

to judge
is human;
to punish,
divine."

The California LÉCH

"Ooh,
Beezlebub.
Cool!"

Volume XCVI, Number 30

Pasadena, California

Friday, June 9, 1995

Mark Wrighton to Speak at 101st Commencement

from Caltech Public Relations

PASADENA—Twenty-three years after receiving his own Caltech diploma, alumnus Mark Wrighton, now the provost at MIT and soon-to-be chancellor of Washington University in St. Louis, will return to campus for this year's graduation exercises, this time to deliver the commencement address. Caltech will award nearly 500 academic degrees at this year's ceremony, the Institute's 101st, which will begin at 10 a.m. Friday, June 16, on the Beckman Mall, directly south of Caltech's Beckman Auditorium. Composer Les Deutsch, a Caltech alumnus and JPL scientist, will start things off with an organ prelude, just as he has for the past 15 years, and Convocations Committee Chair J. Morgan Kousser will lead the procession of faculty, trustees, administrators, and graduating students into the Mall.

Processional music will be provided by the Caltech Convocations Brass and Percussion Ensemble, conducted by Bill Bing. The Caltech Glee Clubs, conducted by Don Caldwell, will sing a final celebratory "Hallelujah Chorus" from Handel's Messiah.

Wrighton will deliver an address titled "20th-Century Education, 21st-Century Achievement," and then the students will receive their degrees. Dean of Students Rod Kiewiet will confer 214 bachelor of science degrees, Vice President for Student Affairs Gary Lorden will award 103 master of science degrees, Dean of Graduate Studies Arden Albee will bestow engineer's degrees, and 165 doctoral candidates will receive their PhDs from the chairs of their respective divisions.

Wrighton, who received Caltech's Distinguished Alumni Award in 1992, is the Ciba-Geigy Professor of Chemistry at MIT, in addition to being provost. During his tenure as provost at MIT, Wrighton has addressed issues such as lengthening some undergraduate engineering degree programs to five years, examining the role of environmental studies in serving the larger needs of humanity, reevaluating the academic computing environment, and assessing the impact of international educational institutions on science education and research as a whole.

After receiving his PhD in chemistry at Caltech in 1972,

Wrighton joined the faculty at MIT as an assistant professor of chemistry. He served as associate professor for one year, and in 1977 he became a full professor. Four years later, he was named the Frederick G. Keyes Professor and, at the age of 32, became the youngest person ever at MIT to be appointed to a named chair. Wrighton served as head of the chemistry department from 1987 until 1990, when he was named provost.

The author of more than 400 articles and the holder of 14 patents, Wrighton conducts research that uses chemical processes to mimic photosynthesis. Recently, he has been investigating molecular electronics and their use in sensor devices.

Active in public and professional affairs, Wrighton has been elected a fellow in both the American Academy of Arts and Sciences and the American Association for the Advancement of Science. He has received a Sloan Fellowship, a Dreyfus Teacher-Scholar Award, and a MacArthur Fellowship. Wrighton has also received two awards for excellence in teaching from MIT.

He will assume the post of

Class Election Results

Junior Class President: Gina Serraiocco
Junior Class Secretary/treasurer: Dave Bacon
Senior Class President: Adil Karim
Senior Class Secretary/Treasurer: Alison Slemp

Protests must be given in writing to either ASCIT President Jon McDunn (*caribou@cco*), Chairman of the ExComm David Cuthbert (*dacut@cco*), or the Election Chairman Carrie Griffin (*carrie@ugcs*).

Contract Deadline is June 9, 1995

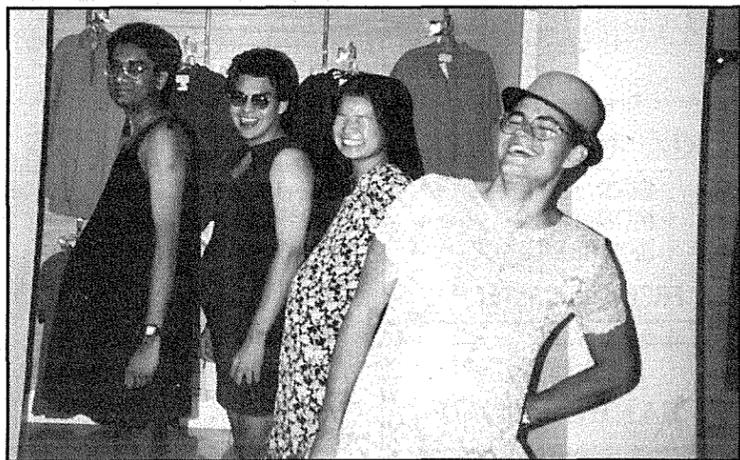
The deadline for submitting or canceling the Housing Contract for the summer and the fall is Friday, June 9. Contracts are available at the Housing Office. Students can cancel their contracts by sending mail to *biff@cco*.

If you have any questions, please contact the Housing Office at x6176.

Conducting Class

Are you interested in taking a conducting class next year? Both Don Caldwell and Bill Bing have expressed interest in teaching a 9-unit humanities class that would include music styles, orchestration, conducting theory, and baton technique. A 3-unit performing arts class is also a possibility. We need the names of people who might take the class to help convince Caltech to offer it. If you are interested, please contact *jonal@cco*, Caltech MSC 146, or extension x1635 with your name, level of interest, and suggestions.

We didn't get enough submissions to make the Ditch Day pull-out we've been talking about, but here's what we did get! Thanks to those of you who contributed!



Some Rudds got a taste of motherhood while trying to solve the Riddler Stack.

Techers Sweep Gotham

by Mike Zeineh, Vikas Nanda,
Mike Kim and Pat Yue

GOTHAM CITY—May 1995—Four biologists develop a deadly pathogen which is to be spread throughout Gotham via fast food outlets. Just prior to the completion of their research, the four scientists are mysteriously killed and all samples of the pathogen disappear. The Riddler blames Batman and Batman blames the Riddler. However, the true culprit, unknown to both stacks, lies in the background, patiently waiting for his chance to destroy both of them. Thus the stage is set for the two stacks.

The two stacks had to first

find their respective hideouts. Upon finding theirs in the wind tunnel under Braun, the Batman stackers encountered a mannequin dressed as Batman with a clue taped to its chest. After the stackers retrieved the clue, the "mannequin" suddenly animated itself, dashed down the tunnel, and in the process scared the living daylights out of the stackers (Thanks to Aron Rempel for a spectacular acting job). The Riddler stackers discovered their hideout in the room underneath the tunnels near Robinson and Arms. To enter their hideout they had to

SEE DITCH DAY PAGE 5

Alumni Association Selects Recipients of the 1995 Honorary Alumni Award

from Caltech Public Relations

PASADENA—Caltech staff member Bill Schaefer and Los Angeles Times newspaper columnist Jack Smith have been selected to receive the Caltech Alumni Association's 1995 Honorary Alumni Awards. The awards were presented at the Honorary Alumni Dinner and Annual Meeting at the Athenaeum on June 8, 1995.

