



North House Students Play Super Fashion Pony Dress-Up Dream House

By DAVID CHEN

Students designed their ideal North House last Saturday in the second workshop discussing renovations to the North Houses.

During the previous workshop, the students brainstormed properties of an ideal alley. They wanted rooms that could change size. Vertical height is also important to allow students to build lofts. Besides just constructing lofts, the attendees felt that the architecture should facilitate a wide variety of customizations.

North House residents also want more private bathrooms, including smaller bathrooms, potentially even singles, and bathrooms in more private areas. At the same time, many desire more access to daylight within the house. This would probably require wider rooms, to allow more window space.

Others requested more connections to common spaces, including multi-floor common spaces and direct connections to outdoor areas from these areas. Finally, students noted that they wanted to accommodate visitors.

Buzz Yudell, one of the partners of the firm planning the North House renovations, noted four alternatives to consider. Current requests would reduce room counts since we would be widening rooms and adding lounge areas. Yet, the Institute has requested that the new North Houses hold 322 beds, so more than two stories may be needed. Caltech has even requested that the arrangement allow space for the construction of a fourth North House.

The primary exercise of this workshop was to model the house itself based on the descriptions of an ideal alley. Pageboys, Lloydis and Rudds split up into five groups, each with about five students.

Each group received a large kit of blocks of different colors and sizes. Longer blocks represented alleys, and the individual rooms and bathrooms were visible on the pieces.

After about an hour, the groups presented their models. The most striking trait is that all modeled

a South House in that all groups desired central courtyards. The models also included accessible roofs and terraces.

In fact, the kits were quite thorough, with blocks representing almost all types of rooms included. Students placed the entertainment and computer rooms, the RA's apartment, the lounges and dining room. The kits included two types of dining rooms, one with rectangular tables like the current ones and one with circular ones, such as those near Chandler, to give less of a cafeteria feel. Some lounge blocks included kitchenettes while other blocks represented only full-sized kitchens.

Responding to the request to accommodate visitors, students also had to place lockers, although most groups decided not to use them. Most groups also chose to place bicycle racks under terraces to provide some cover. In addition, they could include a laundry room in the house, but most groups decided against this. One mandatory addition was an elevator to ensure the entire house would be wheelchair accessible. Students, accustomed to the daily exercise provided by stairs, opted to place the elevator in a corner of the house.

One aspect common to the proposals for a central courtyard is multiple entryways. At the same time, some students expressed concern over the noise that could come from the courtyard. To ameliorate this, one group requested that all bathrooms and communal rooms, such as the entertainment room, face the courtyard so that fewer students would have to study with hammers ringing in their ears. Despite student requests, parking in the houses is not currently in the plan.

Tom Mannion hosted the event, wisely choosing to hold the workshop indoors and providing lots of delicious appetizers and cold drinks. In addition, his fabulous cooking was a great treat. Margo Marshak also attended this event. The third workshop met Sunday, May 29th.

