

# Ditch Day

Ditch Day this year was not on Thursday! On Monday, the seniors surprised everyone by going to the beach. However, if you missed it, you will have to wait until next year for Ditch Day to again be tomorrow.

Seniors, each using their own combination of ingenuity and creativity, set up stacks, designed to test the rest of the student body. Unknown, until eight o'clock in the morning of the day itself, Ditch Day keeps students on their toes waiting for it.

As all classes are cancelled on Ditch Day, students have from eight o'clock until five o'clock to work on the stacks. Students attempt to solve puzzles, chase down clues, and complete miscellaneous tasks, in an effort to break into the senior's rooms. The stack consist of any of three basic styles: the honor stack, the finesse stack, and the brute force stack.

The honor stack deals essentially with binding the participants to follow the rules as described in the stack, by adhering to the honor code. In the honor stack, there generally are easier ways of gaining entry into the senior's room, but they should not be used.

The finesse stack specifically involves the participants, forcing them to use their minds, knowledge and specialized skills in an attempt to complete or solve a puzzle.

The brute force stack is exactly what it sounds like. All means and methods used to break into senior rooms are valid and are generally used. Stacks often involve a combination of any or all of the three basic styles.

After completion of a task, the group of students who worked on that particular stack are allowed to enter the senior's room. Inside, left by the senior, are bribes. These bribes generally consist of mass amounts of food, drinks, and/or sweets intended for those who

found the solution. However, if the people who worked on the stack found the bribe to be inadequate, the underclassmen have the option to counterstack the senior's room. In this case the seniors are obliged to follow the same rules and guidelines which are set on their stacks to re-enter their rooms.

Again this year, Caltech's Senior Ditch Day attracted a great number of alumni, who came to see both the stacks left behind by the seniors and the methods the underclassmen used to deal with these stacks.

The media also visited Caltech in great numbers. Many stacks awarded points for getting on the news. Ditch Day is a major source of publicity for the Caltech student body.



An elaborate surfing machine was built in Millikan Pond for Ted Roger's stack.



A reconstruction of Cliff Kiser's hometown of Joliet, Illinois before Ditch Day.



The same scene after the town had been reduced to rubble in search of army men.

## Tutu Speaks on Apartheid

by Ali Mortazavi

While recovering from Ditch Day, the Caltech community was treated to a visit by the Most Reverend Desmond Tutu last Tuesday. A crowd of about two thousand, the greatest gathering of souls on campus for a single event in several years, listened approvingly to the Archbishop's passionate and humorous twenty-five minute talk on Apartheid and individual involvement.

Following a brief introduction by President Everhart, Tutu took over the podium installed in front of Winnett and greeted the crowd. His speech proved to be as colorful as his Southern African accent. While discussing the evils of Apartheid in his native land, he preached a continuation of the current policies (including American and European economic sanctions) that seem to be leading to some form of reconciliation between the South African government and the Black majority.

He furthermore praised those activists in the United States that had helped bring about the economic sanctions and disinvestments that are forcing the White minority to reconsider and reform their racist policies. He urged students to stay active and to make a difference in this world.

He also asserted that right and justice would ultimately prevail, even if we sometimes wished that God would make it a little obvious (don't forget that he is an Anglican Bishop). . . . Although he did make a few jokes about his compatriots and himself throughout the speech, he consistently spoke with a conviction and emotion seldom seen nowadays in the political arena.

The Caltech talk concluded a

two week journey around Southern California for the world-famous 1984 Peace Nobel Prize winner. Tutu left for a stay in Ohio, where he will continue his fundraising efforts for a disadvantaged African scholarship fund. Incidentally, the Caltech Y contributed \$5000 toward this fund. The Archbishop's visit did prove to be one of the more exciting moments of the year for our community.



President Everhart introduced Archbishop Desmond Tutu to a large crowd at Winnett center. Tutu gave an inspiring 25 minute talk about Apartheid.

## CRIME AND INCIDENT BEAT

**CRIME TIP:** Those bicycle thieves are still on the prowl, but they don't like Kryptonite-type locks. Invest a little money in a good security device that will protect a big investment. YOU COULD BE NEXT.

- 5/2 A Yamaha motorcycle belonging to a faculty member was stolen from the north entrance of Church Lab on 5/1. The next day it was recovered in Altadena.
  - 5/17 At 8:20 p.m., a witness observed a man drive a vehicle, a 1973 Plymouth, into a Spalding parking space, over the curb and onto the grass. The driver ran over two sprinklers and a lamp post, but stopped when the car impacted a tree. Several persons assisted the errant driver in removing his vehicle. In doing so the driver managed to hit the door of an adjacently parked vehicle. In explanation, the driver stated that he lost control of the vehicle while attempting to park it.
  - 5/17 A student parked and locked his bike at Catalina II, but the next morning found that the lock had been cut and the bike had been stolen.
  - 5/18 At midnight a student observed a man walking half-naked between Downs and Karman. The suspect had no clothes from his waist to his ankles but made no gestures and did not appear to notice anyone else.
  - 5/18 A thief had tried to steal a bike parked near Keck House. There were bolt cutter marks on the cable, but the criminal-to-be failed to cut through.
  - 5/18 A bicycle locked between Ruddock and Lloyd Houses was reported stolen. The bike had been secured with a cable, but it was apparently cut.
  - 5/21 A Central Plant worker reported seeing a transient near the baseball field. All officers responded and they found a man there drinking. They advised him of standard institute policy regarding people who drink (?!), and he left.
  - 5/23 A student locked her bike on the Fleming House's foyer of that house on 5/15, but upon returning found that the bike had been stolen.
  - 5/23 The radio from a car parked in the West Wilson parking lot was stolen in the afternoon. The Pasadena Police arrived and conducted an investigation.
- Total dollar value stolen this week: \$970.

# Letters

## No MOSH

To the Editors:

This is in response to Mark Nelson's letter in the last edition of *The California Tech*. Certainly, Louis Wilde has acted irrational for his whole tenure as MOSH, but his vulgarity and physical threats to Mr. Nelson are beyond acceptability. This kind of behaviour should be unacceptable by anyone at Caltech, but it is appalling in someone in a position of authority. I think all members of the Caltech community need to question whether Louis Wilde is fit to be MOSH. However, because of Louis Wilde's inability to work towards a common good, the usual good relations between students and administration have been destroyed. This will make it very hard to find someone willing to act as MOSH. I would like to suggest that no MOSH is better than Louis Wilde. We lived half a year with no MOSH and before that Dr. Bob Oliver took a much less active role. Yet things ran more smoothly than they have under Louis Wilde. If the administration wants to improve relations with students, this is an option that deserves to be explored.

—Gregg Harry  
Dabney House

## Children in Pool

To the Editors:

I wish to bring to the attention of the Caltech community the issue of use of the Caltech pools by children. The current rules allow children to use the pool only on weekends during the academic year. Although I understand that the presence of children at the pool might be inconvenient for adult swimmers, I consider that not allowing children to use the pool at all during weekdays is too restrictive. A compromise could be reached so that children have the opportunity to use the pool during weekdays without interfering substantially with other pool activities. Since there are certain times of the day when the pools are nearly empty, a schedule could be worked out so that children are allowed to use the pool at these times. Rules (such as requiring an adult to be present with the child) should be implemented to ensure a calm environment. These rule changes

would benefit all children, who will be able to improve their swimming skills all year round. For some kids swimming is a very important and rewarding activity; it can be as serious for them as it is for adults. The staff of the Athletic Department has been receptive to my request concerning this issue and agreed to test new rules during the month of June, before the summer program begins. The new rules will be posted at locker rooms, etc. Anybody concerned or interested should contact Clint Dodd at the pool office.

—Jorge A. Kittl  
grad student

## Quality of Life

Letter to the Editor,  
re: Quality of Life Survey

Remember those surveys about the quality of life? What happened to them? So far, we have seen only a small portion released. Wait a minute! Could that mean that the rest has reports of dissatisfaction and problems, things that the Administration wants to hush up? Yes, we suspect that Everhart and his administration have, in their usual manner, put cotton in their ears and shrugged, "Problem, what problem?"

Well, there have been token concessions to problems. One campus mailing promulgated facts about sexual harassment. O happy day, the flyer contained downright obvious facts, combined with a list of people to contact. Policy? Well, aside from the standard refusal to tolerate sexual harassment at Caltech, it was essentially a toothless mailing.

Another mailing, from the President himself, was distributed campus-wide in response to complaints by the Caltech Environmental Task Force (CETF) that Caltech could do a lot more, with little effort, to help our abused land. At least this one was printed on white recyclable paper, but that was all it was good for. All Everhart could do was praise water-saving shower heads in student housing and a couple of other ancient efforts. This in the midst of a large, new lawn for the Beckman Institute. Of course, his response to new suggestions, such as maximum recycling of paper and less wasteful lawn sprinkling, is that they will receive his most careful consider-

ation. Another flyer for the recycling bin.

The quality of life survey business leaves us wondering whether there may be even more problems worthy of a flyer or two, or perhaps, even some real answers. If you're with us in this curiosity, join us in signing a petition to have the ENTIRE results of the survey made public to the Caltech community. (Jim signed at the Y, Linda at the Coffeehouse) Furthermore, let us, before and after the survey results are released, give maximum press and visibility to these problems so that we can get more than token mailings and empty promises.

James Gerdy Linda Maepa  
grad student/Ch ugrad /Ge

## Release Results

Dr. Everhart:

We the undersigned members of the Caltech community believe that the results from the Institute Quality of Life Survey should be distributed within the community. Your memo of April 13 indicates the desirability of obtaining more information from the survey. We ask that the analysis of the survey be completed and released in a timely fashion.

—591 signatures;  
52 faculty, 134 staff, 224 grads,  
171 undergrads

## Everhart's Response

Response to Petition:

In my memo of April 3, 1990, to the Caltech Community, I asked the Administrative Affirmative Action Committee to evaluate all four questionnaires, in order to eliminate ambiguous questions, and to advise me on how best to utilize the unambiguous information. I understand that the committee is hard at work on that assignment, and I look forward to receiving their advice.

Like those who have signed the petition, I believe that unambiguous results should be communicated to the Caltech community. Depending upon the advice I receive and the availability of a qualified person to analyze the data, I expect this information to be released by next fall.

—Thomas E. Everhart

of Mr. Tutu, but rather to suggest that there may be another way of looking at the situation.

First, Mr. Tutu's remarks made in Israel urging the Jewish people to "pray for" the Nazis. I don't doubt that these remarks may have offended many Jewish people throughout the world. But were they anti-Semitic - or, for that matter, even inappropriate?

The belief in the need for absolute forgiveness, to "love your enemies", and to "pray for them which despitefully use you, and persecute you", is a fundamental tenet of not only Christianity, but many religions throughout the world, both in the West and in the East. Anyone who has studied the writings of Mohandis Ghandi can, I think, easily imagine that he might have expressed similar feelings were he here today to address the Jewish community. This is not to suggest that the Jewish people are wrong if they feel unable or unwilling to pray for the Nazis; there is no absolute right or wrong on this kind of moral issue, there are only beliefs and faiths, however strongly they may be felt. Given these considerations, can it really be considered "inappropriate" or "inflammatory" for an Archbishop to give voice to one of the basic tenets of Christianity? Granted, he was addressing a Jewish audience, but the invitation to address Yad Vashem should have implied the freedom for Mr. Tutu to express his own views, even if those views might offend some members of the audience. One wonders what views those who extended the invitation to Desmond Tutu were expecting an Archbishop to present?

