new job consists mainly of overseeing all the programs, services, and the budget for the Y. He works with the Caltech Y board—the policy-making body of the Y—as well as with Caltech students in bringing about programs.

Under his directorship the Y will, of course, keep providing those things that we all need, like Friday noon concerts, skiing/backpacking/sailing trips, Decompression™, and sponsorship of lectures and workshops.

"Those programs won't change," said the new director, "but I hope to see with my presence that we would strengthen those programs and add more programs."

One area of added emphasis will be to work more closely with students so that more of them can get the programs they want into action.

"I'd like the Caltech Y to co-sponsor events with the various houses. Let a house come up with a program or an idea and bring it up to the excomm—the student executive committee—and we can work together in bringing programs about to better represent the student body."

To communicate this directly with members of the houses, Director McGuire will come to dinner at each of the houses soon.

"I've only been here for about six weeks and I guess in that short time my perception is that the Caltech Y is one of the best-kept se-

crets on campus. We're doing a lot of exciting things, but I don't think we're being aggressive enough in getting students involved in these programs.

Dr. McGuire hopes, "When I'm at the houses we'll talk about how the Y can work more closely with them."

Dr. McGuire wants to see more stress on leadership programs as well.

"One of the areas I want to explore is the whole area of leader-

ship development with students at Caltech. An example is, along with Ametek Corp. in Pasadena, we'll be sponsoring a leadership luncheon each year where we bring entrepreneurs from the community onto campus to talk about their roles in the business community. The speakers will be drawn primarily from our own [Caltech Y] board.

"We invite 100 students to these leadership luncheons. There was **continued on page 6**



LETTERS

Final BOC Letters Keep the BOC

To the Editors:

A number of letters ran in the *Tech* last term discussing the pros and cons of the way the Board of Control currently operates. One in particular, by Shubber Ali, stated several opinions with which I strongly disagree.

Mr. Ali first suggests that BOC members may see their position as something that they are forced to do, and that they became members of the BOC only by default, because nobody else in their house would run. I am not entirely familiar with the by-laws, but I am certain that any BOC member who does not wish to be on the BOC is free to resign at any time. This has not occurred, and I do not believe it will in the near future, because the BOC reps are all willing to be on the BOC, and to dedicate their time to upholding the Honor System. They volunteer to run for the position, and certainly do not see it as something that they are forced to do which wastes their time.

Shubber Ali strongly insinuates that BOC members may be biased against a house, and against the people of that house. "Is it not possible," he asks, "that a BOC vote could be biased for or against a student depending on which house he is from..." It is also possible for a pan of water placed on a hot stove to freeze. There is no physical law which prevents it, yet we know from experience that it cannot occur. I know BOC reps from my own house and other houses, and I have the utmost faith

in their integrity and ability to remain unbiased. I cannot prove to you that they are above house bias, but I know from my experience talking with them and observing the way they treat others that it will not occur. I believe that accusing the most honest and impartial members of the Caltech student body of house bias is insulting to the BOC, the Honor System, and everyone who enjoys the benefits of the Honor System.

Mr. Ali advocates changing the method of selection of the BOC reps, so that seven are elected at large. While this method certainly would generate people interested in the position, I do not believe that this is a problem at the present. Furthermore, it takes away the ability of the students to make an informed choice. I, for one, am familiar mainly with the students in my own house, and I am basically unfamiliar with most of the residents (especially upperclassmen) of other houses. If I am asked to select one of three or four people in my own house for the BOC, I know them well enough to have a good opinion whether or not they would do well as a BOC member. If I am asked to vote for seven people out of thirty, of whom I may not have even met ten or fifteen, I cannot make good choices. In all probability, I will vote for my friends; people I know and have a good impression of, which will consist mostly of people in my house. Quiet, honest people in other houses deserving of the office may not get my vote, because I do not know them well enough to have an opinion of their honesty and their respect for the Honor System. I believe that the present system allows the students to make the best decisions, and results in the most qualified people being elected to the BOC.

Mr. Ali also considers the

"problem" of the BOC's minutes and operation in general being kept secret. I was not entirely certain whether he feels they should be available to the administration, or the students, or both, yet I feel that secrecy from both of these groups is necessary in order for the Board to function. It is, of course, given that the minutes not be available to students. The knowledge of who has been accused of violations and why they were or were not found guilty would serve only to prejudice a number of friendships. This secrecy protects the BOC members from being influenced by peer pressure. Justices in the U.S. Court system are elected to long terms; the more influential the court, the more time there is between elections. Also, the justices do not have to interact with the general populace on a daily basis. The BOC members, however, are active members of the Caltech community in other ways besides serving on the BOC, and serve terms of only one year. Were all the students able to read the voting records and opinions of BOC members in each case, tremendous pressure would be put on the BOC to vote leniently for the more popular people. Before casting a vote, BOC members would not ask themselves "Is it fair?" as much as they would ask "Will it keep me the most friends?"

The reason for the minutes not being available to the faculty and

administration follows the same line of reasoning. Professors would, perhaps not intentionally, treat a student with less trust if they knew that he had been accused of an Honor System violation. While the minutes are not always available to the Dean, this is probably not necessary in most cases, since he can talk to the BOC chairman, the person accused, or any other member of the Caltech community. All the information available to the BOC is available to the Dean. In the U.S. Courts, there are laws for the exclusion of improper evidence. The BOC has only the right to keep its minutes secret.

Mr. Ali points out that this might lead to serious problems if the BOC's recommendation is unfounded and based on bias. I expect that this does not occur often, since the BOC members were elected (or selected) within the past year for their ability to remain impartial and treat others justly. Even in the event that an unfounded recommendation does occur, the Dean will no doubt discover this by talking with the BOC chairman and the students or witnesses involved. The frequency with which the BOC gives out fair recommendations is supported by the infrequency of occasions on which the Dean has not approved a recommendation.

Finally Mr. Ali raises the question of a "flaw" in the Honor System, in that people are

sometimes torn between whether to (a) turn in their friends for violations, or (b) confront the friend and try to correct the situation. The best answer, and one covered by the current system, is (c) both of the above. Confront the friend, make him aware of the violation, and encourage him to report his violation to the BOC. While on some occasions method (b) alone may work, let's face it. Friends are not always impartial to close friends. Even if everyone has the best of intentions, the advantage may not be completely nullified, or the violator may not realize how the violation could have best been prevented in the first place. If this is the case, it is necessary for the BOC to enter

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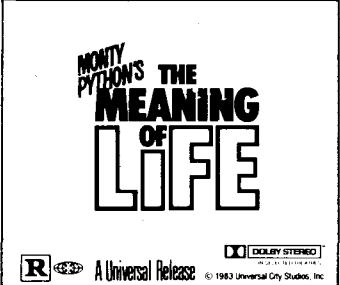
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LETTERS

and see that all unfair advantage has been removed, and the Honor System is maintained.

