

Thank God we're done with this Ditch Day Issue

THE CALIFORNIA TECH

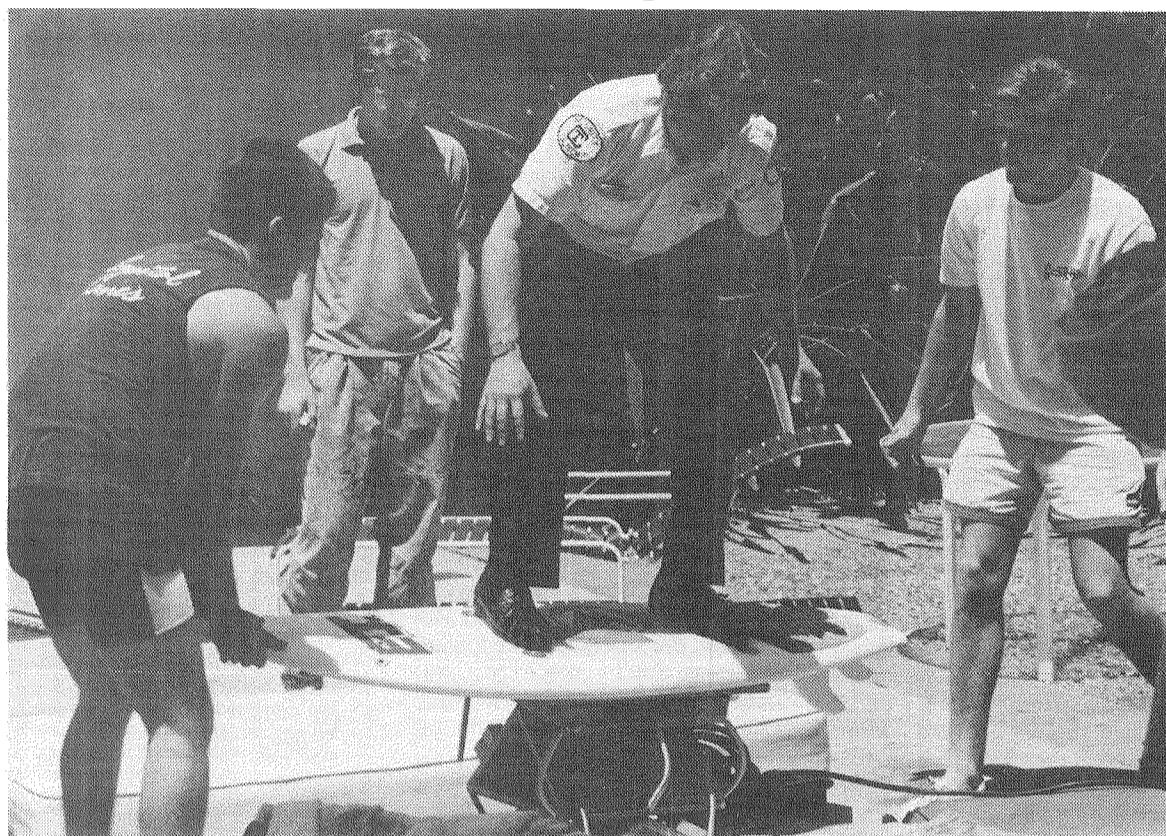
Last Day for Pre-Reg.

Volume XC, Number 28

Pasadena, California

May 26, 1989

Ditch Day Was Yesterday



Caltech Security takes a ride on the mechanical surf board in Page Courtyard.

If you missed it yesterday, 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.

Seniors again were able to make the Freshmen, Sophomores, and Juniors do their bidding as their stacks were revealed in envelopes pinned to the sheets which have been concealing the seniors doors for the past few weeks.

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 stacks 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, coordinated by Ditch Day Central at Winnett Center organized by Public Relations. Ditch Day is a major source of publicity for the Caltech student body.

Anson Receives ACS Honor

[OPR]-Fred Anson, chairman of the division of chemistry at Caltech, has been named recipient of the American Chemical Society (ACS) Award in Analytical Chemistry, given for his distinguished research in this field.

"All of us at Caltech are well aware of Fred Anson's outstanding contributions to analytical chemistry," said President Thomas Everhart. "We are pleased to see him receive this honor, which he richly deserves."

Anson is noted as a world leader in research in electrochemistry, a science with applications to an ordinary car battery, a hearing aid, or the fuel cells for spacecraft. He has done pioneering work of polymer-coated electrodes, electrocatalysis, and on electrochemi-

cal reactions carried out in thin layers of solution.

The honored chemist has described his field as trying to understand the details of processes in which electricity is used to drive chemical reactions or chemicals are combined in electrochemical cells to release electrical energy. This knowledge has helped scientists develop heart pacemakers, and techniques to analyze trace quantities of chemicals in humans, animals, and bodies of water.

Anson and his research colleagues are focusing on the kinetics, mechanisms, and catalysis of electrode reactions. They are conducting experiments to devise ways to speed up the transfer of a charge between liquid solutions and conducting electrodes placed in them.

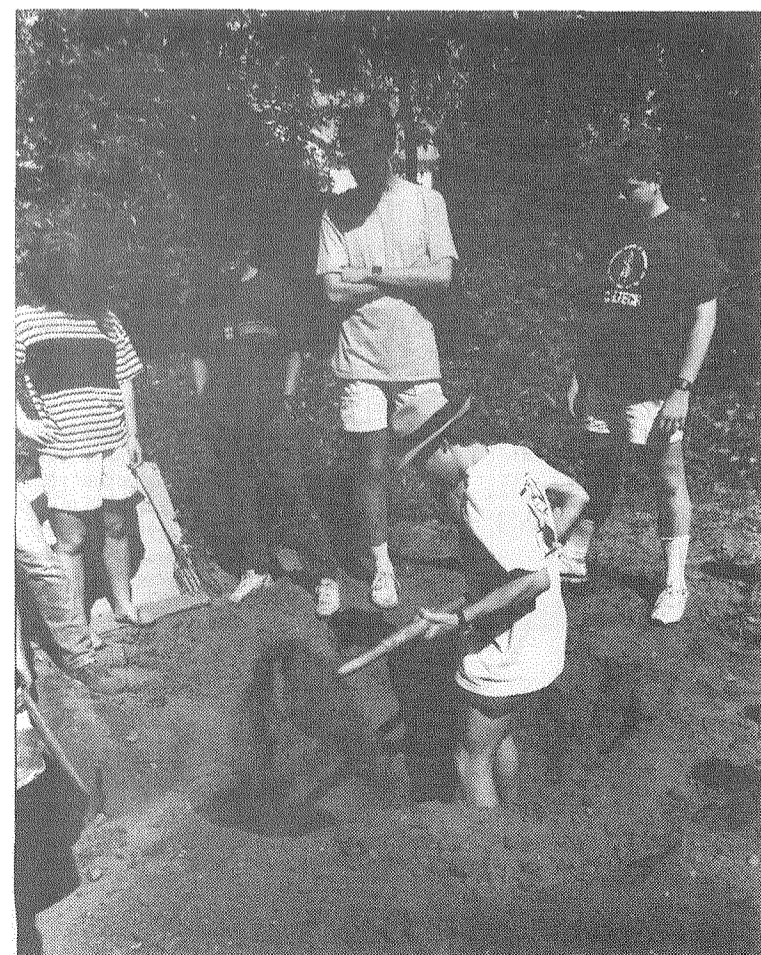
DITCH DAY

Odyssey

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He wrote down his last requests. Okay, he wants a cigarette, a talk with a priest, a bullet proof vest... smart aleck.



Lloydies digging up the remains of Keith Rosema.



Some unknown guy goes waterslide bowling to obtain precious water for the mousetrap stack.

photo by Craig Sosin

photo by Sheldon Lim

LETTERS

Not So Severe MOSH, Maybe

To the Editor,

In my letter last week I mentioned that an administrator had told Page House residents that they couldn't shower Ricketts students on their seven-house tour. It turns out that this rumor (which I read in the *Tech* the week before and which also was the understanding of several Page members) is largely unfounded. It is the misunderstanding of many Page House members that the house is on "Social Probation" due to the famous pamphlet "incident." According to the Master's office this is not true. When told to handle the Ricketts house tour "in the spirit in which it is intended," it was decided that it would be safest to make a house Tommy's run and avoid any unpleasant situations which might arise and jeopardize their upcoming party.

I apologize for any misunderstandings caused by my perpetuation of this rumor. It was not my intent to criticize individuals, but to condemn the arbitrary practice of administrative power in the solution of problems. Placing an entire house on "Social Probation" for the independent actions of a few members would seem to fall under this category, and I'm glad to find this also to be an apparently false rumor.

Sincerely,

-Marc Turner
Junior

Improving Student Life

To the Editors:

It ought to be possible to use high technology to make life more pleasant for students, both for education and for fun. I'm going to suggest several ways, and I hope others will write to the *Tech* to suggest more, and perhaps to reveal corners of the campus where some of these methods are already being used.

First, the proliferation of VCRs on campus means that there should be a videotape library. It should have a mixture of popular films and the cultural ones that are almost impossible to find anywhere: operas, ballets, instructional tapes, National Geographic and PBS shows, and foreign language films (for those who'd like to supplement language study).

Furthermore, we have wonderful lectures and cultural presentations in Beckman and Ramo that many of us miss, or that were given years before we arrived here. There are extraordinarily gifted teachers whose courses should be taped. Often they are, but most people don't know about them. (They're kept in the archives.) Wouldn't it be wonderful to have had the Feynman Lectures on Physics on videotape? Every major

presentation in Beckman or Ramo should be videotaped, if the speaker or performer does not object. Perhaps this could be done by a student crew, to keep costs down.

Millikan library does have many audiotape and some videotape recordings in the archives. Even a recording of Einstein is available! (For a list, see the archives on the campus computer network INFO system.) These are available by appointment only, and cannot be borrowed. It would be better if duplicates of at least the most interesting archive tapes could be lent out as easily as books.

The sign forbidding recordings in Beckman Auditorium should be removed. Students should be encouraged to record, so the wonderful lectures and performances can be replayed or shared with those unable to attend. Only if the performer specifically requests it should that sign be displayed.

Frequently the Southern California Skeptics of the Committee for the Scientific Investigation of Claims of the Paranormal (CSICOP) hold fascinating talks at Caltech, and these are often videotaped by the group. Perhaps an arrangement could be made to allow copies of those tapes to be kept at Caltech.

Major scientists and engineers at Caltech and JPL ought to be interviewed on videotape about their accomplishments (and failures, which are often even more instructive). Even minor figures in historical events often have fascinating stories to tell. These people will not be with us forever, and once they are gone, many of their stories will be lost. We should have a regular oral history program.

The small library of compact disks in Millikan should be expanded. Borrowed phonograph records rapidly get ruined by scratches, but CD's are relatively immune to such problems. The library could gradually build up a nice collection of popular and classical music, comedy, languages, instructional materials, etc. A great wealth of instructional and entertainment audiotapes is now available, and these too should be added.

