Caltech Geochemist Wins Tyler Award

from the USC News Service

LOS ANGELES—For a lifetime of research expos­ing the worldwide health dangers of the uncontrolled use of the element lead, geochemist Clair C. Patterson has won the premier international environmental honor—the $150,000 Tyler Prize for Environmental Achievement.

Dr. Patterson, a professor in the California Institute of Technology’s Division of Geologi­cal and Planetary Sciences, will receive a gold Tyler Prize medallion here tonight (April 28th) during a black-tie recep­tion and dinner at the Four Sea­sons Hotel.

“Dr. Patterson is an out­standing example of the citizen­scientist,” said Tyler Prize Execu­tive Committee Chair Robert P. Sullivan in announcing the award. “He researched his sub­ject in a scholarly and thorough manner, checking and recheck­ing his data. Then he acted to ensure that these conclusions informed public policy.”

Patterson gained interna­tionally recognition in 1953 for a study using comparative analysis of lead from lead from meteorites and from extraterrestrial sources. That classic study, which produced the currently accepted estimate of the age of the Earth, disclosed high levels of lead contamination in scien­tific laboratories.

In the early 1960’s, Patterson developed a theory predicting that natural lead lev­els were far lower in the peoples of antiquity than in the peoples of today. In a series of indig­enous studies, he and his col­leagues found ten people from Caltech students painted Alta’s home and garage, cleared the outdoors from back and yard, and helped with other improve­ments inside. Andy, as one of the house’s co-captains, organized the outdoor work so that every­thing went smoothly. Inside, members of the Brotherhood of Electrical Workers did an exten­sive re-wiring job, bringing the house up to present code stan­dards and adding many outlets, on which they added lights to make things easier for Alta. Peter Knowlton, the other house co­captain, oversaw the interior improve­ments. Hand rails were added and reinforced on the stairs and in the bathrooms, Alta’s washer and dryer was replaced so that a dangerous internal gas threat went smoothly. Inside, members of the Brotherhood of Electrical Workers did an exten­sive re-wiring job, bringing the house up to present code stan­dards and adding many outlets, on which they added lights to make things easier for Alta. Peter Knowlton, the other house co­captain, oversaw the interior improve­ments. Hand rails were added and reinforced on the stairs and in the bathrooms, Alta’s washer and dryer was replaced so that a dangerous internal gas

Celebrating Christmas in April

by Robert Rossi

At 8:00 a.m. on April 29, nine Caltech students joined Andy Cameron, a Senior Re­search Associate in the Biology Division, at 615 Howard Street. Finding ten people from Caltech students painted Alta’s home and garage, cleared the outdoors from back and yard, and helped with other improve­ments inside. Andy, as one of the house’s co-captains, organized the outdoor work so that every­thing went smoothly. Inside, members of the Brotherhood of Electrical Workers did an exten­sive re-wiring job, bringing the house up to present code stan­dards and adding many outlets, on which they added lights to make things easier for Alta. Peter Knowlton, the other house co­captain, oversaw the interior improve­ments. Hand rails were added and reinforced on the stairs and in the bathrooms, Alta’s washer and dryer was replaced so that a dangerous internal gas

Coping with a Tragedy

by Kevin Austin

On Friday, April 21, the Caltech community experienced the loss of one of its members with the shooting death of Fran­cisco Javier Mora. The reactions to this loss have varied depend­ing on how well they knew the victim, and what the shooting has brought up for them personally.

For many of those who knew him, Javier’s death has caused feelings of sadness, loss, shock, and disbelief. While passing through the feelings of disbelief have been replaced with an awareness that someone so much a part of their daily lives is really gone. Some people have feelings of anger at the apparent sense­lessness of his death. Others feel guilt that their lives go on while his does not. Still others actu­ally witnessed the shooting or it’s aftermath and their feelings come from first hand experience with the tragedy. Whether they knew Javier or not, they and all of the Caltech community wit­nessed an event that is extraor­dinary and shocking. They may replay the incident in their mind trying to make sense out of it, trying to consider what they might have done differently. For those who witnessed this tragedy there can be feelings of unreality and alienation from those who did not experience the shooting firsthand. There can be a preoccupation with the shooting and continued feelings of vulnerability mixed with an­ger at those whose lives seem to go on unaffected.

In reality, the entire Caltech community suffered a loss on that Friday. It was both a loss of a member of the community and a loss of the sense of being protected from this sort of vio­lence. Following the Oklahoma City bombing so closely, a sense of safety has been compromised by the starkness of vulnerability. People ask themselves “If it can happen in Oklahoma or happen on our campus could it happen to me or someone I love?” In addition to these fears Javier’s death can bring up feelings re­lated to other sadnesses in our lives.

Each one of us is faced with dealing with both the loss of Javier as well as the loss of the sense of being immune to vio­lence. All the reactions de­scribed in this article are com­mon and valid, whether experi­enced by someone close to the victim or by someone who never knew him.

In This Issue

The Last Feynman Videos Of The Year

 Fridays, noon to 1, Beckman room, Beckman institute (first floor, SE corner). Seating is limited to 10 seats, so show up early. Reruns are played by request, noon to 1 p.m., the following Monday through Thursday.


A BBC-NOVA program about Feynman and Ralph Leighton’s attempts to visit Tannu Tuva. Also includes highlights from Feynman’s career.


Feynman discusses his work on the Presidential com­mittee investigating the Challenger disaster.