This method also works for the rather ludicrous example of using someone else's soap in the shower, which was brought up in the letter I am responding to. If the violator buys the owner a new bar of soap, he can expect a milder recommendation from the BOC, since he voluntarily nullified his advantage when made aware of it.

Following the rules and reporting Honor System violations is in no way analogous to the informing that went on in Germany in the 1930's-40's. The two can only be contrasted, not compared. Germany's laws at that time restricted and removed the rights of select groups of people. The Honor System upholds the right of all members of the Caltech community to not be taken advantage of unfairly.

In closing, I would like to mention an incident not directly related to Mr. Ali's letter. A couple of weeks ago a petition circulated, the signing of which advocated the recommendation for expulsion to cases involving physical violence, academic cheating, or repeat of-

fences. I signed that petition in haste, and am repenting it at leisure. In hindsight, I have realized that the BOC's recommendation should be based solely on the ability of the person to continue to function under the Honor System. While this is related to the magnitude of the violation, it is also dependent on why the violation was committed, and whether the violator is willing to try to prevent future violations. I therefore support the current system of operation of the BOC and the Honor System, and I hope that other Techers agree with me in this regard. I welcome positive or negative feedback in person or in the form of letters to *the Tech*.

-Fred Upton
1-53, Page House

Maintaining The Trust

To the Editors:

1)What is "appropriate" punishment for non-academic violations? Many of us are not familiar with the open, crowded conditions of

CIT's undergraduate Houses and hence may view the missing sofa case as too trivial to justify BOC intervention. However, House residents have concerns unique to these living conditions. For example, is it safe to leave my homework or calculator on my desk or my door unlocked? Can I trust someone to turn in my examination without looking at it? Because CIT undergraduates interact frequently with each other on a day-to-day living basis, BOC officers and members might view a person's inability to live within the Honor System (due to, for example, lack of remorse about removing a sofa) as a threat to the openness and freedom of their homes and treat such a case more severely than we (who do not live in the Houses) might think to be appropriate. We should keep in mind that from our distance, such a case seems less important than it appears to House residents.

2)What is the roll of a defendant's prior history? The By-Laws require that a Board take a defendant's prior history into account in determining punishment for a convicted violator. As Honor System cases are usually secret, the community at large is usually ignorant of prior history when a particular case is made public. As observers, we should not be quick to judge a Board's action as harsh or lenient when we are ignorant of prior history. The student Deans are able to make that judgment when evaluating a Board's recommended action.

3)Personal involvement ethics for honor board members? At least for the GRB, the GSC By-Laws do not spell out grounds for self-disqualification of Honor Board members. One possible interpreta-

tion follows. Due to the small size of the student population, it is possible for a Caltech student, graduate or undergraduate to know a fairly large percentage of the student body. If it so happens that GRB or BOC members should be involved in case where know a defendant, accuser or witness, they should ask themselves, "Does my relationship with this person jeopardize my ability to decide matters fairly?" If the defendant, accuser or witness is a blood relative, close friend, lover or roommate, the answer should be "Yes"! The Board member/officer should immediately disqualify himself from participation in that case. When the accused is known by sight or as an acquaintance, the decision is tougher. Again, living conditions may play a role in the decision, as BOC members may literally have to live with the consequences of their decisions for several years; this is seldom the case with GRB members. If you know (or believe) that you might repeatedly have to come into contact with the accused after completion of the case, then disqualification is probably necessary.

The exercise of impartial judgment in Honor System cases is difficult even when one does not know the participants. As a case progresses, one develops likings and antipathies for the involved parties. The key is to be able to recognize that you have these feelings and then work to overmaster them. It helps to remember that your actions as a Board member can permanently alter the career and life of a defendant. Personal involvement makes the struggle between reason and emotion much

more difficult. Because of the enormous responsibilities borne by BOC and GRB Chairpersons during the initial stages of an Honor System case when only they know the identities of all parties, it is vital that they be able to conduct case investigations impartially. Personal friendship with an accused person is grounds for immediate self-disqualification. If the facts in Ms. Hansen's letter (*Tech* 13 March 1987) are accurate, the BOC Chairman should have immediately disqualified him/herself and informed the Board of the need for appointment of a temporary Chairman. Such action is vital to maintaining community trust in the integrity of the honor system.

-David E. James
GRB Chairman 1985-86

Students Say SAT Skewed

To the Editors:

Greetings from Brown University. We are a group of concerned students who would like to share with your undergraduates a referendum which we are sponsoring at Brown.

Our purpose in having the Brown student body vote on the resolution: "The College Admission office should no longer require prospective Brown students to submit SAT scores" is to determine whether this was a pressing issue within the Brown community. We believe from the initial response of our undergraduates this is indeed a timely issue.

Your school (as you know) is considered a "selective" college. The SAT according to many is an important factor only at selective colleges. We disagree that it is an important factor anywhere.

Many questions can be raised
continued on page 7

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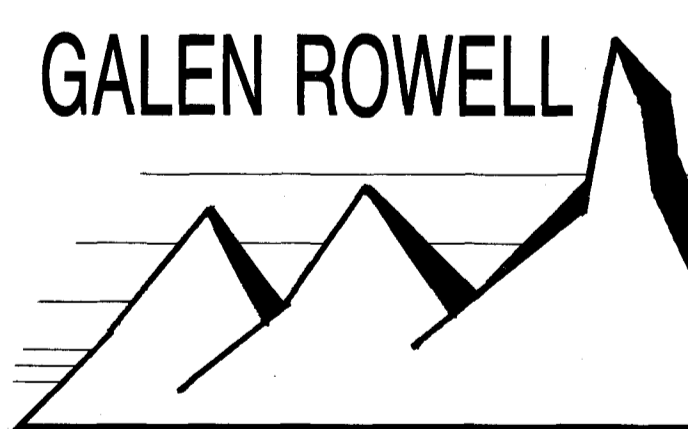
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BOY, I'D SURE LIKE TO EAT THAT HOSTESS "ZINGER."

WHONK!

IT'S WORKING, MILO... I'M LOSING MY APPETITE... I... I'M LOSING MY DESIRE TO EAT! I... I'M LOSING CONSCIOUSNESS.

GET UP, YOU WEEWEE! THERE'Z FORTY MORE TREATMENTS TO GO!

LADIES AND GENTLEMEN... OUR LAWYERS HAVE ORDERED US TO RETRACT THE "IMPLICATIONS" OF YESTERDAY'S PANEL... ALTHOUGH WE HONESTLY DON'T KNOW WHAT THEY'RE TALKING ABOUT.