A wonderful new piece of technology is now becoming available: CD-ROM. These store more than a half a gigabyte of computer-readable data on compact disks just like music CD's. Some disks now available: Microsoft's 10-volume-on-one-disk writer's library; the Grolier Academic American Encyclopedia; the condensed McGraw-Hill Encyclopedia of Science and Technology; newspaper archives; and JPL space pictures and data. These would be extremely handy resources for students and faculty alike. Some CD drives are available on campus now, and it would be great to see their availability expanded, and accessible through the campus network. Fascinating new generations of CD are being experimented with (CD-V and CD-

I) and promise multimedia experiences that will be of tremendous educational value. Caltech might be able to obtain some of these from their manufacturers.

Videodisks are undergoing a renaissance now, with superb versions of films, art galleries, spaceflights, and other material, often with documentation unavailable in any other form. We need at least one multipurpose videodisk player available to students, and a library of disks.

And finally, as Rich Fagan has suggested, we need to explore ways to use the Caltech computer system innovatively. We should have a complete, up-to-the-minute calendar of events on-line (for which the incomplete "Campus Events Calendar" on the INFO system, designed for other purposes, is a first step). There ought to be a complete student directory on-line, updated frequently, since it is often difficult to track down a student's current address or phone number. The complete book and journal catalogues of the Institute could be made available. Perhaps we could even tie in with the Pasadena and other libraries' computer systems, with a shuttle to transfer books between the institutions.

There is a private computer database called PALS, affiliated with the Pasadena library, which has information on restaurants, films, and other events in the area. Perhaps an arrangement could be made to gain access to that. There are many computer databases around the country that could be made accessible, preferably emphasizing the more user-friendly ones.

It would be nice to have a library of software, both gaming and educational, for PC's and Macintoshes, although copyright restrictions complicate this.

An index of all of these media should be maintained on the campus computer network, so everyone can find out what's available, and where, and whether it's been borrowed.

Perhaps Caltech should have a small version of MIT's famed Media Lab, one oriented more toward hands-on use by non-expert students, rather than a purely research establishment. Such a proposal might attract donors.

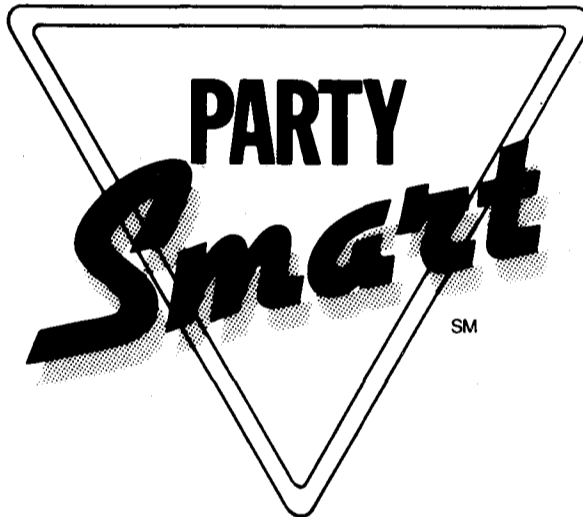
I hope others will write in with more high-tech (and low-tech) ideas for improving life here. As a mecca of high-tech, Caltech should aggressively explore the use of technology for the betterment of student's lives

-Tom McDonough
138-78

Bozo Crashes Mountain Bike

[UPI]PASADENA-World class triathlete Mark Lyttle was injured last weekend while training in the nearby San Gabriel Mountains. When asked about the crash, Lyttle responded, "I don't know. I just went totally WFO into one of those killer curves and just wiped."

Unknown at the time is whether, Lyttle will be able to continue his daily noontime training runs with his running coach, world class road racer, Chris Campo. Apparently, he will have more time to devote to running since he has decided to cease his swimming training. "I don't think it's a factor. I may switch over to biathloning. It's a much purer sport."

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Next Week: The Running Man

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The Inside World

This week's Inside World was brought to you by:
Blacker: Miguel McDonald and Bonnie Wallace
Dabney: David A. Edwards
Ricketts: Mark Lyttle

Ricketts

Frame House Enquirer

Mark Lyttle and Mitch Pravica Battle for Guns 'n Roses Tape

Early in the summer, Mark Lyttle purchased the Guns 'n Roses album, *Appetite For Destruction*, not knowing of the bloody battle that would ensue in the future school year. A couple weeks into the school year, Mark came back from class and yearned to listen to the soothing strains of Guns 'n Roses. Having listened to it the night before, the tape should have been in the tape player, but Mark saw it was not. After realizing the tape had been taken, Mark looked for the tape case. Seeing that it had not been taken, Mark reflected, "What an idiot, he didn't take the case." Mark spoke too soon, because two days later the tape case disappeared as well.

For two quarters, Mark was in a blue funk over his missing Guns 'n Roses tape. Even though he had no suspects, the most likely house resident in possession of the tape was Mitch Pravica, because Danny Holste-Lille had not yet made his presence felt.

One weekend, however, Mark's luck began to change or so he thought. After going to the Pomona Swap Meet with Tom Capellari in Chris Campo's car, Mitch slipped up and accidentally left the much longed after tape in Chris' car. Going out to eat that night with Chris, Mark claimed his tape and thought his problems were over. He was incorrect, however, because although he wanted to lock his room he had a key for his old room. So after approximately two weeks of listening

to the tape every night, the tape mysteriously disappeared again. Mark is suspect of Mitch, but he is hesitant about sneaking into Mitch's room to look for his tape.

As Mark said, "Only dicks would go into other peoples' rooms and poke around and anyway Mitch might beat the hell out of me." Mark did mention, however, that this was a serious matter and serious matters require serious actions, which does not rule out an attempted raid on Mitch's room.

Does Kurth Reynolds Actually Live At Frame House?

When it was first announced that Kurth was moving into the Frame House, Mitch Pravica expressed fears that, "there would be all these drugs, and Bonzo would be hanging around." His fears were soon realized to be unfounded, because although Kurth did have a few packages sitting around the

Danny Holste-Lille: Menace or God?

When Danny moved into the house for a couple weeks, not much was known of his past year, except some rumors had him living in a commune in Southern California and that he had gotten heavily into philosophy, achieving an almost godlike level of harmony with nature and others.

Upon his entrance to Frame House, the other members of the house seemed destined to have some weird run-in with Danny. The first to experience the weird effect Danny had on other people was Chris Campo. Chris, for some reason, was unable to understand a single word Danny said. This inability

house, he was actually hardly ever there. Mark Lyttle expanded, "I see Kurth in class more than I see him at Frame, and I see Derek more at Frame than I see Kurth here."

Even though Kurth is never actually at the house, his reputation has caused more than one person to show up at the house asking for him. Chris Campo, amazed at the flow of people into the house, said, "Wow, I didn't know she was one of those type people."

More proof of Kurth's not living at the house occurred a couple nights ago, when Kurth was watching a movie at the house. At the end of the movie, Kurth announced, "Man, I'm tired, so I think I'm going to go to sleep" and then he picked up his bookbag and walked out the door. Kurth, however, says that contrary to the apparent trend, he will actually be living at Frame House this summer.

nearly drove Chris insane, causing him to curse Danny's name at strange hours of the night. "It's like he has no common sense, where has he been for the last year? living in a commune or what?"

On the way back from a bike ride, Mark Lyttle was struck by Danny, who backed up his car into the bike, as Mark turned into the driveway. Danny got out of the car, and asked Mark if he was alright. Mark answered with a quick "NO!". Danny examined the damage done to his bumper, and then hopped into his car and drove away. Mark was amazed, "It was such a fluke", but this fluke accident cost

Mark \$30 for a new rear wheel.

On the way back from class, Mitch Pravica entered the house and witnessed Danny lugging out a desk from one of the upstairs bedrooms. Mitch had some sort of personal bond with that desk and could not bear to part with it. Mitch saved his desk, but the next day Chris Campo's saucepot was discovered to be missing. Chris has no positive proof, but he considers Danny the number one suspect. "The idiot forgot to take the power cord."

The magnetic personality of Danny Holste-Lille has achieved almost mystic status in some parts of California, but the members of Frame House have yet to be so impressed.

peace, but eventually every night denigrated into a wild free-for-all. The Golda Bernstein-Todd Kaplan tag team combo voyaged to the house and argued into the night. Occasionally the Page tag team of Jerri Martin and Chris Goddard would venture over, but they could not rival the Dabney team.

Campo's personal magnetism was never more apparent than on the day Steve Bard, Dirk Runge, Robert Southworth, and Brian Craft all came over individually asking for something different. According to Mitch Pravica, "Those 360 types never came over here until Chris moved in."

Chris Campo: Person Magnet

During first quarter, Frame House was a quiet, peaceful house, but that all changed with the arrival of Chris Campo. Amazingly as soon as he moved in, numerous people began to converge on the house. As Andre Ohanissian said, "I can't believe how many dweebs are over there all the time."

First it was just Derek Slye and his unicycle for AMA95 and Dave Kim for Ph12, and the more sedate members of the house, like Mild Mitch Pravica could play their classical music in

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DITCH DAY DITCH DAY

Fleming

Leslie, Celina, and Pete constructed a Rube Goldberg machine with a theme of water. The object was to fill up a tank with water, which would be the final piece of the contraption. Various tasks were done to add water to the tank.

Water slide bowling consisted of ten jugs of water on plastic garbage bags. The object was to run up and slide down the wet plastic, and knock over as many jugs as possible. The object of the human sponge was to jump in the Del Mar pool, wearing a lot of clothing, and then wring out the water into buckets. Other tasks included drinking alcohol (one glass of water for each beer drank), and a water balloon toss.

At 4PM, Opus came sliding down a string, releasing ball bearings, which slid down a long tube into a pail on a teeter-totter, which raised the other end and a burning candle which burned the string, which released a barbell, which knocked a post down, releasing a wrecking ball, which released the water from the tank into a series of canals, which lifted a boat out of the tank. This was a great stack for a hot day, and the bribe of homemade brownies made it even more enjoyable.

The Rob, Sue & Julie stack became, in Rob's words, a "beer nightmare." At 7:45AM, the beer went out of control, destroying the technological wonder called the Indy stack. Changed to a non-electrical stack, it was still a blast. The Indy/Bryn Mawr stack included a quiz, condoms, and castrating bitches. It peaked at the end with the final two tasks. A death-pace shopping cart race around a course that had everything: hairpin turns, bridges over water, and of course, beer. The final task was to almost get arrested changing the PCC sign ("actually officer, we had no ideas what the fuck it said before we changed it.") The pot of gold was champagne, Marie Callenders, and random baked goodies (and Rob's stereos system.)

By 8:01AM it was apparent that the stack conceived by Jim Burleigh, Brian Colder and Brian Hayes was going to be a lot of fun. It was an honour stack, which consisted of a series of stacks to be completed throughout the day, before claiming the bribe.

Our first task was to construct a banner proclaiming "SEND US WOMEN - CALTECH DITCH DAY," which was mounted on the tower crane in Beckman Construction Site for all to see. (Thanks guys!, you know who you are!) Then the next difficult task of the day was carried off successfully as two anonymous persons drag-raced their high-performance cars along a strangely deserted California Boulevard—those hard hats and road signs really came in handy, huh? The result was surprising, so watch out for a rematch.