Bill Schaefer retired from Caltech this year after 35 years of service during which he taught freshman chemistry, analytical chemistry, and X-ray diffraction; served as assistant director of admissions, director of financial aid, and registrar; worked on research in structural chemistry and archaeological chemistry; and led two travel/study programs (Ecuador and Guatemala), with a third planned for the Yucatan in February 1996.

Throughout Jack Smith's long career as a features writer for the Los Angeles Times, he has written knowledgeably and glowingly about Caltech. He has covered a wide range of Caltech stories, from student pranks to more serious topics such as the possibilities of time travel. A Southern California native,

Smith was born in Long Beach and began his newspaper work in the late 1930s as a sports reporter for the Bakersfield Californian. In subsequent years he worked for several papers including the Honolulu Advertiser, the Sacramento Union, the San Diego Journal, and the Los Angeles Daily News. Smith joined the Los Angeles Times in 1953 as a reporter and writer. His other accomplishments include several books and four honorary degrees. In 1991 he was awarded the Greater Los Angeles Press Clubs highest honor, the Joseph M. Quinn Memorial Award.

The Honorary Alumni Award is given annually to indi-

viduals who have given significant service to the Alumni Association and who support the purposes for which the Association was established: to contribute to the educational and cultural environment at the California Institute of Technology; to strengthen ties and contacts between the Institute and alumni; to encourage fellowship among Association members as fellow alumni of the Institute with common interests; to promote mutually beneficial contacts between students and alumni of the Institute; and to support student activities aimed at diversifying the educational experience available at the Institute.

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Letter to the Editor

Dear *California Tech*:

I am writing in response to the shock I experienced this afternoon when I went to vote in the senior class elections and found that there was no set of senior class statements, including the one that was omitted in last Friday's edition of the Tech. I decided over the weekend not to try to get the election postponed because I didn't feel that people who had read the senior class president statements would read them again either because they might not notice that there was one more then there had been the first time they read them, or because they just wouldn't care at that point. I also made this decision based on what I was told last Friday when I attended the weekly Tech meeting. I was told that there were thirty copies of my statement printed up with an apology of the Tech that were supposed to be posted in all the house lounges. If this were true, I should have seen at least four posted in my own house. I saw one, and it was on the ground. I was also told that there would be a set of statements next to the ballot boxes. I realize that this may have been denied by the ASCIT Election people, but at the very least this new set could have been printed and placed in a position as close as ASCIT would allow to the ballot boxes. I did my part by turning in my statement by the time requested by you. I also included my phone number and a promise to redo the statement on disk if the email format was unusable. I received no phone call, and no request and assumed that my statement would appear. When I discovered that this was in fact not the case, I attended the meeting and sat there why it was explained to me that my statement was received and that by some error on your part, it was not printed. I wanted to be senior class president, and if the people did not want to elect me, I could accept that with no problem, but I would have appreciated a fair shot. There is no way that I could have been given that fair chance without the statement to the Tech and when that chance was taken away from me through no fault of my own, I trusted that you would make the effort to relevel the play-

ing ground as best you could. I do not feel you made an acceptable effort to do this and I am very disappointed. I hope you realize that an apology, in some circumstances is not sufficient. Tonight you will all go home and forget about me and my statement, but I will have to live with the consequences of your actions always.

Sincerely,
Penny Muir

Penny:
We apologize for our mistake. Due to two unusual mistakes by us, our completeness check fell through and your submission was lost. After we printed the correction notices, ASCIT told us that we could not post a flyer next the election boxes.

We also feel personal pain when we make a mistake that has such an unfortunate impact. We are truly sorry.

-Editors

Dear Editors:

As a mother of a Caltech student, I would like to add my perspective of the cat-issue. When my son started at Caltech I was very surprised to find out that Caltech allowed the students to have cats as pets if they met certain criteria such as registering them. I thought it was a thoughtful policy on their part. The power of a pet to help a person who is homesick or under stress is well recognized. During conversations with my son, and from my personal observations (I am a local Mom and get over to the campus pretty often although my son lives on campus) I quickly learned that cats ruled the roost at Caltech.

The cats, sporting their collars with identification numbers, strutted around freely and had many willing 'parents' to pet them and feed them according to their feline whims. I had the distinct feeling that the students felt privileged when one of them deigned to allow them to

pet them, so royally are they treated. In fact, I felt quite honored to board two of them over the winter holiday. Caltech has been very supportive of the students having these pets; it would be much easier for them to ban them from the campus than to take the measures they do to assure that health standards are met for both the animals and the students. Knowing this background I have always had a chuckle out of the 'cat-jokes' that are in *The California Tech* newspaper. The satire is obvious when you know that cats roam the dormitories with the dignity and respect that they are accorded.

I regret that the 'cat-jokes' have offended anyone who doesn't know the inside-story. The students are being entirely satirical, even calling the cats by their names in their jokes because most all of the on-campus students know each of their names personally. I can only suggest that if anyone seriously doubts Caltech students' commitment to their feline-friends, they might take the effort to visit the campus and see what the real story is. These are kids committed to their furry friends.

Sincerely,
Karen Moran

IHC Minutes: 6/6/95

Present: Tom, Laura, Brian, Nestor, Vogel, Alison, Art, Bill, Adil and DAC

DAC (David Cuthbert) needs to form an election protest committee to handle protests, bylaw problems, small nation takeovers and other "special problems." If you are interested in this please speak with your House President.

Party news: 1 Ricketts pinball game was etched, other than that no damage, and a good weekend.

Due to extra space in the housing lottery SURFers from other schools can be moved to Marks-Braun creating more space in the UG houses.

The relatively final number of frosh is 217; we will redistribute as necessary.

Kim West wants to meet with the IHC and various members of the Administration to discuss a possible problem of the house system and people who move off campus.

The IHC will meet this summer, since all of us are blessed

with some random job here. We will be discussing things such as Avery and Ro*****n Stuff.

Cable will go into all Caltech housing, including but not limited to: The undergrad houses, 150, 270, 280, 290, the Quads, the Cats, Marks-Braun, M-J, and so forth.

We discuss parking gripes, and Tom says he'll take them to his meeting on the subject.

Taking things from houses, even as a prank, without leaving a note is a very bad thing. The continued absence of the Interhouse trophy is a very serious event, and Brian would like it back as soon as possible...he lives in Fleming, room 59 if you would like to talk to him about this. If you have any information about this or know someone who does please tell Brian or any of the members of the IHC.

Nestor found his couch, and Brian did get his cushions back.

Sigh, have a good summer folks!

respectfully submitted,
Laura Brady, IHC Secretary

Editors' File

From your Friendly Tech Editors

Wow! What a tiring week! And exams to follow it...great! As this is the last issue of the year, you don't have to submit anything for next week! But, if you feel really motivated, you could write some restaurant or club reviews over the summer and submit them in the fall. The frosh and new grad students and postdocs would really appreciate them, no doubt! Next year *The Tech* is looking to increase its staff by leaps and bounds. Editors are paid (not just elected editors), so if you need to fill some time and want to earn some money each week, please email editors@tech with your intentions. We'll get you trained and, before you know it, you'll be producing *The California Tech*. Take care, and have a great summer! Good luck, seniors!