IT FEATURED LT. COL. OLLIE NORTH...

... AND HIS SECRETARY, ANNETTE FUNICELLO.

WHATEVER IT WAS, WE RETRACT IT.

THE LAWYERS WANT TO SPEAK TO YOU OUT IN THEIR LINDO.

ANOTHER WEIGHT-MANAGEMENT TECHNIQUE, POPULAR IN HOLLYWOOD, IS FAT SUCTIONING.

THIS IS WHERE FAT IS ACTUALLY VACUUMED OUT OF A PARTICULAR AREA OF THE BODY... FOR INSTANCE, THE BUTTOCKS.

HEY, IN THERE... ARE YOU READY TO GET SVELTE?!

MILO? I'VE CHANGED MY MIND... I... I'LL JUST DRINK LOTS OF "TAB"...

BEND OVER.

THE WHOLE THING STARTED AROUND DINNER TIME IN THE BOARDING HOUSE LAST TUESDAY.

I HAVE CONCLUDED THAT IT IS AN IMMORAL DISTINCTION TO SAY KILLING A COW IS ANY LESS WRONG THAN KILLING, SAY, A WHALE.

YOU DO FIND THE DESTRUCTION OF SEA MAMMALS IMMORAL, DON'T YOU?

ANY GOOD AMERICAN DOES, SON.

GOOD! THIS IS NOW A MEAT-FREE ZONE! LONG LIVE THE VEGETABLE!

BY GOD, LET'S EAT A PEA FOR A PURPOSE!!

HEAR THAT RUCKUS UP THERE, OLIVER?

YES.

KNOW WHAT IT IS?

NO.

IT'S OPUZ GETTING HIS FAT SUCTIONED. THAT'S WHAT IT IS.

REALLY.

ARE YOU SURE THIS IS HOW LIZ TAYLOR DID IT?!

WHIRRR... PULL!

I HEREBY DECLARE THIS HOUSE FREE OF ANY EXPLOITATION OF OUR WILD BRETHREN FOR THEIR FLESH!

WHERE THE HELL ARE ALL MY SHOES?

...OR THEIR SKIN!

THE DIET GUERRILLA SURVEYS THE PRAMAGE... TWO BROKEN RIBS... A CONCUSSION... ONE BARELY BRUISED BUTTOCK AREA...

THE REMAINING DIET ALTERNATIVE IS NOT PLEASANT TO CONSIDER... YET CONSIDER HE MUST...

EAT LESS AND EXERCISE!!

HONEY, THERE JUST AIN'T ANOTHER WAY.

OH, HUSH UP, OPAH.

FELLOW BOARDERS! I'M TALKING ABOUT THE SINCERITY OF ALL LIFE! CAN ANY OF YOU TURN TO ANOTHER AND SAY THAT HE OR SHE IS SUPERIOR BY VIRTUE OF SPECIES? OR BRAIN SIZE? OR WHETHER ONE HAS HAIR ON THE SOLES OF ONE'S FEET? WELL?!

BANKLEY HAD THEM THERE. THEY COULDN'T. HENCE, IT WAS VOTED THAT AS OF MIDNIGHT, THEY WOULD ALL BE NON-LEATHER-WEARING VEGETARIANS.

AN EXODUS OF ANIMAL PRODUCTS IMMEDIATELY BEGAN. THE DEADLINE APPROACHED AND COMPLIANCE LOOKED GOOD...

... HOWEVER, SOME HOARDING WAS REPORTED.

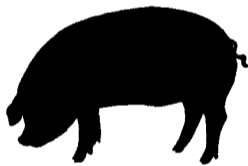
QUICK MAN! 20 DOZEN McNUGGETS TO GO!! AND MAKE IT SWAPPY!!

WELL, POP... WHAT DO YOU THINK?

WHAT DO I THINK ABOUT WHAT?

OLLIE NORTH... FAWN HALL...

FAWN HALL... OLLIE NORTH... WHAT I THINK IS THAT THIS STRIP ALREADY HAS ENOUGH LIBEL PROBLEMS.



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FELLOW BOARDERS! I'M TALKING ABOUT THE SINCERITY OF ALL LIFE! CAN ANY OF YOU TURN TO ANOTHER AND SAY THAT HE OR SHE IS SUPERIOR BY VIRTUE OF SPECIES? OR BRAIN SIZE? OR WHETHER ONE HAS HAIR ON THE SOLES OF ONE'S FEET? WELL?!

BANKLEY HAD THEM THERE. THEY COULDN'T. HENCE, IT WAS VOTED THAT AS OF MIDNIGHT, THEY WOULD ALL BE NON-LEATHER-WEARING VEGETARIANS.

AN EXODUS OF ANIMAL PRODUCTS IMMEDIATELY BEGAN. THE DEADLINE APPROACHED AND COMPLIANCE LOOKED GOOD...

... HOWEVER, SOME HOARDING WAS REPORTED.

QUICK MAN! 20 DOZEN McNUGGETS TO GO!! AND MAKE IT SWAPPY!!

WELL, POP... WHAT DO YOU THINK?

WHAT DO I THINK ABOUT WHAT?

OLLIE NORTH... FAWN HALL...

FAWN HALL... OLLIE NORTH... WHAT I THINK IS THAT THIS STRIP ALREADY HAS ENOUGH LIBEL PROBLEMS.