Next was the most phearsome task, phour Flems phaxed their photocopied phalli to numerous radio stations and Oracle employees. From here on it was plain sailing—believe me! Ten pick up lines were tested on willing female subjects at PCC, ranging from "Hey, how would you like to make the beast with two backs?" to "My friend bet me that I couldn't start a conversation with the prettiest girl on this campus." All this and Chamness didn't get one phone number. Maybe the Eddies' Buffalo Breath sandwich had something to do with it.

PCC was the arena for the next task also, or to be precise a men's urinal was the arena. Cash was placed in a urinal and subjects were observed from an empty stall. The \$10 bill was taken by the first guy, who seemed embarrassed when we interviewed him afterwards. They guy who took the \$5 bill mistook us for Alan Funt and just plain ran away from the camera. No one stooped for one dollar.

Meanwhile we were connecting breadboards to two wires running out from under Tim's door, following his crystal clear directions—



A plea to the outside world was part of Jim Burleigh's stack.

he's not even a EE. The next task was for Mark Chamness to make drinks from the selection outside Tim's door. These were tested by Tim Maddux and Randy Ralph, and if they disagreed on a thumbs up or thumbs down then Kirill Shcheglov had to drink both. Of course, with absolutely no collusion between Tim and Randy this happened twice and Kirill was hating life. Luckily Mark's third attempt, a Long Island Iced Tea was universally approved. Lisa Waite then judged a phallic vegetable carving contest which yours truly (Mark Humphreys) won convincingly.

This left us to get the final clue from "the big man on campus." This accomplished we connected the apparatus up, flicked the switch, blew the circuit and acted confused. A quick phone call told us this was meant to happen (?) and we entered around 4:15PM to a great bribe of booze and munchies. All in all this was a great stack to work on and everyone had a fantastic time—save perhaps phour members. Thanks Jay, Steve, Mark C., Randy, Tim, Pete H., Joe, Sonny, Chris, all the road workers along California Boulevard, and everyone else who helped. Thanks also to the seniors for a memorable Ditch Day '89.

We liked Ditch Day. It was fun. We worked on a stack. Also, it, too, was fun, enjoyably fun, as

well. The stack was done by seniors. Colello and Vermies are seniors. They did a stack. So, that is the stack we worked on. We worked all day on Ditch Day. Vermies and Colello weren't here. I wonder why. But we had their phone number. Hear, this is their stack.

We first had to find 15 chips. (My teacher told me to never make long sentences.) These "chips" had metal pins sticking out, and they hurt your tongue when you eat them. How did they get potatoes so black anyways? After we found the chips, we plugged it into a breadboard. Potatoes and bread don't mix. This red thing with numbers lit up and told us where the key was. Then we opened the door. There was liquor inside. It was good. This was why we liked ditch day. The End.

Pat Sullivan and Dave Jung's stack required obtaining 69 points. Points were awarded for correctly answered trivia questions, or by doing certain tasks. Tasks included begging for money at Lake and California, getting an ear pierced, Rob Williamson singing a rendition of "Wild Thing", and Steve Clinard and Cathy Hafer handing out fashion police citations at the mall for not wearing enough paisley. By a lucky guess of the number of times the Washington Generals beat the Harlem Globetrotters (four), we were saved from doing a Thunderbird relay to the Venus Theatre and back. The bribe consisted of the usual chips and alcohol.

The awesome team of Bill, Jim, Emily, Karl, and Lanny worked on the Tim-Tom stack until a last minute clue gave the answer, the combo to Tim's room. This clue was the last in a series of twenty hidden places, ranging from Grant Park to the office of a Jet Propulsion Prof. All of the clues were hidden in red culinders marked with a white "F". Each clue was a picture or puzzle that led to the next. By far, the hardest clue to obtain was found by a prof's secretary who refused to give it up. After explaining to her that the "F" stood for Fleming and not Firestone, we convinced her that the cylinder was part of a stack, not a present or a bomb.

Seniors Clark Highstrete and John Josephson both live off campus and hence, they built their stack in a corner of the Fleming House Courtyard. The first task was to assemble two model airplanes: an

F-15 and a Mig.

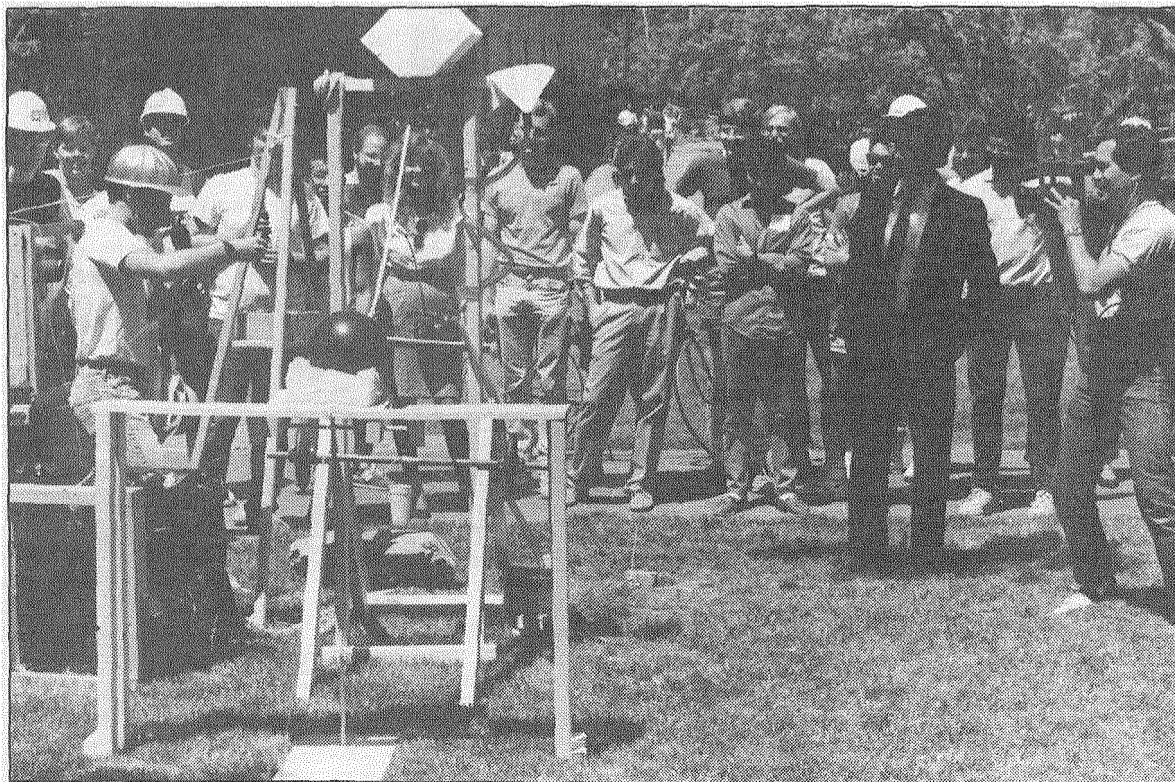
After these two airplanes were put together and glued (they were both plastic models) the Mig was filled with an M-70 and blackpowder! A string was hung from the top of Fleming House down into the courtyard. Then the airplanes were hooked onto the string with the Mig being chased by the F-15. The Mig was lit and both were sent down the wire.

Half way down the wire the Mig went up in a ball of flames. The second task was to build a model rocket. We decided after building the rocket that filling it with firecrackers and blackpower would be more effective. After loading, it was set on the launch pad and ignited. At a height of several hundred yards the rocket set off the powder and exploded.

After an Orange Walk beauty contest (average score: 1), the hard working stack-breakers played a grueling nine holes of holg on the Caltech greens. Three contestants tied for first place, ten under par. Finally we were able to open the last box which contained the bribe, consisting of the ingredients for Margaritias.

For the second year in a row, Gino Thomas had a stack for the true Renaissance man. We followed the steps of Gino Thomas P.I., in search of an elusive painting. The witty Thomas led us through Lacy Park, The Temporary Contemporary Museum of Art, The Contemporary Museum of Art, the J. Paul Getty Museum in Malibu, the Museum of Natural History, and most importantly, the original Tommy's in LA. The search ended with brownies, fudge, and beverages—but no paintings.

Others doing stacks were Hobbs and Rodeffer, and their *Raiders of the Lost Ark* stack. Paul Brewer gave clues in Morse Code on a cassette tape which included riding a bus up Lake Avenue and climbing up Echo Mountain in search of the key to disarm the bomb. Wetter and Wolverton had people watch a scene from the movie *Brazil*, then act it out in front of different people. Style points were awarded afterwards. The actors would judge themselves, but the catch is they didn't know what they were judging themselves on until after the reenactment. If I forgot anyone, sorry, but you should have made it part of your stack to write an article for the *Tech*.



Leslie McCaffree's mousetrap stack attracted attention throughout the day.

Ricketts

DONT READ THIS UNTIL 8:00

Well, another Fake Ditch Day has come and gone. Face it frosh, after getting you to miss all your classes, running around doing bizarre and random stuff for several hours, and then spending another hour eating Fake Ditch Day bribes, the seniors really had you fooled yesterday. Many congratulations are in order for all seniors, firstly Corbet Wilcox and Josh Kurutz for their amazingly spectacular Stack-o-Rama. Within a matter of hours, pinks and glorps on the olive walk were heard moaning, "oh, no, not THEM again," as the fezz-adorned slackmeisters approached with slack-whackers in hand. An all-pervasive atmosphere of total slack soon encompassed Ricketts. Soon, even the CONSPIRACY[Fnord] couldn't help but notice this, but the Slack-o-Drama was already in progress before they could set off their anti-slack bombs. The Slack-o-Drama had everything... Fezzes! Slack-whackers! Fruedian Symbolism! Toast! Squid!(HERESY!!!) and Spam! If all that wasn't enough for you, as an encore there was Rob Ferber's amazing exploding canteloupes (Ferber still eats weeds)! There you have it. An incredible Fake Ditch Day stack and more Zombies for "Bob".

Congratulations also to Peter Capofreddi for (what else!) The Money Stack. With the help of random persons near the Ath lawn, we finally managed to get \$38 worth of Jeopardy answers (or is it ques-

tions?). Then, thanks to the passer-by whom we convinced to sell his jacket and the other passer-by whom we convinced to buy it for \$2 more, we had the requisite money. After parading around with a string of 50 \$1 bills stapled together and dangling it off of Firestone (what, you people down there cant reach it? Aww, too bad!), we successfully spent it all on 1 item per letter of the alphabet, the main one, of course, being lunch for L, and returned within the hour. Thanks again, Peter, for a very tastefully done stack, and to all seniors for their great time and effort.

Other random comments:

-Batman and his batgroupies saved Gotham, but they let the joker get away (i expect he'll be back soon).

-Very nice acting job, Dan, though it seemed to go unnoticed.

-Quote-o'the-day: "I'll do ANYTHING, no matter HOW kinky!"

-Are there even 20 guys in all of Pasadena under 5'4"??? I think the EE project sounded like an easier task...

-Amidst screaming ewoks, the 23rd brigade got past enemy lines and completed their mission. -"Use the Mavericks, Luke!"

-This is a gratuitous mention of Tom Tromej.

-To quote the inestimable Dobber himself, "too much of a good thing is never enough."

This has been an Akbar and Jeff Publication. Fnord.

-Freemason EvilSquid, K.S.C.