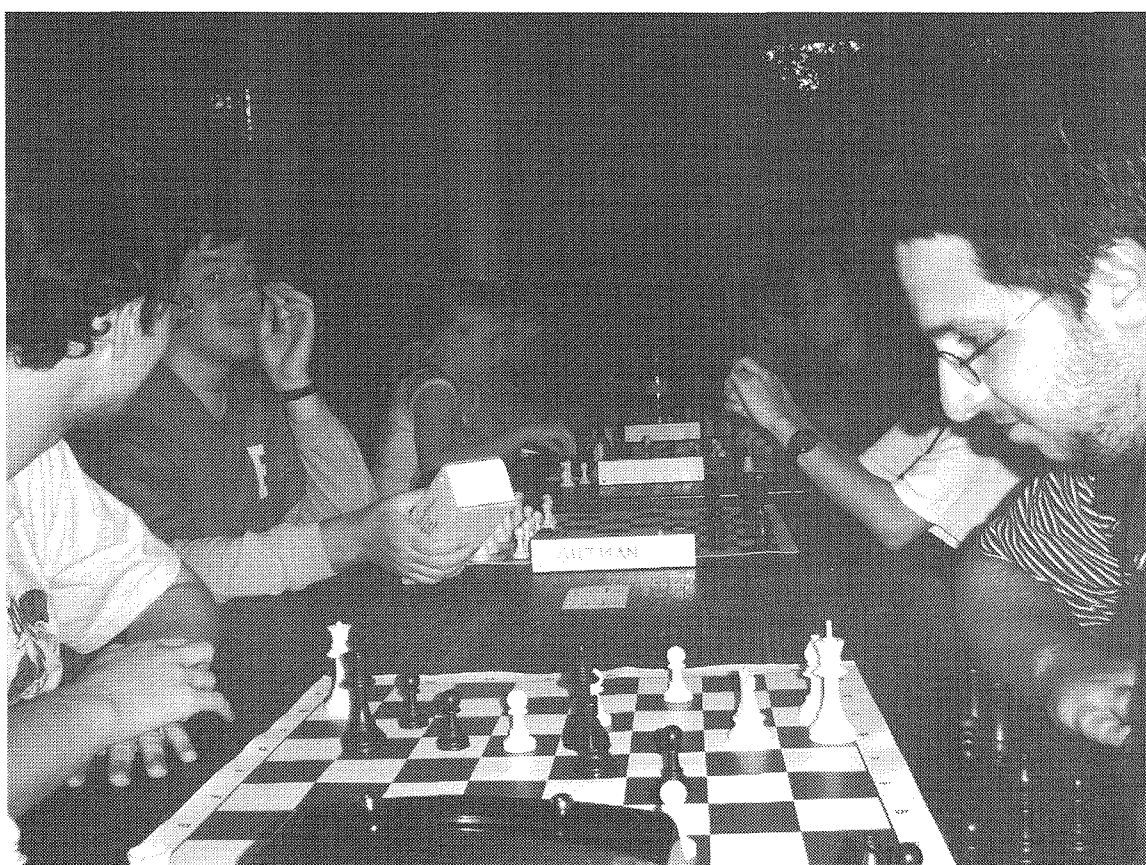


Photo by D. Zeb Rocklin

Novices, Masters Capture Piece of Fun at Blitz Chess Tournament

By D. ZEB ROCKLIN

The Caltech Chess hosted the third annual Caltech Blitz Chess Championship Friday, May 20th in the Page House Dining Hall. The event was free and open to the public, with members of the Caltech community receiving prizes. The event was a success—it attracted thirteen players, most from the Caltech community, but some traveling from as far as Duke University.

Six rounds were played, with each pair of players playing two games per round. The games were quick, lasting no longer than ten minutes, quite a contrast to classical time controls, which often result in six hour games. Fortunately, the tournament was well-run by chess club president and veteran player Patrick Hummel, and the entire event was over in only two and a half hours. Hummel used the Swiss pairing system, ensuring that players would be able to play others at

their level, and that all would be able to play until the final round.

Caltech's two resident masters, Patrick Hummel and Eugene Yanayt, defended their territory, finishing first and second respectively. Mike Lucas finished third and was the only player to defeat Hummel in even a single game, but was ineligible for prizes. Instead, Alexei Dvoretzkii and Marat Gataullin split third place. Talented "novices" Andrei Petcherski and Nikita Panassenko finished first and second, respectively, among novices. A full crosstable of the event is available at www.its.caltech.edu/~citchess/news.html. All told, the chess club gave away \$500 in prizes.

The quick games led to exciting play, sharp contrast to the image of chess as anesthetic. "I forgot how high you can get playing competitive chess," noted Gataullin. "I can only compare

a blitz game to a diamond-black run in downhill skiing."

The chess team has enjoyed enormous success, winning the US Amateur Team West Championship. Most recently, the team defeated MIT in a special match for the second time in as many years. The club meets every Friday at 8 PM in the Page House Dining Hall.

The chess club holds the event every year with a particular eye towards attracting new membership. In this respect the event was a success, attracting many new and strong players. While the chess team is strong, regular club meetings are very relaxed and friendly toward the novice. "You won't be expected to play 20 simultaneous chess games your first day," joked Hummel, referring to his own simultaneous exhibitions, which have become a popular fixture of the Prefrosh Weekend Club Fair.

2005 UNDERGRADUATE ACADEMIC AWARDS

By MALINA CHANG

The Green, Froehlich, Haagen-Smit, Sigma Xi, Henry Ford II Scholar and Zeigler Awards were presented on May 25, 2005, at a luncheon in the Athenaeum, hosted by Dean of Students Jean-Paul Revel and Associate Dean Barbara Green.

Trevor Wilson a junior in Mathematics received the George W. Green Prize. The Green Prize is awarded to an undergraduate student in any class for original research, an original paper or essay or other evidence of creative scholarship beyond the normal re-

quirements of specific courses.

The Jack E. Froehlich Memorial Award is for outstanding juniors in the top 5% of the class. Patrick Hummel, a junior in Applied and Computational Mathematics and Corinna Zygorakis, a junior in Biology, were selected this year.

Mithun Diwakar, junior in Biology, won the Arie J. Haagen-Smit Memorial Award, which is given to a chemist or biologist who has shown academic promise and has made recognized contributions to Caltech.

Brant Carlson, senior in

Physics, received this year's Sigma Xi award. This award is given to a senior for an outstanding piece of original scientific research.

Yang Chen, a junior in Electrical Engineering and Patrick Hummel, a junior in Applied and Computational Mathematics are this year's recipients of the Henry Ford II Scholar Award. This prize is given to the student in Engineering and Applied Science with the best academic record at the end of the third year of undergraduate study.