LAEMMLE THEATRES

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Happy Hour: Mon.-Fri. 3-6

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TERRORISM

The American Response

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8:00 p.m.
24 Beckman Labs

Dr. David Long

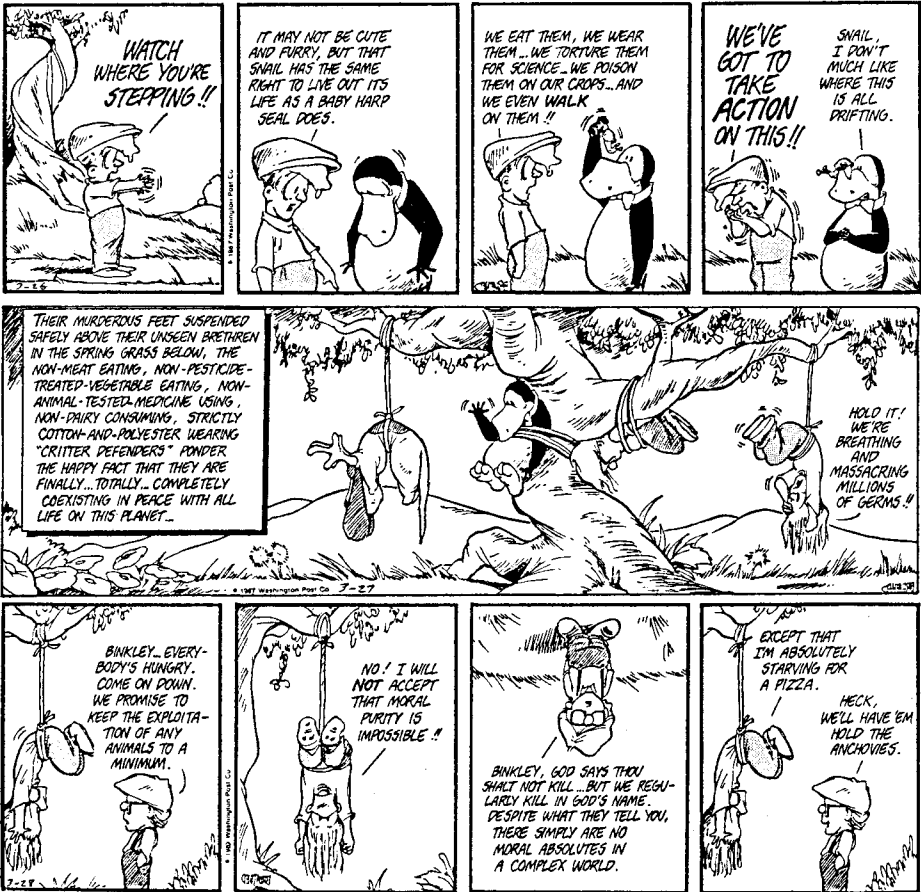
Dir., Middle East Counterterrorism Div.
U.S. Dept. of State

FREE

BY

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D

The Inside World



Blacker: For all you nobodys out there in nowhere, the coffeehouse is coming along loud and clear. They begin pounding every morning when most of us are just getting to bed. They shut off the water so we have to clean away the cobwebs and shower in Ricketts. Perhaps since the new coffeehouse will be closer to civilization it will not be quite so infested with hormone-imbalanced Page things and socially imbalanced Lloyd characters as is the old.

A new term. Great. Second term went well. Finals went smoothly. The whole world is wonderful and merry and joyful. I saw a puppy squashed on California today. All of the flies which usually hangout in Dabney were attracted. Wait. Sorry. Dabney is a fine house, really; and we here in Blacker are grateful for the Darbs allowing us to tramp our shod feet through their lovely lounge, and for their taking care of our frisbee problem in Hell, and hold only the merest of grudges for their endowment of everyone's pal Steven Jose Fernando Isabella Chile Burrito Hernandez-Gomez. No more words. *Ta-tah.*

-Arex

Lloyd: Spring Break—the time when typical college students go to Fort Lauderdale for a week in the sun. Some Techers, however, had better things to do.

Sho K. spent his spring vacation being talked to by his cousins, who don't speak English. They didn't know he doesn't speak Japanese.

Ravi S. was stuck with John Beck for seven days.

Jay G. can't remember anything that happened to him in the past week. Karen O. went home and her mother washed her clothes. She put them outside to dry, and they froze.

John W. had his wisdom teeth pulled. When they were really infected, he shoveled a five-foot snow drift from his driveway. To celebrate his 21st birthday, his parents took him to a bar and embarrassed him by asking the waitress, "Aren't you going to check his ID?"

Alan G. spent his spring break freeing POW's from Vietnam. It's only 2 more weeks until our new format change.

-Skeeter, Enos & Jethro

Ricketts: Spring has sprung, and the beautification of Ricketts Hovse [sic] begins. Industrious workers are toiling away, draping Crud roof in those lovely, big, red tiles you've seen lying in the courtyard. (By the time you read this, they may be done, but don't count on it.) I'm sure all you little Scurves will be going to sleep tonight with visions dancing in your heads of those industrious workers cleaning glass off of those lovely tiles. Inside sources say we won't be held responsible.

So, how was your spring break? Mine was marvy. I came back to find eighty-degree weather and half the people I know wearing shorts. (In some cases, that's not a bad thing at all.) I think it's time to go to the beach.

Back on the subject of industrious workers, Drew is making rather attractive boxes for the fire extinguishers around the house. Take a gander if you have a chance. You never knew a Techer could be so artistic.

I think we all owe a big, hearty congratulation to Buddy and Melissa for being approved as our new RA's. Now the big question: will they accept the job? If they do, I extend to them my deepest sympathies.

Until next time, you all have my deepest admiration and respect. No, really.

-The Lil' Cook-Man

Ruddock: Well, kids, the term of choice has arrived and we can all look forward to sunny days, the Tanning Invitational, and maybe even ditch day. One sheet is already up over the door of the PGR. Hope everyone's spring break was equally as satisfying as yours truly.

Alleys 4 and 5 finally played off Alley 2's poker challenge and 4 lost to move up out of the basement for the first time this year. Most unfortunate.

The coming weekend has a number of Rudds going to San Diego for Model U.N. We wish them all a fine time. The rest of us will stay here and drink beer with Blacker House, who will be planning and throwing a joint party with us in return for television privileges.

Something died in Alley 6. Enough said.

-Bets the Silly Frosh

CALTECH public events

PIANIST ANDREA ANDERSON RETURNS TO CALTECH

The expressive **Andrea Anderson** will give a piano recital tomorrow evening in Ramo Auditorium beginning at 8 p.m. Included in her program will be Haydn's Variations in F minor; Chopin's Fantaisie-Impromptu, Nocturne in C-sharp minor and Scherzo in B-flat minor; Ravel's Gaspard de la Nuit; and Liszt's Consolation No. 3 in D-flat Major and Hungarian Rhapsody No. 11.

Ms. Anderson has toured the United States, China, Sweden, Finland and Lithuania, premiering several contemporary works. Currently she serves as Head of the Piano Department at the Southern California Conservatory of Music.

CIT student prices to this recital are \$6.25; CIT rush tickets go on sale the day of the show for \$6.00. CIT faculty and staff can purchase TECHTIX for \$6.25 today between noon and 4:30 p.m. at the Caltech Ticket Office.

JPL's fourth annual Family Day Lecture will also be held tomorrow in Beckman Auditorium beginning at 11 a.m. Dr. Richard Terrile will speak on "Oddballs from Outer Space: Journey to the Edge of the Solar System, Voyager II Encounters Uranus and Neptune." Dr. Terrile is a member of the Voyager Imaging Science Team: Technical Staff, Earth and Space Sciences Division at JPL.

Refreshments will be served. Admission is free, but tickets are required. They can be obtained through the JPL Public Education Office. Call (818) 354-8594 for information.

Sunday brings **An Die Musik** to Beckman Auditorium as part of the Coleman Chamber Music Series. Beginning at 3:30 p.m. this excellent ensemble will perform Jerzy Sapiyevski's Aria for Quintet; Mozart's Oboe Quartet in F Major, K. 370; and Brahms's Piano Quartet in C minor, op. 60.