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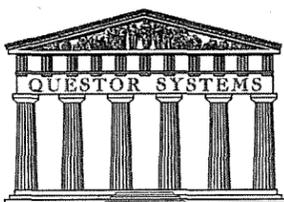
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Official ASCIT Minutes: 5/31/95

Present: the BOD minus James and Ken plus Anil Roopnarine, Flora Ho, Maria Satterwhite (Nestor's girlfriend), Lori Hsu, Eric Co, and Christian Waite

Meeting starts at some unspecified time. Maria asks for Lloyd Interhouse money. Multihouse money. Whatever. We give it to her. Lori asks for Dabney Multihouse money. What is it with all of these random people pestering us for their money? We sigh and give Lori some money.

Anil asks for recognition of the Cricket Club. We ask him to give us a statement of purpose. Half an hour later, Anil returns with some statement of purpose (typed!), and we recognize the Cricket Club 6-0-0.

Eric and Christian ask for funding for the Skeleton Crew. Greg says he has some extra moolah in his budget, and we graciously donate \$150 to the Skeleton Crew.

Kanna whines and cringes at the sound of Eric Hackman's name. **SIMPLE HOME EXPERIMENT:** If you happen to see Kanna, walk up to her and engage in normal conversation. Sometime during the conversation, just casually mention the name Eric Hackman. Watch Kanna's reaction. Explain.

Steve and Gavin ask whether we should print Dan Eckstein's

statement for Senior Class President. We consult BoD Resolution III, Section 2, and since Dan's not a senior, we say no. Sorry, Dan.

Flora asks for \$40 or \$50 to buy a program that does Clue submissions by email. Flora also lets us know that she and some other people added a mediator and a defendant to the Grievance Procedure.

Guppy rolls in.

Tom asks for funding for Mud/Foodeo. Greg tells all of us that he went to his Mudeo. Gooooooood Greg.

Guppy shows us the fliers he made for the Movies Team, and gives us a team list. Guppy rolls out. (he's not an Autobot)

Kanna brings up the Movies account, and mentions that all \$2100 is under Eric Hackman's name. Gavin adds that the BOD can pass a resolution allowing others to take the money out of the account if it is a corporation account. Tom moves to authorize Peter Manca and Kim Komisarek as the only signers on the ASCIT Movies checking account. Dave seconds the motion, and the motion is passed 6-0-0.

Steve and Anil return. Steve leaves. Anil gives up his statement of purpose, but you already read this, so never mind. Go away. Read something else if you don't care.

The Dean wants to see dif-

ferent banks' fees for accessing their bank accounts from ATMs not associated with the bank. Melissa says that she'll find out some of these fees. Melissa adds that the Multicultural Task Force will go on a retreat next Friday to discuss their goals for next year. Melissa (and Dave) add that the number of minorities in next year's freshman class is extremely low.

Laura says that the Van needs a new registration.

Greg: "The Formal happened." 107 students went, but not too many faculty showed up. ASCIT only paid for a few extra dinners. Greg and Melissa want me to mention that the Lordens are good dancers. Greg also says that we came in very much under budget, so ASCIT will end up paying back some of the biggest contributors (because Greg firmly believes that ASCIT should be the biggest contributor to the ASCIT Formal - go

figure). Greg leaves.

Tom says the IHC discussed summer housing for SURFing non-Caltech students at their last meeting. Tom also asks us to approve the Faculty-Student Committees, and we approve them 5-0-0.

Kanna mentions that she won't be here next Wednesday. The BOD will profoundly miss Kanna as she flies off to D.C. But ye who ere in they cloobs-bewaaaaarrrrrrnnnnn ye! Kanna shan't be har, and ye wait bai aaaaable to git yer foonds!

Dave says, "Elections are on Monday." Wow. Feel the excitement. The hairs on my back are sticking up.

Y'know something? This was a boring meeting. I'm sorry. Nothing happened. Yeah, Anil

gave us this cool Cricket Club, but we really didn't anything too thrilling. So if you want real excitement, find the BOD in SAC 64 on Wednesdays from 4 to 6 and ask us stupid questions. Trust us — we'll know the answers. We're the BOD. Sure, the all-powerful James Honaker might be a bit sleepy, but so what, I say, so WHAT. It just doesn't matter anymore why you ask us for the things that we ask ourselves everyday. Yeah.

Submitted. And boy, they are. Or girl. Whatever your gender of preference is. Dave "my English teacher once made us write an essay comparing "Heart of Darkness" and "Apocalypse Now"" Relyea ASCIT Secretary



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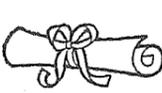
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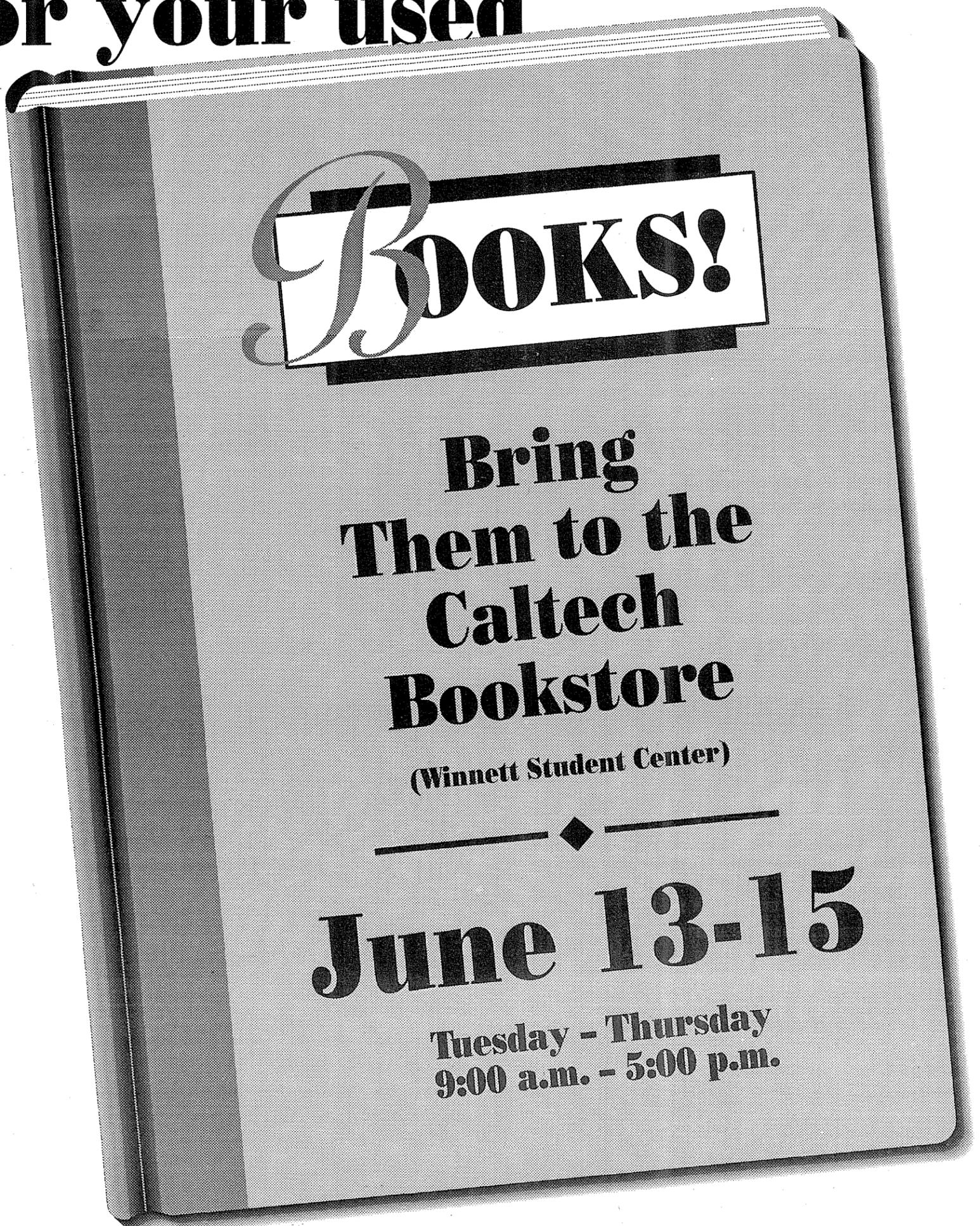
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DITCH DAY