Po-Ru Loh, a sophomore in

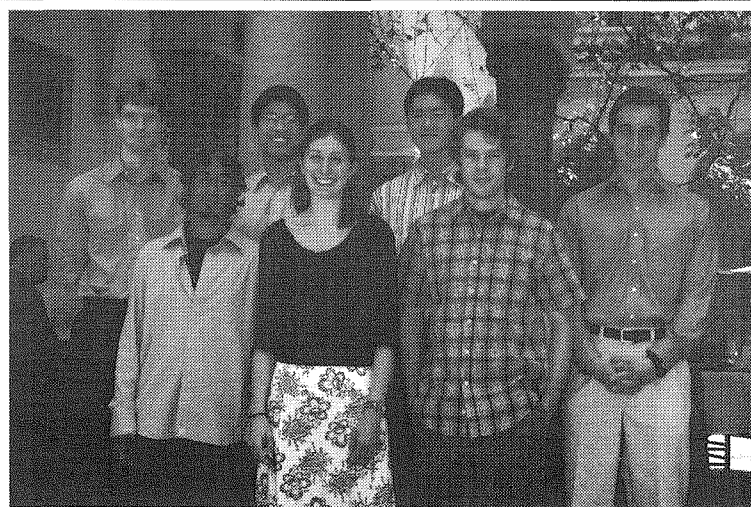


Photo by Herb Shoebridge

The winners of the 2005 Undergraduate Academic Awards

Mathematics has been chosen as this year's winner of the Fredrick J. Zeigler Memorial Award. This award is given to a pure or applied mathematics student in the sophomore

or junior year who has shown excellence in scholarship as demonstrated in class activities or in preparation of an original paper or essay in any subject area.

ARSONS OR ACCIDENTS? Stepping Out

An open letter from BRIAN W. STONE

On 6/4/1996 I filed an employment lawsuit against the County of Los Angeles Sheriff's. I was then and still am an employee of the County of Los Angeles Sheriff's. In November of 1996 my seven year old daughter and I were in our car when we got trapped immediately in front of a burning car. We were so boxed in that we could not drive away. Since we were downhill of the burning car, our car almost caught fire. And, as we pulled away a stream of flames followed us down the hill. I can only imagine what would have happened if that stream of flames had flowed under our gas tank. I wrote the FBI, and they wrote back that it was not their jurisdiction. The judge signed the Statement of Decision for the above lawsuit on 8/29/97.

On 6/5/2000 I wrote the County of Los Angeles District Attorney's Office accusing a fellow employee at the Sheriff's of perjury in my above lawsuit.

On 6/9/2000 Ms. Valerie Aenlle-Rocha, a Deputy District Attorney with the DA's Office, said that her office asked the Sheriff's Internal Criminal Investigations Bureau to investigate the allegations of perjury I submitted to her on 6/5/2000. To date, no one from the Sheriff's Internal Investigations Bureau has contacted me regarding this accusation, despite my letter to the Sheriff's expressing my availability to discuss the matter.

On 6/25/2001 I was attacked from behind as I walked home in the City of Pasadena California, necessitating a cast on my wrist. Despite the pain, I still managed to make my appointment with a private investigator the following day in San Diego. Being dissatisfied with the Pasadena Police Department's investigation into my above attack I made several calls to them to get them to find my attacker. During one of these calls, Pasadena Police Sgt. Villalobos told me that they did not interview Gary Wilson, the only witness to the attack, because Wilson's boss at Kiewit-Washington said that Wilson knew nothing and that he did not want to talk with the Police.

On 9/5/2002 I wrote the U.S. Department of Justice to complain about the Pasadena Police Department's investigation into the 6/25/2001 attack.

On 9/6/2002 I also wrote the Grand Jury with the same complaint against the Pasadena Police.

On 9/19/2002 I provided the

Pasadena Fire Department with a complaint that someone had entered my Pasadena apartment without my permission and put papers on top of my furnace.

On 9/19/2002 I also gave a copy of this complaint to my Pasadena Apartment Management.

On 10/17/2002 my Pasadena Apartment management gave me thirty day's notice to move out of my Pasadena apartment.

This notice made no mention of my having owed any money. On moving day I discovered that I had been sharing my Pasadena apartment's locked, two-car garage with a Los Angeles Police officer, whom I had never seen in uniform. Only he, the apartment's management and I had keys to this garage. Having discovered he was LAPD I wrote them asking them to investigate him, because I had reported to the Pasadena Police several incidents of vandalism to my car that occurred while it had been locked up and parked alongside of this officer's Mustang.

On 2/19/2003 LAPD Commander McMurray wrote me telling me that they would not question him because he had no connection to the incidents of vandalism to my car.

On the morning of 2/24/2003, from the Sheriff's, I faxed the Los Angeles Times a letter expressing my dissatisfaction with the LAPD's failure to question their officer.

On the evening of 2/24/2003 the apartment building next door to mine burned. The South Pasadena Fire Department wrongly typed my address on their 2/24/2003 Fire Report.

On 3/8/2003 I was the victim of a strong-arm robbery in a South Pasadena restaurant after I photographed two men who followed me inside. One of the men had tried to start a fight with me on a previous occasion. I asked the South Pasadena Police Officer who arrived at the scene to send me a Police Report of the incident, to which he replied that, if he wrote a report, I was going to jail.