CIT students now have available to them a number of free tickets and tickets priced at \$6.00 to this concert.

Just present your CIT student I.D. at the Caltech Ticket Office (limit one free ticket plus one at \$6.00 per I.D.). Tickets to An Die Musik are priced at \$15.00-13.50-12.00-10.00.

Next Tuesday, April 7, the Caltech Y will bring **photographer/naturalist Galen Rowell** to Beckman Auditorium. The narrative of his 4,000 mile journey through Patagonian highlands will begin at 8 p.m. Regional music and a multi-projector slide show will accompany his presentation.

Mr. Rowell is internationally renowned for his remarkable photographs and naturalist's insight into some of the most inaccessible and beautiful regions of the world. He is also author of six illustrated volumes of his expeditions through the Himalayas, Tibet, Nepal, China, Alaska and the mountains of Africa. Tickets to this event are priced at \$7.50; \$5.00 for students. The Caltech Y is now taking sign-ups from From CIT students for \$3.00 tickets. Call the Caltech Y on campus ext. 6163 for information.

Saturday, April 11 brings the return of soprano **Ruth Golden** to Ramo Auditorium at 8 p.m. Ms. Golden's program offers works by Handel Faure, Strauss, Bizet, Dvorak and Gounod. Highlighting the recital will be the world premiere of Byron Adams' "Nocturne."

Ms. Golden recently appeared at the Orange County Performing Arts Center where she portrayed Micaela in the New York City Opera's production of Carmen.

CIT student prices for this recital are \$6.25; rush tickets go on sale the day of the event for \$6.00. CIT faculty and staff prices are \$10.50. They may also purchase TECHTIX for only \$6.25 on Friday, April 10 between noon and 4:30 p.m. at the Caltech Ticket Office.

For further information about the exciting Public Events scheduled this season, call campus ext. 4652. Welcome back from break and good luck in the new term!

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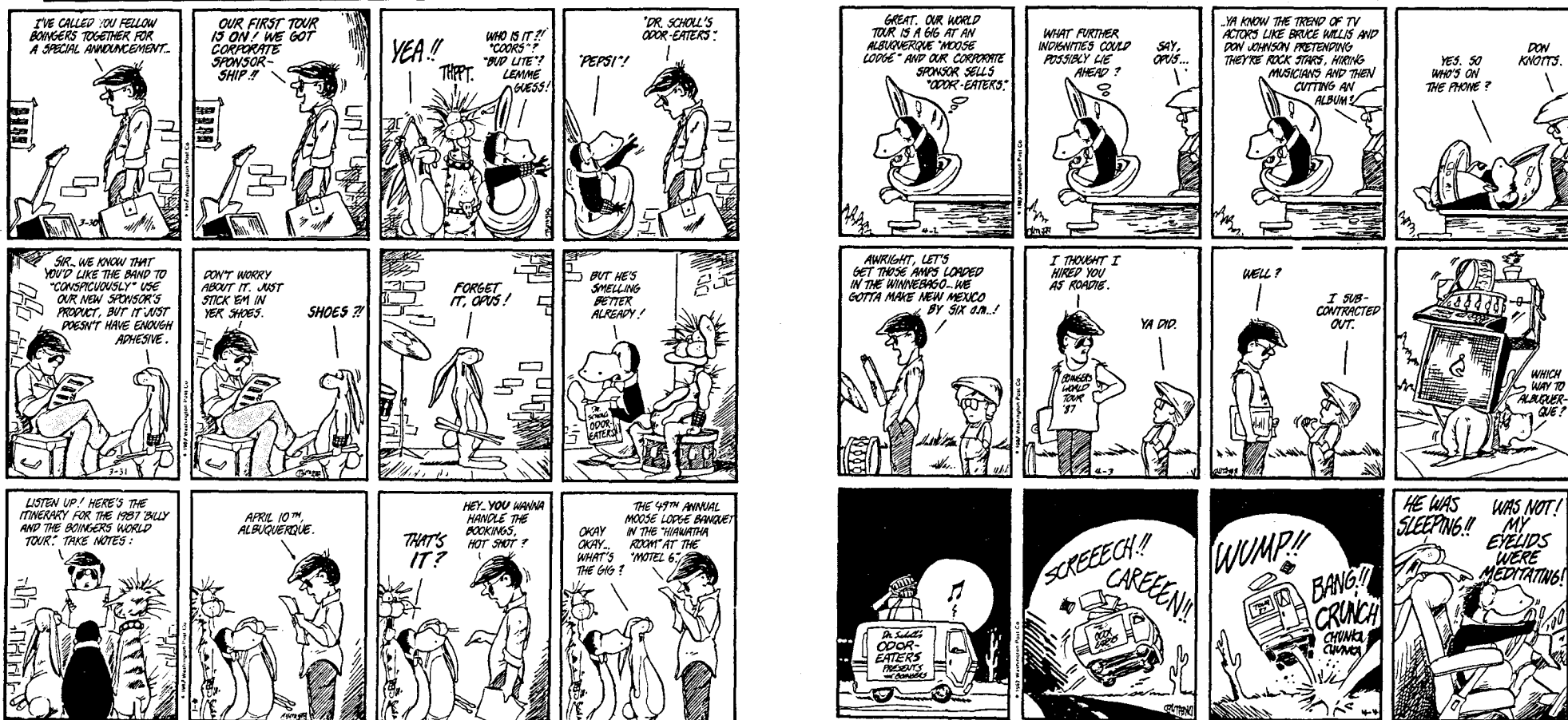
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WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Sat.	4-4	11:00AM	Tennis (W)	Claremont-Mudd-Scripps	C-M-S
Sat.	4-4	11:00AM	Track	Claremont/Redlands	Redlands
Sat.	4-4	12 NOON	Baseball	Whittier	Whittier (2)
Sat.	4-4	1:30PM	Tennis (M)	Occidental	Occidental
Mon.	4-6	1:00PM	Golf	Redlands	Occidental
Tue.	4-7	3:00PM	Baseball	Whittier	Caltech
Tue.	4-7	3:00PM	Tennis (M)	Whittier	Caltech
Wed.	4-8	3:00PM	Tennis (W)	Whittier	Caltech
Thu.	4-9	1:00PM	Golf	Pomona-Pitzer	Redlands
Sat.	4-11	11:00AM	Track	Claremont/Pomona/La Verne	Caltech
Sat.	4-11	12 NOON	Baseball	Occidental	Occidental (2)
Sat.	4-11	2:00PM	Tennis (M)	Point Loma	Point Loma
Sun.	4-12	All Day	Women's Soccer	Tournament	Caltech

McGuire

from page 1

one a year ago. The next one is on May 21. Dennis Standfill who is on the board will be the speaker.