Christopher Sykes Productions for BBC-Horizon series. Hans Bethe described himself as an ordinary genius but Feynman as a magician. This ambitious pro­gram covers Feynman’s whole life and career.

Questions? Call the Caltech Archives, x2704.

The California Institute of Technology

Pasadena, California

Friday, May 5, 1995

Volume XCVI, Number 25

California Tech

Three cheers for what we found in The Tech archives!

Volume XCVI, Number 25

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ASCIT ELECTION RESULTS

ASCIT MINUTES

SPORTS

EDITOR’S CORNER

YNEWS

SOCIAL COMMENTARY

CRIME AND INCIDENT BEAT

IHCMINUTES

DILBERT®

FOXTROT

CSS SPACE NEWS

In This Issue

The Usual Stuff

Save a cat! 7

Features

Bad Food

Movie Review
Letters to the Editor

To the Editors,

Could you please refrain from printing embarrassing pictures of me in the Tech? I’d like to live my life without having to wear a paper bag on my head.

Thank you.

Kanna Shimizu

Dear California Tech:

This is an embarrassment. Here we are, a leading technical institute, known for our astronomy department, crawling with bright young minds. Yet it seems nobody understands the principles of the most basic of all astromonimcal instruments. There is a horizontal sundial installed on a pedestal in the court-yard between Creltin, Gates, and Parsons-Gates. If properly installed it would be equally ornamental, and it would tell time to within 15 minutes (it could even be adjusted twice a year to account for daylight savings time). It is, however, presently installed 180 degrees from the correct position. The south-pointing (3 o’clock is being asked to cast a shadow toward the east in the morning and toward the west in the afternoon. It should not require a rocket scientist to figure that out.

Paul Asinow
Grad Student in Geology
x6474
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Erratum

In the last issue of The Tech, the cover story reported that “a witness saw the suspect Romero having words with [F. Javier] Mora at around 12:15 p.m. on the day of the murder, near a campus lunch truck. Romero reportedly pushed Mora, who ignored him and proceeded to get lunch.” This report is false.

Paul Asinow
Grad Student in Geology
x6474
paul@expet.gps

Editors’ Corner

From your Friendly Tech Editors

Wow! You writers and submitters really went all-out this week. After extending the issue by four pages, it’s finally done.

Even though we got plenty of submissions this week, we still need writers, editors, office workers, etc. Look below to see how you can join the Writer’s Mailing List. While going through the photo archives, the editors discovered some very interesting history! We mean no disrespect by running these photos.

Your immediate instructions are as follows: look at your watch until it says 12:15 p.m. Then, get down to the Coffeehouse and work for the Tech!

Deadlines for Submission to The Tech

Letters to the Editor — 5 P.M. Monday
Events and Notices — 5 P.M. Tuesday
Unsolicited Articles — 5 P.M. Tuesday
Regular/Semi-regular Columns — 5 P.M. Wednesday
Articles, News Submissions — 5 P.M. Wednesday
Art/Photo Submissions — 5 P.M. Thursday

Work for The Tech!

3 units of PA15 and free food all in one! 12:15, Fridays, Coffeehouse

The California Tech

VOLUME XCVI, NUMBER 25
MAY 5, 1995

Letters's Mailing List

Not sure if you want to write for The Tech? Then join the new Writer’s Mailing List! The editors will post article requests on the list, and interested students can reply and write the article. Faculty, staff, JET employees, and graduate students are all invited!

The California Tech

Published weekly except during vacation and examination periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are those of the authors.

Letters and announcements are welcome. All contributions should include the author’s name and phone number and the intended date of publication. Submit copy (preferably on Macintosh 3.5" disk) to the Tech mailbox outside SAC room 42, or e-mail to: starbasel@tech.callech.edu. The editors reserve the right to edit and abbreviate all submissions for fidelity, expediency, etc. All articles cease the property of the authors. Authors and sub­ mission contain all intellectual property rights.

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Opinion

Avery House or Avarice House?

By Zack Berger

"Most importantly, Avery House embodies the spirit of entrepreneurship. Entrepreneurial seminars and discussions will be an integral part of the house's program. The library will house books and periodicals devoted to entrepreneurship. The gallery will feature a permanent display of memorabilia from Stan Avery's remarkable career, and rotating exhibits will highlight the careers of visiting entrepreneurs."

—from a flyer announcing Avery House's groundbreaking

So it has come to this, then? The administrative, Parsons-Gates folks maintained a strenuous silence for months on end, steadfastly refusing even to speculate on the nature the house would take. Frost picking into Avery during rotation? No idea, they said—we'll see what happens. Would the new residence take on the traditional, self-governing form of a house? No comment. The time, they are keeping on, is not yet ripe. Trained jugglers and sword-swallowers performing for the faculty's enjoyment? Maybe, maybe not; it's all up in the air, they repeated. And now, in the above honest paragraph from (one presumes) the Public Relations, we learn the true, long-planned nature of this house, this Avery (better, Avarice) House. It will be a temple dedicated to a corruption: a perversion of Caltech's original mission as specified in the Catalog ("the training of creative scientists and engineers") into another aim—a farm for financiers, a breeding ground for businessmen.