FROM PAGE 1
 first beat a tricky motion detector (which became even trickier when it didn't work) and, of course, solve a riddle.

The rest of the morning activities sent members of both stacks to various places and compromising situations. Among the festivities were a trip to Burbank Airport ("Paging Mr. Edward Nygma...paging E. Nygma..."), a visit to a maternity store to try on some articles, and the retrieval of the all-powerful, transmogrifying, ilidium P-32 space modulating Bat-Daihatsu.

For lunch, the Riddler stackers participated in a pie-eating contest staged by Delon, that crazy Sri Lankan TFM dude. As for the Batman stackers, all fifteen of them piled into the Bat-Daihatsu and went to the Jack-in-the-Box drive-thru.

After lunch the Batman stackers began their allotted tasks. After a trip to Huntington Gardens, they rendezvoused with a mad scientist who had discovered a potential antidote to the pathogen. After presenting the antidote, the scientist "accidentally" spilled it onto someone straying a little too close to the emergency shower that just happened to be there. Thinking quickly, the scientist pulled the shower handle and saved the person's life. After sending the others off and taking the person aside, the scientist informed her that she had extensive burns on the left side of her face. Destiny had thus determined that she had become Two-Face...

Meanwhile, the Riddler stackers assembled on the Athanaeum lawn to participate in a Tech version of Double Dare, presided by Tom Mannion and assisted by Lee Reavis. The participants wrestled in applesauce, got soaked by TFM fruit punch, got sprayed with mustard, and wound up on the front page of the Pasadena Star-News. As a consolation prize, the losers were

given a couple six-packs of Texas Select- the non-alcoholic, 65-calorie, 50 cents a can malt beverage of choice. Needless to say, the losers liked it so much that only one of them could finish a can without throwing up.

After Double Dare the Riddler stackers met with Two-Face. Two-Face was then sent to the BatCave to arrange a truce meeting with the Batman stackers. Unfortunately this never materialized, and for the next hour a lot of things happened that weren't supposed to happen. The Batman stackers tried to double cross the Riddler stackers. The Riddler stackers tried to double cross the Batstackers. Both succeeded. And in the midst of it all the Cthulu monks stole the Bat-Daihatsu and went for a joyride.

When order was finally restored, both stacks discovered that the true culprit was, in fact, The Artist Formerly Known As Prince (he wanted revenge for being cut from the payroll after the first movie). TAFKAP presented them with a couple of puzzles, the latter being a set of stereograms placed inside a 4'X4'X8'tall water tank lighted only by a strobe. After this, the bribe was taken, much partying ensued, and the seniors got a welcome 22 hour nap.

SEE MORE DITCH DAY PAGES 6-7

YNEWS

by Donna Ebenstein

DECOMPRESS!! This Saturday and Sunday is Decompression—free food and entertainment starting at 7:30 p.m. in front of Winnett. Come eat, relax, and hang out with other grads and undergrads.

We have another noon concert this Friday. Silver Jet will be playing in front of Winnett, so bring out your lunch and listen to some good music.

The time has come to set up the Caltech Y Summer Excomm. If you are interested in planning events for the summer or if you would like to know more about the Summer Excomm, stop by the Y and talk to Chris.

Don't forget that the Y will be selling discount tickets to local theatres and theme parks and renting camping equipment all summer. So if you're planning a vacation, think of us!

Good luck with finals and we hope to see you at Decompression!

Ditch Day in Fleming

We had a wide variety of stacks here. There was everything from Ozenne's brute force stack where there were seven walls to break down, each made of a different material ranging from concrete to glass. Another favorite was Rajan Ranga's Myst stack. The clues in this stack were quite tough, but the bribe at the end was awesome as was the special computer effects he used to pull off the stack. There was also a Doom stack where a model of a doom level was constructed in one of the rooms. We had to crawl through four levels in order to reach the end. Among others was a Blues Brothers stack and an Olympic stack. All the stacks were quite elaborate and extremely fun. Thanks Seniors for a great Ditch Day.



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AND THE DOWNSIDE WOULD BE...?

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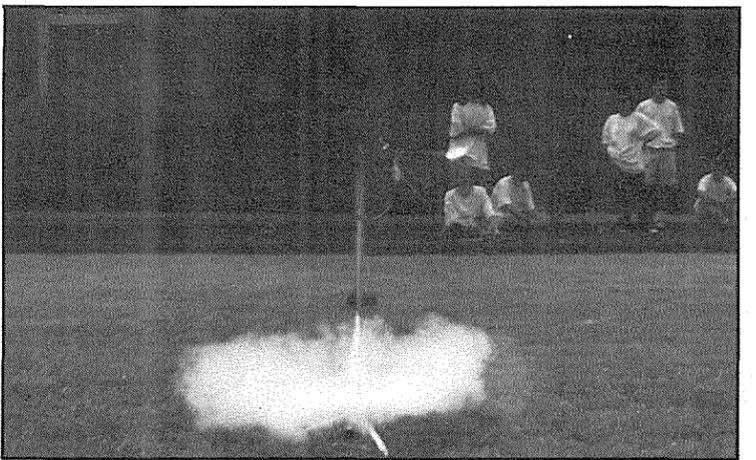
Some Ditch Day Photos



Avoiding the bomb, Alison, Mason, Nelson, Brian, Jenny, Mena, Laura, Vikki, and Jeremy look for a tape while trying to find all three pieces of Tarquin's amulet. Their day took them to Grant Park, an off-campus storage locker, and all over Caltech's campus.



Jim and Dave chill out while Liz and Seth take a turn on the Millikan sea-saw.



Looking for the cure for a deadly virus, members of the Biohazard stack fire a rocket high above the Court of Man. The magic cure was Mountain Dew!