DITCH DAY

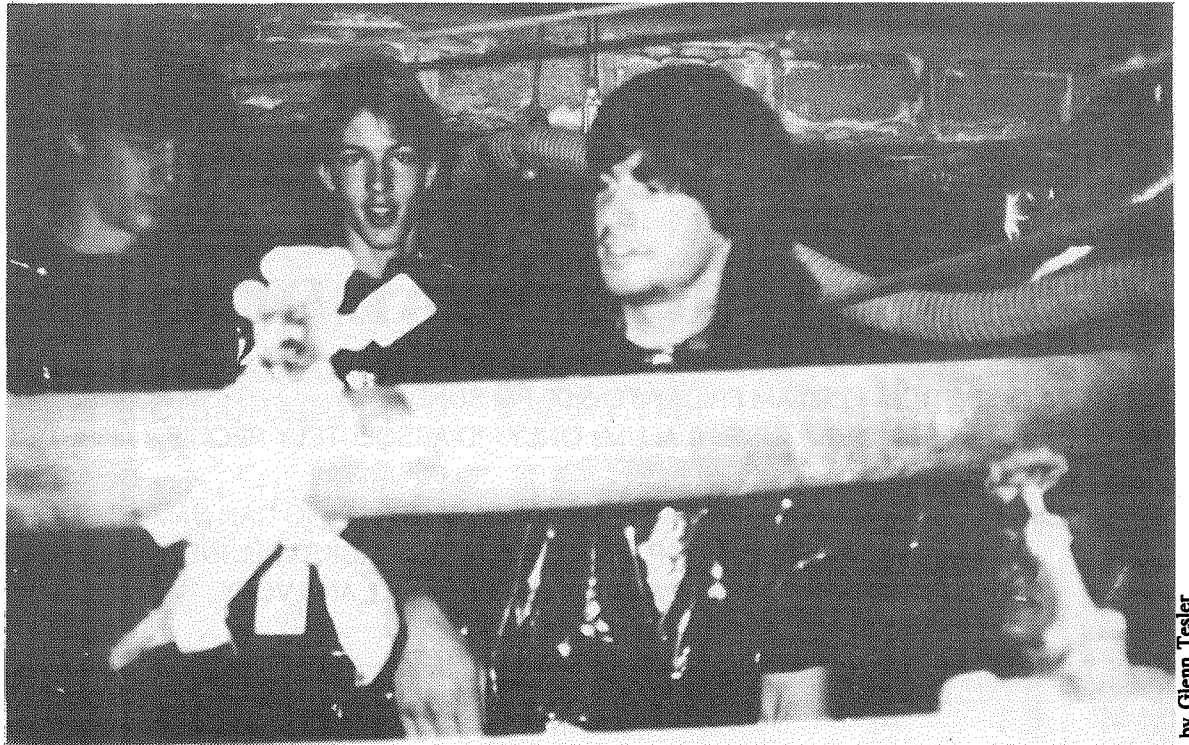


photo by Glenn Tesler

Scurves blast Ewoks with the "Nukem laser cannon" in Dan Raguin, Laura Smith, and Andrew Kalazniacki's stack, "Return of the Jedi Part II: Extermination of The Ewoks"

Page House

Since Page apparently did not feel that any of its stacks were worthy of being reported, the editors were left to write this section. Obviously, the stack that brought the most attention was the **Ray Hu, John Bowers, Steve Errea, Wayne Perley** 9,000 pound, 600 dollar brute force monstrosity. After piercing a thick layer of steel

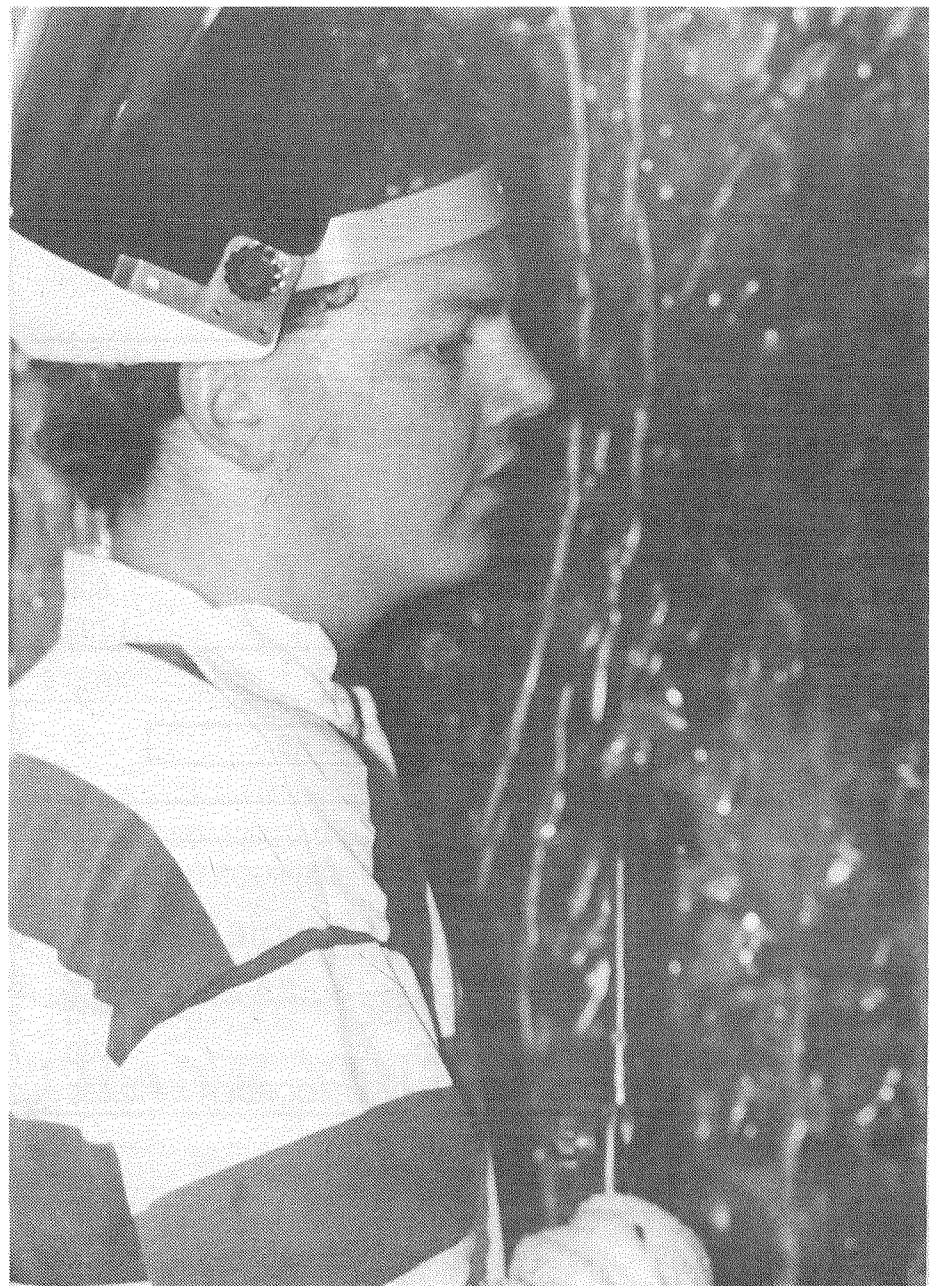
with an acetylene torch, drill, LN2, and sledgehammer, those people working on it were forced to contend with over a foot of steel-reinforced concrete with layers of wood behind. While jackhammering through the concrete, steel bars, door hinges, cans of beer, and a pocket of shaving cream popped out. At 4:30PM, they

tried torching the wood, only to find there was sawdust inside, which almost caught on fire. At 5PM a triumphant John Bowers returned. When asked how he was going to get in his room, he said "I'll give you guys an extension." I didn't stay around for the rest, so ask someone in Page for the rest of the story.



photo by Marc Turner

A group from Ricketts completes the Peter Lindstrom Memorial Stack.



The awesome Page brute force stack left Bob Maher, Dwight Berg and others stymied

GNP's 9th ANNUAL DITCH DAY SALE MAY 26-28

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COMPACT DISK PLAYERS

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
2	GNP	SM 5		200	129 ND
2	GNP	SM-6		269	179 D
1	GNP	SM-B-1	5" 2 WAY BEXTRENE WOOFER	399	199 U
3	GNP	MODEL 1	PROTOTYPES	450	199 D
7	GNP	SM-62		400	219 ND
1	GNP	MODEL 2	PROTOTYPES	650	229 D
3	GNP	SM-82		500	269 ND
2	GNP	MODEL 1	SCRATCH-N-DENT	399	289 ND
1	MIRAGE	360		350	315 N
21	GNP	MODEL 1	2 WAY POLY W/1"DOME	399	319 ND
1	GNP	MODEL 1	8" WOOFER SYSTEM	450	360 ND
1	MIRAGE	760		500	425 ND
2	GNP	MODEL 2	SCRATCH-N-DENT	650	455 ND
21	GNP	MODEL 2	6.5"(x2) WOOFER SYSTEM	625	500 N
1	MIRAGE	460		600	510 N
21	GNP	MODEL 2	3 WAY TIME ALIGNED	650	520 ND
1	GNP	VALKYRIE	SERIES II-GLOSS	3,995	2,750 D
21	GNP	VALKYRIE	SERIES II	2,145	1,716 ND

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	MITSUBISHI	DP-209	BASIC CD	280	89 D
1	KYOCERA	DA-610	PROGRAMMABLE/RAND	550	199 U
1	MITSUBISHI	DP-211	BASIC CD W/ REMOTE	280	199 D
1	LUXMAN	D-90	PROG/REM	450	209 B
10	LUXMAN	D-111	PROG/REM 5 YR WARRA	380	239 B
1	DENON	DCD-610	BASIC/PROGRAMMABLE	300	249 D
2	DENON	DCD-810	PROGRAMMABLE W/ RE	480	266 D
2	NAKAMICHI	OMS-1A	PROG/REM	350	291 ND
2	LUXMAN	D-113	PROG/REM 5 YR WARRA	650	389 B
10	LUXMAN	D-112	PROG/REM 5 YR WARRA	550	389 B
2	MITSUBISHI	MT-4100	STACKING CD 4X OVERS	530	449 ND
2	NAKAMICHI	CDP-2A	PROG/REM	550	457 ND
4	DENON	DCM-777	STACKING CD W/REMOT	700	599 ND
5	LUXMAN	D-117	TOP/LINE 5 YR WARRAN	1,000	488 ND
2	DENON	DCD-1420	20 BIT 8X OVERSAMPLIN	600	499 ND
2	DENON	DCD-3520	"AWESOME"	1,500	1,049 D

TURNTABLES

CARTRIDGES

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	DENON	DP-23	D DRV/AUTO QUARTZ AUTO	300	199 D
1	SYSTEMDEK	IIX	WITH SYSTEMDEK TONEARM	559	399 D
1	VPI	HW-19	MARK II REGULAR	1,040	699 D
1	ORACLE	DELPHI 11	BLK/GOLD W/E.T. AIR BRG AR	3,195	2,399 D
1	ORACLE	ALEXAND	W/ TONEARM	1,395	1,116 D
1	WELL TMPR	WTRP	BRAND NEW ITEM!	899	749 N
1	WELL TMPR	WTAT	GREATLY RATED!	1,799	1,299 ND