That is Avery (better, Development) House will be born, like one of those monolithic monstrosities, fully formed from the adhesive genius of Stan Avery, with its character stuck onto it like a strange attempt at geotechnical engineering. House members too often indulge in two contradictory notions: that each house's character is of some extent immutable, and yet on the other hand that its personality is subject to the whims and inclinations of the entering class. Both these attempts to describe house character are inept: houses started different than they are now, and at the same time the inertia of the sophomores, juniors, and seniors keeps the frost from transforming a house completely. Avery, as described in the flyer we received in the mail, will suffer from the worst of both tendencies. Its identity as Business House will be carved to some (if not literally)—one imagines life-size statue out front depicting a heroic Sie Sticker—then at least figuratively. It will even, sad to say, have a "program." What is this? Techies, a definition is in order. A "program" is a set of events planned for students by non-students, because the former are too small, fragile, and businesseshieless to know what's good for them. A "program," in short, is medicine for the social organism, and the good people in Dabney Hall, first and third floors, will kindly administer it to us. But this immutability of mission ("a permanent display of memorabilia from Stan Avery's remarkable career") will be counteracted by an equally odious consequence: a lack of steadfastness in which the social calendar of Avery will be set by whichever office-supplies or chemical instrumentation magnate happens to sweep into Pasadena for the weekend.

Avery House is probably modeled, at least in part, on Cornell's Telluride House, in which guests are invited to spend days, weeks, or months in the (self-governing) House's spacious and elegantly appointed rooms. But, in the case of Cornell, these invited figures are of intellectual note, not hoped-for; they are possessors of worthwhile and challenging philosophies whom the House expects, on occasion, to disagree with.

The business of Caltech, to paraphrase Coolidge, is business. These visitors come not to engage in discussion, not to see Caltech, but rather to have the Institute tell them just how happy it is to receive their eminences, yet etc. Avery House will embody the spirit of entrepreneurship," says the flyer. Strange that the number of successful businessmen Caltech has produced have come from such an unentrepreneurial house structure. Strange, too, that the plan for Avery's eaves in the mind not something intriguing, like an idea, nor even something gossamer and intangible, like a spirit, but something as literal an entrepreneur once wrote, "weary, state, flat and unprofitable."

ASCIT FRIDAY NIGHT MOVIE

James Earl Jones Jeremy Irons Matthew Broderick

are

THE LION KING

BAXTER LECTURE HALL 7:30 & 10:00 P.M.

$1.50 for ASCIT members $2.00 for others

Next Week Keanu Reeves Mary Shelley's Frankenstein

Space Fillers

Caltech SEDS Ice Cream/Movie Night featuring Spaceballs, Blade Runner, and The Puppet Masters Saturday May 6, 1995 in Winnnet Lounge, 7:00 p.m. No charge, all members of the Caltech community are invited.

The Caltech Space Society is going on a trip to Huntington Beach. Spend a couple hours de-stressing on the sand. We will be meeting at 3:30 p.m. on Saturday at the Red Door Cafe. Bring a towel, sunscreen, swimsuit and warm clothes for at night. Food and drinks will be provided. Please RSVP by Friday night so that we have rides and food for everyone. Drivers will be reimbursed for gas. We should return at about 9 p.m. As usual, all members of the Caltech Community are welcome. For more information, or to RSVP, please call 568-8028 or email csa@cco.caltech.edu

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Daily 3:30, 8:30 p.m.
Sat-Sun Bargain Matinee 2:30 p.m.
A Season of Firsts for Women's Tennis

By Monica C. Sharman

Last week the Caltech Women's Tennis team seized a first ever win over Occidental. With an overall record of 5-6, the team will be unleashed. The shot put team is in charge of the KELROF. The winning team reached only 188 miles and the 2-man (Chris and I) rested after 100 miles. Kumar Raman, Chris and I are in charge of the KELROF this year, and we are attempting to bring back some of the Steve Kellogg spirit and passion for the race from the old days. Stay tuned to the Tech for more announcements. Right now, all you need to know is KELROF is Saturday, May 27th, at 9 a.m. Until then, eat nails!

By Monica C. Sharman

Last week the Caltech Women's Tennis team seized a devastating 7-2 victory over Whittier College, historically one of the team's most challenging rivals. The Wednesday, April 26 match brought out the best in the team, who under Coach Karen Nelson, dominated the last home match of the 1995 season well prepared, both physically and mentally.

A closer look at the individual scores quickly reveals the extent of the Caltech players' domination over their Whittier opponents. In singles, senior June Fujimoto had an unbroken control over every game, finishing off her match at 6-0, 6-0. Senior Monica Sharman and freshman Alexis Johnson ended solidly with scores of 6-0, 6-1 and 6-1, 6-1, respectively, while junior Angie Bealco, a newcomer to this year's team, gave away mere two games to end at 6-2, 6-1. Junior Vanessa Valverde also fought a tough battle which ended at 4-6, 4-6, and freshman Jen Wong fell to her opponent at an intense three sets of 6-2, 4-6, 2-6. The excitement continued throughout the doubles matches, solidly with the #1 spot. Sharman and Johnson defeated their opponents 6-0, 6-1, while the #2 team of Fujimoto and sophomore Lena Petrowski breezed by without losing a game.

The strong force of aggressive freshness and newcomers combined with several seasoned players puts Caltech Women's Tennis in a favorable position for the annual SCIAC tournament, which will be held May 5-6 at crunch College in Redlands. With an overall record of 5-6, the team will enter SCIAC's ranked at number 5, the best ranking in the history of Caltech Women's Tennis.

Other notable highlights this season were their first win against La Verne since 1990, and their first ever win over Occidental.

by Tom Domkauskas

May brings with it that time of the year that everybody looks forward to—Tennis. For those of you who have been living in the computer lab for the past several years, KELROF is a 24-hour Friday-Funday race on the track here at Caltech. Teams from 2 to 10 people tackle this formidable task both by day and at night.