The second point concerns the statement by David Max that "Tutu implied once... that the Jewish people should be expected to behave better than others simply because they have suffered so much". I do not know what the exact words were that Mr. Tutu used in the conversation to which Mr. Max is referring - but one should consider what connotation is given to the word "expect".

If by "expect" Mr. Tutu meant "require", in the way that every driver, for instance, is "expected" to obey the traffic laws, then Mr. Max's interpretation of this comment is appropriate, for the comment would be implying an unfair "double standard" for the Jews, and would be a form of anti-Semitism. However, the word "expect" has another connotation, as used, for instance, in stating that we might "expect" a certain outcome from a scientific experiment - that is, we don't require that outcome, but we expect it in the sense that we would be surprised if the outcome were otherwise. In this sense, I think the statement by Mr. Tutu would be reasonable, and in no wise anti-Semitic. If I had been raised in dire poverty all through my childhood, and were now a wealthy individu-

al, one might expect that I would have greater sympathy for poor people than some others, in that I could presumably relate more easily to those in poverty and better understand their needs and feelings. Furthermore, a statement expressing this expectation would not have to imply that I should have more sympathy for the poor than do other people, or that I should be required to give more support to charities, or that any kind of double standard should be applied to me simply because I was once poor myself. It might simply be a statement - and a perfectly valid one - that it would be surprising if someone in my situation weren't especially sympathetic to the poor.

I don't think it's unreasonable to at least consider the possibility that this was the point that Mr. Tutu's comments were intended to express.

Through much of his activities in South Africa and his work throughout the world, Desmond Tutu has demonstrated so much love and compassion for humanity - not just black South Africans, but all peoples. I certainly don't advocate protecting false images, but at the same time, it is not just to acc-

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## Misinterpretation of Tutu

To the Editors:

I was concerned with David Max's interpretations (*The Tech*: May 18, 1990) of the quotations attributed to Archbishop Desmond Tutu, and would like to address two of those quotations; not so as to "correct" David Max, since I don't profess to hold any greater insight than he has into the thoughts

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## Tutu and Jews

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cuse someone of being inconsistent in their ethics and actions based on a particular interpretation of their words, if an alternative and equally reasonable interpretation of those words indicates consistency. Our entire legal system is based on every individual being considered innocent unless proven otherwise beyond reasonable doubt; I feel, as I'm sure Mr. Max does also, that Desmond Tutu deserves this same consideration.

-David Carico

## Security Racist

To the Editors,

I was walking towards Guggenheim this afternoon when out of the corner of my eye I noticed a security guard accosting Jack Prater. Without even thinking, I turned around and walked over there to see what was going on. I heard the security guard ask for Jack's ID. Then the security guard noticed me. He said, "Do you know this guy?"

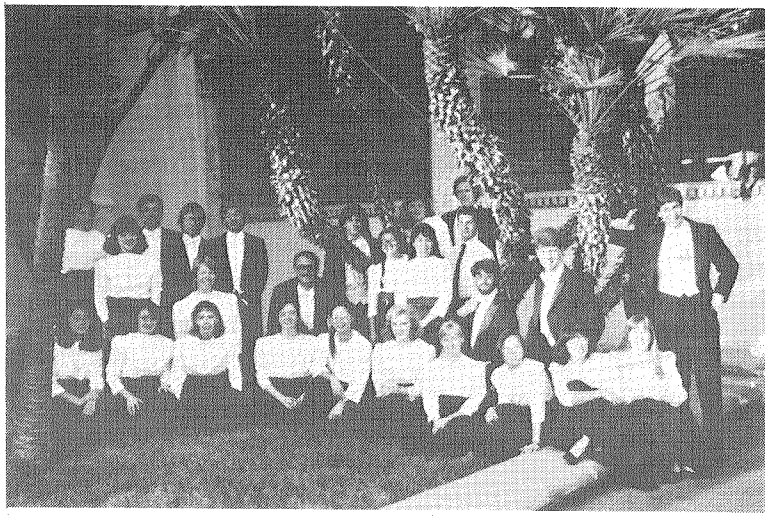
Unfortunately, all I could do was stare blankly at him and say "yes." I was so suprised that I couldn't think. There were tons of people streaming past this man, and he stopped Jack. I only wish I could have said something more clever, so that the security guard would have understood just how offended I was.

Fortunately, Chris Brennan was also streaming by at that moment, sent Jack off on his way, and started questioning the security guard. I assume that he appropriately chewed the man out.

I can't express my revulsion at this incident strongly enough, especially if my language must be printable. Even the cynical side of me believes that security must have stopped Jack enough by now that they would all recognize him. And if I, the innocent bystander, was this upset, I can't imagine how Jack must feel.

As I left, I kept wishing I had pointed out that security had no way of knowing I was a student. But I suppose that white females just don't fit the suspicious person profile. Since I don't carry a purse around campus, I never have a Caltech ID with me. I think that it is a shame that not all students have the same luxury. Sincerely,

-Elaine Lindelf  
Dabney House



Combined Glee Clubs pose in a formal dress.

## Caltech Spring Concert

By Lindee Goh

Spring has arrived and with it comes the annual Caltech Spring Concert. Mens' and womens' Glee Clubs will be performing on Saturday evening, June 2, in Beckman Auditorium. The performance will feature both Glee Clubs as well as the men's Barbershop quartet and the women's ensemble, Clef Hangers.

The program begins with Montiverdi's "Quel Augellin Che Canta" and the complex harmonies of the Norman dello Joio piece "Tears" sung by the combined Glee clubs. The men's Glee club follows with selections ranging from Brahms' Requiem to Gounod's "Soldier's Chorus" from the opera "Faust". The Women's Glee club will sing a series of renaissance madrigals a capella, two selections from Brahms, and another expressive Dello Joio piece, the vibrant "A Jubilant Song". After intermis-

sion, the men will again take the stage, singing a variety of traditional folk songs. The women will follow with several spirituals. The Barbershop quartet will take you to "Carolina in the Morning" among other songs, and the Clef Hangers will then be "Puttin' on the Ritz". The Glee clubs will be joined in their final medley of Andrew Lloyd Webber's hits by a group of Caltech dancers - Anna George, Amanda Heaton, Samantha Seaward, Joe Andriu, Clif Kiser and Joe Beckenbach. The moving "Salvation Belongeth to our God" and the traditional singing of the Caltech Alma Mater will end this year's musically diverse program.

General admission to Spring Concert is \$7; students, \$5; Caltech students \$3 if purchased from a member of the Glee Clubs before May 31. There will also be a reception (free food) after the concert.



Our new nutritionist, Denise Schaefer.

## Nutritionist To Examine B.C. Meals

by Joseph Chiu

How's the food? Just about all Techers agree that the board program provided by B.C. leaves much to be desired (or to be left out). To address the needs of the school, Caltech has hired Mrs. Denise Schaefer, R. D., M.P.H. to assess and recommend changes to the undergraduates' menu. A practicing nutritionist, Mrs. Schaefer has consulted at numerous work sites. In the past, she has worked professionally with Dr. Miller of the Caltech Health Center. At this time, she attends the food committee meetings, interviews students, and works with Gary to provide a final recommendation on changes for the next year.

According to her informal surveys of students, "there is some unhappiness" with the food service here. The primary concern of the students is the availability of alternative choices at the dinner table. Mrs. Schaefer pointed out that she plans to recommend a system where two entrees would be provided, one of them to be 'healthier' than the other. In other words, attempts will be made to avoid dinners with two "fat entrees".

Some of the options under consideration includes providing skinless-boneless chicken for lunch to augment the now-provided hamburgers and grilled cheese sandwich, various alternatives to the current vegetarian selections, and (maybe) dishes using tofu and beans. Foods with more carbohydrates and starches may also be brought in. Mrs. Schaefer made it clear that her intent was to cut the

overall intake of oils. She stresses that the meals are not to be low fat all the time.

When asked about the operation of the food service, Mrs. Schaefer stated that Gary has been cooperative and willing to bring about changes. She believes that by having a formal system that airs concerns, Gary is less reluctant to address complaints. She also pointed

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## BOC Chairman Statements

Michael Nassir

During the past term, I have served as secretary of the Board of Control, and during the last year, I was the BOC representative from my house. This experience has caused me to think at length about the Honor System and its application to many aspects of our lives at Caltech. The Honor System applies to everyone, and everyone shares in its benefits as well as its responsibilities. We must count on everyone to make mature, intelligent decisions about their actions for it to succeed. This is the most important part of building an environment of trust and support in the community.

I sincerely believe that the Honor System, to the best that we can implement it, was created to benefit those who study, work and live at Caltech. As Chairman of the Board of Control, I intend to do my best to uphold the spirit of the Honor System with integrity and fairness.

Serving as ASCIT Vice President and taking part in decisions that affect many students and student organizations is also a position of some importance. I am concerned with student welfare and the effective and fair allocation of student body funds. I would also like to see ASCIT doing and supporting things that make our time at Caltech more enriching and fun. ASCIT should be here to make student life healthier, not be a headache. I am willing to accept the responsibility of being Vice President to make careful decisions and to work to continue improving our college.

Alecia Chen

Hi, my name is Alicia Chen and I am running for the position of BOC Chairman/ASCIT Vice President.

The BOC Chairman serves two purposes. The first is to see that the Honor System is upheld. Without the Honor System, we would not be able to have take-home exams, access to most of the buildings on campus, and most importantly, trust between students. These are just some of the attributes of the Honor System. Yet there are also flaws, such as the fact that we can be BOC'ed for removing (or "stealing") a 3c box of Frosted Flakes from the cafeteria, even though we may have missed lunch because of a class, meeting, or simply oversleeping. This is a box of cereal that we have paid \$4-5 for. Yet, it seems nothing can be or is being done about Mr. Hindoyan and his poor food service. As BOC Chairman, I would see to it that the good aspects of the Honor System are retained and the problems and flaws are remedied.

The second purpose of the BOC Chairman is to serve as ASCIT Vice President. As the vice president has a vote on the ASCIT BOD, it is important that the person who fills the position of BOC Chairman/ASCIT Vice President be interested not only in Board of Control activities, but also in ASCIT activities. I have been present at several ASCIT meetings and am reasonably aware of the on-goings of ASCIT.

I am qualified to fill the position of BOC Chairman/ASCIT Vice President and would truly welcome the opportunity to do so. I would be open to opinions and suggestions regarding both the Board of Control and ASCIT.

So, if you VOTE today, please VOTE for ALECIA CHEN for BOC Chairman/ASCIT Vice President.

Thanks!

## Food Costs

by Emily Wen

On Tuesday, May 22nd, Jim Minges, Director of Business Services, and Jeanne Noda from the Student Affairs office, held a discussion with students explaining the food situation. Since the decision to hold the meeting was only announced on Sunday, not a lot of students knew about it, and the attendance was low.

The purpose of the talk, besides presenting the administration's point of view, was to get some direct student input on the food issue, especially on the contract and how to make the food better.