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
2	GRADO	ZTE+1	MOVING MAGNET	25	19 N
3	GRADO	XF3E+	MOVING MAGNET	66	39 N
4	GRADO	ZF3E+	MOVING MAGNET	69	49 N
4	GRADO	ZF2+	MOVING MAGNET	86	69 N
2	GRADO	ZF1+	MOVING MAGNET	110	79 N
2	DENON	DL-160	HIGH-OUTPT MOVING CO	115	99 ND
2	DENON	DL-301	MOVING COIL	169	129 N
1	AQ	CARTG	MOVING COIL	?????	150 N
1	GRACE	F9E SUPR	GREAT!	250	189 ND
1	GRACE	F9E RUBY	GREAT!	395	289 ND
1	SIGNET	OC-9	MOVING COIL	700	399 ND
1	KISEKI	PPL.HRT	SAPPHIRE MOVING COIL	975	689 D
1	ALCHEMIST	DTI	M/C HO DIAMOND/Ti	1,200	749 D

TAPE DECKS

SIGNAL PROCESSORS

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
1	YAMAHA	RX-200	IT WORKS!	350	149 U
4	LUXMAN	K-111	DOLBY B/C	380	319 ND
2	DENON	DRM-700	3 HEAD SYSTEM REMOTE	400	349 N
2	LUXMAN	K-105	3 HEAD	600	399 ND
4	LUXMAN	K-112	AUTO-REVERSE	600	399 ND
2	NAKAMICHI	CR-4A	DOLBY B/C	1,000	799 ND
2	LUXMAN	KD-117	DAT DIG. AUDIO RECORDER	2,500	1,299 D

#	BRAND	MODEL	COMMENT	REG\$	SALE\$
3	AUD CNTRL	VC-1	EQ 4 AUDIO AND VIDEO	249	49 U
3	DENON	AVC-2000	VIDEO CNTRL INTG AMP	1,000	799 ND
3	LUXMAN	F-105	SURROUND SND PROC	600	489 ND

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AMPLIFIERS (POWER/INTEGRATED)

RECEIVERS

#	BRAND	MODEL	COMMENT	REG\$	SALE\$	
2	LUXMAN	L-210	INTG 35 W/CH	300	129	B
2	DENON	PMA-250	INTG MASSIVE POWER SUPPL	300	169	ND
1	LUXMAN	L-430	INTG 100 w/ch	530	289	B
1	PROTON	AA-1150	PWR 50 W/CH	489	299	D
5	LUXMAN	LV-103	INTG TUBE/HYBRID	650	369	B
1	LUXMAN	M-02	PWR 150 w/ch	800	399	B
1	LUXMAN	M-113	PWR 50 W/CH	600	489	ND
1	CONRAD JS	MV-45A	PWR TUBE 45W/CHANNEL	ALOT!	499	U
2	LUXMAN	LV-105	INTG TUBE/HYBRID	900	499	B
1	DENON	AVC-2000	PWR INTG 100/20 VIDEO	1,000	799	ND
1	AUDIO RSCH	D-70mkII	PWR TUBE 65W/CHANNEL	2,000	999	U
1	DENON	PMA-1520	PWR 120 w/ch DIGITAL	1,500	1,199	D
1	BOULDER	500	PWR 150 W/CH BRIDG > 500W	3,695	2,402	ND

#	BRAND	MODEL	COMMENT	REG\$	SALE\$	
1	MARANTZ	2230	30 W/CH	380	139	ND
6	DENON	DRA 25V	25 w/ch DIGITAL	300	219	ND
2	LUXMAN	R-113	HIGH CURRENT 35w/ch	480	289	B
4	DENON	DRA 325R	35 W/CH DIG REMOTE	350	298	N
2	NAKAMICHI	TA-1	35 W/CH	349	299	ND
1	DENON	DRA-425	50W/CH REMOTE	450	383	ND
2	LUXMAN	R-113	HIGH CURRENT 35w/ch	480	389	U
2	NAKAMICHI	TA-2A	50W/CH REMOTE	550	468	ND
1	PROTON	AI-3000	REC/CASS/CD W/REMOT	1,000	689	ND
2	LUXMAN	R-115	HIGH CURRENT 70w/ch	850	723	ND
2	NAKAMICHI	TA-4A	100W/CH REMOTE	1,200	876	D
1	LUXMAN	R-117	HIGH CURRENT 160w/ch	1,200	999	ND

PREAMPLIFIERS

TUNERS

#	BRAND	MODEL	COMMENT	REG\$	SALE\$	
1	LUXMAN	U-100	LINE DRIVE REMOTE	300	169	D
1	PROTON	1100	A GREAT VALUE	289	199	D
1	PS AUDIO	4H	W/SEPARATE PWR SUPPLY	725	249	D
1	DENON	PRA-1000	SMOOTH	500	289	U
2	B & K	PRO 5	CANADIAN VERSION	399	359	ND
2	FORTE	MODEL 2	W/SEPARATE PWR SUPPLY	890	749	B
2	NAKAMICHI	CA-5A II	HIGH END W/ TONE CTRL	1,095	876	D

#	BRAND	MODEL	COMMENT	REG\$	SALE\$	
3	LUXMAN	T-100	DIGITAL PRESETS	250	139	B
1	LUXMAN	T-240	DIGITAL TUNER	229	149	B
1	LUXMAN	T-102	DIGITAL PRESETS	375	169	B
5	LUXMAN	T-02	RATED A "BEST BUY" @	500	189	B
2	DENON	TU-460	DIGITAL TUNER	300	199	ND
1	DENON	TU-800	TOP OF THE LINE!	500	349	ND
1	LUXMAN	T-117	DIG PRESET TOP/LINE	600	379	B

VIDEO

MISC AUDIO ACCSY

#	BRAND	MODEL	COMMENT	REG\$	SALE\$	
4	MITSUBISHI	HS-U20	VHS 4 HEAD REMOTE	549	299	ND
5	MITSUBISHI	CS-2060	20" STEREO TV	549	389	ND
5	MITSUBISHI	CS-2058	20" STEREO TV	549	389	ND
1	MITSUBISHI	HS-U30	VHS 4 HEAD REM ON-SCR	599	389	D
1	MITSUBISHI	CS-2087	20" STEREO TV TOP/LINE	899	499	D
4	MITSUBISHI	CS-2657	26" STEREO TV	899	689	ND
1	PROTON	VT-290	BEST 27" STEREO TV! RGB	1,349	699	D
1	PROTON	VT-210	BEST 20" STEREO TV! RGB	900	699	ND
1	PIONEER	CLD-1030	LASER DISC PLAYER	900	789	D
1	MITSUBISHI	HS-423	VHS S-VHS HIFI W/2 SHOW	1,399	799	ND
1	MITSUBISHI	HS-U70	VHS S-VHS HQ HIFI	1,099	899	ND
1	MITSUBISHI	VS-414	40" STEREO TV	2,699	1,999	N
1	MITSUBISHI	VS-466	45" STEREO TV	2,899	2,499	N

#	BRAND	MODEL	COMMENT	REG\$	SALE\$	
ALL			ACCESSORIES (EXCEPT CABLES)	20%	OFF	N
ALL			MODELS NITTY GRITTY	15%	OFF	N
ALL			RECORDS & COMPACT DISCS	AS	MARKED	
ALL			TAPE	AS	MARKED	
6	PROTON	320	CLOCK RADIO	129	89	ND
6	NAKAMICHI	TM-1	STEREO CLOCK RADIO	139	119	N
4	TERK	PI	ELECTRONIC ANTENA	89	69	ND

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THANK YOU FOR COMING!

Ruddock

Things started fast and frantic and stayed that way all day. Underclassmen woke to find two space shuttles, a plasma ball, and a demonic possession awaiting them. The stacks were tough, and often tasteless, but perseverance earned rewards.

The expedition to Mateo's Moon began with Mateo baring his buns to an unwilling Veep who moistened them with latex paint as Mateo stamped out team flags. The image flew all over campus, embedded itself on San Pasqual, and finally made the five o'clock news! Meanwhile, curious people watched the figure bound to the wall of the PGR thrash and utter demonic moans. They began the ritual to free the tortured soul by gathering perverse clay idols from the campus. People set up to invade Nasa headquarters and to power down the flashing, sparking chamber. People were tortured with various tasks imitating that work of art, "Back To The Future", and weaponed warriors armed with dart guns began to attack a' la Calvin and Hobbes. Other sundry puzzles involving photos, music, and sexual positions provided frustration.

Later in the day, things began to get serious. After a ritual, and force feeding of Tommy's and

spaghetti, the possessed figure spewed chunks at his saviors, against the far wall, and then died a permanent death. Wile E. Coyote sent a rocket powered skate board down the Olive Walk in pursuit of the Roadrunner. The Mateo's Moon crew sent a robotic camera and arm into a cave to retrieve puzzle pieces. After using the puzzle to open a door, they proceeded to hot wire open the air lock. This task was hindered by the fact that it was done under two feet of styrofoam on top of two feet of water in a tank. Other people collected clues, imitated George McFly, and tossed electronic equipment off of Firestone. All of which contributed to a successful day for the underclassmen.

The power room was powered down and awesome bribes were found inside. Mateo's Moon crew made it safely back to Earth, and Nasa's Rocket Space Shuttle was illicitly launched. After a day providing exhaustion, it was time to rest. Everyone opted for the bribes, and gorged themselves on beer and candy. Vic fell asleep in his airlock turned hot tub, and no one bothered to clean up. And even when this new paint fades from San Pasqual, this Ruddock Ditch Day will be remembered by all.



photo by Marc Turner

Wile E. Coyote is being rocketed down the Olive Walk as part of a Ruddock stack.

Dabney

Agents of the British Secret Service awoke early Thursday morning to find the forces of evil had been tampering with Dabney House. The combination to the entrance of headquarters had been reprogrammed and the automatic machine guns manipulated to shoot whomever entered. What to do?

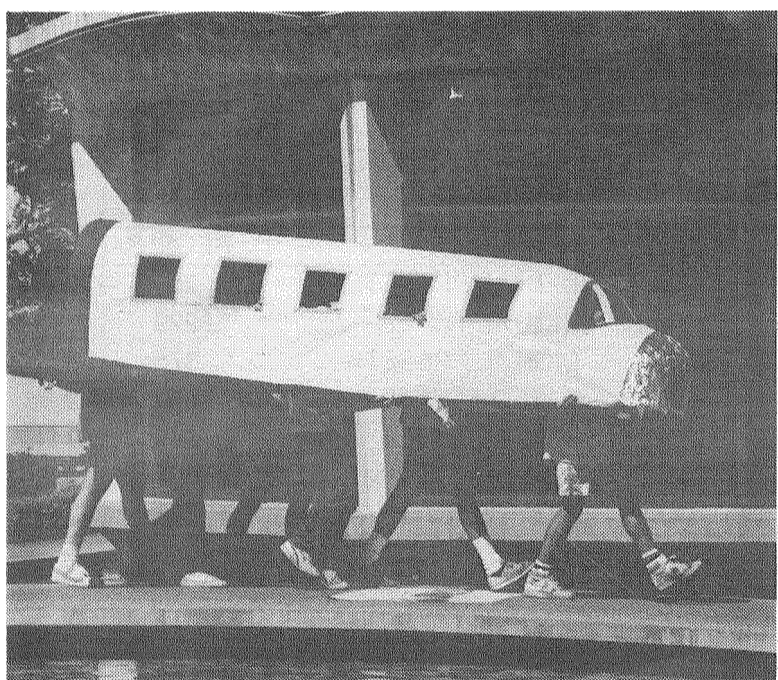
The first clue pointed the agents in the direction of Professor Aaron whom they were to escort to the bookstore while fending off any possible assassination attempt. Despite the Brits' precautions, the CIA ambushed them in a blood bath.