Who would ever come up with such a masochistic ritual? I have tried to answer that question by piecing together information from the KELROF archives (a box of papers in Chris' carry-All). The excitement continued throughout the doubles matches, solidly with the #1 spot. Sharman and Johnson defeated their opponents 6-0, 6-1, while the #2 team of Fujimoto and sophomore Lena Petrowski breezed by without losing a game. The excitement continued throughout the doubles matches, solidly with the #1 spot. Sharman and Johnson defeated their opponents 6-0, 6-1, while the #2 team of Fujimoto and sophomore Lena Petrowski breezed by without losing a game.

by Monica C. Sharman

by Monica C. Sharman
HIC Minutes: May 2, 1995

Present: The IHC and Nestor who arrives late.

- Intercollegiate tennis practice continues with the Interfraternity and games this week. Games are to be rescheduled to 7:30 p.m. the day they were supposed to be played. Individual house problems should be taken care of by Ath men.

- The new housing contract will be done soon. There is a new policy for single rooms that is similar to what is going on now. These are to be a mini house. Each floor has all spaces not filled to capacity and students will be allowed to choose to enter the mini-lottery or remain in their room and not enter it.

In general, Housing is taking the recommendations we gave them.

Greg Henderson told us what he will do so we can avoid giving parking citations, he wants to be able to contact people when their car is parked illegally. If you get a ticket he can’t revoke it, it’s out of his hands, but he will help you fight it if you file it to revoke it.

In the parking structure you can park in unreserved spots, and on weekends you can park in the Arkansas lane, designated as 24 hour temporary permit spaces (RA’s etc.). If you will be parking on the Olive Walk and will be leaving for a semester, you can apply for temporary period of time (unloading for social event etc...) please call security and tell them. Greg also pointed out that the problems experienced at the parties were from people who came with the house.

IHC Secretary

$ IHC Minutes: May 2, 1995

Present: The BOD - Laura, James, and Kanna (all late) + Mason, Jeep, Tae, and Terry * Darth + Jenny

- Happy Secretaries Day! I never thought I’d say that. Yeah.

- Joy says that the careers and involvement of women in science at Caltech, Jenny also says the Women’s Center also works does events such as “Take Your Daughter to Work Day” and the Mentor Program. The Women’s Center, the BOD, and the ASCIT (I don’t know either)

- It’s 4:10 Mean Solar Time. Gavinn enters.

- Jenny enters (one of the Big T editors) He enters as He BOD to vote upon the Big T budget and the Interhouse Budget and budget 5-0. (Go) Apparently the ASCIT BOD needs a picture for the Big T. They are also supposed to do something as well. David Wang leaves.

- The BOD interviews Tae for Tech Business Manager. shibboleth (screaming) (WHAT).....oh (the Harry Potter series)

- Ken leaves to get Jeeps. Jeeps leaves. Cherokee is nowhere to be seen. (pause) James enters. Kanna enters a minute later. Wei-Hwa enters 2 minutes after Kanna.

- Kanna wants to talk about the BOD passing a resolution (lame) and passes the proposal 5-0-2. Greg asks for notification of multihouse events before the actual event takes place. Ken is ridiculous in actuality and proposes that all requests for funding should be in before Drop Day. James rationalizes giving house money before events helps to promote the events. However, the house has already held the event, giving the house multihouse money at that point does not promote the event. The BOD passes a resolution (6-1-0) as follows:

The BOD must be informed of a multihouse funding request either in person or through the social director before the event is funded.

Greg of the prefrosh party was great and that the social team did a b...angup job (those weren’t his exact words, but he wasn’t exactly wrong, so that’s how it works), social team consists of Jon Allen, Kristie Armentrout, and Robert DuVal. Big T told Ken that the Caltech Y is a tremendous resource. Greg’s planning to break ground for the oil well in the north corner of the Y Lounge, and he believes there might be a copper vein within the Caltech Y. The BOD discusses the Tech Business Manager. Steve “Psycho Fish” Van Hoozer enters the room. Corporation to look for Francisco Gutierrez on becoming the Tech Business Manager. It only took us a month to find one.

- Shay Chinn enters. Laura enters. Gavinn, seeing that there are all five Tech editors and all nine BOD members present, names an emergency immediate universal and leaves. Heat flows from a cold body to a hot body, and they form a subcommittee to propose amendments to the Bylaws to the BOD about the Inside World in SAC 44 above ground by and

- Large within a week. Motion to create a subcommittee consisting of two BOD members and two Tech Business Managers passes 7-0-1. The members of the committee are Steve Steiert, James Honaker, Terry Moran, and Shay Chinn. Dennis and the editors leave.

- Melissa has nothing new.

- Laura says there’s a problem with the signups for the van. The chains the KSA bought have no retainers but the chains that the Faceplant Club bought. Laura also promises she’ll put copy account request forms somewhere available within a period of time. Finally, Laura adds that some people want the old coipier to remain in the copy room because coin-op is conve-

- Ken has nothing new.

- Tom will meet with Gregg Henderson to discuss Olive Walk parking. Also, the GSC is looking into having an optional dental plan for Caltech students.

- Jenny has a question (nosing new)

- Dave says he’ll put up signups for Big T and Totem offices (and Movies Chair). Dave also says there’s not enough time to write minutes before the Tech deadline, so he’s going to Tech and write the minutes later.