On 3/21/03 I wrote the South Pasadena Police Chief with a complaint against him. After three written requests to the South Pasadena Police for a report of the 3/8/2003 incident, I finally received it on 4/22/2004.

On 4/29/04 I wrote the South Pasadena Police Chief explaining that the report of the 3/8/2003 incident was wrong in that it failed to mention the guy who tried to put out my eye with a karate blow

and referred to someone else who was not even present. The guy who was not present at the incident did not even have his driver's license number on the report, so even the South Pasadena PD have no basis to dispute my claim that he was not there on 3/8/2003. The South Pasadena Police never interviewed me regarding my 4/29/04 complaint letter to them despite my having contradicted everything that the South Pasadena Police officer had written in his report about the 3/8/2003 incident. I find it amazing that a Police Chief shows no interest in allegations of a false police report.

On 3/17/2003 my car failed to start. After checking the engine compartment, I observed sparks descending down the accelerator rod. While inside my apartment, calling for a tow truck, I heard what proved to be my car completely engulfed in flames. The fire completely destroyed my car.

On 9/13/2003 I photographed a guy who was following me around inside of a South Pasadena Chevron station. I also photographed the license plate on the car he in which he left. As I walked away, he drove along side of me and said, "We're out to get you". That same day, I provided the South Pasadena Police with both of these pictures and reported his threat to me. The South Pasadena Police would not let me make a criminal report of this 9/13/2003 incident, but they did take my report of it on 12/1/2003. The South Pasadena Police never contacted me again about any of the above incidents despite the fact that the report that they took on 12/1/03 showed an association between the guy who threatened me on 9/13/2003 and the guy who tried to put my eye out on 3/8/2003.

Since June of 1994, when I first informed the Sheriff's that I might seek relief in the courts, I have been under perpetual surveillance, and white trucks have recently started tailgating me persistently.

The above are just some of the incidents to which I have been subject.

I maintain that all of the above fires were arsons, not accidents, made against me in retaliation for my suing the Sheriff's and for reporting perjury to the District Attorney's Office. It is hypocritical that the government sentences a former Caltech student to several years in prison for arson while ignoring my allegations.

-Brian W. Stone 05/23/05

By GALEN LORAM

I have never understood why, whenever Beckman Auditorium hosts an event, almost no students attend. I was at the performance of the Capitol Steps, a hilariously awesome musical political satire group who come every year to Caltech, a couple weeks ago. It stunned me to see a total of twelve other students, not counting ushers, three of whom were there because I had bought four tickets and invited them along. Incredibly good seats in the fourth row cost as little as \$5, an amazing deal. The key is to go early in the year, in June or July, to the ticket office. If you ask them what will be good, the friendly and helpful folks in the ticket office are happy to help you. But if you like politics at all, I strongly encourage you to go right now and buy tickets for next year's performance. If it lives up to even an echo of the standard of the last two years, it will be sweet. Take advantage of this and the fact that if you buy tickets to three or four shows at once, you get priority ticketing. And I'm not even their paid shill.

On the same track, one of the keys to enjoying Caltech is to get away from Caltech, not in that permanent sense, but in the sense that Caltech is tiny. And at times a bit claustrophobic.

Escaping from the houses every so often can be really refreshing, a great chance to meet some other interesting folks, a terrific chance

to enjoy the wonders of the city around us. The public events stuff above can be a great escape, but venturing even further can be well worth the leg work. Go and see a concert at any of the three thirty-something concert venues to see any of the many bands who are always coming through town. Go to a club and dance for a night; it proves amazingly cathartic. We have three really great independent coffee-shops in Pasadena that are great places to go and hang out, read, work, chat with friends or just enjoy our beautiful weather: Zephyr, Zona Rosa and Equator. If classical music is your preference, you have the Dorothy Chandler Pavilion, the Hollywood Bowl, and so many more choices.

The beach is 30 minutes away at 4am; the mountains are 40 minutes away at any time of day; the desert an hour and a half, and Mexico is just four hours south. It constantly amazes me when I talk to people who have been off campus only twice in a term. I remember back when I did that first term of freshman year and was unhappy to the point of having started on a transfer application.

Ironically, one of the best things about getting off campus is it reminds you why and how much you like Caltech. But you do have to see the rest of the world to remember what you like about it here. The grass is always greener.