The main reason for the food price hike, as observed by Jim

Minges, was the rising of the minimum wage from \$3.25 to \$4.25 next April, and food inflation. According to Jim, Gary's labor cost only accounted for 45% of Gary's total cost, as compared to 50% for other food services. Also, the contract calls for USDA choice grade on most meat, which increases the cost by some degree. Besides, food service for very small number of

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# Ditch Day

By Roy Lee

Ditch Day in Lloyd House consisted of six senior stacks: a futuristic stack by Steve Ludtke, Dave Townsend, and Adam Weissman; a Roses, Biology, and Baseball thematic stack by Rob Grothe (with help from Boofer), "Andre and Arthur's Big Adventure" by Andre Ohanissian, Craig Sosin and Rick Berge's "Beckman Conspiracy" stack, "The Movie Stack" by Sean Johnston, and last but not least "Just Do It" by Pei-hsiu Suen, Richard Yeh, Ben Funk, Brendon Lasell, Dave LaFollette, and Tarik Isani.

Perhaps the stack that provided the biggest challenge is the futuristic stack worked on by the trio of Ludtke, Townsend, and Weissman, which provided underclassmen with a hideous plot: a quartet of mad scientists (Ludtke, Townsend, Weissman, and Derek Zephyr, a fictional character) have built a computer whose purpose was to take over the world. The only way that it could be stopped was by placing the four hidden control rings into a mysterious black box decorated with Elvish writing, which would give access to the computer, and consequently the bribe (since that was the final quest of this stack).

Although the entire stack was over twelve weeks in planning, testing, and building, a few minor problems which cropped up during ditch day proved to present further difficulties in breaking into the stack. One problem which made the efforts of the senior trio in vain was a power surge which caused the malfunction of a controller box, which was the sole link between the computer and its external world.

This occurred approximately fifteen minutes after Ditch Day had officially begun, and as a result, the computer became unable to function as it was originally intended, and did nothing else than accept and identify I.D. cards, which



Andre Ohanissian's moped was tied to the wall of Firestone as a counterstack.

## Lloyd

were handed out with the stack. Attempts to change the program were made by those working on the stack, but little progress was made.

One of the four rings was hidden in the room of Dave Townsend, in which access was obtained only by finding one of two hidden red I.D. cards. The door of Townsend's room contained a slot for accepting such cards, and would identify anyone's card with their name, address and telephone number, and their photograph from the appropriate frosh mug book. Eventually, one of the special identification cards was found and inserted, and access was gained to the room, and consequently one of the rings found.

Another of the rings was hid-

den in a large, black, pyramidal structure which was constructed by Adam Weissman in the Lloyd House library. Those working on Weissman's pyramid started at the top and eventually worked their way down, where the ring was hidden. Involved were many difficult and ingenious puzzles and clues, culminating in the retrieval of four keys located at points on a large triangle covering the Pasadena area. When these were inserted into the final level and the last switches were thrown correctly, an explosion signified access to the final key had been gained.

One of two honor stacks in Lloyd, Rob Grothe's stack consisted of envelopes full of clues taped to the wall and a set of eight combination locks which were hopelessly entangled together. The purpose of the stack was to find the correct combinations to the eight locks. Much of the information needed for this task was supplied by decoding certain DNA sequences that were supplied with the stack while the rest of the necessary combinations were found in the clues that were found in the envelopes.

Grothe, a baseball fan, formulated many of his clues so that a knowledge of baseball was required in order to solve the puzzles. Certain tasks were also required of those involved in the stack, such as delivering a rose to Patti Pratt and going to the Rose City Diner. This stack was broken into just before the 5:00 deadline.

The only Lloyd stack to be counter-stacked, "Andre and Arthur's Big Adventure" involved two parts: "Crime and Punishment" and "War and Peace." The first part, "Crime and Punishment," involved stealing a Holliston street sign and a peizio-electric barbecue starter from Builder's Emporium, putting a golf cart in Tom Apostol's parking spot, and various other illegal activities. To punish those breaking the law, all those involved had to sit with their backs against the wall for as long as possible, to stick

their fingers in boiling water, to drink three beers as fast as possible, and finally to shock each other with the barbecue starters.

"War and Peace" involved constructing tennis ball cannons from soup cans, the barbecue starters, and gasoline. Unfortunately for Andre, the cannons did not work very well, and so the stack ended at that point. In order to vent their disappointment at the failure of the cannons, some who took part in this stack took Andre's motor bike (which was the bribe), and fixed it to the outside of Firestone with rope and Kryptonite locks.

In the plot of "Beckman Conspiracy", mind-controlling chemicals were being developed at Caltech for the United States government for military applications. Those working on the "Beckman Conspiracy" stack were told that they must intercept the shipment of the aforementioned chemical DL12 in order to publicize the covert operation. However, what was kept secret was that in reality, Sosin and Berge were planning to use DL12 for their own purposes.

After locating the shipment, the first task was to open the shipment by locating ten keys, which were scattered all over campus. In the search for these keys, underclassmen working on the stack came across authentic-looking documents and the lab where the chemicals were being developed which substantiated the claims of the two seniors that a conspiracy actually existed.

With the crate open, the next step was to neutralize DL12 by inserting the cylinder in which it was being shipped into an apparatus which would drain the chemical into a neutralizing vial. However, when this was accomplished, it was revealed that such an action had actually activated DL12, and that the first victims of the chemical were to be those working on the stack.

At this time, they received a phone call from one of the mysterious characters in the stack's video clues which led them to the location of the door combination in an off-campus apartment, and also to the whereabouts of the neutralizing chemical. As time was running out, a search was immediately started for the combination and the chemical, and in a matter of a few minutes, the search was completed. Shortly after five o'clock, the chemical was neutralized, and the stack was broken into.

Sean Johnston's "The Movie Stack" featured a full-length movie

of forty sizzling minutes, which starred Sean Johnston as Captain Hardluck. The movie, which consisted of the adventures of Captain Hardluck, contained many hints as to where clues may have been found. After watching the movie, the underclassmen began their search for clues, which were in the form of puzzle pieces. These puzzle pieces were not ordinary puzzle pieces but rather had a curious twist to them: all of them were plain white.

In order to break into the stack, two keys were required, one of which was already found. At 4:00, a timed clue was given: "UV light can be illuminating." The puzzle pieces that were found were promptly taken to a lab and exposed to UV light. Slowly but surely, an address appeared on the puzzle.

The underclassmen located the address and found the establishment on the puzzle was Canterbury Records. However, no one was able to determine why Canterbury Records was involved in "The Movie Stack" until 4:30, when another clue was given: Mannheim Steamroller. With this final clue in hand, the underclassmen proceeded to Canterbury Records and found the second key attached to the divider labeled "Mannheim Steamroller."

The second honor stack, titled "Just Do It," consisted of thirty tasks, each of which had certain potential point values. Completion of enough tasks so that the total point value exceeded 280 was required in order to break into the stack. Some of the more outrageous tasks included acting like a dog in the Pasadena Plaza, handing out safe sex literature in public, and tying someone upside down to a tree with duck tape, the last of which was recorded by a Channel 7 News television camera.

This stack may have been the easiest of all Lloyd House stacks, for by 2:30 enough points were earned to enter the room containing the bribe. Thoughts of counterstacking the room were discussed, but a general consensus to accept the bribe and leave the room alone was reached.

By 5:30, all the stacks had been broken into, and most of the seniors had returned. Stories were shared, and refreshments from the bribes consumed. Another Ditch Day had come and gone, and had given inspiration for future stack yet to come.



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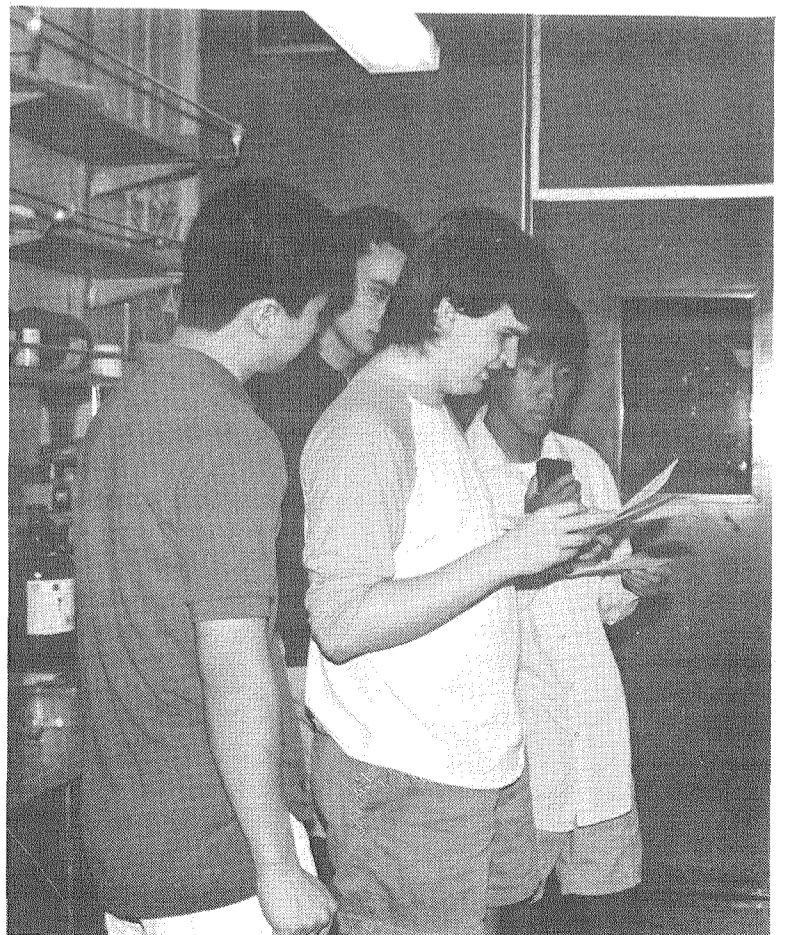
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**SPEAKERS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	GNP	SM 5	5" 2WAY	229	139 D
1	GNP	MODEL 1	PROTOTYPES 10" (MDF BLACK)	450	199 D
1	GNP	SM-P1	SOUND MIRRORS	400	199 U
1	GNP	SUB-1(ea.)	10" SUBWOOFER (OAK STAIN)	369	199 ND
1	ENERGY	ESM 3	2 WAY BOOKSHELF	350	209 D
1	GNP	MODEL 28	8" PROTOTYPE (UNF WALNUT)	650	219 D
1	GNP	SM-62	6" 2 WAY	400	219 N
1	GNP	MODEL 10	SCRATCH-N-DENT (WHITE)	399	239 D
1	GNP	MODEL 1	8" WOOFERS (WALNUT)	450	249 D
1	GNP	MODEL 1	8" WOOFERS (MDF BLACK)	450	249 D
1	GNP	MODEL 10	WHITE DEMO'S	450	249 D
1	GNP	MODEL 2	SCRATCH-N-DENT OAK STAIN	600	299 D
1	GNP	S-6	6" 2 WAY PROTOTYPE	680	299 ND
1	ROUSTICS	ROCKY JR	HARD ROCK SPEAKERS	350	299 ND
1	MIRAGE	360	2 WAY BOOKSHELF	400	314 ND
4	MITSUBISHI	S-8040	AMPLIFIED SUBWOOFER	600	439 ND
1	GNP	MODEL 2	6.5"(x2) WOOFERS (WALNUT)	600	450 D
1	GNP	MODEL 20	NOT IN GLOSS BLACK	699	489 D
1	MIRAGE	460	2 WAY BOOKSHELF	600	510 ND
2	GNP	MODEL 20	GLOSS BLACK	900	524 ND
1	ENERGY	PRO 22	CANADA'S BEST W/ STANDS	900	675 D
1	INFINITY	REF 2.5	REFERENCE LOUDSPEAKER	2,000	699 U
1	MIRAGE	760	ROCK AND ROLL!	1,000	799 D
1	MITSUBISHI	M-S5100	HOME THEATRE TOWER	1,500	899 D
2	GNP	VALKYRIE	JR. PROTOTYPE	1,995	995 D
1	GNP	VALKYRIE	SERIES IV (MDF BLACK)	1,995	1,178 D
1	GNP	VALKYRIE	SERIES IV PROTOTYPE (MDF)	2,495	1,499 D