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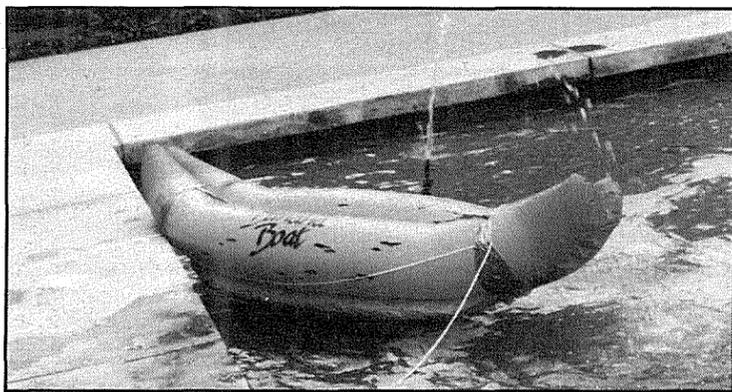
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Scurves' Ditch Day

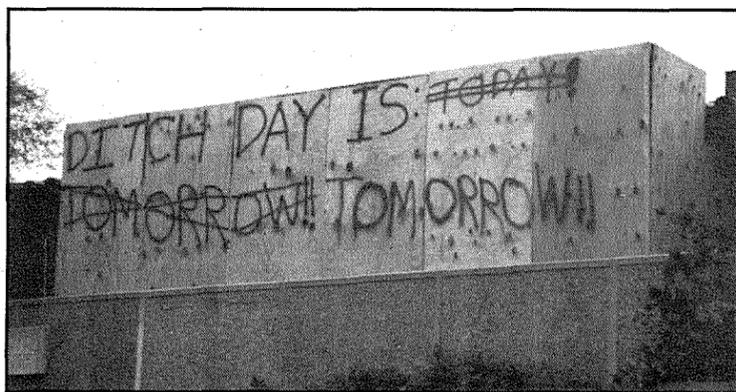
by Adam Villani

The centerpiece of the courtyard for Ditch Day in Ricketts was the huge box of balloons set up for Kevin Boyce and Gisela Rodriguez-Sandoval's "Duckboot Stack." This one also involved a box full of 3000 ladybugs and a sealed-off room blaring Balinese monkey chant and Blondie all day. Karen Casciotti, Jenny Cormack, and Leslie Maxfield's Time Machine stack had a clue written on an auger dish with luminescent bacteria, and Jason Hollinger recreated a 3D map and a hallway with secret panels from Indiana Jones. Clark Chang's Space Marines finesse stack used a laser and a mercury switch, but the ungrateful underclassmen counterstacked his room.

In contrast to the rigid order of most stacks, Jake Holland merely gave his participants a random list of fun things to do, including painting a mural of Elvis and ordering lunch from Tony Roma's without speaking. Adam Villani and Jane Oglesby sent their underclassmen on a quest around Los Angeles, including visits to East L.A. and the largest Buddhist temple in the Western Hemisphere. Frances Chance and Penny Sherman also sent Techers off campus, but only to Colorado Blvd. and the Pak-Mann arcade where they collected clues for a game of — you guessed it— "Clue." Mickie Wilber's Robin Hood stack hid clues inside wax molds and was cracked early— but her underclassmen celebrated by drunkenly stealing a Daihatsu and terrorizing the campus with plastic arrows. By the end of the day the courtyard was filled with balloons, the lounge was full of food, and a few select frosh were full of alcohol.



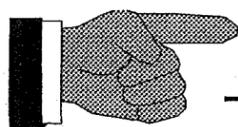
Yes, we have no bananas today.



And the biggest unanswered question is . . . when is the next Ditch Day?

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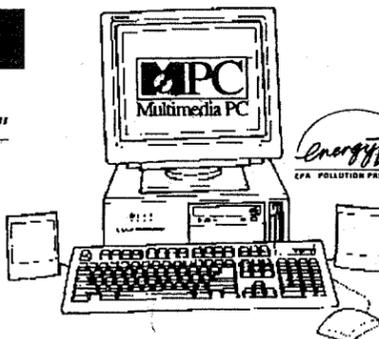
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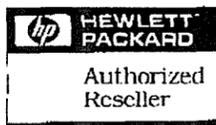
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Seniors!

From the Big T: Please turn in your mailing address by June 2nd to which we can send your yearbooks to you in the fall. Please remember that if you do not have your address turned in by then, a \$5 mailing fee will be charged when you later request your yearbooks to be mailed. Also, if you wish to have your senior pictures back, please send us a self-addressed sealed envelope. Any questions can be directed to *big-t@cco* or x1223. Send everything to SAC 27-58.

Announcements

◆The Totem would like to announce that the winner of the **Totem Cover Contest** is Miyabi Ota. Congratulations! The Totem would like to thank everyone who participated.

◆The Totem is coming, the Totem is coming!! Plans for the distribution of the Totem will be announced early next week so everyone can know when and where they can get a copy. Watch for the Totem!A

Are you interested in taking a **conducting class** next year? Both Don Caldwell and Bill Bing have expressed interest in teaching a 9-unit humanities class that would include music styles, orchestration, conducting theory, and baton technique. A 3-unit performing arts class is also a possibility. In order for this class to come about, some amount of interest needs to be shown amongst students. If you are interested, please contact *jonal@cco*, Caltech MSC 146, or extension 1635 with your name, level of interest, and suggestions.

Auditions For The Fall Of Theater: TACIT will be producing two small plays this fall. "Revenge of the Space Pandas," a comedy by David Mamet, promises to be enormously fun: it will hopefully be produced around Halloween (with a possible midnight performance). "Under Milk Wood," a play by Dylan Thomas, is basically a long poem for many parts. We will stage readings both on campus and at the E-bar in November. Remem-

Announcements

◆ denotes a new announcement.

ber that as these are "small plays" they will require relatively small commitments; thus, if you've been scared away by the size of past productions, this is your chance! Auditions for both will be held in Winnett Clubroom I on Saturday, June 3rd, between 4 and 6 p.m., Thursday, June 8th, between 6 and 9 p.m., and Saturday, June 10th, between 2 and 4 p.m. Please contact Maneesh Sahani at x8337 or at 793-2879 for more information.

The Caltech Y currently has balcony tickets to Walt Disney's **Beauty and the Beast** for \$35 a piece for the performance at 1:00 p.m. on July 23rd at the Schubert Theater. Tickets may be purchased from the Y on the second floor of Winnett; only two tickets per person, please.

Caltech has publicly announced its right to create lots and lots of "noise, dust, vibration and utility interruptions as a result of construction of the **Avery House** at 293 S. Holliston Avenue, from now through August, 1996 from 6:30 a.m. to 5:00 p.m. daily." For further information or specific details, please call extension 4724.

The **Caltech Muslim Student Association** will hold Muslim Friday Prayers weekly in the Ylounge at 12:15 p.m.

"Take a Break and Spend Some Time with Friends." The office of the International Student Programs would like to invite you to our Open House for coffee, tea and conversation. Every Wednesday from 4:00 p.m. - 5:30 p.m. at the office of International Student Programs, Olive Walk. Open to the entire Caltech community.