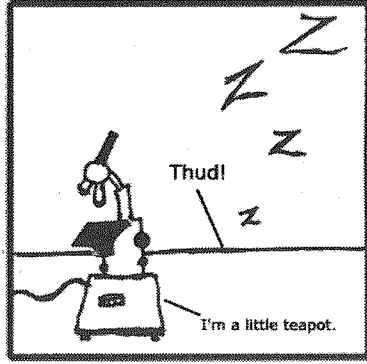
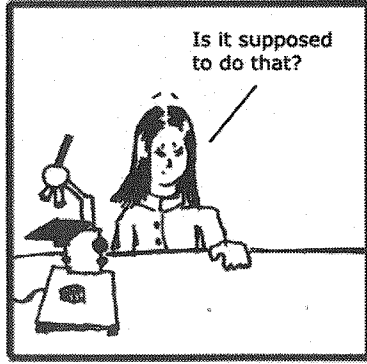
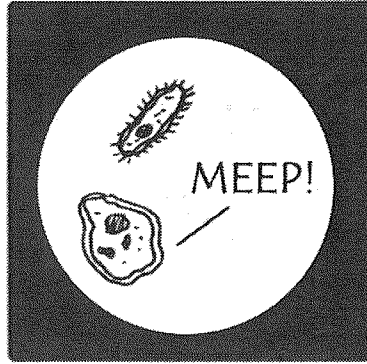
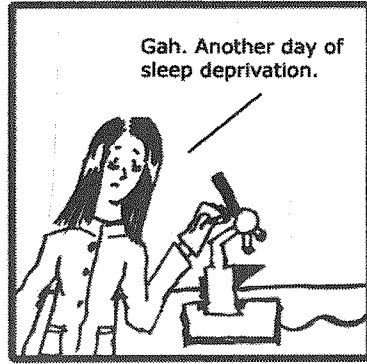
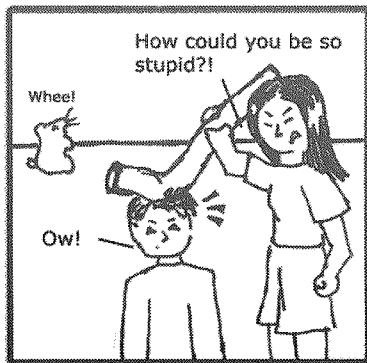
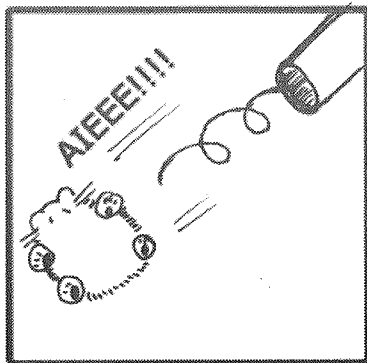
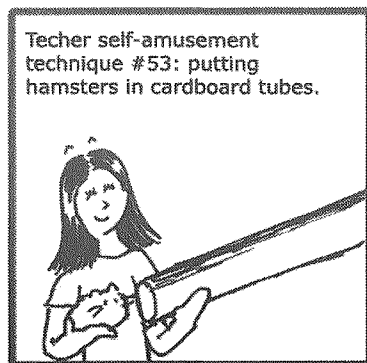
Grass Too Green on This Side

By Jacob Leonard King

Nearly every week day, for an arbitrary half hour between 9 and 10AM, a hybrid of oversized lawnmower and undersized SUV plows along to ensure that the grass south of Marks House is of uniform length. Most Techers remain indifferent to whether this property holds for their own hair, much more so for the wide patches of turf crammed between paved walkways.

To offset the continuous layered removal of grass, Caltech buys an absurdly large quantity of water to spray daily on this grass so that it continues to grow despite living in a des-

ert. Besides the misplaced cost of this venture, conservationists must question the ethics of wasting a subsidized commodity rare to and necessary for the entirety of Southern California. On the other hand, the dominant drought-resistant plants which do populate the areas surrounding the seven Hovses are cheap, ugly ferns. Instead of investing in more attractive desert flowers and whatnots, the Institute annually replaces the grass, regardless of condition, and to encourage the new growth with pungent fertilizer mere feet from students' rooms.



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Caltech 40-58, Pasadena, CA 91125
editorial desk: (626) 395-6153
advertising desk: (626) 395-6154
editorial e-mail: tech@caltech.edu

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Adam Craig Editor
Lisa Tran Business Manager
Alex Sheive Layout Manager
Robert Morell Circulation

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Spank Me

By JEFFREY PHILLIPS

"Laugh now, because you clowns have been on double secret probation since the beginning of this semester" -- Dean Wormer, Animal House. Since the beginning of recorded history, college students have engaged in endless high jinks against the stodgy, inflexible administration. [More precise:] The list of prohibitions at a normal college reads like an itinerary of mayhem. The administration matches deeds to punishments like a scoring guide: everyone knows how serious each infraction is and thereby how exciting it must be. Students are at war with the taskmasters, mocking security and pranking the administration without mercy.

This is not the case at Tech. We live with very few rules, policing and partially enforcing ourselves under an honor code. The taboos we have are not meant to be broken; there is neither fun nor honor in cheating, theft and violence. Yet, students and administrators should have a playfully adversarial relationship, because getting in trouble is fun. We Techers need a spanking now and then. We fuck the cardinal rules and expulsion answers our grievous sin, but we also need little rules to fudge.

I have heard that Ruddock has a list of pranks that earn frosh points to draw them out of their rooms and away from their homework sets after rotation, but a vital catalyst is missing. The list of provocative activities needs an accompanying list of threats against them from the administration. As a frosh and even now as a junior I am irrationally drawn to the unreasonably forbidden, the dangerous, the risky. A gambling man hungers for high stakes, and only the administration can provide those stakes.