**TURNTABLES**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	TECHNICS	SL-D2	D DRIVE	180	89 U
1	PANASONIC	SL-10	W/RABCO SP-8E	570	228 U
2	DENON	DP-23	D DRV/ QUARTZ LOC/AUTO	300	234 ND
1	DENON	DP-47F	D DRIVE/DYN SERVO/AUTO	475	371 ND
1	SYSTEMDEK	IIX	W/ARM, TERM BLK, TIPTOES	669	399 D
1	VPI	JUNIOR	NO TONEARM	625	499 ND
1	ORACLE	PARIS	W/BETA TONEARM	895	627 D
1	VPI	HW-19 III	W/O TONEARM	1,145	788 D
1	ORACLE	DELPHI	WITH ZETA TONEARM	2,245	999 U

**MISC AUDIO ACCSY**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
3	CHGO SPKR	STANDS	BV-20 or 25 SPKR STANDS	60	39 D
1	ENERGY	ST-1	SPEAKER STANDS	80	55 U
1	SPECTRAL	MI-500	1.5M INTERCONNECT	185	75 U
6	PROTON	320	CLOCK RADIO	129	89 ND
1	TARA LABS	PHASE 2	SPACE & TIME CBL 11.5' PR	175	89 U
6	NAKAMICHI	TM-1	STEREO CLOCK RADIO	139	119 N
1	AUDIOQUES	CLEAR	12' SPEAKER CABLES	1,299	649 D
1	MIT	330SG	15' SHOTGUN INTERCONNECT	1585	899 U
1	MIT	PC-18	SPEAKER CABLES 6,8,10 & 12'	35% OFF	N
>>			<b>ALL CABLES &amp; ACCESSORIES</b>	20% OFF	

**COMPACT DISK PLAYERS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
3	DENON	DCD-520	PROGRAMMABLE W/ REMO	250	199 ND
1	DENON	DCD-810	PROGMBLE/RANDOM ACC	400	199 U
1	NAKAMICHI	OMS-1A	PROG/REM	350	277 D
4	LUXMAN	DZ-111	PROG/REM 5 YR WARRANT	350	299 ND
1	MITSUBISHI	M-C4100	5 DISC CHANGER	500	299 D
18	LUXMAN	D-113D	16 BIT SGL D/A DIG OUT	550	308 B
2	NAKAMICHI	OMS-1A	PROG/REM	350	315 N
1	LUXMAN	D-112	16 BIT SGL D/A	550	338 B
2	MITSUBISHI	DP-311	DUAL D/A DUAL DAC	700	347 ND
3	MITSUBISHI	M-C5010	PROGRAMMABLE W/ REMO	500	399 ND
4	LUXMAN	DZ-112	PROGRAMMABLE W/ REMO	500	424 ND
1	LUXMAN	DC-113	6+1 CHAMGER	680	438 B
2	MITSUBISHI	M-C4030	CHANGER	600	449 N
1	NAKAMICHI	CDP-2A	NO DESCRIPTION HERE	595	476 D
1	DENON	DCM-777	6 DISC CHANGER	700	499 D
1	CAL AUDIO	ICON	NEW MODEL!	695	591 D
2	DENON	DCD-1560	20 BIT LAMBDA CIRCUIT	750	649 ND
1	TANDBERG	3015A	INCREDIBLE	2,000	699 U
1	LUXMAN	D-105U	TOP OF THE LINE BRID	1,200	788 B
1	NAKAMICHI	CDC-4A	TOP OF THE LINE CHANGE	1,200	839 D
1	CAL AUDIO	TERCET	TOP/LINE SOLID STATE	1,295	999 D

**PHONO CARTRIDGES**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
3	GRADO	XF3E+	MOVING MAGNET	66	39 N
4	GRADO	ZF3E+	MOVING MAGNET	69	49 N
1	CARNEGIE	MODEL 1	LOW OUTPUT MOV. COIL	700	79 U
2	AUDIOQUEST	MC-3	H/O MOVING COIL	150	88 ND
2	DENON	DL-301	MOVING COIL	169	129 N
1	GRACE	F9E	GREAT!	250	189 ND
1	TALISMAN	'B' or 'S'	MOVING COIL	399	289 ND
1	GRACE	F9 RUBY	GREATER!	395	289 ND
1	KISEKI	PHS	MOVING COIL	975	777 D

**TONEARMS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
2	PREMIER	MMT	'S' SHAPED W/REM HSHELL	290	232 ND
1	EMIN TECH	II	TANGENTIAL AIR BEARING	950	499 D

**TAPE DECKS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	DENON	DRM-500	NO DESCRIPTION HERE!	300	229 D
2	LUXMAN	K-111	DOLBY B/C	380	249 DB
1	DENON	DRM-700	3 HEAD SYSTEM REMOTE	400	299 D
2	LUXMAN	K-110	AUTO REVERSE	480	299 B
3	NAKAMICHI	CR-1A	BASIC ENTRY MODEL	349	299 ND
2	DENON	DRR-680	AUTO REVERSE	400	329 ND
1	PIONEER	RT-1020H	10" HIGH SPEED OPEN REE	800	379 U
1	LUXMAN	K-112	AUTO-REVERSE	600	399 DB
1	NAKAMICHI	CR-4A	3 HEAD DUAL CAPSTAN	1,000	777 D
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#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	PROTON	550	INTG 50w/CHANNEL	350	149 U
1	NAD	2155	PWR 55w/CH HIGH CURRENT	478	249 U
1	DENON	POA-1500	PWR 150w/CHANNEL CLASS A	800	369 B
1	SAE	A-201	PWR 105W/CH	800	369 U
2	DENON	AVC-500	INTG 55 w/CH W/ SURROUND	600	499 D
1	LUXMAN	LV-105u	INTG TUBE/HYBRID	1,000	499 B
1	DENON	PMA-1520	INTG 120w/CH BUILT IN D/A C	1,000	688 D
1	PS AUDIO	200C	PWR 200 w/ch	2,000	1,199 U
2	AUD RESCH	M300mkII	PWR 300W/CH MONO FRU	5,500	3,495 D
1	AUD RESCH	D-125mkII	115 W/CH HYBRID	4,500	3,600 D
1	THRESHOLD	SA-4	PWR 100 W/CH CLASS 'A'	6,000	3,999 D

**VIDEO**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
2	MGA	CS-1346	13" COLOR W/REMOTE	329	244 ND
1	NEC	N-901BU	VCR	600	244 U
1	LUXMAN	F-105	SURROUND SOUND PROCESS	600	299 U
4	MGA	CS-2015	20" STEREO TV	500	349 N
1	MITSUBISHI	CS-2058	20" STEREO TV	549	389 D
4	MITSUBISHI	HS-U31	VHS 4 HEAD REMOTE	599	399 ND
1	MITSUBISHI	HS-U51	VHS HIFI 4 HEADS	799	499 D
1	MITSUBISHI	CS-2721	27" STEREO TV	800	679 ND
1	PROTON	VT-210	BEST 20" STEREO TV! RGB	900	699 ND
1	MITSUBISHI	CS-2671	DIGITAL PICTURE/PICTURE 26"	1,100	749 ND
1	MITSUBISHI	HS-U61	S-VHS HIFI	1,100	749 D
1	PIONEER	LD-W1	LASER VIDEO DISC PLAYER	1,699	999 D
1	MITSUBISHI	HS-U80	THE "BEST VCR" PERIOD!	1,899	1,499 D
1	MITSUBISHI	CS-3120	31" STEREO DIRECT VIEW TV	2,500	1,899 ND
1	MITSUBISHI	CS-3505	35" TABLETOP VERSION	2,900	2,099 N
1	MITSUBISHI	CK-3520	35" OAK CONSOLE	3,199	2,399 ND
1	SHARP	XV-100	LCD PROJECTOR	5000	3,999 D

**SIGNAL PROCESSORS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	NILES AUDIO	VSA-1	LINE LEVEL VIDEO SWITCHER	179	119 D
1	ALPINE	AP-6000	PCM ENCODER / DECODER	1500	199 D
1	LUXMAN	F-105	SURROUND SND PROC	600	299 U
2	LUXMAN	F-105A	SURROUND SND PROC	600	399 D
3	DENON	AVC-700	VIDEO CNTRL INTG AMP	600	449 ND
1	KLYNE	SK-2A	MOVING COIL HEAD AMP	800	499 D
1	MITSUBISHI	M-AV2	A/V RECEIVER 80W/CH	1000	599 ND
1	ATHENA	MC-10	POLYPHASOR	1000	649 D
1	ATHENA	ML-10	POLYPHASOR	1000	649 D

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**THANK YOU FOR COMING!**

**RECEIVERS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	PIONEER	SX-525	IT WORKS!	350	99 U
2	DENON	DRA-325	35 W/CH DIG REMOTE	350	298 ND
1	LUXMAN	R-113	HIGH CURRENT 35w/ch	480	299 D
2	NAKAMICHI	TA-1	35 W/CH	349	299 ND
1	MITSUBISHI	M-AV3	80W/CH W/SURR SOUND	800	377 ND
2	DENON	DRA-425	50 w/CHANNEL REMOTE	450	383 ND
4	DENON	DRA-625	65 w/CHANNEL REMOTE	550	439 ND
2	NAKAMICHI	TA-2A	50W/CH REMOTE	600	499 ND
2	MITSUBISHI	M-AV2	80w/CH AV RECEIVER	1,000	579 ND
4	LUXMAN	R-115	70 W/CH /REM+ MILTI RM	850	595 B
1	PROTON	AI-3000	REC/CASS/CD W/REMOTE	1,000	689 ND
2	MITSUBISHI	M-AV1	120W/CH W/SURR SND	1,200	699 N
1	NAKAMICHI	TA-4A	100W/CH REMOTE	1,200	799 D
3	LUXMAN	R-117	160 W/CHANNEL REMOTE	1,200	888 ND

**PREAMPLIFIERS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	NAD	1300	BASIC PREAMP	????	149 U
1	LUXMAN	C-12	LAB STUDIO STANDARD	650	299 U
1	LUXMAN	F-105A	W/SURROUND AMP + REMO	600	399 D
1	CONR JHSN	PV-5	TUBE ANALOG	1,500	788 U
1	FORTE	MODEL 2	A GREAT PREAMP	1,100	792 ND
1	NAKAMICHI	CA-7A	HIGH END W/ TONE + REM	2,700	799 U
2	LUXMAN	TP-117	MULTI ZONE W/TUNER	1,200	840 D