From the Counseling Center

The **Gay, Lesbian and Bisexual Support Group** meets the first and third Tuesdays of each month at 7:30 p.m. in the Health Center Lounge. This confidential meeting is open to all Caltech community members looking for a supportive context in which to address questions and concerns about sexual orientation - including coming out, being out, self-discovery, coping with families... We begin with a focus topic but move to whatever is feeling most relevant to the group that night. Refreshments are served. For information, please call 395-8331.

Coming Events

◆The **Homegrown Bluegrass Band** will be playing at the Red Door Cafe this Friday,

June 7th, from 6:30pm to about 8:00pm. Come celebrate the end of the term with coffee and some food, listening to this family of musicians. Everyone in the community is invited to enjoy this evening of fun and music!

◆A **Fossil & Rock Sale** has been added to the **Zilchbrau Event** that is to be held by the Geology Division in Dabney Gardens beginning at 6:00 p.m. on Friday, June 9. The Geology Department is giving away toms of excess rock and fossil samples from all over the world. The Fossil and Rock sale is open to the public, and fine specimens can be purchased for as little as 50 cents. For more information, please call Chris Giberson at extension 6455.

Club Announcements

◆Starting June 19th **Shotokan Karate** practices will be held in the Brown gym from 5:30 to 6:30 p.m. on Mondays, Wednesdays, and Fridays. Beginners are welcome. For more information, please contact Neil Farrow at 564-1806 or *naf@romeo.caltech.edu*.

The Caltech Ballroom Dance Club **Friday beginning and intermediate SALSA classes** will be held this Friday, June 2nd, in Winnett Lounge. Intermediate class is from 7 to 8:20 p.m., and beginning class is from 8:30 to 9:45 p.m. Taught by professional instructor Enio Cordoba, no experience needed for beginning class though six months prior dance experience is recommended for the intermediate class. No partner is required. There will be one more classes - June 9. Registration is \$12 for Caltech students, employees, or JPLers, and \$24 otherwise (couples will be charged \$24 if one of the two is from Caltech or JPL). Come to the first class, even if you haven't yet registered! For more information, contact Bob Herman at *rherman@arms.gps.caltech.edu*, or at 393-4720.

The **Caltech Ballroom Dance Club** offers free beginning classes to all. Classes are Wednesdays at 7:00 p.m. in Winnett Lounge. People are welcome to join the classes any time; no experience is required. Come with or without a partner. This week the club will hopefully be learning the cha-cha, and will do other dances in the future. For more information, contact Bob Herman at *rherman@arms.gps.caltech.edu* or at 393-4720.

Internships and Competitions

Be a part of the search for Pasadena's New Year's Day ambassadors! **The Rose Queen and Royal Court of the 107th Tournament of Roses Auditions** will be held on Saturday, September 16th between 9:00 a.m. and noon, then 1:00 p.m. to 4:00 p.m., or Monday, September 18th, between 3:00 and 5:00 p.m. Each participant will receive a ticket for two to the Royal Ball, a semi-formal dance presented by Nordstrom and hosted by the Pasadena Tournament of Roses. This year the Royal Ball will be held on Friday, September 22nd, at the Pasadena Hilton Hotel. The Tournament of Roses Royal Court selection process is open to all unmarried women. Participants must be legal residences of the Trustee Areas of the Pasadena Area Community College District. Each participant must be enrolled either as a senior in high school or a full-time college student. Participants must demonstrate that they have earned at least a 2.0 grade point average in current course work and last year's course work. Participants must be at least 17 years of age by December 31st, 1995, and not more than 21 years before January 2nd, 1996. Each participant must complete an official application and participate in one of the interview sessions. For additional information call the Tournament of Roses at 449-4100

The **Harry S. Truman Scholarship Foundation**, established by Congress in 1975, is the official federal memorial to honor our thirty-third President. The Foundation awards \$30,000 merit-based scholarships to junior-level college students who wish to attend graduate school in preparation for careers in government or elsewhere in public service. Scholars may attend graduate schools in the United States or in foreign countries. In 1996, up to 85 students will be awarded Truman Scholarships. They will receive leadership training, graduate school counseling, preferential admission and merit-based aid to some premier graduate institutions, and internship opportunities with federal agencies. Scholars are eligible to receive \$3,000 for the senior year of undergraduate education and \$27,000 for graduate studies. The Foundation defines public service as employment in government at any level, including uniformed services, public interest organizations, nongovernmental research and/or educational organizations, and public service oriented nonprofit organizations such as those whose primary purposes are to help needy or disadvantaged persons or to protect resources. The eligibility requirements are a full-time junior-level student at a four-year institution, committed to a career in public service as defined above, and in the upper quarter of his or her class, and a U.S. citizen. If interested, please contact the Dean of Students Office at 102 Parsons-Gates. The deadline is late November 1995.

The Mathematics Department is pleased to announce two categories of prizes offered to Caltech undergraduates: the **E.T. Bell Undergraduate Mathematics Research** prize of \$500 to a junior or senior for the best original mathematics paper, and **The Morgan Ward Competi-**

tion for freshmen and/or sophomores. \$75 will be awarded for the two to four best entries of a mathematical problem with a solution or significant contribution toward a solution. Complete details will be mailed and are also available in the mathematics department at 253 Sloan.

Fellowships and Scholarships

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

Jewish Family and Children's Services announces the continued availability of financial support for Jewish individuals and their families. There are loans, grants and scholarships available, and students may qualify for up to \$5,000 in aid. The Financial Aid Office has a flyer and questionnaire that you can use to apply, or you can call (415) 561-1226. **There are no deadlines** and students may apply throughout the year.

The **John Gyles Education Fund** is again this year offering financial assistance to students in the United States. Canadian or American citizenship is a requirement. Awards are available for all areas of post-secondary study. A minimum GPA of 2.7 is required. Criteria other than strictly academic ability and financial need are considered in the selection process. Selected students will receive up to \$2,500. **Deadlines for 1995 are June 15th, and November 30th.** Applications must be mailed by those dates. Students may receive applications by sending their request, along with a self-addressed, stamped (US 32 cent) No. 10 envelope to: The John Gyles Education Fund, Attention: R. James Cogle, Administrator, P.O. Box 4808, 712 Riverside Dr., Fredericton, New Brunswick, Canada E3B 5G4.

◆Attention Juniors, Seniors and Graduate Students: **The Luce Scholars Program** provides recent college graduates the opportunity to spend a year in Asia in an internship arranged on the basis of their interests and qualifications. The prestigious program is designed as a cultural experience and a stipend generously covers all normal expenses. Interested students should have a record of very high academic achievement and evidence of outstanding leadership ability. Applicants should have a clearly defined career interest and show potential for professional accomplishment. Students with significant exposure to Asian culture cannot be considered. Caltech can select 2 nominees whose names must be submitted to the foundation by early December. Interested students should contact Professor James Lee, Barbara Green, Associate Dean or Lauren Stolper, Fellowships Advisor. Information on deadlines and the application process will be available in the fall.