"Secondly what I'd like to do is take our current student leaders—the presidents from the student ex-comm, from ASCIT, from the graduate student council, and from the houses, and see if they can attend an off-campus leadership development seminar. We'd like our students to go out, experience it, and be exposed to techniques in leadership, decision-making and the like.

"Thirdly we'd work with the SURF program. We'd provide students with the opportunity to go into the Pasadena community to share with high school science students the research they've con-

ducted. This of course gives them a chance to present and to develop their communicating skills."

So far he has found Caltech to be, in his words, "very exciting."

"I'm impressed with all the resources available. And I have to be careful when I come up with an idea because before I know it that idea is put into action! It's very stimulating here, especially with the students."

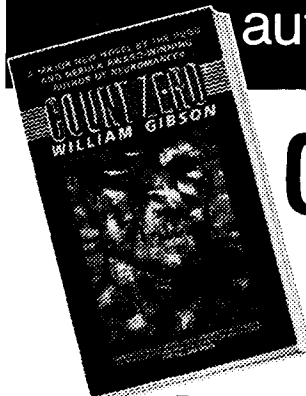
For students who are interested in Y projects, Dr. McGuire urges, "Just come to talk with me or the students in excomm or come to our meetings on Monday at noon. We encourage visitors to attend."

Without adequate student representation, he jokes, "We'll have a heck of a lot of fun spending your money!"

So, what is the Caltech Y? "The Caltech Y can be whatever the students want it to be."

WILLIAM GIBSON

"Science Fiction's hottest author."—Rolling Stone



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"Gibson romanticizes the computer the way Bruce Springsteen romanticizes the car." —Rolling Stone

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—Paul Wallace, Westways Magazine

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LETTERS

from page 3

about the SAT. We believe the time has come when high school seniors across this country should stop having to pay to take a test which indicates the socio-economic position of the student's parents rather than the student's ability to work. Why do minorities do worse on the test than their educational disadvantages can account for? How substantive can the test be if some coaching companies regularly improve scores more than 150 points? How genuine are the scores if so many people are known to cheat on such poorly proctored exams? How can Educational Testing Services (ETS), which makes the SAT, be trusted to monitor its own performance when this, their most profitable test, accounts for much of their revenue?

The Scholastic Aptitude Test is not objective: it is not a valid or reliable standard. Great as it might be to have such a touchstone, this test is not it. As David Owen writes in his devastating book, *None of the Above*, "There is nothing genuinely objective about a test like the SAT: it is written, compiled, keyed, and interpreted by highly

subjective human beings. The principal difference between it and a test that can't be graded by a machine is that it leaves no room for more than one correct answer." ETS does not have a monopoly on knowledge, though we are measured by its researchers' judgements. Needless to say, many who think creatively or split hairs do not do well on such a test, though they do well in school.

The Carnegie Foundation for the Advancement of Teaching, which helped the College Board create ETS, has brought to public attention in a report soon to be published that most colleges need not require their students to take the SAT, because most colleges no longer admit selectively. If they are going to let everyone in anyway, why should they require their applicants to spend time and money on a test they don't need?

This means that Brown, and your school, as well as a few other colleges who do have competitive admissions, are the only ones who benefit from the program at all. If we get little use out of the SAT, why should we worry about jeopardizing its place in the testing

market? When the influential Carnegie Foundation's report convinces many colleges who don't need it to actually drop it, the cost of the test will climb, and we will more urgently ask "Why not us too?"

As students at Brown we are concerned about the SAT being used on our campus. Questions of bias, inaccuracy and practicality lead us to push for a reevaluation of the SAT on our campus. The time has arrived for we [sic], the undergraduates of "selective" colleges to question the entire testing industry in this country. Perhaps this is an issue which members of your campus would like to raise and question.

Thank you for your attention,
—Michael Spalter
Founder, Students Against Testing

Rampant Chauvinism?

To the Editors:

You probably will not print my letter because I will not sign my name, since, considering what you

do print, our student would be subject to the type of harassment that you are perpetuating.

It is known that college newspapers, as a rule, are a way to let off steam. However, *The California Tech*, as a newspaper is uncivilized. As one example of many: "_____ and _____ have about a month left. Everyone, I'm sure, wonders why they got together in the first place. Maybe it's because redheads are supposed to be really awesome lays. Don't take my word for it. Find out for yourself. Ask _____. Ask some Darbs. Ask anyone...." [Page Inside World, 20 February 1987]

My dear young lady victims! WHY DON'T YOU SUE *THE CALIFORNIA TECH* FOR SEXUAL HARASSMENT? Haven't you heard of women's lib? This kind of writing is degrading to womankind. With their political clout, gays and lesbians would not tolerate this kind of insult of their real/supposed conduct. Why should CALTECH heterosexual women tolerate it?

The content of much of *The California Tech* provides substantive evidence of what many people

consider Caltechers to be—an immature group, who, though brilliant in science and math, cannot function in a cultured society. Are your school administrators as immature as you? Maybe so, otherwise why would they condone some of what you print; which goes far beyond free speech and into the realm of slander, defamation, vilification, libel, etc.

Shock effect, four letter words and vulgarity, which many of the people who write for you resort to, is the "out" for stupid writers. Since you really are a bunch of smart kids, let's have a little bit of creative, clever, witty, clear, comic (or any combination thereof) writing.

—An extremely concerned mother
P.S. Shape up or I'll tell Gloria Steinem about you!

—We should like to discourage outraged parents and faculty members from reading the *Inside World*.

—Ed.

A Bit Out Of Touch

To the Editors:

OK, so maybe I'm a bit out of it. Will someone out there please answer me some questions?

1. Why did B&G trim all the evergreens west of Jorgensen?

2. What is going on with Senior pictures? Does the *Big T* want any? When?

3. Why is Hale's bust so positioned that only people nine feet tall and farsighted can really see it? Hale could have been placed at the south edge of the sidewalk, so he could still look towards Mt. Wilson, and also be admired by passing astronomy majors.

—Gabrielle Gordon
Now happily free of Tech housing
P.S. If Dabnicorp needs a loan, they may apply at Lloyd's Bank.

Hockey

from page 1

decided enough was enough. Martin Brouillette scored an unassisted goal with 2:39 left to break the shutout. Martin was rewarded with a huge cheer from the 300 spectators, most of whom were Caltech fans.

A few seconds later defenseman Jim Toth hammered a shot past the MIT goalie after passes from Martin and Dave Braun. MIT scored another goal after that but the second line struck again during its next shift. After passes from Tom Capellary and George Yates, Dave skated with the puck in the MIT zone for some ten seconds before firing a shot into the goal with a few seconds left in the game. The score then stood at 11-3 and that was the score when the game ended.