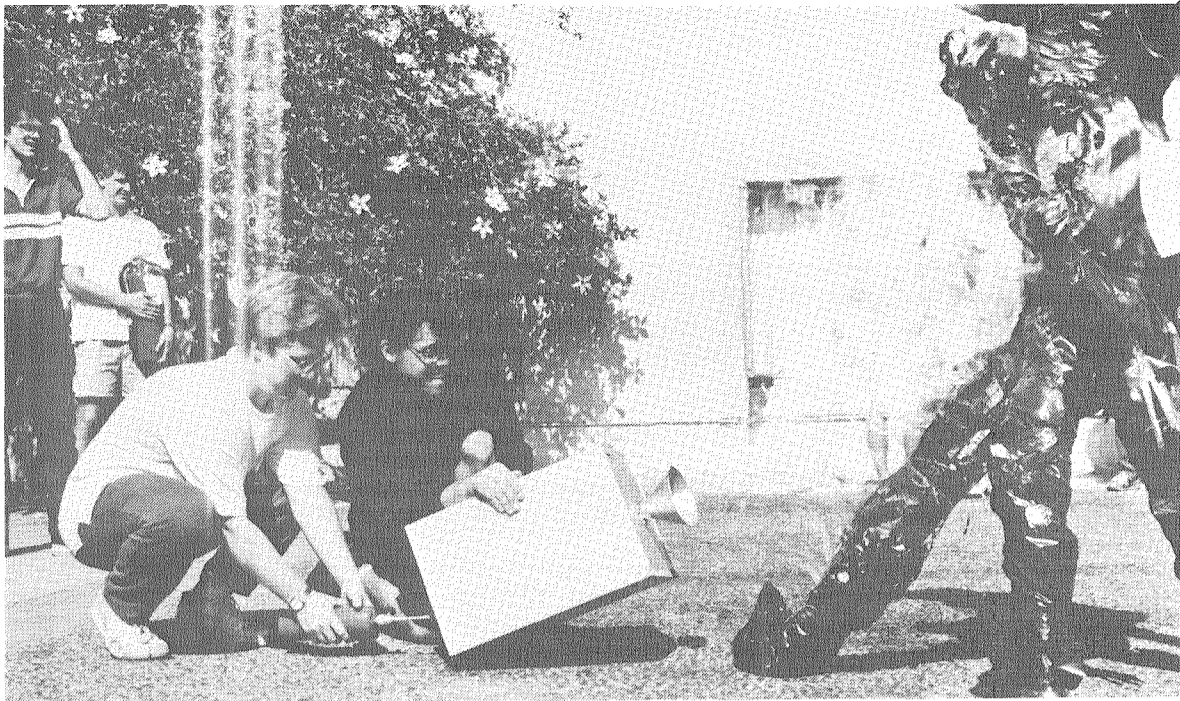
**TUNERS**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	LUXMAN	T-100	DIGITAL/PRESETS	279	169 B
2	DENON	TU-460	DIGITAL TUNER	300	199 ND
3	LUXMAN	T-111	"BEST BUY"	330	199 B
1	DENON	TU-800	TOP OF THE LINE!	500	349 ND
1	LUXMAN	T-117	DIG PRESET TOP/LINE	600	409 B
1	MAGNUM	FT-101	SIMPLY THE "BEST"	700	595 D
3	LUXMAN	TP-117	TUNER W/BUILT IN PREAMP	1,200	799 ND

**FURNITURE**

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
2	TARGET	AIB	AMP ISOLATION BASE	79	59 D
1	MITSUBISHI	MP-267	26" TV SWIVEL STAND	179	88 D
1	CWD	MCWD53	DOORS > MONITOR CART	140	91 D
1	TARGET	TT-2	EQUIPMENT STAND	160	126 ND
1	RANDOM	LOWBOY	OAK STEREO RACK	229	148 D
2	RANDOM	RACK	W/ADJUSTABLE SHELVES	299	188 D
1	CWD	VC-3053	VIDEO CUBE	330	199 D
1	CWD	MC-2153	MONITOR CART WO DOORS	310	199 D
1	TARGET	TT-3RR	TTBLE STND/RECRD RACK	249	199 ND
2	CWD	KD-3003	30" OAK STEREO RACK	340	204 D
2	TARGET	TT-5	HIGH TECH RACK	279	237 ND
1	CWD	LB-3073	LOWBOY W/4SHELVES	465	326 D

**THANK YOU FOR COMING!**



Dave Peterson and Mitch Loescher use a homemade flamethrower to kill the evil alien invading Ruddock courtyard.

# Ruddock

by John Krowas

Eight stacks greeted the underclassmen of Ruddock House at eight A.M. Monday morning. The seniors had pulled the famous "two-fakes-in-a-row" trick on Thursday and Friday preceding Ditch Day. The weekend saw a flurry of activity with the sounds of hammers and keyboards lasting long into the night.

In no particular order, here are descriptions of the stacks in Ruddock:

Dave Risher, Alan Lund, Kevin Underhill and Rob Coker showed their machine shop skills with a myriad of puzzles. Included was a light maze, a water maze, and a spatially reversing mirror that had to be used to put together legos and a jigsaw puzzle. The stack was finally broken, with considerable help, with nary a second left on the clock.

Mike Smith and Scot Wolfe provided a training camp for future secret agents. Each person that worked on the stack was issued a "permit to kill" and had to prove their efficiency in a variety of tasks useful to secret agents. Skills tested were marksmanship, evasive driving, code-breaking, and the use of various weapons, including model rockets. Agents were required to make a gun out of old radio parts. The secret agents completed their training with war games at 3:30 pm, and entered the room shortly thereafter.

Ben Chew, Pete Morcos, and Mark Ma led the underclassmen down the Yellow Brick Road in the "Wizard of Oz." Participants dressed as the cowardly lion, the

tin woodsman and the scarecrow were dispatched around campus to find the gold bricks from the yellow brick road. To show the lion indeed had a heart, they had to help people carry groceries out of Ralphs. The heartless manager threw them out. They were also required to kill the wicked witch of the west, Susan Lee, in public relations.

Dave Carta, Mike Jones, Kleber Camacho, and Dean Oliver spread good cheer throughout the campus with the "K-Smile" stack. They were responsible for the happy faces on top of Millikan, and at Holliston and San Pasqual. Participants were generally responsible for bringing good cheer to Caltech. Unfortunately, one of the ways to bring good cheer to the Institute involved me skipping down the Olive Walk in drag.

Steve Olafson, Ed Lee, Jimmy Fendors, and Katryn Wiese had a stack that paralleled "The Simpsons." The Simpsons underwent electro-shock therapy, colored pictures with crayons, and tried to help Homer keep the Springfield nuclear reactor power plant from melting down.

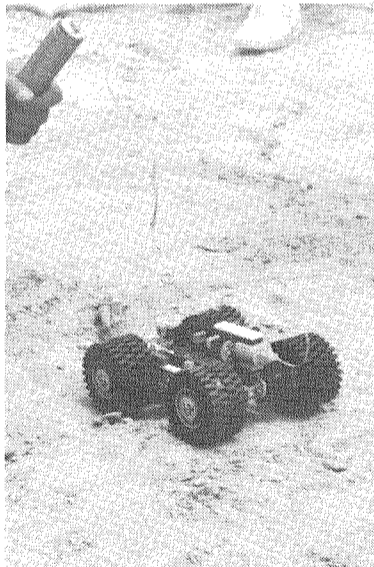
David Proctor, Paul Gentieu, Chandra Tucker, Matt Giger, Milton Tinkoff, and Nik Joshi took the underclassmen on a flight aboard the spaceship *Nostramo* from the movie *Alien*. The crew had to figure out how to launch the ship, and navigate it through space. The crew was all over campus and Pasadena, including the Pasadena Plaza, where Larry Canino had the unfortunate experience of having an alien hatch from his chest. The

mall security had to be reassured that Larry was OK. They wanted to call the paramedics anyway. To kill the alien that had invaded the ship, the crew used a well-built flamethrower to melt him away.

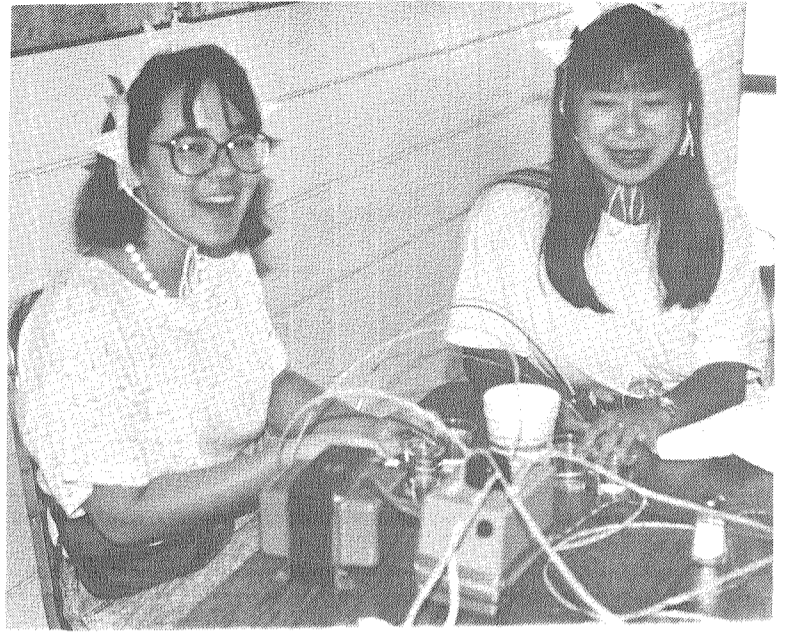
Tom Lenosky, Howard Lee, and Colin Howell brought the underclassmen, "Star Trek II: The Wrath of Colin." Loosely based on the Star Trek movie, the highlight of this stack was yelling, "Colin, Colin..." in the basement of the Ath, just as Jim Kirk did in the movie.

Jeanette Woo, Kathleen Kraemer, and Alex Santoso gave the underclassmen the chance to play Monopoly, Caltech style. The playing pieces were life-sized objects, and the streets were the buildings on campus. The players had to move around the board, and around campus looking for clues to solve puzzles.

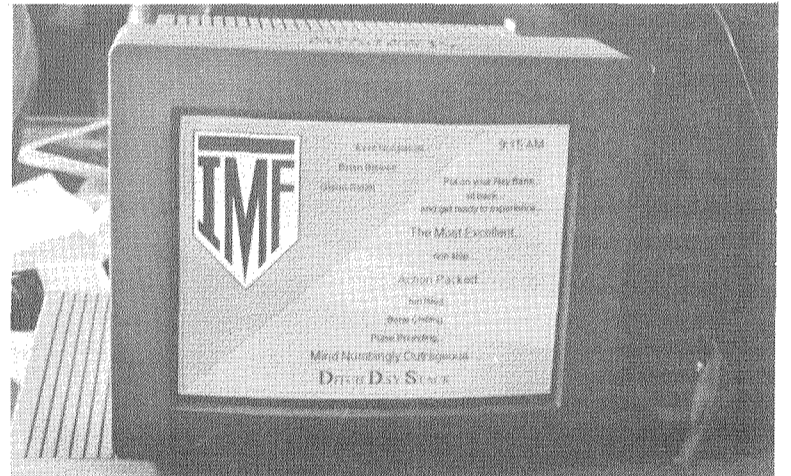
At 5 pm, the seniors returned to see their stacks broken, and underclassmen enjoying their bribes.



A lego tractor must traverse the long jump pit dragging a piece of wood.



Lisa (R. Doty) and Maggie (K. Gin) Simpson undergo electric shock therapy.



# Fleming

By Lei Chen

It's only natural that Ted Rogers, runner / swimmer / surfer, would come up with a stack that requires the "frosch" to perform all those tasks. The bribe was a painstakingly constructed Surfing Machine featuring the "Ted Rogers #1" surf board.