- It’s later.

- Jon met with somebody from the Michigan Technological Institute. Jon also says we need to discuss Ath funding. No, we’re not funding the Athenaeum. We don’t have that kind of money. We have another kind of money. Change, anyone?

Respectfully submitted but not typed:

Liz Young

ASCIT Secretary

$ ASCIT FORMAL: If you’re one of the people going on the 20th, I need money from you. Write a check out to ASCIT, put your name and house number on check (if you’re going as a couple) on the line at the bottom left-hand corner of the check, slip it under the door of Blacker room 20 or Greg’s room and wow, you’re one of the people going to the formal. It’s as easy as one-two-three.

$ CLUBS: Just because you were allocated money from ASCIT does not mean I’ll automatically send you the check every term. You’ll have to ask me on a term-by-term basis. Also, all the clubs that never handed in a budget request and haven’t contacted me, your deadline is by the next BOD meeting next Wednesday. After that, I’ll have to abandon you. The secondary budget allocation for a club will be announced in next week’s Tech. I hope some notable clubs that have yet to contact me at all: Men’s Glee Club, The Caltech Hong Kong Students Association.

Some clubs that have contacted me but have been flakes: CSSA, Racquetball Club, well, you know who you are. You can find me in Blacker 20 or if you really don’t find me, email me at kannas@ugcs.

$ MORE CLUBS: Trends on how the club money was decided:

1) How flashy you are. If you had BIG events when a lot of people showed up, we were generally generous. Case in Example: IEEE with its EE Social

2) Longevity. We up the money for groups like the Jam Room and the Student Shop. Anything that promotes a major social function is beneficial for the whole community. Would you be able to survive without the Jam Room PA stuff? Hmmm?

3) Number of ASCIT members. We actually did a break-down of the club money per ASCIT member for each club and tried to even things out.

$ AVERY HOUSE: Should Avery House be an eighth house? If you have a strong opinion about this, you should talk to the BOD. There are about two other house committee or ASCIT/HIC members, had dinner at the MOSH’s house and have been very enthusiastic and really wanted some feedback. Since it will house over 100 undergrads, and have its own dining facilities, it would be natural for it to become an eighth house. If you end up in Avery, you’re pretty much going to be spending most of your time there, and eat there with the other people in Avery. Isn’t this enough to convince another house? Avery should be up and ready by the fall of ’96. This will be the year when this year’s sophomores will be seniors. The immediate question seems to be what the new incoming frosh of that year live in Avery? If they do, who will pick them? Null over it, and tell people like Kim West or David Wales what you think. They’d appreciate it.

$ Thanks to everybody who showed up for the prefrosh party. The party was DJ-ed by War (alum), Alex Lin, and Anthony Moliario. Alex apparently managed to get $400 worth of lighting for $20. As War put it, “we pretty much took all that the store had left.

It would be nice if we had other events besides parties. The barbecue organized by Jim Pierce and the frosh night out apparently turned out great. It seems like it’s always the same people who show up for parties anyway. As Tom Maccarone pointed out, there are people who find parties a bit intimidating, and would be “more fair” if ASCIT sponsored a variety of events. Each event would have an investment level of money, which you could get their ASCIT-thus worth and more. Think up something better to ask your nearest BOD member. Or let your dog do the typing and mail to ascit@cco.

Clockworked and orange (fresh, of course), Kanna
leagues established that lead is present in the environment in huge quantities—at levels up to a thousand times greater than in ancient times.

Patterson obtained natural background levels for a variety of tests by testing snow samples that he retrieved from the icecaps of Greenland and Antarctica. He developed novel techniques in order to conduct these extremely precise analyses. From these analyses, medical research had established medically significant consequences of lead poisoning at lower and lower dosages. The medical lead literature had added lower levels of intelligence in exposed children.

Patterson traced a chain of lead contamination from the gas pump and other environmental sources directly to the human blood stream. His research gave rise to a political effort that resulted in a phased end to the sale of leaded gasoline. Other government action has cleaned up such sources of environmental lead as paints, water pipes, food containers, and smelters.

Environmental scientists Mitsuboshi Tatsumoto and Todd K. Hinckley of the U.S. Geological Survey nominated Patterson for the Tyler Prize. "The connection between the scientific and the humanitarian sides of Patterson's work are stronger than may have even been the case in [nonmedical] scientific research," they wrote.

"Patterson has never shunted statements of his results to accommodate or placate special interests. The scientific community or outside... The lesson has been given to other scientists that, if they have

exhaust duct could be removed, and the kitchen sink was cut into the counter to stop the wood from splitting. There, the beautiful but huge trees were trimmed back from the house by Steven's Tree Service. (It was incredible to watch those guys swing around in the tree and hold their chainsaws at arm's length with one hand!) Countless other time, product, and financial donations from Pasadena's businesses helped make it all happen. In Peter's words, "I think everyone who came in and worked on the house..."

All told, over 300 volunteers turned out to help with renovations on the seven houses adopted in Pasadena by Christ­mas in April this year. Although all the houses underwent beautification, including painting and yardwork, the most important aspect was safety. Efforts made to help the houses' owners continue to live happy and independent lives. Nationwide, since its start in 1989, Christmas in April has performed $26 million in renovations on 18,500 houses, with the help of a half-million volunteers. Counting this year, 32 homes have been renovated in Pasadena. This shows how the impact the program has had in living by its motto, "Making a Better Community One House at a Time."