The Deans' letter concerning activities on Ditch Day was a good start. I demand a similar guide to life in general at Caltech. Tell us that if we go through the steam tunnels we will be Bad Boys. Tell us not to break into specific locations. Challenge our nerdy machismo by saying the locks are impregnable. Let us have a little fun by being the Dean Wormer of our school once in a while. Put us on double secret probation, and give us some excitement.

G.L.O.M. - Greg's Life of Misery



Yes, this is a blatant ripoff of Crippling Depression, but aren't they all? Props to Jared Updike helping me with this idea- NL

By Ning Bao, Nathan Lau, and Angela Shih

Spaghetti 'n' Bacon

By LAURA FISHMAN

- 1/2 lb. spaghetti
- 2 slices of bacon
- 1 tbsp tomato paste
- 1 tsp Italian seasoning or dried basil if desired

Buy ingredients: All ingredients but the seasoning are available at the C-store. Bacon is in the fridge in the northwest corner, tomato paste is on the west side of the northern most island and spaghetti is on the east side of the same island.

Always wash your hands before preparing food.

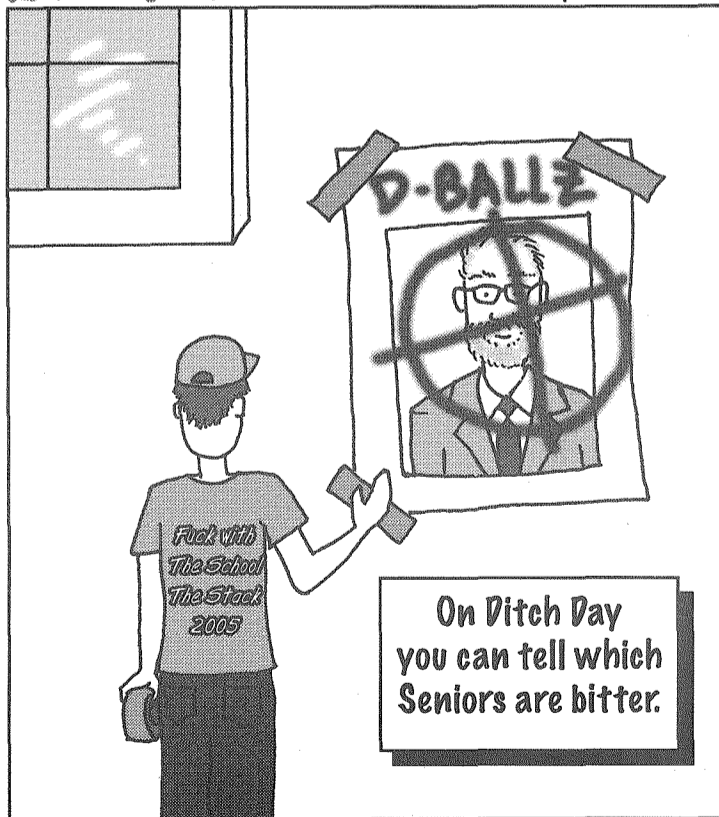
Prepare Dish: Cook spaghetti according to the instructions on the package. While spaghetti is cooking, chop bacon. Cut each strip in half the long way and then into 1/2 inch slices the other way. Make sure all pieces are separated.

When spaghetti is done, heat bacon while stirring over high heat until it begins to brown (3-5 minutes). Stir in seasoning, then add spaghetti and stir for about a minute. Then stir in tomato paste, be sure to evenly coat all the pasta with the tomato paste. Cook a few more minutes, then serve. Pasta will darken slightly due to cooking and tomato paste, but do not allow it to brown and get crispy.

When you're done, be kind to your housemates and clean up the mess you made.

JODIDO

Story by: Issac Garcia-Munoz
Art by: Chelsea Sharon

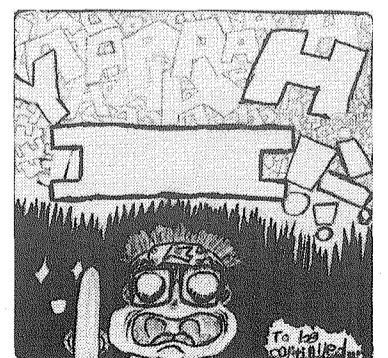
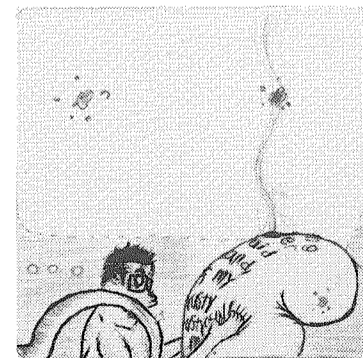


This is so exciting! Sneaking into a mysterious underwater pirate's cave with nothing to aid me but my trusty ninja headband, my trusty ninja hair spikes, my trusty ninja glasses, my trusty ninja shoulder hook, my trusty ninja underpants, my... my...