The day started out with "Beer Tasting". Beer tasting, yeah right, looked more like beer gulping to me, wouldn't you say, Ted? The next task wasn't bad at all: pancakes for everyone, cooked by Hoekstra. It could have been better if he hadn't burnt them all.

Well fed, we were off running

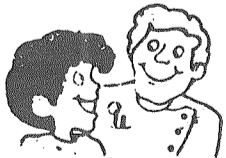
on the track, swimming in the pool (directing a submarine to retrieve the all precious clue from the bottom of the pool), playing with Lego (constructing a tow truck), crawling in the sand pit (dragging a block of wood across the pit with the Lego truck), rampaging across the campus dressed as pirates (looking for 100 pounds of precious metal), running wild after rockets (to retrieve the clues in their warheads), and finally, surfing in the Milikan pond. Surfing in the Milikan pond? Just come to see for yourself!

Ted's stack was awesome: while everyone else in the house was sitting helplessly in front of a Mac II, we were driving around town looking for a recycling place (part of hte stack). However, we all enjoyed it: just look at Ben, does he look like he's whining?

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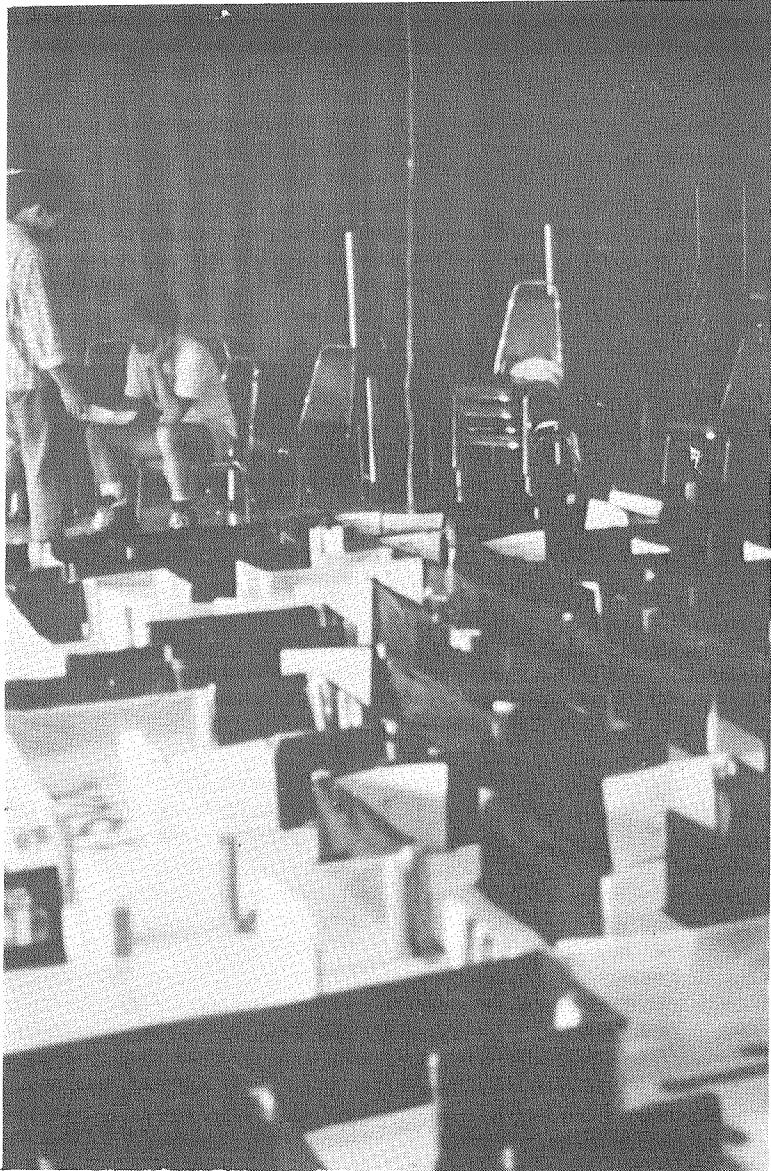
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# Page



A remote control tank must escape this giant maze built in the Page Dining room.



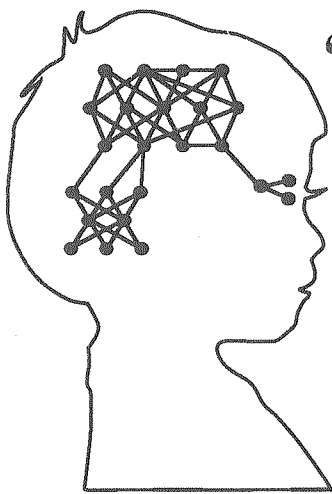
Page boys must build a V-8 engine to enter Gordon "Fish" Prioreshi's room.



The alleys of Page House are trashed during Ditch Day.

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# Ditch Day



An impact resistance test of a Commodore 64 is being conducted by Nathan Frei, Mike Nygard, and Bill Greene.

by Noam Bernstein and Walker Aumann

Back when I was a frosh (last year, that is) the Hovse o' Da Munth stack involved a select team of hand picked experts chosen to save the world from imminent doom. Coincidentally, this year Chris Hurwitz's stack assembled an elite team of future warriors, brought back in time to prevent the destruction of LA by a nuclear warhead (it's only LA - why bother?). Tasks included finding the decoding sequence for the bomb, determining the warriors' favorite fruits, and traversing the labyrinth of the Month basement. Unfortunately, the stack was not completed in time, and Chris had to tell people to "go away" while he finished up the concluding sequence.

Eric Hassenzahl's Occult Caltech founders was solved twice, once at 9 AM and once at about five, because of problems with the Coke machine's clue dispenser. In between, Eric's team had to pick a lock in SCUBA gear (underwater) and explore the Month labyrinth. Many enjoyed sliding down a steel cable spanning a four story drop in the old steam plant. The group collected eleven maps throughout the day, which pointed to the final clue in Beckman Auditorium.

Ed Nanale's gang of spies started by traversing the ever-popular Month labyrinth. Equipped with sunglasses and Ed's Spy Mobile, they explored the great wild off-campus, from Ed's dry-cleaner (where they picked up his suit) to video-arcades, to the Pasadena Plaza. According to our sources, one of these spies (alias: Kevin "Way too goofy" Kan) stole a bystander's

## Blacker

lunch, mistakenly thinking he was a courier.

Clothed in nifty T-shirts, Christina and Vi's "Amazon Women on the Loose" stack began by demanding the showering of Pete Dussin. Since he was working on the stack, he was not difficult to locate. Testing group coordination, all but one member of the group were blindfolded and joined hands in a circle. The one seeing member walked on stilts, in the center of the ring from the Ath to Noyes. The group also had to serenade the Amazon Queen, betina pavri, with the males in the group kneeling. Insiders claim that "Christina was the nice one. Vi always had the severe clues."

Cliff Kisor's stack pitted man against concrete. Inside three brick, cinderblock and concrete monoliths were cleverly hidden 275 toy soldiers. After following several clues to obtain the necessary tools, the demolition team proceeded to dismantle the structures to obtain the body count. At the end of the day, the group found 266 bodies, only nine short. Cliff had earlier decided that finding 225 of the men was sufficient to break the stack.

Matt Kidd's stack sought to find the lost treasure of Pharos, a fraternity which was disbanded when the south houses were built. Various tasks gave the group five keys and nine wafers which determined which key must be used to open Matt's room. The tasks included dropping an HP28S off Millikan, following trails of photograph clues, and creating a big T of the Olive Walk, in memory of an ancient Tech tradition of clearing T shaped trails on the San Gabriel mountains (back

when you could actually see the mountains).

Paul and Marty combined in the D&D Holy War stack, sending two parties of adventurers on separate paths. Shadowspawn's followers had to evade a laser light trap, armed with potions of healing (Ralph's Beer) and dust of see invisible (flour). Tavernlord's followers had to reassemble the fountain of truth whose pieces had been scattered about the land. Because of seemingly insurmountable problems, Tavernlord's followers split into two groups. One started a counterstack with the aid of Loth, Queen of Spiders, who created a web, and lo, it was as if of wood (and kite string). The other group continued to finish the stack successfully, with the aid of Tavernlord's sworn enemy, Shadowspawn himself, and the great Montague.

Ken and Glen's Star Trek stack started as the usual trail of clues and tasks. The second part had the team attempting to earn 1000 points. After selling Glen's C64 (for \$1) to earn 400 points, the group bought it back (for \$2), and dropped it off Millikan for an additional 200 points. They also equipped the Beast with an FTL warp drive, for 12000 points. Finally, the group entered room 19 by way of the newly installed transom (Funny that - it didn't used to have a door there). Incidentally, Glen is currently in negotiation with the Mars Observer Camera group for the resale of his now defunct C64.

We'd like to conclude by thanking the seniors for their time, effort and creativity, which made this ditch day as memorable as always. We had fun, and in that spirit, Ditch Day is tomorrow, frosh!

By Karen Ross

Last Monday, for the first and last time this year, Ditch Day wasn't "Tomorrow, frosh!" It was obvious to those who were overzealous enough to wake up for 8:00 A.M. preregistration that Monday was definitely Ditch Day, as the seniors paused in their frantic last-minute preparations to glance at the trees and contemplate various unpleasant applications of duct tape.

At 8:00 A.M. exactly, the festivities (and the seniors) were off and running. Probably the most conspicuous Blacker Hovse stack was Cliff Kiser's construction, located in the courtyard and advertised simply as "2200 lbs. dry weight." It was, in fact, a series of concrete blocks created in the image of Cliff's home town of Joliet, Illinois. The task was to reduce Joliet to 6-inch rubble and recover the largest possible number of army men that were hidden inside. Godzilla was on the scene for moral support.

Chris Hurwitz and Eric Hassenzahl cooperated partially on their stacks, requiring that the people working on the two stacks come together "so discreetly as to look suspicious" in order to exchange needed equipment.

Paul Amadeo and Marty O'Brien, on the other hand, represented competing gods whose respective followers had to race against each other to solve the puzzle. Unfortunately, technical problems with Marty's stack caused his followers to abandon him and join the forces of the opposing deity. A complex web of wood and string appeared in Marty's room in response to the prayers of the disgruntled disciples.

Matt Kidd designed his stack based on the initiation rituals of the

fraternity that later became Blacker Hovse. The high point of his stack involved testing the "impact resistance" of an HP 28S by dropping it off Millikan Library. A Commodore 64, part of Glenn Eychaner and Ken Andrews's stack, received similar treatment. As a direct result of Glenn and Ken's stack, it is said, Blacker Hovse now has access to a vehicle equipped with a faster-than-light drive.

Viola Ng and Christina Garden built the "Amazon Stack," which, among other things, entailed leap-frogging down the Olive Walk and popping over 200 balloons to find the combination to the lock on Viola's door.

In the quest for the apprehension of the infamous Agent Postoasty, the would-be breakers of Ed Nanale's stack were led, via the infamous Double Super-Secret Spymobile (shhh...), on a crazed chase through the streets of Pasadena. Postoasty was eventually brought to justice, but an innocent passerby was reported to have been mugged for his bag lunch by one of Ed's minions. The assailant was described by the victim simply as "way too goofy."