The **Caltech Guide to Fellowships and Scholarships** which all juniors received in May has a detailed description of the Luce Scholars Program. If you would like to get your name on the mailing list for the Luce or the fellowships listed below, please send your name, class, and summer mailing address to: *lauren_stolper@starbase1.caltech.edu*. Please specify which awards you would like information on: Churchhill, Fulbright, Hertz, Luce, Marshall, Rhodes, and/or Watson.

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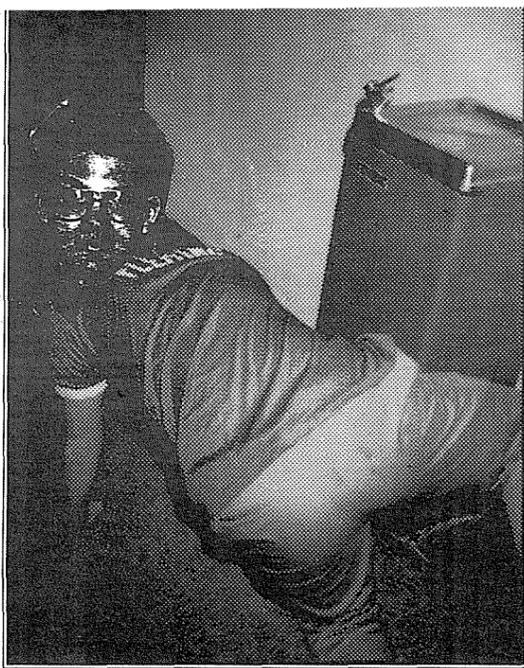
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- #5) synonym for slut _____
- #6) number _____
- #7) expletive _____
- #8) verb _____
- #9) noun (plural) _____
- #10) person in house _____
- #11) verb _____
- #12) other person in house _____
- #13) adjective _____
- #14) ritual name _____
- #15) adjective _____
- #16) adjective _____
- #17) synonym for feces _____
- #18) adjective _____
- #19) adjective _____
- #20) adjective _____
- #21) adjective _____
- #22) verb _____
- #23) part of body _____
- #24) verb _____
- #25) verb _____
- #26) noun _____
- #27) name of different house _____
- #28) noun _____



There once was a man from a South House

There was a south houser. He practiced transhumance with his flock, which means he migrated seasonally (highland meadows in the summer, Caltech flats in the winter). One summer he is in the upland meadows, and having been there for many weeks with only his dog and his sheep for companions, he is somewhat lonely and *very* hormonally charged.

While sitting on the fender of his wagon one day, he spies a particularly attractive ewe as she meanders nearer to his cart. Suddenly, he leaps up and grabs her by the wool of her hips, yanks down his pants and begins trying to penetrate her. Just as suddenly, the dog comes over, grabs the shepherd by the bare ankle and drags him away from the bleating ewe.

"Oh my god," mutters the south houser. "I can't believe what I just tried to do. Thank you, dog, for helping me." He pats the dog and gives it a treat. A few days later the same thing happens. The same ewe wanders close to the wagon; the south houser leaps upon her and begins the attempt again; the same dog drags the man away. The south houser praises the dog, pats him sweetly and gives him a treat.

The summer rolls on with only a couple more similar incidents, and then comes the time for the migration to the lowlands. The dog and the south houser herd up the flock and begin the journey through the rocky passes back to the winter pasture. On the way, they must ford a wide and rapid river. As they near the river, they hear blood-curdling screams for help! The south houser rushed to the edge of the water and looks for the source of the screams. Suddenly, he spies her! It is a woman, tumbling helpless and flailing her arms futilely.

The south houser strips off his shirt and trousers and jumps into the river. He saves the fair damsel, of course, and brings her safely to the shore. He builds a fire, gives her a warm blanket and a little food. After a while, she comes around from shivering and whimpering, and looks at our hero. "Mister, I can't tell you how thankful I am that you saved my life. I know that I can never repay you but I would do anything for you. Anything!" "Anything?" he queries, with a knowing leer. "Anything! Just name it!" "Hold this dog for me..."

Why i hate _____ (#1)

Although there are a few _____ #2 people, _____ #1 is a house filled with _____ #3.

In the beginning, there was rotation. As a _____ #4, i got passed around like a _____ #5 through all _____ #6 houses. When i had to eat in _____ #1, i said to myself "_____ #7! I don't want to _____ #8 with these _____ #9." Unfortunately, i had to. I went in and sat down next to _____ #10. He proceeded to _____ #11 and hit on _____ #12. Not only that, all the members participated in this _____ #13 ritual of _____ #14. In the end, everyone was _____ #15.

When I first got picked into the house, I thought it was the _____ #16. After a while, though, I realized it was just _____ #17. The people there were _____ #18, _____ #19, _____ #20, _____ #21, and tried to _____ #22 out my _____ #23 ring. They refused to be _____ #24 when i said "stop trying to _____ #25 me, _____ #26-faces."

Immediately i wanted to get out to _____ #27 house. I somehow got in, even though i was a member of _____ #1. Thank god for that. _____ #1 eats _____ #28.

CLIP 'N' SAVE

An Encore Performance: A Social Commentary

by J. Random HercFrosh III
and Lauren

Today's Target: Kitties,
again

Yep, we've come out of retirement for one more last fling. As you'll recall, in our second to last article, we promised our favorite cat recipes. Well, here they are, together in one convenient location. Just clip this article and never go hungry again!

Kitten cereal

This one is easy — everyone knows how to make cereal! And everyone loves a sliced banana in their cereal. But for an extra, flavorful twist, substitute a cat's tail for the banana. Be sure to cut between the vertebrae. Soft and chewy on the outside,

crunchy on the outside. Truly the breakfast of champions!

Chili con Gato

Use your favorite chili recipe, but as all you Spanish speakers can tell, substitute carne (meat) with gato (cat). Remember to use a younger cat for more tender meat.

Veal, er kitten parmigiana

Another simple, replace the old, bland veal with tasty, tender kittens recipe. One helpful hint — everyone goes on about how certain exotic meats always taste just like chicken. Well, cats taste nothing like chicken, so if you want a truly new taste experience, there's only one place to turn!

Baklava

For a tasty dessert treat, sprinkle finely diced, dried cat bits (similar to bacon bits, and

available in most exotic food shops) instead of chopped nuts.

Cat gelatin

Everyone at your party will be amazed at how you suspended cat entrails in the middle of their fruit gelatin. For a heartier, more adventuresome flavor, don't clean the entrails first.

Cat haggis

What more need be said? For more information ask the esteemed President of Ricketts hove, the Irishman who went up a hill and should've stayed there, the keeper of Remy-Martin, the holder of kitties, Art Clarke.

Cat rinds

Coming soon to a convenience store near you!

Cat Sushi

For those with a strong tolerance for intestinal disorders. Note — if finely aged, they take on a taste almost as delightful as the aroma!

And finally...

Peanut butter, jelly, and cat sandwich

No child's lunch is complete without this wholesome and delectable treat passed down through generations until it has become the staple of the American diet. Or at least it should be! Be a patriot, eat a cat!!

Special thanks to the Black Rose for her invaluable contributions to so many of the above recipes.