Thanks to Haj Sano for arranging the game, the people who arranged the events and housing for the MIT players, and everybody for showing up.

Caltech's regular season is now over. The Beavers finished 8-7-1 overall and 8-1-1 in Division II. Caltech will play USC at 10:00 am this Saturday and Cal State Northridge at 9:15 am on Sunday. On Tuesday the top two play-off teams will play for the Division II championship at 9:35 pm. All games will be at the Pickwick ice rink in Burbank. See a hockey player for tickets and more information.

READ THIS AD!

GNP SHOWCASE

HELLO AGAIN...

ARE YOU DIGITAL OR ANALOG?

INTERESTING QUESTION! THERE ARE LOTS AND LOTS OF OPINIONS ON WHETHER ANALOG SOUNDS BETTER OR WORSE THAN DIGITAL. AND SINCE BETTER IS MORE OF A SUBJECTIVE WORD IN TERMS OF PERSONAL ENJOYMENT, ONLY YOU CAN ANSWER THE DILEMMA: ARE YOU ANALOG OR DIGITAL?

ONE SUPPOSES THAT THE ONLY WAY TO ANSWER THIS QUESTION IS TO COMPARE IDENTICAL SOURCE MATERIAL ON BOTH FORMS OF PLAYBACK MEDIUMS. IF YOU HAVEN'T HAD THE OPPORTUNITY TO DO THIS, WE INVITE YOU TO DO SO. WE GENERALLY HAVE A FEW LIKE SAMPLES ON BOTH VINYL AND CD FOR COMPARISON. YOU MIGHT BE SURPRISED TO FIND THAT YOUR CONCLUSIONS ARE NOT WHAT YOU MIGHT EXPECT!

BELIEVE IT OR NOT, CD PLAYERS ACTUALLY DO NOT ALL SOUND ALIKE! ALTHOUGH THE INFORMATION IS READ OFF OF THE DISC IN ESSENTIALLY THE SAME MANNER, WHAT HAPPENS TO THE DIGITAL INFORMATION IN IT'S CONVERSION FROM DIGITAL INTO ANALOG MAKES MORE OF A DIFFERENCE THAN YOU MIGHT THINK; NOT TO MENTION THAT THE ANALOG STAGE OF EACH CD PLAYER IS AS DIFFERENT FROM EACH OTHER AS ANY OTHER COMPONENT SUCH AS DIFFERENT AMPLIFIERS, TUNERS ETC. MANY WHO HAVE TRIED TO HEAR DIFFERENCES HAVE NOT BEEN ABLE TO DO SO AND WE HAVE ENCOURAGED THEM TO BUY THE MOST INEXPENSIVE PLAYER THEY CAN FIND WITH THE FEATURES THEY WANT. HOWEVER, MOST PEOPLE GIVEN HALF A CHANCE AND WITH A SOMEWHAT OPEN MIND USUALLY CAN HEAR A DIFFERENCE BETWEEN MACHINES ALTHOUGH THE DIFFERENCE IS NOT ALWAYS AN APPRECIABLE ONE! AT ANY RATE, WE CARRY MODELS STARTING AT AS LITTLE AS \$209 AND COSTING AS MUCH AS \$2095 WITH AT LEAST 20 DIFFERENT MODELS IN BETWEEN! IF YOU CAN'T FIND A CD PLAYER JUST RIGHT FOR YOU IN OUR STORE, WHAT YOU WANT MAY NOT EXIST.

ON THE OTHER HAND, IF YOUR PREFERENCE IS ANALOG... (AND WE GENERALLY PREFER THIS FORMAT), WE ALSO CARRY SOME OF THE FINEST TURNTABLES AND PHONO CARTRIDGES AVAILABLE FOR ALL BUDGETS!

IN EITHER CASE, WE ENCOURAGE YOU TO FIND YOUR PREFERENCE WITH US. THERE ARE ALWAYS MODELS ON SALE AND OF COURSE DON'T FORGET YOUR CAL TECH EVERYDAY DISCOUNT ON ANY NON-SALE MERCHANDISE. WE DO, BY THE WAY, ALSO TAKE TRADE-IN'S FOR THOSE WHO NEED A WAY TO INEXPENSIVELY UPGRADE WITHOUT HAVING TO FIND SOMEONE TO BUY THEIR CURRENTLY OWNED PRODUCTS. AND IN CASE YOU DIDN'T KNOW, WE EVEN OFFER A GNP SHOWCASE CREDIT CARD (FOR THOSE WITH ESTABLISHED CREDIT) WHICH MAY BE USED AT ANY TIME FOR ANY PURCHASE OVER \$100.00!

UNTIL NEXT WEEK...
(OR THE NEXT TIME I GET AROUND TO WRITING AN AD!)

GNP HOURS: M-F 11-7 S/S 11-5

WHAT GOES ON

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

Studio Arts Classes

Today, April 3rd, is the last day to sign up for two studio arts courses that Caltech will be offering through Poly (Polytechnic School, for the long-minded). Painting and Drawing will be offered on Monday evenings from 7-10 pm beginning April 6. Sculpture and Ceramics will be offered on Tuesday evenings from 7-10 pm beginning April 14.

There is no charge for the courses. Student Affairs will subsidize both courses during this first, "experimental" term. They will be considered for 3-unit PA credit sometime this term.

Sign-up in the Registrar's Office by 5 pm today. First come, first served.

Disbursements

The Caltech Student Investment Fund has funds to disburse to student clubs for the 1986-87 academic year. The funds should be used for the purchase of equipment that will have a lifetime of several years. The funds cannot be used for travel expenses or for purposes of a transitory nature.

If your club has a need that fits the above requirement, please send a proposal to either Wesley Boudville, c/o The Caltech Y, or Alex Becker, c/o Page House.

The proposals should be received by 30 April.

Big Bridge Tournament Moves

O.K., the 3rd Annual Bridge Tournament is now scheduled to start 1:00 pm, Sunday, April 12th (not the 5th as originally announced). Bring yourself, a partner or a team-of-four. We will match up people if you can't. Prizes! Fun! Bridge! Questions? Call Jeffrey (x4544, 793-0814).

New Student Garage

Well... No, not yet. It's still an old run-down shed in the Holliston Parking Lot, but we're going to make it into a clean, well-equipped auto shop for use by the Caltech community. Who is "we"? Well, "we" is you. If you are interested in using the shop you'll want to help organize it because it won't be there for you without your help. There are other benefits of joining the auto shop as well. You can learn management skills, learn more about fixing cars, or just make friends with other auto enthusiasts on campus. We'll be meeting to get to know each other and see where we stand next Wednesday at noon in the Y Lounge. The Y is located on the second floor of Winnett Student Center. This meeting is important because we won't be meeting that often. If you can't make it or want more information, contact Ralph Wolf at x6830 or David Stevens at x3771.