Thanks to the tireless workers of Fred Mallon's stack, the Blacker dining room has now fully recovered from the heinous theft of the geosphere by certain unscrupulous Page Boys several weeks ago. Equipped with its strands of twinkling Christmas lights, the new and improved sphere serves as a beacon for Moles worldwide.

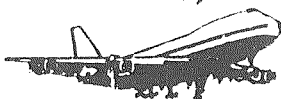
These are just a few of the highlights of a day filled with mayhem and fun, and the underclassmen were sad to see it end. But never fear! We haven't long to wait, because, as usual, "Ditch Day is tomorrow, frosh!"



Archmage Ben Holland casts a spell.

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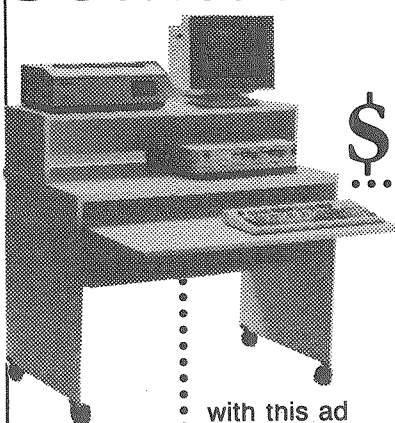
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# what goes on

# money

Submit announcements for *What Goes On* on forms available outside the Tech office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the Tech office. Indicate the date(s) the announcement must run. Announcements for the current issue *must* be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

## Barbershop Singing

If you enjoy singing harmony, you will love singing with the Barbershoppers. The San Gabriel Chapter of the Society for the Preservation and Encouragement of Barber-shop Quartet Singing in America, Inc. meets each Monday at 7:30 pm in the Adult Recreation Center, 324 S. Mission Drive, San Gabriel. For additional information, please call Bob Newton at (818) 446-3424.

## Renaissance Pleasure Faire

Tickets are \$10.50 (reg. \$14.50) at the Caltech Y. The Y also has maps for directions. The Faire goes on weekends until June 10, 1990.

## Folk Dancing On Campus

The Caltech Folk Dancers invite you to come and join us for folk dancing on Tuesday nights in Dabney Hall Lounge. Dances are taught from 7:30 pm to 9:00 pm, with dancing from 9:00 until 11:30 or midnight. This month's teaching will emphasize Greek dances, with Louise Billmont instructing.

## Ride Board

Need a ride home after exams? Want to go to San Francisco for the weekend? Feel bad about driving alone? Want to save gas and help others as well? Now you can, with Caltech's new ride board, set up by the Caltech Environmental Task Force and the Caltech Y. Come by the Board, just outside the Y Office on the second floor of Winnett, and use the provided cards to offer a ride or look for a ride. Save money, hassle, time and gas! Reduce smog—use the ride board!

## Ongoing Relaxation Hour

For those students who have attended the Relaxation Workshop, or have learned basic techniques elsewhere, an ongoing group has been started where you can continue to use these methods—and simply have a place to relax at least once a week. Each session will involve some basic relaxation technique, supplemented by audio and video tapes and basic meditation techniques.

The sessions occur on Mondays from 5:00 to 6:00 pm. If interested, please contact the Counseling Services at 356-8331.

## Play Bridge

Play bridge at the Caltech Bridge Club this Monday. We meet every Monday at 7:15 pm at the Red Door Cafe in Chandler Dining Hall. No card fee, no membership fee, no partner needed. Undergrads, grads, faculty, etc. welcome.

## Submit To The Totem

An effort is now underway to produce another issue of the *Totem*, the Caltech literary magazine. In the past, the main barrier to publication has been profound apathy (i.e., submissions have been about a tenth that required). This is a plea for all interested students to submit their art, poetry, and short fiction or, at least, to offer suggestions. Please include your name, campus address, and phone number. Submissions to Ben Schaeffer, 1-59, x6173.

## Summer Job Frodo-ing Iris

Professors Bjorkman (Biology) and Rees (Chemistry) are looking for a biology or chemistry major with computer experience to install a molecular graphics program (FRODO) on a personal Iris. The student will be expected to learn how to display proteins and nucleic acids using FRODO, and then write a manual for students taking a protein structure course this fall. (A manual for FRODO already exists, but is not written for inexperienced users.) The applicant should have some computer experience and knowledge of protein and nucleic acid structure. A possibility also exists for the student to study aspects of protein structure currently being worked on in our laboratories. If interested, please contact Pamela Bjorkman (x8350) or Doug Rees (x8393).

## Spring Glee Club Concert

Tickets for the annual Spring Concert of the Men's and Women's Glee Clubs are now on sale. The June 2 performance in Beckman Auditorium will feature both Glee Clubs as well as the men's Barbershop Quartet and the women's ensemble, Clef Hangers, in a musically diverse program ranging from renaissance madrigals to American spirituals. The glee clubs will be joined in their final medley of Andrew Lloyd Weber's hits by a group of Caltech dancers—Anna George, Amanda Heaton, Samantha Seaward, Joe Andriu, Clif Kiser and Joe Beckenbach. General admission to Spring Concert is \$7; students, \$5; Caltech students \$3 if purchased from a member of the Glee Clubs before May 31. There will be a reception (free food) after the concert. Come on out and support your friends in the Glee Clubs on Saturday, June 2.

## Health Advocate Program

Interested in being a Health Advocate for next year? Application and course information are now available at the Student Health Center. All students interested *must* fill out an application and be interviewed in September, before fall term begins. This course is *not* open to freshmen. The Health Advocate program is PA 50, a three-term commitment and is open to students living on campus. Please contact Lori Mulvany at the Health Center, x6393, if you have any questions.

## Student Organization Funding

Student organizations applying for Alumni Association funding for 1990-1991 must do so before June 22, 1990. Applications are available at the Alumni House, 345 S. Hill Ave. Funding is approved by the Student/Faculty/Alumni Relations Committee of the Association Board of Directors. The awards will be made in the fall of 1990. For more information, please contact Karen at x6593.

## Saints And Other Sinners

Kind Crone Productions, in cooperation with Caltech Public Events, will present storyteller Milbre Burch in "Saints and Other Sinners" on Friday, June 1st at 8:00 pm in Ramo Auditorium. The performance is free and open to the public.

"Saints and Other Sinners" is an evening of storytelling theatre for adults. The show is comprised of six dramatic monologues and three narrative saint stories taken from world literature, a powerful evening of theatre. [One of the *Tech* staff had a chance to see this show in January—it was great!]

## Let The Games Begin

Every Friday night, the Caltech Gamers meet to enjoy role-playing and board games. Friday meetings are in Winnett Clubroom 1 at 8:00 pm. Meet others who share your interests. All welcome! Most common Friday games are fantasy role-playing, but it's a good time to find players to share whatever games you like.

## Tom Deluca

Would you like to Tom Deluca again? [Honest, guys, that's what it said.] How about this weekend? Drop by the Y for more information [like how Tom Deluca got turned into a verb].

## Off-Campus Folkdancing

Join the Pasadena Folkdance Co-op every Friday evening at 7:30 pm at Throop Unitarian Church in Pasadena at the corner of Del Mar and Los Robles. The club offers beginning instruction at 7:45 pm and intermediate at 8:30 pm. Each month the community is invited to participate in line, set and couple dances from all over the world. A \$2.00 contribution is requested of non-members.

## Let's Do Lunch!

The Caltech Y along with the Caltech Service League have allocated monies (lots of) to encourage student/faculty interaction. Specifically, students can receive \$25 to defray the cost of a lunch, dinner or some cultural event with a faculty member. All events must be *pre-approved* through Brian Redin at the Caltech Y.

## Arts & Science Fair

Lanae Bach needs Caltech students to help volunteer for the Kids Arts & Science Fair on Saturday, June 9 from 11:00 am to 2:00 pm at Tournament Park. If interested, call her at 792-1513.

## Beginner's Windsurfing Clinic

"Sailblazers", Caltech's Windsurfing Club, will teach you how to sail a surfing board in just one day! Open to all members of the Caltech community, the lessons are held in Long Beach on Saturdays throughout the spring and summer. Everybody can do it, so sign up at the Y for the next session available. For more information contact x6237 (Jakov) or x4264 (Branislav).

## Gay/Lesbian Discussion Group

On the 1st and 3rd Tuesdays of each month, all students, staff and faculty are invited to an ongoing discussion of Lesbian/Gay topics, from 7:30 to 9:00 pm. After the talk, time is devoted to informal talking, with refreshments provided. This confidential meeting is held in the Health Center Conference Room; call x8331 for further information.

## Interested in Sailing?

You too can use the Caltech sailboats. Find out how by joining the Caltech Sailing Club. Contact Axel or Martin at (818) 568-9168. Open to students, faculty and staff.

## Kids' Arts-n-Science Fair

Saturday, June 9, 11 am to 2 pm, Tournament Park. Featuring arts and crafts to make and take, science projects and experiments, superconductors, liquid nitrogen demonstrations, astronomy experiments, frog-jumping contests, clowns, balloons, and lots more. Special activities for toddlers. Lunch available. \$3.00 suggested donation for kids over 2 (parents free). For kids 1 1/2-12 years old. Sponsored by the CWC.

## Fishing For Ideas

*The Fishline*, a newsletter serving all Christians of the Caltech community, needs material! If you have any ideas, upcoming events, or articles that you would like to share, please submit them (Mac format, if possible) to *The Fishline*, 126-58. Also welcome are announcement by neighborhood churches, Christian groups and clubs, as well as mailing list additions. Contact Mike Nassir (578-9833) for more information.

## Tanning Invitational

Get set to start the summer off right. Come to the 10th annual Tanning Invitational at 150 S. Chester. Festivities start at 10 am, Saturday, May 26th. Tasty burgers, cool brew, frolicking in the pool, bitchin' bands, and (weather permitting) prime tanning to melt your mind and sooth your soul. Sure beats studying. Do I have to spell it out for you?

## Horse (re)Runs

The Cowtech Equestrian Team will continue to meet during the summer—please feel free to come and watch horse videos or gossip if you are in town. We meet each Monday from noon to 1 pm in Rm. 19 Baxter (bring your own lunch). Info—Call Liz at x4515 or Victoria at x3828.

## Entrepreneurial Dinner

Stan Avery, founder/chairman of the Avery International Corporation, will be speaking on "How to Succeed in Business: With No Money, Some Native Intelligence, A Creative Turn of Mind, and a Degree in Cultural Synthesis." This FREE dinner and lecture is open to all Caltech students, but limited to approximately 20 people. Deadline for signups is today, May 25, at the Caltech Y. Sponsored by the Ametek Corporation.

## Come to the Cabaret!

The Y has a limited number of tickets available for a production of *Cabaret*. This outstanding musical will be presented on Saturday, May 26th at 7:30 pm in the Keck Theater, Occidental College. Tickets are \$6 (regular price: \$10). Hurry! Today is your last day!!

## The Y Needs U!

If you have not already donated to The Caltech Y, now is the time. TOM DELUCA was great, ARCHBISHOP DESMOND TUTU inspiring, and DECOMPRESSION is just around the corner. The Y needs you and your support, and for only \$5 per term, billed to your student account, you can insure that future Y events remain outstanding and *FREE!* Come by the Y today and sign up.

## Online Schedule of Classes

The Caltech schedule of classes, as published by the Registrar's office, has been added to the online INFO system, accessible via CITnet. A write-up on using the INFO system is available from the CCO Consulting Office, 162 Jorgensen.