We Love Coquettish Kahlitech Bread Life

By ADAM CRAIG



The Art of Dining

By JACOB KING

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On night at Carrow's, while a freshman of both Dabney and Ricketts Hovse affiliation filled the top space of the pepper shaker with salt and replaced the salt with Sweet'N Low so that the next diner would be able to enjoy sweetened eggs or fries, I was busy discreetly filling my empty water glass with butane from a Bic lighter. At this point, I recalled a friend of mine who had previously been thrown out of a Denny's adjacent to a

USMC base after a brawl sparked by his expansion of Marine into "My ass rides in Navy equipment." To avoid similar banishment, I paused until the waitress disappeared into the kitchen and then sparked the lighter, turning the cup into a small fireball for the next five seconds. I should also mention that this was much funnier at the time due to the missing bit of another plant in which Caltech should invest to replace the monotonous grass. This

synergy of fire and vegetable reminded me of another favorite restaurant, President Thai, and its delectable Pra-Ram, a dish of spinach in an unusual peanut sauce. Although not particularly spicy, it provides a welcome alternative to my usual order of Panang curry. Its subtle flavor and slippery texture are even tantalizing enough to compel me to stop writing this article to order some.

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Dr. Kohn Talks T-Cells to Caltech Biotech Club

By DAVID CHEN

The Caltech Biotechnology Club invited Dr. Donald Kohn of the Children's Hospital Los Angeles to discuss current clinical research in gene therapy this past Wednesday, May 25.

Sophomore Xin Ye introduced the speaker as one of the leading clinical researchers in gene therapy. Dr. Kohn began by describing Severe Combined Immune Deficiency, a rare but fatal disease found in one in 500,000 babies. Without medication, these babies die within a year of birth. Thus, CHLA draws patients from the entire West Coast and usually treats one child at a time. SCID essentially means that the body is not producing T and B cells, vital to its immune function, in sufficient number.

Initially the Immunoglobulin G from newborn's mothers protects them from disease. None the less, it is possible to diagnose these newborns by analyzing their T cells.

The traditional approach to this problem has been to transplant bone marrow, which occurred for the first time in 1968. A transplant from a matched sibling has a 90% chance of curing this disease. But, such a sibling is often unavailable, so transplants usually use the parents' bone marrow.

To perform this operation, the doctor must first deplete the parents' bone marrow of T cells to prevent them from attacking the new host. One fortunate consequence of SCID is that the child

has no T cells, guaranteeing that the child cannot reject the new bone marrow. The transplant from a parent has a 33% success rate, based on 15 such procedures to date.

In 1972, researchers discovered for the first time a genetic cause of SCID: a range of adenosine deaminase gene defects that cause 20% of cases. They first cloned the gene in 1983, and research in gene therapy began in 1990.

The defect in the ADA gene prevents production of the enzyme, so one treatment available since 1990 is the PEG-ADA replacement therapy. This is a bi-weekly injection, which is a difficult procedure to perform on a child. The main concern, however, is that it costs \$200,000 to \$500,000 per year. In California, this expense comes out of tax dollars. For all its faults, the treatment is rather successful, with 83% surviving for around 10 years, and, although the T cell count is under 10% of the normal range, the children are doing fine.

To address the concerns with more conventional treatments, researchers considered using gene therapy to treat the illness. SCID was a logical choice for the first disease to treat with gene therapy, because fixing only a few stem cells may be enough to generate enough T cells to correct SCID. In addition, reports indicate that fixing a few stem cells can spontaneously cure SCID.

The main tool for delivering the

fix is a retrovirus, which can carry a payload of two to four thousand base pairs. In the 1st clinical trial in 1995, the researchers extracted samples from the two patients, one two and one four years old, and replaced them with fixed T cells every month. These T cells lasted around 10 years. Despite this success, the two patients were on PEG-ADA before treatment and during the entire 10 years.

Another concern is that retroviruses integrate the payload at random. Furthermore, the needed Hematopoietic Stem Cells are frequently in the non-dividing, G0, phase of their mitosis cycle, but vectors only work if the HSC are dividing.

The Children's Hospital's first trial involved three ADA-SCID patients and demonstrated no adverse side effects but no significant clinical benefits either. Yet, American studies do not allow the patients to go off PEG-ADA, which may affect the results.

After designing better vectors in mice and better growth factors, the CHLA planned a second trial with 10 patients on PEG-ADA. They applied for approval on Aug 1999 and obtained it Jun 2001. They had four patients participate from Aug 2001-Jan 2002, from whom they discovered that the gene therapy treatment worked better with younger patients.

At about the same time, a group in Milan treated 8 kids with more astounding results. They found children from third world coun-

tries, however, who never had access to PEG-ADA and who did not receive any during the study. They went so far as to administer busulfan, a compound they used to kill the HSC in the children before infusing the correct bone marrow cells. Over the first 6-9 months after treatment, the children regained immune function.