Meanwhile, the engineers were collecting scattered pieces of a robot needed to disarm the machine guns once the door to headquarters was overcome. Further clues led the operatives to enemy agent Padfoot, the possessor of sensitive information valuable to their cause. After a gripping car chase through the streets of Arcadia and a run in with the San Marino police, Padfoot was liquidated in a showdown on the front lawn of a quiet suburban home while incredulous neighbors looked on.

The information thus gained warned of a thermonuclear device

somewhere in the stacks of Millikan Library. Now allying themselves with the CIA, the British operatives retrieved the bomb minutes before its scheduled detonation, much to the relief of the library staff.

Following various strands of the puzzle, operatives at the home-base were simultaneously able to overcome the reprogrammed lock and disarm headquarter's security system. Being good sports, the enemy had left a plethora of munchies inside which were abandoned by the British operatives in favor of a victory dinner of Avanti's pizza.



The Ruddock Space Shuttle takes a risky voyage over Millikan Bridge.



photo by Matt Fetterman

Batman's sidekick, Robin, annoys a shoe salesman at the Plaza Pasadena.

DITCH DAY

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Blacker

Nothing is impossible on Ditch Day.

"There's no way my picture is up there." This was a common response to a part of our RA's stack (yes, they're "graduating" this year), which consisted of baby pictures of most of Blacker's students. Apparently John and Lynn called our parents and asked them to send the pictures, which had to be identified by stack-breakers.

Six other stacks (the House of the Month stacks) consisted of efforts designed to destroy the six facets of the BOGUS organization for undergraduate sterilization. Each group of stack-breakers failed to capture the enemies, who all escaped to the BOGUS space platform. But the groups combined in the end to hook individual parts to a box in Blacker Courtyard, which then launched a rocket that blew up in mid-air. Returning to Headquarters, the breakers discovered that the rocket had destroyed the BOGUS platform, which in turn crashed down upon them in a brilliant flash of light. They then realized that "life after death" means a wonderful bribe.

A stack planned "slightly before Wednesday night" had a series of mazes which had to be solved and arranged (see picture). The clues

led the stack-breakers to scrape away part of a mural painted last fall. On a sheet of paper taped to the wall was the combination to the senior's room.

Many underclassmen had to run all over campus. Others had to bike. One stack had a stationary bicycle hooked up to a computer. The computer was programmed with a map of campus; wherever the computerized biker stopped, there was a clue. The stack-breakers went to those places to find the clues hidden in cereal boxes.

Water balloons were thrown. Whipped cream pies were flung. And other stacks were even more cultural. One included studying paintings and creating works of art. It also included having the breakers promote a Blacker House band's fan club. Other cultural stacks were based on photography, contract bridge, the cinema, and music. One of the music stacks included a CD player with a mechanical arm to take the CDs out of their cases, load them into the player, and select songs (see picture).

All in all, tomorrow was yesterday.

Nothing is impossible on Ditch Day.

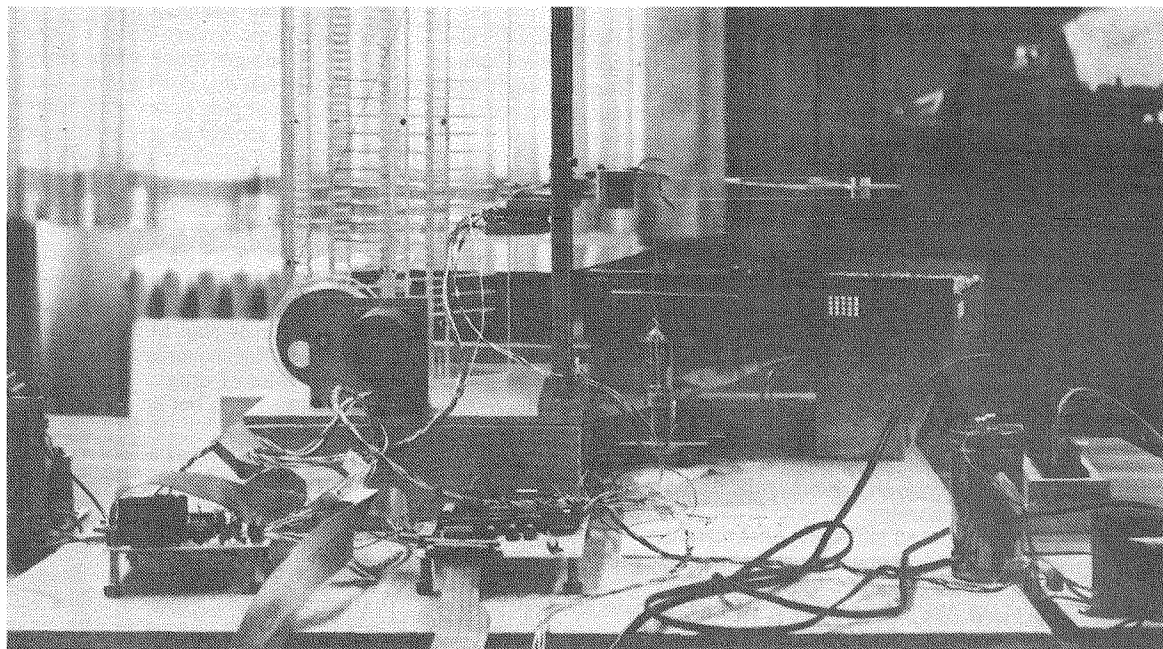


photo by Craig Volden

Dave Cole and Tim Horiuchi's CD stack has a mechanical arm for a CD changer..

Lloyd House

"Lock the door behind me!" were the last words senior Karen Oegema said, as she narrowly escaped out of the window several minutes after 8:00 on Thursday morning and ran for a waiting car. Bill Mitchell and Karen's colorful chemistry stack proved to be a

challenge. Chemical reactions gave clues to a color-code lock on the outer door. After opening several more doors down a narrow tunnel through Bill's room, the underclassmen went on a wild goose chase around LA, finally finding the key in San Pedro with little time to spare. The last door spilled five pounds of jelly on Albert Lee as he forced it open.

Across the hall, Raleigh Chiu and Phil Lee's door was crowded with locks, gears, envelopes, a television screen, a VCR, and a mysterious keyboard. The underclassmen assembled Raleigh's tennis ball machine, and successfully shot tennis balls off of Firestone into the target below. A group spent most of the day solving the movie questions, and unfortunately got stuck on one crucial problem that prohibited them from entering until just after 5:00. When the final switch was thrown, an alarm in the center of the door sounded and the door glided back

smoothly.

Carol Mullenax, Tom Bewley, and Bassem Mora worked hours into the night on a spectacular stack involving trains, cars, computers, stereos, and several doors, only to have it break down minutes away from completion, to the disappointment of many.

John Haba, Sean Hillyard, Terence Yeh, and Alan Lee's Batman stack completely blocked off Tropically with its three doors. The underclassmen watched carefully all day for the Batsignal, and traveled all around Pasadena in their efforts to defeat the Penguin, the Bookworm, and the Joker. The first door was opened early in the day, but the second proved to be much more difficult. A highlight of the day was Mike Ida's transformation into a potato.

Walter Chong, Ahn Tuan Le, and Keith Miyake's stack was a mixture of Hawaiian trivia and the infamous game of Tetris. Chains of

continued below-left



Mike McDonald's maze stack had people searching their wallets.

from above

photos of mysterious campus locations led to large game pieces, which were assembled on big alphabetical Tetris game boards. Just in time, the key was found just a few feet from the door.

The reported death of Keith Rosema was a major attraction of the "Corona Affair", a stack at Lloyd's off-campus alley. Garrett, Phil, Carol, and Chyuan's half of the stack consisted of a series of tasks, which eventually revealed obscure hints about the locations of eggs all over campus. Each egg contained a key hidden in increasingly disgusting liquids. This egg hunt led to the entrance to a secret room, where a map and a Simon game (suspiciously resembling a certain EE91 project) were found. These provided the final clues to the completion of a homicidal robot in the other half of the "Corona Affair", devised by Rich Dekany and Paul Searcy. For this part, the participants relived some of Rich and Paul's favorite events of the last four years, and gradually accumulated clues towards Rosema's disappearance. Both Corona stacks came to a dramatic climax when Rosema's coffin was dug up from six feet under Corona's backyard.

photo by Craig Volden

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over the wall

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Blacker

Lately there's been a decided disrespect of the Blacker Hovse dinner rules. All inhabitants of room 60 are invited to show up to dinner. Chris Cuzanza is the "man on the lam." The last reported sighting was Tuesday night when he showed up to brush his teeth and then left. His roommate hasn't seen him in over a day. (Maybe he's in the Allen Wong Dabney vortex?)

Alley dodge frisbee is best played in Vatican (not my alley yet), but get out quickly if you do since they're armed and dangerous. The final score: Vatican 2, Hell 2 with casualties. But Kevin was "doing his physics and math" at the time, so he wouldn't know.

Blacker's newest off-campus alley on Catalina has been christened Rose Villa alley (but Miguel will call it whatever he wants.) We wouldn't have thought of calling it that if we hadn't found this sign in the lounge. I think they grow there.

Blah, blah, ditch day, blah. John Hart is a dead man. BTE narrowly managed to escape a victory at the hands of the Fleming Enterprise for Inferior Football. However, had the game been three quarters long, the Black bug would have triumphed yet again.

Marty, come home. Jon Hamkins is looking for you. Randy and betina are cleverly avoiding the need for lots of food by getting married at 8:30 in the morning. Sign-up in the lounge. The T-shirts should be available next week. And the Marc Abel marriage countdown continues. The Associates' Tea is over, but what was that blue stuff? (Miguel says pureed Smurf.) Nice job, Mike. The alleys of Blacker were once again graced by the presence of the Hand. We'll miss Walker, but we can have another roompick (Bring a deck of cards, Pete.)

Chris, come home. The waiters are looking for you.
-Burnt and the Red-Haired Frosh from Hell

Dabney

I enter the lists with a bunch of lists this week. (If you don't get that reference, ask someone in the Medieval Renaissance Society.)

How to Quell Free Speech at Caltech

1. Hang around the Tech office a lot, watching everything that is put in the paper.
2. If the editors won't cut something out, call the office who prints the paper, News-Type Service (247-4218: see, I'm even making it easy for you), say you're one of the editors, and request that a certain portion of the paper be deleted.
3. If you really want to be effective, call and whine to the Deans. They'll pressure the writers and try to make them destroy all copies of the "offensive" material.

Though I wasn't the target of such totalitarian tactics (last week, anyway), I still can feel solidarity for the other Inside World writers who don't candy-coat things to please the administration.