Melee The Day Away

The Caltech Medieval/Renaissance Society is holding fighting practice and armoring workshops again. If you would like to learn the techniques of Medieval-style armored combat and armor-making, we meet Sundays at 1 pm outside Winnett Student Center. (Just listen for the clank of armor and the thump of weapons...)

Medieval/Renaissance Society

This Sunday (April 5) at 3 pm, the Caltech Medieval/Renaissance Society is holding an open meeting, Renaissance Dance workshop, and potluck dinner. Meet in the Y Lounge, Winnett Student Center.

Civil Liberty On Trial

On Jan. 29, 1987, eight Palestinians and a Kenyan woman were arrested by the INS and FBI. Some were threatened with deportation under the McCarron-Walter Act of 1952 which prohibits the publication and dissemination of communist literature. One of the defendants and Brina Hudson, a lawyer for the case and chairperson for the Committee for Justice, will discuss the treatment they have received from the INS and FBI, how this case impacted their lives, and its implications for the lives of all residents of the U.S. The event will be held at 8:00 pm on Wednesday, April 15, 1987 in Room 24, Beckman Labs. Call (818) 792-2659 for info. Sponsored by STRIVE and the Middle East Studies Group.

Graduate Summer Position

A summer position for a graduate student in ME of ChE is available with PAI Corporation in Oak Ridge, Tennessee. The job has to do with analytical and modeling research on liquid/vapor separation using porous materials and jet pumps. Salary is \$2000/mo. for 3 months. Foreign students are eligible. Application deadline: May 1, 1987. For more details, come by the Career Development Center, Room 8, Parsons-Gates. Job is filed in Technical Summer notebooks.

French Film Series

Every Thursday at 8 pm in Baxter Lecture Hall, there will be videotapes of French films in the original versions (with subtitles) shown on a large screen. Open to the public, free admission, sponsored by the Francophile Club. For information, call Agnes Allard, x4158.

Indoor Soccer

Anyone interested in playing indoor soccer on Saturday nights contact Konstantin (x3976). We need to know if there is enough interest to have a team, so call NOW if you're interested.

Women's Water Polo

Will there be a team this year? Contact me, Randy Brown, at 578-9562, Fleming Room 48, if you're interested. Leave a message with my personal secretary, Jim Burleigh, if I'm not in.

Prager on Helsinki Accords

Dennis Prager, KABC Radio commentator, was appointed a U.S. delegate to the Helsinki review conference presently going on in Vienna. The purpose of the review conference is to assess the effectiveness of the Helsinki Accords and to draft new proposals for economic cooperation, information exchange, and human rights agreements between the Eastern Bloc and the West.

In his presentation, Mr. Prager will speak about the effects that the Helsinki Accords have had on cooperation and rights. The talk will be on Thursday, April 9 at 8:00 pm in 24 Beckman Labs. It is free and open to the public. Sponsored by the Caltech Y Distinguished Speakers Fund and by Hillel Extension.

Fabulous Prizes!

The Children's Center at Caltech is having its 7th Annual Spring Fundraiser drawing on Friday, May 8 from 5 to 7 pm in Winnett Student Center. Tickets are on sale now each day at noon outside of the Bookstore, or by calling 356-6860. Drawing tickets are \$2.50 each.

Chess Club Meets To-Knight!

That's right. The Caltech Chess Club is starting up again, and we're starting up this Friday night! We'll be meeting at 7:30 pm in 27 Gates. Bring your chess equipment (chess boards, sets, clocks) if you have any. It'll be an historic meeting. I'll see you there.

Attention Fishermen

Beginners fly casting lessons may be starting third term. This would be a beginners class open to all students, faculty and staff. A limited number of rods and reels will be available. Basic fly casting techniques will be stressed. Those of you interested, please contact Tom Perry on campus, x4705.

Watch This TV Show!

Saturday, April 4th at 8 pm on Channel 5 is a program called *Future Flight*. The program is on past and future space flights, and used at least one former Teacher as a consultant on theoretical missions. Hosted by Christopher Reeve, the show includes Neil Armstrong, John Glenn and Jeana Yeager.

A New Experience

Grand opening ceremonies for the new Jerome D. Banks Memorial Library shall be held at 7:30 pm on April 3, 1987 at its present location, Room 1, Dabney House. The J.D.B. Memorial Library heralds as a landmark in modern scholasticism, and promises to be a library like none seen before.

The IRS Game

Dr. Louis Wilde (professor of economics) will discuss federal tax compliance—how honestly Americans report their taxes. Using game theory to model the interaction between the IRS and the taxpayer, Dr. Wilde has arrived at some surprising results. Among them are that increased taxes actually increase compliance. Dr. Wilde has also found that the U.S. lost approximately 75 billion dollars in '85 alone due to reductions in the audit rate since 1977. Bring your lunch to this event Wednesday, April 8, at noon in Winnett Lounge.

Passover Seder

Hillel is pleased to announce that this year's Passover Seder, with catered meal service, will be held April 14 at 6:30 pm in Chandler Dining Hall.

Everyone is invited to attend this occasion; guests and visitors are welcome. This year's prices are \$18.00 for Caltech community, faculty and staff, \$10.00 for students, and \$8.00 for children under 12.

Please RSVP to the Caltech Y Office by April 9, or send a check to: Hillel Extension—Seder, 900 Hillgard, Los Angeles, CA 90024.

Trumpet Recital

Caltech sophomore Richard Till will be giving a trumpet recital at 2:00 pm on Saturday, April 11 in Dabney Lounge. The concert will include selections from baroque through modern repertoire and will be followed by a reception with refreshments. Admission is open to the public and admission is free.

Beckman Internship Deadline

The deadline for receipt of Beckman Internship proposals is Friday, April 10, in the Deans' Office. Once again, the Internship will be available for the summer of 1987. The internship, supported by friends of Dr. Beckman, will pay a stipend of \$2,000. It allows a selected intern to spend the summer working in the office of a politician and to see from the inside the process of government. The Intern is expected to make arrangements with the appropriate political persons. It is open to any Teacher who intends to be a Caltech undergraduate next year. If interested, submit a brief proposal describing where and how you would use the stipend, to the Deans' Office, 1023 Parsons-Gates, by Friday, April 10.

Japan Job Deadline

Students interested in a summer job working for a Caltech alum in a Japanese factory should submit a brief proposal outlining their "qualifications" by Friday, April 10. Students would be doing basic factory work. Travel, room and salary are provided.


If you have questions, contact Mark Carlin or Ken Cheney—the students who went last year—or Jeanne Noda in the Deans' Office.

Gay/Lesbian Discussion Group

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

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