Andy Cameron has led Caltech's charge into the Christ­mas in April program. Although as 615 Howard's house co-cap­tain he was a blur of activity and organization on the actual work­days, his commitment to the program has been year-long. Andy is a member of the 1995 Board of Directors, and as Chair of the Volunteer Committee he worked hard recruiting volunteers and organizing them into teams for each of the houses.

Andy wasn't the only one from Caltech helping with the project. Beyond the obvious contributions of the students (7 undergrads and 2 graduates) that showed up on Saturday, Athena Castro at the Caltech Y organized an all-student, all-electronic group for both relays. Bergeron and Greenberg will also be contest­ing the open 400-meters and Matt Metz is making a solid charge in the 110-meter hurdles. Both remain in top form. The meet starts with field events at 1:00 p.m., running events begin at 3:00 p.m. Come on out and shout your approval and excitement.

FROM PAGE 3

I'M REבחרING FROM MY MEDIA EMPIRE AND AM NOW OWNING A VAST WEALTH INTO REAL ESTATE.

MY FAMILY IS GEOPHYSICIST. WOULD YOU SIGN MY BOOK TO EACH OF THE CONTINENTS BY NAME?

FROM PAGE 1

WON'T PEOPLE SHOW YOUR VIEWPOINT TO BE FLACED dY VTIRE OF THEIR INTELLIGENT QUESTIONS?

DILBERT® by Scott Adams

I'LL PROMOTE MY UNIQUE AVAGPRATIVE VIEU POINT THAT PEOPLE ARE IDIOTS WHO DESERVE TO BE PATCHED.

DONEBET'S TALK RADIO

I'M THE SMARTEST CREATURE IN THE UNIVERSE AND YOU ARE ALL DOLTS.

RUNNING BEAVERS

I'LL PROMOTE MY UNIQUE AVAGPRATIVE VIEU POINT THAT PEOPLE ARE IDIOTS WHO DESERVE TO BE PATCHED.

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Ath Election Results

<table>
<thead>
<tr>
<th>Votes:</th>
<th>Grace Yang</th>
<th>&quot;No&quot; other abstain</th>
<th>total</th>
<th>error</th>
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<tbody>
<tr>
<td>Init results</td>
<td>81</td>
<td>39</td>
<td>40</td>
<td>7</td>
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<tr>
<td>First resid.</td>
<td>84</td>
<td>0</td>
<td>45</td>
<td>38</td>
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Grace Yang wins election with 84 redistributed votes. A candidate must have an absolute majority to win.

Initial results: absolute majority = \(1 + \frac{1}{2}\) (number of correctly-cast non-abstaining votes) = 85

First redistribution: absolute majority = \(1 + \frac{4}{2}(167-38) \approx 70\) (rounded up). Grace wins with absolute majority of 84 vs. 70.

April 17

Lost Item

At approximately 5:30 p.m., victim accidentally left an Apple portable computer valued at $2,000, in the parking area near 320 South Chester. Anyone with information please contact security.

Vandalism

Victim parked Blue Chevy Truck on the north side of California Blvd. at 7:50 a.m. Upon returning at 12:00 noon, discovered the passenger side window shattered. Nothing was taken from vehicle.

Attempted Break-in

Victims returned from vacation and discovered the lock on the apartment door was loose. Entry into the apartment was not made.

April 18

Theft

Two bicycle tires, valued at $70.00 were taken from the Catalina complex. One front tire was taken from a bicycle parked in the 180 Catalina apartments; a rear tire was attached with a quick release.

Theft

Victim left his wallet with other items inside an unsecured locker in Braun Gym at 9:00 p.m. Upon returning at 9:45 p.m., $20.00 was missing from the wallet.

April 21

Homicide

Victim, Francisco Mora was shot by the east entrance of SAC building off California Blvd. Suspect has been identified. Pasadena Police responded.

April 22

Theft

Four victims left their purses in room 238 of the Ruddock House at 6:30 p.m. Upon returning at 7:00 p.m., discovered money taken from their purses. A total of $245.00 was taken from the purses.

Injury

At approx. 9:30 p.m., a subject approached security on Olive Walk and stated that his wrist was injured while playing tag. He was transported to Huntington Memorial Hospital.

April 24

Injury

Victim slipped off front driver's side fender while exiting truck and hit his head on the pavement. Paramedics responded to the scene and transported him to Huntington Memorial Hospital. The victim was not Caltech affiliated.

April 17

Crime and Incident Beat

The cover of the airbag was partially removed. Nothing was taken from the vehicle.

Theft

Red Murray bike, with child seat, valued at $140.00. Victim parked bike at the Noyes Lab bike rack at 9:15 a.m. Upon returning at 12:45 p.m., discovered the bike missing.

Theft

Honda driver's side airbag, valued at $1,200.00. Victim parked vehicle in the North Lara Lot at 8:30 a.m. Upon returning at 5:45 p.m., discovered vehicle unlocked and the driver's side airbag and cover plate missing. Suspect gained entry by forcing an object just below the driver side door handle. Pasadena Police notified.

April 20

Theft

Front bicycle tire, valued at $50.00 was taken from the Baxter building bike rack. Victim parked the bike at 9:00 a.m., returned to the bike at 6:30 p.m. and discovered the tire missing. The tire was attached with a quick release.

Hey, we're not kidding; we're desperate. Just look at the staff box. We need people. We also need writers, photographers, layout trolls, and in general, anyone who can be coherent occasionally.