## First NeXT Meeting

The JPL-Caltech NeXT computer user's group will be having its first organizational meeting on Wed. May 30 from 12:15-1:00 at JPL in building 238-543. Jim Diamond from NeXT will discuss the latest hardware and software as well as some of the goals of NeXT. For more information, contact Leo Blume at JPL extension 7-9521 or leo@emerald.jpl.nasa.gov, or Carlos Salinas, NeXT Campus Consultant to Caltech, x6830.

## You Are Number 6...

the villagers will be showing the full Prisoner series (including the original version of *The Chimes of Big Ben*) this weekend. We will begin at 10:00 am on Saturday, May 26, and run continuously until around 3:00 am on Sunday (breaks may be taken for lunch and dinner). The place is Rm. 35 SAC, across from the S.P.E.C.T.R.E. library. Contact Deron Walters (x6086) if you have any questions. Be seeing you!

## Scholarship Listings

The Financial Aid Office has applications and/or information on the following scholarships. All qualified students are encouraged to apply. The office is located at 515 S. Wilson, 2nd floor, phone x6280.

California Council of the Blind is offering a number of awards to applicants who will enter or continue studies at an accredited college or university in either undergraduate or graduate status. Awards will be granted on the basis of academic scholarship and other factors including financial need. Deadline for application, transcripts and records is June 1, 1990.

The Desk and Derrick Club is offering scholarships to residents of Kern County (but may be attending outside Kern County) pursuing higher education in a petroleum or allied industry-related field. Deadline for submitting an application is August 1, 1990.

Automotive Hall of Fame is offering scholarships for the Outstanding Scholars and Hall of Fame Resume Bank programs and a scholarship from the Hall of Fame's Automotive Educational Fund. Deadline for submitting a complete application is May 31, 1990.

Orville Redenbacher's Second Start Scholarship Program is for students 30 years old or older at the time of application, be enrolled in either an associate, bachelor or graduate degree program at an accredited college or university and can be either full-time or part-time students. Deadline for application is September 1, 1990.

To meet the needs of Italian American graduate and undergraduate students, the National Italian American Foundation is offering a variety of scholarships. Deadline for application is May 31, 1990.

Jewish Family and Children's Services is offering financial support for Jewish individuals and their families. Applicants must be permanent residents of San Francisco, the Peninsula, Marin, and Sonoma Counties.

The American Water Foundation sponsors research in conformance with the aims of the foundation. The AWF is seeking graduate or undergraduate applicants who are students in a degree program such as civil engineering, agricultural engineering, agriculture, geology, law, economics and political science. Proposal deadline is May 31.

## Software Scholarship

The Green Hills Software Corporation has announced the availability of one-year \$5,000 Computer Science Scholarships. These three scholarships are to be awarded to juniors and seniors with an interest or experience in computer science. For more information and/or a Green Hills Scholarship application, please contact the Financial Aid Office at 515 S. Wilson. The deadline for submitting the application is June 1, 1990.

## McKinney Prize Winners

The McKinney Committee of the Literature Faculty is pleased to announce the winners in the 1990 Contest for excellence in writing. In the category of non-fiction essays, first prize has been won by Brett Bochner. In the category of prose fiction, first prize has been won by Richard Benzinger. Second prize is awarded to Chandra Tucker. Third prize goes to Jonathan Liljebld. No prizes were awarded in poetry.

Honorable mention is given to Kirsten Babbitt, Deepinder Brar, and Kent Nordstrom.

Start getting ready for next year's contest. If you have questions, contact Professor Jenijoy La Belle, x3606.

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The Inside World

Inside Worlds have been rated U: For undergraduate audiences only. They may be offensive to some people.

This Week's **Inside World** was written by:  
Dabney: Robert Hanna

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Dabney

So ditch day seems to be the topic of discussion this week, certainly it was the most interesting thing in Dabney. Again we found that there is no end to Rich Zitola's gullibility. Early Monday morning as Rich was doing his physics homework for that day, he noticed some strange activity outside the library. "Josh Rich, people are working on their stacks, and it's six AM, maybe it's ditch day," someone mentions.

"No, no... don't be silly, I thought it was ditch day every day last week, it must be another fake," was Rich's response.

"But I hear a skil saw, and there's Jon Hamkins on the roof with some stilts, maybe tomorrow is really ditch day."

"You're the one who's gullible now, I am still unconvinced."

"All the seniors are leaving the house, I think you may be wrong Rich."

"Not a chance, I am sure on this one, there is no way tomorrow is ditch day." And so Rich would have slept through the whole event if it wasn't for his homework. Isn't physics a wonderful thing?

Well once the festivities got started it was a little easier to convince Rich and some fun was had by all. Things unique to ditch day happened and they'll certainly be remembered. One that comes to mind is Betsy Marvit with a jackhammer, working on the bricks in the orange walk in a skirt and bare feet. The news girl interviewing her seemed taken aback, and when she asked if Betsy was concerned about destruction of school property, everyone around broke into laughter.

The naughty boy award this week goes to Dean Brettle for his ditch day activities. After many people had spent hours coaxing A.J. and getting him comfortable walking on his stilts, Dean came to spoil the works. A.J. looked as innocent and as helpless on his stilts as a baby taking it's first steps. But this didn't deter Dean as he did everything short of kicking the stilts out from under A.J. in an attempt to see him fall to the ground in a writhing heap. Way to go Dean. Hey, you ever think of moving into Alley Five?

-Roberto

Lloyd

Lloyd House List of Accomplishments of the Senior Class of 1990

Pei-Hsiu Suen: In the thirty years since graduation from Caltech, Suen has gone on to become the ambassador from the Philippines to the United States. Caught in a scandal to trade the Los Angeles Dodgers for access to military bases, Suen resigned from active diplomatic service and retired to the serenity of serving as the current head dean of Caltech.

Richard Yeh: Taking up the banner of gay rights, Yeh became prominent through his frequent demonstrations on behalf of fellow homosexuals.

Steve Ludtke: Stevel has taken a public role since graduation by starring on the television show "Married... To My Computer" as the witty and charming host.

Curt Hagenlocher: Taking advantage of his natural inner beauty, Curt Hagenlocher has gone on to win many prestigious beauty contests. His face has graced the covers of many magazines, including those of Los Angeles, People, and GQ.

Dave LaFollette and Tarik Isani: During the years that they were at Caltech, LaFollette and Isani spied on each other as agents of the CIA and KGB, respectively. They apprehended each other in the intelligence coup of the decade, and subsequently turned over all their information to the Iraqi government. Their current status is unknown.

Dave Jeitner: Dave Jeitner is currently working in his 34th year at the Coffeehouse as head manager.

Dave Townsend: After failing to get into grad school, Townsend found his niche in society by serving as the head of the Physics 3 labs, succeeding Don Skelton.

Kevin Chase: Kevin Chase contracted leprosy and remained a social outcast.

Craig Sosin: In his years as physicist by day, rocker by night, Digby, Sosin's alter-ego, formed the underground band "M.C. Squared." His hits "I Love My CRC" and "Just Can't Get Enough of My Oscilloscope" have graced the Top 40 charts.

Andre Ohanissian: Andre went completely bald at the age of twenty-seven.

Food Costs

from page 3

people is very difficult to operate, and Jim believed that Gary is operating better than if the school were to operate its own food service. However, despite all the changes, the price should stay around \$11.75, not \$13.00.

The administration is concerned about the decrease in the number of people on board and that the consumption of food does not go down accordingly. Since there is a break-even point for ever food service (for large international corporations, the break-even point is 1000 people), Gary cannot afford to lose too many people. Currently, the number of people on board is 476, when in the past there were around 500 people. Also, the waiter system creates a big problem. Waited style cools the food down, thus decreasing the quality and presentation of the dishes. Jim said that waited dinner increased the cost for each student by about 60 cents, mainly because a large amount of food is wasted. If waited dinner is eliminated, Gary may be willing to give up something

(perhaps mandatory food service) in exchange.

When asked why we don't get rid of the food service, Jim said that the Institute has a commitment to feed the students. Also, there are not enough kitchen facilities for students to cook themselves. Gary has served Caltech for five years now, while other commercial food services have stayed for 2 years or less (some of them were kicked out by the Institute).

Jim was rather disappointed about the attendance that night. (Part of the reason for the low attendance was because of last minute notice and Tuesday night classes, as the students present explained to him.) He said it is easy to get "69 signatures in the Tech", but the administration would like to see active participation of the students in voicing their opinions. So, talk to your president if you have any questions or comments. Before the contract is signed, there may be campus-wide voting, and details on some options will be in next week's Tech, after the administration has discussed the issue with Gary.

Jim's Journal

by Jim



Steve Kellogg's team ran 212 miles in 24 hours to win this year's KELROF.



Bridge Club Finishes Second

by Jack Singleton

During spring break, while most students were surfing or tanning at the beach, the Caltech Bridge Club was in Fort Worth, Texas for the North American Collegiate Bridge Championship. Bill Cross, Sam Dinkin, Jeff Goldsmith, and Fred Upton left March 20 to face Brown, Harvard, Illinois, Rice, and Virginia. Caltech was in second place after the round-robin to qualify for the semifinals; beat Virginia in the semi-final round, and then lost to Harvard in the finals. Today's hand is from the semi-final round against Virginia.

S K7  
H AK1042  
D AQ82  
S 1043 C K2 S AQJ82  
H 83 H 97  
D 97 D J54  
C AQ10763 C J98  
S 965  
H QJ65  
D K1063  
C 54

Dealer: South Vul: North/South  
The play of the hand is easy

Nutritionist

from page 3

ed out that complete satisfaction is nearly impossible since there is no waited service providing dinners to individual orders. As for the menu, Mrs. Schaefer will work with Gary to produce a 5-week menu cycle to increase variety and avoid "food repetition".

Mrs. Schaefer invites all students to make their concerns known to her. She would particularly like to hear from students with specific dietary needs. She can be reached through Patti Pratt at the Housing Office.

enough. The question is what contract should be played. Bill, sitting West, expected to take 5 tricks in Clubs, and opened "3 Clubs". North bid "4 Hearts", and Fred, seeing 2 or 3 spade tricks and perhaps help in trump, raised to 5 Clubs, which was doubled. On good defense, this contract should go down three (the King of Clubs and 2 red Kings), but when played, only went down two, 300 for North/South.

At the other table, Jeff and Sam got to play 4 Hearts, making 5. The defense gave up an overtrick in a fruitless attempt to set 4 Hearts, giving a score of 650 for North/South, and 8 IMPs for the Caltech team. Fred, understanding that Bill had 5 tricks, added his 3 to get 8 tricks. Since down 3 doubled (not vulnerable) only costs 500, a better score than allowing the opponents to make 4 Hearts (a

vulnerable game worth 620) Fred judged well to make a sacrifice bid of 5 Clubs over North's 4 Heart bid.

A useful rule of thumb is that with favorable vulnerability, 3 tricks down doubled (is less costly than) an opposing game. With equal vulnerability, 2 tricks down doubled an opposing game. And with unfavorable vulnerability, 1 trick down doubled an opposing game. The Caltech Bridge Club would like to thank the Caltech Service League, the Caltech Y, and the Dean's office, whose contributions enabled them to leave a few days early and practice in Fort Worth. This gave Jeff and Sam the opportunity to play against and beat Norman Kay and Edgar Kaplan, two former world champions, in the final round of the Open Victory-Point Swiss Teams event.

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