Social Events of the Weekend

1. Friday night is the Band-Off Rock-Til-You-Drop Day Party. With two free bands playing, the Phlegms won't be getting to sleep very early. Of course, the golden rule of bands applies: you get what you pay for.
2. Saturday is the 60 Baseballs Trip. Come out and watch Todd Kaplan froth at the mouth and roll around on the floor of the bleachers as the Mets lose to the Dodgers.
3. Sunday is the RA Barbecue II. Come taste meat that has been barbecued by someone who knows how to barbecue, and who cleans the grill before he cooks the meat!

Things We Learned at Capra Ranch (and Other Places) This Weekend

1. How high the sky is, what wonderful force keeps a soap bubble together, what a dog is, why a wasp doesn't die of its own poison, etc., etc.
2. Dirk's nipples are always erect (though we didn't find out why).
3. Jerome's attention span is about fifteen seconds, unless he's talking about the philosophy of fruit.
4. Everything Robert Hanna tries to accomplish turns to dust.
5. Places that sell whips and chains aren't open on Sundays.

6. Ditch Day was yesterday.
7. The Honor System doesn't apply to poker.
 - 7a. Don't get drunk while playing poker.
 - 7b. If you do, don't get up and leave your chips unattended.
 - 7c. Never play poker with Robert Hanna, not unless you want him to win enough money to pay off the national debt.
8. President Everhart may soon meet his match in one Sandra Hanna.
9. Jennifer Low's squeals of passion cannot be heard from outside a sealed bomb shelter. Therefore, they are quieter than a nuclear attack. (However, this may be a moot point. Almost no squealing loud enough to extend farther than Dave Wood's room has been heard recently. Perhaps the quality just isn't what it used to be, and old Diamond-Dick Dean isn't all that Bo described.)
10. The Honor System doesn't apply to Monopoly.
 - 10a. Never play Monopoly with Jon Hamkins.
11. Capra Ranch can be fun without a lot of drugs, though perhaps not as fun as with a lot of drugs.
12. Jon can run, but he can't hide. Miriam can reach him anywhere by telephone.
13. Robert Hanna in particular learned about several Dabney women's breasts. You really shouldn't do things like that when they're sleeping, Robert.
14. Tien has cooked so much that she accidentally stuck her hair in a waffle iron in a fit of frying frenzy.
15. Some people think I'm a gossip monger. (Can you believe it?)

Senior Send-offs

Danny Rintoul, Physics. Danny will be attending Purdue in the fall. Though he is unsure of whether he wants to pursue a graduate career in theoretical or experimental physics, he is sure that he wants to be a TA. He also hopes to teach after he gets his graduate degree. I certainly hope that when he comes to teach, he hasn't packed away a couple of Old Milwaukee before-hand. Come to think of it, perhaps Danny's lectures would be better that way. I wonder if they have a Crew crew at Purdue.

Paul Rubinov, Physics. Paul is going to a Stony Brook University. Paul is very clear about his future plans. He is going to continue to make undergraduates' lives miserable, a trend he has started as a Phys 3 TA. Specializing in experimental physics, he will be working on fusion at room temperature in a jar of worms. Just make sure the room temperature is a couple of million degrees, Paul. Otherwise, you'll be totally humiliated in your profession, not receive your doctorate, and end up like Don Skelton, ruining undergraduates' lives. Or is that the plan? However, Paul will be pursuing a Master in Instrumentation degree, which involves Paul making thermometers.

Brian Lemoff, Physics. Brian is counting the days until he is only a theoretician. Brian is quoted as saying, "Experiments are for balding wimps who eat worms." Alley 5 will miss Brian. No more gold slinky, no more barbershop quartet songs bellowed from his room, and most importantly, no more ink-filled showers. Of course, random carolers from other houses can now rest assured that they can once again sing in Dabney House courtyard without having someone call Security on them. Brian is going to Stanford and may live with Don. Of course, let's hope Michael Landon and Bert from Sesame Street don't move in next door, or there will be confusion galore.

Don Huntington (Who's That?), Engineering and Applied Science. Don's going to San Diego State University to major in aeronautical engineering. It may not be his first choice of university, but he's happy since he will have some of sort of TA position there. Of course, his departure will spell doom to many youngsters who migrate in and out of Alley 3 to be tutored by Don. Most of them are male and probably won't be able to find another tutor here, since Dave Wood won't tutor anybody he can't eventually seduce. Also, the robotics SSSSSSSSP course will just not be the same without Don. In fact, they might actually use metal to make their robots now.

-Darburetor

Magic's Pawn

by Nick Smith

Magic's Pawn
by Mercedes Lackey
DAW paperback, \$3.95

Mercedes Lackey is sort of a "Renaissance woman" of fantasy. As far as I can piece things together, she began writing songs that were set in a medieval fantasy setting. She then wrote the stories that surrounded the songs. Eventually, she began writing the novels surrounding the stories. By the time her first novel came out, she had quite a following, just from the songs and stories. By the time of her fifth book, DAW books was already including plugs for a fan club for her works, a thing normally reserved for more well-established authors, like Katharine Kurtz or Marion Zimmer Bradley.

With her sixth book, *Magic's Pawn*, Mercedes Lackey has written a prequel to popular Valdemar series, *Arrows of the Queen*, *Arrow's Flight* and *Arrow's Fall*. The good news is that, like her other books, it's good. The bad news is that it is the start of a trilogy. She's a fast writer, but the planned release dates for the next two volumes are winter, 1989 and summer, 1990.

For those of you not familiar with the works of this fantasy author, her books to date all take place on a single world, one in which "magic" takes two basic forms. One is the relatively 'traditional' magic that you find in many medieval fantasies, and is used by the main characters in *The Oathbound* and *Oathbreakers*. This includes magicians weaving spells and various forms of 'divine intervention' by the powers that be. The other form is less usual in a fantasy setting, since it would be more commonly called 'psionics' in a science fiction story, much like the workings of Marion Zimmer Bradley's *Darkover* series. Various inherent mental powers are manifested by the Heralds of Valdemar and others in that same domain.

Magic's Pawn is subtitled "Book One of the Last Herald Mage" (i.e., the guy is trying to handle both kinds of magic. This is roughly akin to doing AMA 95 homework while driving in the Indy 500: it's both an unlikely combination and amazingly dangerous. It's not impossible, mind you, but there is a good reason why the main character is the last Herald Mage, right, or there wouldn't be a plot.

Vanyel has the basic talent to be Mage or Herald or both, but isn't thrilled about the whole thing. He isn't afraid to defy convention or to try to make his own choices, but his family situation is tradition-bound and inflexible. For instance, Vanyel gets beaten to a pulp for wanting to learn other useful styles of sword-fighting besides just standing and whomping each other on the head. And so, his family places him in the hands of tradition-bound and inflexible tutors, in the martial arts and in magic, and all hell breaks loose. Almost literally.

I think you will enjoy this book more if you have already read the other Valdemar books, but you can pick up things as you go if you haven't. It's good, and will probably leave you annoyed that the other two books aren't out yet.

The author, Mercedes Lackey, will be in Pasadena this Saturday, May 27, signing this and her other books at Planet 10 bookstore at 79 N. Raymond. The autograph party will be from 2-5 pm.

Bus Color Change


[RTD]-RTD buses will gradually take on a new look over the next four years as the familiar red, orange and yellow stripes give way to two larger red and yellow stripes on an all-white background.

The Board of Directors unanimously approved the new design in an effort to lower the cost of repainting vandalized buses. The design eliminates the use of decals and utilizes paint which is more easily applied and removed.

"This change won't occur overnight," said Gordana Swanson, RTD Board president. "Our goal is not a quick fix, but a long-term money saving effort that will make it easier for us to keep our feet clean of graffiti." The new plan also will allow repainting three instead of two buses a day.

The design will feature an all-white bus with two stripes of red and yellow. The RTD logo will remain unchanged.

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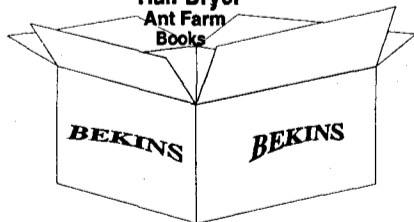
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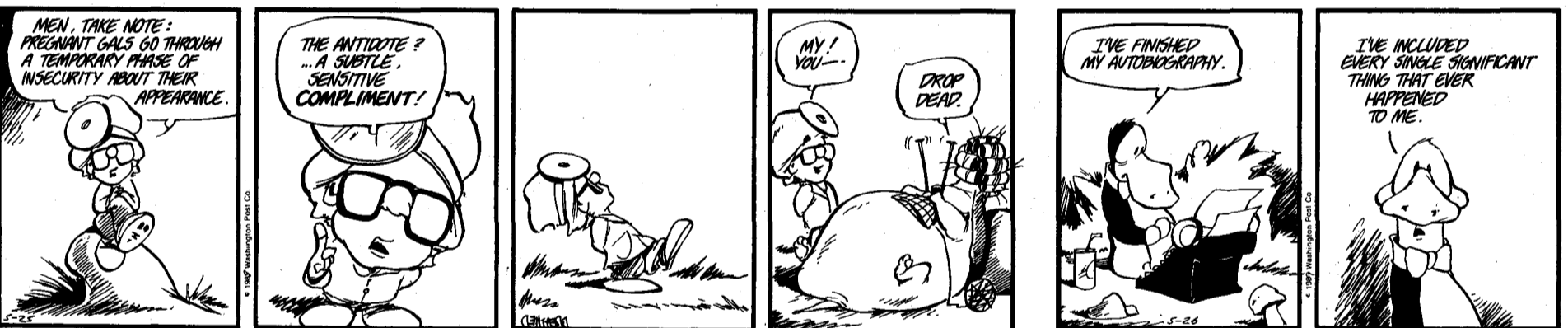
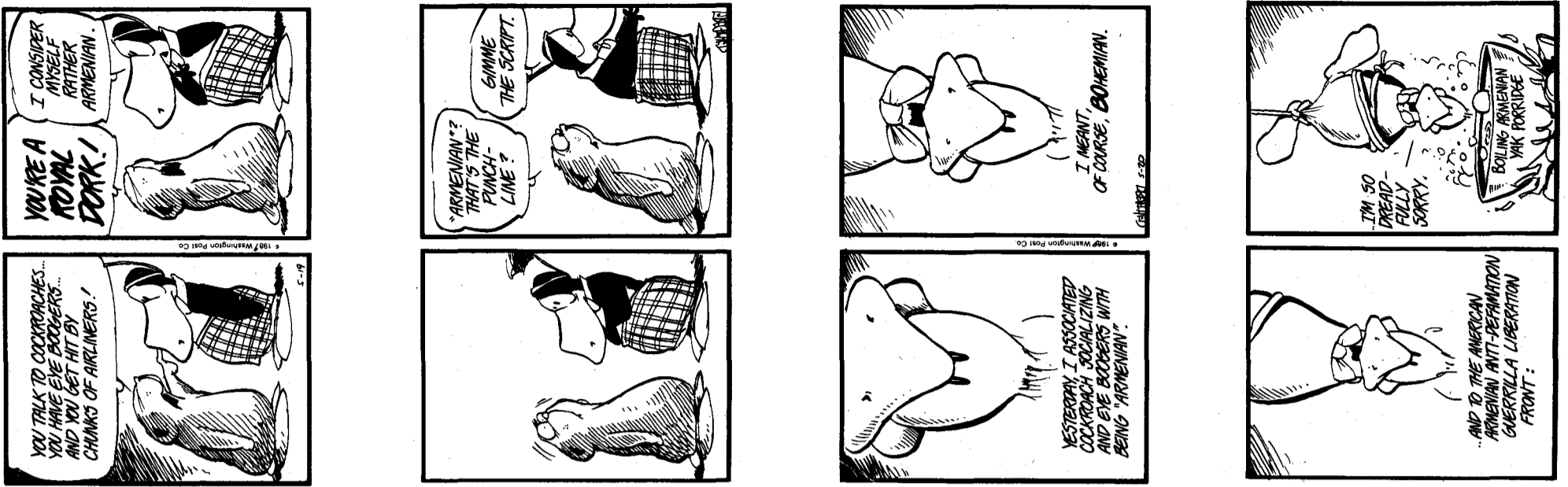
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Tanning Party

Come one, come all, to the 8th annual Tanning Invitational, this Saturday, May 27 at the 150 S. Chester apartments, from 11 am to sunset. Lots of refreshments, fun, and sun. Bring plenty of lotion and your Caltech ID cards. Early comers get the lounge chairs.