Drop by the Coffeehouse at noon on Fridays. Or else.
Rock Bottom Restaurant

Expensive, Tasteless English Food

by Michael Kanter

In my continued attempts to get a good steak in Pasadena, I visited Beckham Place. I always wondered about the restaurant that had the funny car out front, but never took the time to visit, until now. The Entertainment Card book (a Christmas gift) listed the restaurant as a midscale dining experience with the atmosphere of an English pub. The food sounded interesting. Feeling frugal and with a half price discount (from the Entertainment Card), I decided to try it.

Most items on the menu sounded promising. Unfortunately, the food never lived up to its descriptions. My date and I started with mushrooms stuffed with crab meat. The crab meat had no flavor, and the mushrooms were very dry. We hoped our entrees would be better. I ordered the pepper encrusted steak, she ordered the bacon wrapped filet mignon. Both came with twice baked potatoes, vegetables, and creamed corn. Steaks were nicely cooked and well sized (large), but lacking in flavor. The vegetables were an afterthought, even if the restaurant is not. Entrees are the last names, derived from the house name itself: Lloyds, Page Boys, Ruddles, Ferns, and Darbs. And, of course, there are the ironic names: Moles, and Scurves.

• From this point forward, we, the denizens of the House of Avery, shall be known as "Oosiks" (pronounced "oo-sicks", singular "Oosik"). For those interested in the derivation, think Avery, ivory, walrus. "Oosik" is a native Alaskan word relating to walruses.

Thank you for your cooperation. Respectfully submitted by Milton Avery (1895-1965)

Point Totals:
Avery House: 61
Blackeker Center: 89
Dalney: 0
Fleming: 0
Lloyd: 0
Ricketts: 0
Ruddock: 0

Imagine a technologically advanced world in which nothing works; and imagine a man with no dreams, except of love. Then imagine that in order for such a thing not to happen, he must kill someone you love, you have to fill out a form J2SB. That might give you some picture of the movie Brazil, directed by Terry Gilliam, formerly of the Monty Python troupe. The movie is a vicious satire on government inefficiency and bureaucracy, and especially on the "tongues" between England and the territory of Northern Ireland, depicting Sam Lowery fighting an endays frustrating war filled with terrorists, plastic surgeons, heating engineers, interrogators, and of course, his mother.

Brazil begins on a Tuesday, somewhere in the 20th century, at 8:49 p.m. In this movie you will find "heating engineers" that are alternately terrorists (played by Robert De Niro) or mindless thugs, and you will find Sam Lowery (Jonathan Pryce), from the Records Department, whose mother knows simply everybody, and isn't afraid to show it. In the Records Department Sam has absolutely no chance of being noticed by anybody, and the way he likes it, until Archibald Battle: shoe repair operative, is mistaken for Archibald Tuttle: heating engineer (his good friends call him Harry). Battle is abducted by the minions of the Ministry of Information (M.O.I. for short, which you might recognize as "me" in French). The M.O.I. is a sprawling bureaucracy which is responsible for everything, and thus can be held accountable for nothing. Jill Leighton (Katherine Helmond), the woman of Sam's dreams, is witness to this mishap, which marks his entry into an "institution to assist operatives of the Ministry of Information".

Terry Gilliam is notorious for going over the top on everything, and sticking in every little detail that he thinks of as filming goes on, and Brazil is no exception. The architecture and settings are downright awe inspiring, both in their magnitude and horrific irony. That's really what this movie is all about: irony after irony after irony, all in fantastic detail. Pay attention to the government propaganda posters throughout the film; some of them are hilarious, like "Power now. Problems later," at the nuclear power plant where you will find a dozen or so workers in radiation suits playing volleyball. This movie is one hour and twelve minutes long, and is the only thing to happen to biology, this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to this whole "Center" bullpoopie? We displaced our members have taken it upon e illumination to be held early February. The Rachel will be in Cherry kitchen battling valiantly in chess. He good enough to
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From page 1

COPING WITH TRAGEDY

The results described above are normal reactions to an abnormal situation. We will deal with this in different ways, that are based on our personal ways of dealing with the kind of support we receive from others. Something that we do about loss is that acknowledge it helps. Reaching out to others reaffirms the value of human contact and can comfort those who reach out and those who receive it. It helps us accept what has happened and find a way to go on without forgetting what means so much: a person's life and our need to feel safe.

If you would like to speak with someone about Javier's death or anything that his death has brought up for you, I encourage you to do so. Student's can contact the Counseling Center at x8351 and staff and faculty can contact the Faculty, Staff and Counseling Center at x8500. In individual or other Stu- dents may find it helpful as well. I hope you will consider talking with someone at these services or seek out friends with whom to talk.

From page 1

SCHOLARSHIP WINNERS

The effective and inspirational leadership she provided in her participation in student government and extracurricular activities. Angie has given a great deal of service to the entire Caltech community by participating on the Caltech Y-Board of Directors, the Caltech Women's Advisory Board, and serving as Treasurer of the Society of the Sigma Xi. Angie has worked briefly as ASCIT President during her sophomore year. Her election as sophomore as a tribute to her high visibility and her degree of participation in student activities. She has also been involved in formal training, and participating in women's intercollegiate volleyball and basketball.

You can find Angie in any of the student houses talking to people about anything and every campus issue to travel and basketball. There is not doubt that Angie is very deserving of the Bibi Jenishi-Nilsen Memorial Award.