Probabilistically speaking...it probably doesn't work

by Rosencranz and Guildenstern

We have just discovered irrevocable proof that the laws of probability are no longer valid. Just look at some of the people at Caltech. This is especially true of the editors of *The Tech*. Each of them simply defies the laws of probability in his own unique way. How could nature have created such combinations. They cannot possibly be part of the sample space that was being used. They even offered a scholarship to anyone willing to write a front page article condemning one of their own. Believe us, Techers do not need any monetary incentives to bag on the editors. They do it because it's fun!

Other things have come to our attention as well. As an experiment, we flipped a coin eighty-six times in a row. Each time we flipped it, we came up with heads! This was, moreover, a fair coin. Things just did not work out the way they naturally should. We at first thought that the coin might be weighted, but after

careful consideration, decided that its mass distribution was perfectly normal. It was an average quarter, with an average head and an average tail.

We first began to suspect something when we were just thrust upon this earth with no idea of where we came from or for what we were looking. The only comfort we had was a vague notion for being "sent for." That event itself defies probability. People do not simply appear out of nowhere because somebody sent for them. We later spoke to a little pig named Hamlet. I don't know why he thought we were sponges. Wilbur never said such things about us! He and Charlotte are humane and decent. (The fact that they had previously threatened to strangle kittens is entirely irrelevant.)

Another event which was really weird was the play within a play within a play which was the spin-off to yet another play. And the writer of the original play has been dead for more than half a millennium. Further, we died in each of these plays!

This also defies probability. Nobody this side of Richard Nixon is capable of dying more than once. We may not have him to kick around anymore, but why does the world still seem to have us for that purpose. Probabilistically speaking, each person is supposed to only die one time. Additionally, it's OK to go to a second level of plays, but the fourth dimension of it is simply too much. And to exist at two different coordinates in space-time in one of them further complicates matters. We got to preview our own deaths! That is not supposed to happen. And we're still alive today to speak about it!

Our suspicion was confirmed as soon as we came to Caltech. Such a place cannot exist by a purely random process. Such an oddity has to be the brainchild of the twisted mind of a deranged extraterrestrial. There is just no other logical explanation. Probability must have malfunctioned somewhere along the way.

Separated at Birth? You decide....



Stuart Smalley



Rod Keiweit, Dean of Students

New evidence has recently surfaced that in fact puts this lewd accusation much closer to truth: in an interview with Jane and Martha Kiewiet, the parents of D. Roderick, on May 29th in Iowa, a guarded disclosure was given to *Tech* undercover reporters that they had always felt their child was "too happy" to really be called their own. Under further persecution, they admitted their greatest fears that D. Roderick may not have been their child to begin with. Further investigation led to the very midwife that had delivered the child in 1953: "The truth is, I was delivering a lot of children in those days...it would not have been unheard of for me to have, uh, accidentally slipped one under my sleeve and sold it on the black market, er..., er, to have accidentally mixed up some couple's baby up with anothers... Mistakes like that can happen, you know... It's not like it's my fault if it did." Amazingly enough, it was the same midwife who had only three days before delivered the Smalley twins; unfortunately, in this operation, one child died soon after birth, no body being recoverable (from this spontaneous combustion.) (in this freak bomber beetle explosion in the infant's crib.) The surviving Smalley twin survived, but was said by the Smalley parents to have been "scarred for life." They went on to tell that "it was his and our good luck that that big ol' purple dinosaur psychiatrist fella helped him to get a grip on hisself...After the first of his murders, though, he calmed down well 'n' good."

In this small town in Iowa, though, this mystery has been found by many as a true miracle. One townsman has stated "That Kiwart, he's a lucky man ta' be looking so much like good ol' Smalley. As a matter of fact, all of us here have good old Betsy the midwife to deliver our children in the hopes that they'll be just like Smalley! She did it once, she can do it a-gain."

As of yet, though, no real evidence has surfaced though. We hope that future investigation will yield more evidence to how such a biological miracle could have occurred in this small Iowa town.

The Tech Editors were busily working on their Rivet, when who should walk by but Achilles and his good friend the Tortoise. The Tech Editors informed Achilles that they were working on the Rivet, the last issue of *The California Tech*.

Achilles: Such an odd sort of issue for newspaper editors. And your theme?
Tech Editors: Animal cruelty!
Tortoise: Oh, dear me! What a horrible thing! I can't believe they let you do this sort of thing!
[THUMP! THUMP! THUMP!...Achilles beats the tar out of the Tech Editors.]
Achilles: Ah, oh so much better this way.
Tortoise: It's a strange campus, I guess.
Achilles: Hmmm...
Tortoise: Look at what this says on this page.
Achilles: Shoot!!!!? A cat!!!!? They make me sick!
Tortoise: Why, look, a little furry friend has come to join us.
Achilles: And there he goes.
Passing Techer: Now, look out! I am a busy Techer!
Tortoise: I take it you don't major in a field like engineering where you have to communicate (write, spell, speak) with *real* people?
Passing Techer: Well, you know what they say...E&AS spells easy.
Achilles: Well, nice to see you, sir. But you don't look too busy.
Tortoise: Hmmm...why don't we wander on down the hall?
Achilles: Musical posters!
Tortoise: Why are you so excited?
[Random female Techer studies by the music rooms]
Random Techer: Good day!
Tortoise: We really must be going.
Achilles: But I just met her!
Random Techer: Excuse me, but I'm very busy studying Tensor Analysis.
Tortoise: Ah, I remember that area.
Achilles: Shall we wander around further?
Tortoise: Aloha, Coffeehouse!
Achilles: I'm having a chocolate shake with peanut butter.
Tortoise: I'm having the same as he is.
CH Worker: Your names?
Achilles: Achilles. [motions for his friend to stop looking at the comics]
CH Worker: Achilles? [sounds confused at strange name]
Tortoise: Mr. Tortoise. [motions for his friend to stop looking at the comics]
CH Worker: Mr. Tortoise? [sounds confused at strange name]
[LONG PAUSE]
Achilles: Boy we've been waiting here a long time.
[LONG PAUSE] — Coffeehouse changes shifts.
Tortoise: Boy we've been waiting here a long time.
[LONG PAUSE]
CH Worker: Mr. Tortoise? [sounds confused at strange name]
Achilles: Mr. Tortoise! [motions for his friend to stop looking at the comics]
CH Worker: Achilles? [sounds confused at strange name]
Tortoise: Achilles! [motions for his friend to stop looking at the comics]
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[Random female Techer studies by the music rooms]
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Tortoise: Look at what this says on this page.
Achilles: It's a strange campus, I guess.
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[THUMP! THUMP! THUMP!...the Tortoise beats the tar out of the Tech Editors.]
Achilles: Oh, dear me! What a horrible thing! I can't believe they let you do this sort of thing!
Tech Editors: Animal cruelty!
Tortoise: Such an odd sort of issue for newspaper editors. And *your* theme!

Okay, so I couldn't do Douglas Hofstadter or Lewis Carroll justice in an afternoon. Check out Gödel, Escher, Bach if this style intrigues you.... —SDV