Cinematech Gets Shanghaied

The Cinematech movie feature of the week will present Orson Welles' 1948 film *The Lady From Shanghai*. In this classic film noir, Welles plays a sailor who entangles himself with a sadistic, crippled lawyer and his beautiful wife (Rita Hayworth) in a plot of infidelity and murder. The film ends with the famous funhouse shootout in the hall of mirrors at Playland, San Francisco. Shown with "The Laurel & Hardy Murder Case" (1930). The film will be shown at 7 and 10 pm in Baxter Lecture Hall. Admission is \$1.50 for everyone.

Undergraduate Awards

The Green, Froelich and Haagen-Smit Awards were presented on May 22nd at a luncheon in the Athenaeum.

The George W. Green Memorial Prize is given for original research. Rachael Clark and Randy Levinson received the Green Prize. The Jack E. Froelich Memorial Award is for an outstanding junior in the top 5% of the class. Michael Jones and Ed Ratter won the award this year. Eric Fung won the Arie J. Haagen-Smit Memorial Award, which is given to a chemist or biologist who has shown academic promise and has made recognized contributions to Caltech.

Don Shepard Fun Fund

All students who were put on the waiting list for the Don Shepard Fun Fund are now eligible to participate. Please come by the MOSH office for prior approval.

Red Door Has Summer Jobs

We're looking for a few good people to work at the Red Door Cafe over the summer. If you are on or can get work study and are looking for a fun job, call Sharon at 577-1953.

Japanese Chamber Music

There will be a lecture/demonstration of Japanese chamber music (shakuhachi koto shamisen) and court music (gagaku). This is part of MU51, *Music of East Asia* but please come if it interests you. Musicians are Mr. Suenobu Togi, former member of the Imperial Court Orchestra, Mrs. Ikuko Yuge, and Mr. Mitsuru Yuge. Price: free. When: Wednesday, May 31, 1-2:30PM. Where: Baxter Hall, Judy Library. Questions: Amy Catlin, x3614

SPECTRE in the Highlands

SPECTRE, the Caltech Science Fiction Club, will be holding its next meeting on May 31, 1989, at 7:30PM in Clubroom B/Rm 15 of the SAC. Mark plans to go over the proposed SPECTRE bylaws and we plan to shout him down. After the aforementioned activity we will watch *Highlander*. Questions: too bad! We are all too ashamed to be identified. Goodbye and be seeing you, as always, Omy little droogies...

Summer Softball

Come out and play softball this summer. Get out in the sun and meet new people, including women. Three GSC leagues are forming, A (I want to play pro ball), B (I'm OK) and C (let's get drunk and swin bats). Contact Patti Pratt at x6176 or Matt Himmelstein at 798-6572 by this Sunday if you want to organize a team. Remember: Life is not a spectator sport.

KASA Banquet

The Caltech KASA banquet will be held on Saturday, June 3 at 2:00 pm at the Buffet Palace in L.A. Note that it has been moved from dinner to lunch. For more info and reservations, contact Dong-Su Kim at x3772 or 568-9683 or at mail code 1-57.

Student Space Conference

This summer's SEDS International Conference will take place in Pasadena, from August 24th thru the 28th, in conjunction with the Voyager 2 encounter with Neptune. We will be receiving live downlink of the encounter from JPL, as well as having many other exciting activities. If you are interested in attending, please send a note to: SEDS 1989 International Conference, MS 112-58 SAC.

Y Book Exchange

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

Want To Play Games?

The Caltech Gamers meet in Clubroom 1 of Winnett Student Center on Friday nights at 7:30 pm, and on most Saturdays and Sundays at 7:00 pm. Friday night gaming is mostly Warlock, a fantasy role playing game designed years ago by Teachers. Saturday and Sunday games include Champions, Cosmic Encounters, Arkham Horror, British Rails, Empire Builders, Power Play, Nuclear Escalation, Wizard War, Illuminati, Naval War and many others.

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Polish Workshop

The Polish Language Workshop offers the opportunity to learn or review Polish in a friendly, relaxed atmosphere. It meets Thursdays from 7:30-9:30 pm in 210 Thomas September through June.

SAC Services

If you're interested in reserving a room in the SAC or Winnett, need to buy an AS-CIT copycard, want to register to vote, want info on on-campus and off-campus activities, need help planning a program, etc., there are two people in the SAC to help you. Milly Peña is available from 1-5 pm M-F in SAC Rm. 38. Nancy Matthews works in the SAC between 8 am and 5 pm and holds open office hours between 1:30 and 3:00 pm, T,Th,F.

Coffeehouse Hours

Coffeehouse hours are 8 pm-1 am, M-F and 12 noon-2 pm, 7 pm-1 am, Sat-Sun. If you have an idea for a special event, see Head Manager Barry Lind or Nancy Matthews, SAC. Also, those interested in waiting at the Coffeehouse should see Barry.

Red Cross Disaster Training

Red Cross Disaster Services volunteers are trained and ready to respond to assist the victims of any man-made or natural disaster every day of the year. Emergency food, shelter, medical attention, and other assistance is provided to disaster victims in order that they regain self-sufficiency as quickly as possible.

Citizens interested in helping their friends and neighbors may volunteer for American Red Cross and sign up for free Disaster Services training courses and workshops on various facets of disaster work.

Call the Pasadena Chapter at (818) 799-0841 for information.

Kung Fu Classes

The Chinese Martial Art (Kung Fu) classes are now on Tuesday and Thursday night, 7-9 pm in Winnett Lounge. Our goal is to learn self-defense, to build self-confidence, to develop power & flexibility, and to improve mind-body coordination. The class will be taught by Master Liplin Aug and his pupils. Master Aug studied in Shaolin Temple in southern China, and has been training for forty-five years and teaching for twenty-five years. Classes are in a variety of styles at beginning and advanced levels. New students welcome. For information, call Chong Chen, x6859, or stop by the class.

SAC Has Big T's

If you are entitled to receive a 1988 Big T and are having a hard time finding one, come to the SAC! Nancy, SAC Coordinator, has Big T's in Rm. 64. Simply sign your name on the Big T list when you take one. Note: those not entitled to receive one may also take one and be billed \$24 by the Big T.

The Red Door Café

We now have evening hours on Monday-Thursday, 7:00-10:00 pm. Stop by for cappuccino, 12 kinds of fruit juices, and home baking by Pat Robb! We're also open Monday-Friday, 2:30-5:30 pm.

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Career Development News

The Flight Systems Design and Performance Department of Rockwell International's Space Division in Downey is very interested in recruiting graduates of Caltech. Flight Systems Design and Performance is responsible for Space Shuttle guidance, navigation and control systems, performance analysis, separation dynamics, real time and off-line simulations, and real time flight support during shuttle missions. The department also supports the NASP and unmanned orbiter programs, and has positions available for electrical, mechanical and aerospace graduates.

McClure Lundberg Associates has developed the Minority Graduate Data Base. Minority juniors, seniors, graduate students, and alumni can get broad exposure to numerous public and private employers.

Attention: Pre-Med students. The University of Cincinnati College of Medicine will participate in the Early Decision Program (EDP) for the 1990 entering class. The EDP application period is from June 15, 1989 to August 1, 1989.

For more information about these announcements, stop by the Career Development Center, 08 Parsons-Gates, or call x6361.

On-Campus Summer Jobs

The Career Development Center recently asked professors and administrative offices to post on-campus summer jobs with us. Those jobs are now being posted in the Career Development Center, 08 Parsons-Gates. If you're interested or have any questions, stop by our office, or call Carol at x6361.

Play With Money

The Caltech Student Investment Fund meets every Wednesday in Millikan Board Room at 5 pm. We have over \$140,000 we use to buy and sell stocks and bonds. Profits buy pizza and soda for every meeting, and pay for dinner at year's end.

Student Organization Funding

Student organizations applying for Alumni Association funding for 1989-90 must do so before June 15. Application forms are available at the Alumni House, 345 S. Hill Ave., or by calling Karen at x6593. 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 the 1989-90 academic year.

Social Security Booklet

Social Security? Many people only know half the story. Get the whole story from the free booklet, "Social Security, How It Works For You." Call toll-free 1-800-937-2000 to request the booklet.

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Scholarships On Parade

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

The National Roofing Foundation is offering a \$4000 scholarship for full-time students enrolled in architecture, engineering, or other curriculum related to the roofing industry. Applications and information are available by contacting Aimee Anderson, Scholarship Coordinator, National Roofing Foundation, One O'Hare Centre, 6250 River Road, Rosemont, Illinois 60018.

The National Italian American Foundation is offering various scholarship opportunities to assist Italian American undergraduate or graduate students. Deadlines vary through May.

The Automobile Hall of Fame is committed to contributing to the welfare of the industry by providing assistance to graduating students interested in a career in the automotive industry. Two programs, the Outstanding Scholars Program and the Hall of Fame Resume Bank, are designed to attract promising students. The deadline is May 31.

Water Fellowships

The American Water Foundation is seeking applicants for fellowships. Undergraduate and graduate students enrolled in a degree program such as civil or agricultural engineering, agriculture, geology, law, economics, or political science are eligible to apply. The deadline is May 31. For applications, contact the Financial Aid Office.

J.F.C.S. Loan Fund

The Jewish Family and Children's Services has announced the availability of loan funds to help deserving and needy Jewish students who are residents of San Francisco, the Peninsula, Marin and Sonoma Counties. Students in all levels of undergraduate or graduate study are eligible to apply. For more information, contact the Financial Aid Office.

Rotary Foundation Scholarships

The purpose of Rotary Foundation Scholarships is to further international understanding and friendly relations among peoples of different countries. Both men and women may apply for one of the five types of Foundation Scholarships to complete one academic year of study or training in another country where Rotary clubs are located. If interested, stop by the Career Development Center, 08 Parsons-Gates, for more information on terms of the scholarship and application procedures.

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