David Chavez, Awarded Beinecke Brothers Memorial Scholarship

David Chavez, a junior majoring in chemistry, has been awarded a Beinecke Brothers Memorial Scholarship to be put toward his graduate education. This was the first year Caltech was invited to nominate a junior for this scholarship. Nominees are considered for superior academic record, character, and ability, and sense of purpose. Sixteen awards were given this year from a total of 46 nominations. The Beinecke Brothers Memorial Scholarship Program was established to commemorate three brothers Edwin, Frederick, and Walter Beinecke—through awards to young men and women of exceptional ability and achievement. Since 1975 the program has selected more than 140 college juniors from schools for support during their senior year and for subsequent years of graduate study at a university or professional school.

Students Awarded Barry M. Goldwater Scholarships

Eric Dickson and Jane Brock have been awarded Barry M. Goldwater Scholarships. Eric is a junior majoring in theoretical physics and Jane is a junior majoring in chemistry. The Barry M. Goldwater Scholarship and Excellence in Education Foundation awarded 285 scholarships for the 1994-95 academic year to undergraduate sophomores and juniors from all fifty states, the District of Columbia, Puerto Rico, and the United States Territories. The Goldwater Scholarships were selected on the basis of academic merit from a field of more than 1,300 mathematically, science, and engineering students who were nominated by the facilities of colleges and universities nationwide. The Scholarship Program honoring Senator Barry M. Goldwater was designed to attract and encourage outstanding students to pursue careers in the fields of mathematics, the natural sciences, and engineering. The Goldwater Scholarship is the premier undergraduate award of its type in these fields.

Roman Muchnick Wins Frederik J. Zeigler Memorial Award

Roman Muchnick has been chosen to be this year's winner of the Frederik J. Zeigler Memorial Award. This award was established in 1989 to honor Frederik J. Zeigler, a member of the class of 1976 and an applied mathematician major. The award is given to a pure or applied mathematician junior in the senior year or junior who has shown excellence in scholar- ship as demonstrated in class activities and preparation of an original paper or essay in any subject area.

Roman is a junior majoring in mathematics. He was previously awarded an H. J. Ryser Scholarship for academic year 1994-95. The award was based on the recommendations of his mathematics professors, success in classes and interest in math- ematics, which he exhibits to a high degree.

Last summer Roman attended a research program at Louisiana State University, Mathematics Research Experience for Under- graduates, and worked in the area of algebraic geometry. One of the papers he wrote based on his research is titled, "Bounded separation problem in dimension 2." It has been placed in competition for a Bell Prize.
The annual Caltech Bike Rally was held Thursday on the north side of Winnetka. At least 40 bikers and their families gathered by some point or another, and over 55 registration forms were filled out in support of Caltech Bike Commute 1995 (and for the chance at winning various prizes both locally and city and statewide). While the usual hap hazard organization delayed the prize drawing until a little later than originally desired, we did finally manage to find winners for all the various prizes being given out, with Graeme Whittington riding away on the grand prize commuting bicycle. The audience participation "Ugly Bike Contest" was won by Jack Segel with all sorts of odds and ends hanging off his particular 'aesthetically challenged' two wheeler.

Reporters from the Star News and L.A. Times were on hand to cover the festivities, and participants were able to snag on a variety of cookies while awaiting the prize results. Perhaps next year we'll be a bit better organized in our efforts to persuade the motorized masses that the bicycle just might be a better way to get to work and back. Further info on our Cycling Commuting Incentive program can be obtained from Riley (the Iron Tortoise) Geary at 252-221, x694, or email to: riley@bombay.gps.caltech.edu.

The previous editor was startled to find out that Caltech had chamberlens of its own.
The Pasadena Symphony will be holding a free concert Sunday, May 6th, at 10 a.m. in the Beckman Auditorium on Campus. The program will include Beethoven's Piano Concerto No. 4 and Tchaikovsky Symphony No. 5. For more information, call the Pasadena Audition Box Office at 449-7560.

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Parishioners and Seminarians

The Harry S. Truman Scholarship Foundation, established by Congress in 1947, is the federal government's premier leadership award. The Foundation awards $30,000 merit-based scholarships to junior-level college students who wish to enhance their leadership potential and to provide the nation with highly qualified leaders for government in preparation for careers in government or other public service. Scholars may attend graduate schools in the United States or in foreign countries. In 1995, $30,000 awards were granted to 51 Truman Scholars. They will receive leadership training, graduate school counseling, preferred admission and merit-based fellowships 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 $7,000 for graduate studies. The Foundation defines public service as employment in government at any level, including nonprofit organizations, public interest organizations, nongovernmental research and policy organizations, and public service oriented nonprofit organizations. Furthermore, graduates are expected to pursue careers useful to society. Finalists are selected by a committee of the Foundation. Applicants must be U.S. citizens and have a minimum GPA of 3.0 in four-year colleges and a minimum GPA of 3.5 in two-year colleges. The application deadline is February 15, 1995. To apply, send the application and supporting documentation to the National Truman Scholarship Foundation at 1200 New York Ave., NW, Washington, DC 20005.

The Coalition of Higher Education Assistance Organizations announces three $100,000 scholarships to students at Caltech. The applications must be submitted to the Financial Aid Office, 210 Pasadena City College, before April 1, 1995. A panel of judges will review the applications and select the recipients. The Coalition of Higher Education Assistance Organizations is a group of non-profit organizations that provide scholarship aid to students of all abilities and nationalities.

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