This left the other 60% of cases SCID, 40% of which are the X-linked form. Fortunately, a cure recently became available, providing patients with good health for the past couple years.

On October 3rd, 2002, the US government suspended gene therapy trials after 3 of 10 such patients in France developed T-cell leukemia. Two of them were young and received an especially large number of transduced, or fixed, cells. The vector integrated at a site that turns on adjacent cancer-causing genes, causing insertional oncogenesis.

Scientists still have high hopes for gene therapy, since bone marrow transplant only provides 60-70% survival with half the patients failing to make protective antibodies. In contrast, fixing the HSC for XSCID yielded 81% success with full immune restoration.

The CHLA group then underwent a series of holds from September 2002 until now. With 8 committees that independently need to approve the protocols, consent forms, and other paperwork, the group hires two people full-time to handle these papers.

Dr. Kohn then described future plans to improve the delivery vectors. He described a lentivirus similar to HIV that can enter non-dividing cells and carry a larger payload with less risk of insertional oncogenesis. Another delivery method called the sleeping beauty transposon uses two plasmids for site-specific integration.

Dr. Kohn then took questions from the audience. Some members asked about the efficiency of the approval process. He responded that each committee feels that only it understands the situation, making it difficult to remove any of them from the process. He also explained that the research is not yet ready for biotech or big pharmaceutical companies, because the timelines are too long to make a return in time for the next fiscal quarter.

Someone also asked whether other countries had less stringent requirements. Dr. Kohn noted in reply that China approved the first gene therapy product very quickly and has already made it available to its public.

After the talk, a delicious dinner was available to the audience. The Biotech Club is an organization of graduate students and undergraduates who meet to discuss and listen to lectures in biotechnology. Xin Ye, Vice President of the club, encourages undergraduates to attend, "The Biotech club is a great opportunity for undergraduates to explore career options in the field."

ASCIT Minutes

MAY 27TH, 2005

Present: Kelly Lin, Michelle Wyatt, Peter Foley, Warner Leedy, Dima, Todd Gingrich, Parvathy, Ryan Farmer

Guests: Jason Yosinski, Kewell, Po-Ru Loh, Daniel Stolarski, Nicholas Halpern-Manners

Call to Order: 12:08:72 in the afternoon

Jason Yosinski, Kewell, and Po-Ru Loh to ask for multihouse funding for Avery/Blacker Social...\$100/house, \$200 total. (6-0-0, passes)

Jason and Kewell want more money. Averites plan to party it up, Hawaiian style... getting a Hawaiian guitarist, dancing, food, etc. Planning to include hip-hop, then have live performance, then more. To occur at some point in the future, rumored fall but they could be trying to trick us. Requesting \$150 in multihouse funding. (6-0-1, passes)

Meng-Meng requests \$200 funding for new-ARC-old-ARC dinner. We recommend asking Tom Mannion. Tabled.

Meng-Meng requests \$300 in TOTEM funding. Already have \$3700, have approached Provost and Bookstore, have to cut pages if don't receive funding by end of next week. (7-0-0)

Stolarski wants \$30 for Walk of Shame, in addition to what was awarded from Prank Club. (6-0-1, passes)

Formal's tomorrow. Yeeehawr. Professional photographer, posting thumbnails online, purchase online. Peter wants to be photographed riding dinosaurs. Dima thinks that's pornographic - he approves.

Meeting Adjourned: 12:42 pm

Adventure. Heh! Excitement. Heh! A Jedi craves not these things.

Parvathy "Yoda" Menon

SOCIAL EVENTS IN THE LA AREA

Brought to you by the ASCIT SEXCOMM (put together by ROCKY VELEZ)

Coming up Next Weekend (tickets on sale now or very very soon at ticketmaster.com)

Concerts

(bands with a * have multiple showtimes and/or dates this weekend)

Fri, 06/03/05

*07:00 PM Bone Thugs N Harmony - House of Blues Sunset Strip: Hollywood, CA

07:30 PM Martyr Plot - Chain Reaction: Anaheim, CA

*07:30 PM Pixies - The Wiltern LG: Los Angeles, CA

08:00 PM Fischerspooner - House of Blues Anaheim: Anaheim, CA

08:00 PM Los Angeles Philharmonic Presents : Prairie Home Companion - Hollywood Bowl : Hollywood, CA

10:00 PM SX-10 with Nme - Troubadour: West Hollywood, CA

Sat, 06/04/05

06:30 PM The Mars Volta - Greek Theatre: Los Angeles, CA

*07:00 PM Bone Thugs N Harmony - House of Blues Anaheim: Anaheim, CA

*09:00 PM The Average White Band - Canyon Dinner Theater: Agoura Hills, CA

09:15 PM XEO3 - Viper Room: West Hollywood, CA

Sun, 06/05/05

06:30 PM Def Leppard & Bryan Adams - Arrowhead Credit Union Park: San Bernardino, CA

07:00 PM Black Eyed Peas - Santa Barbara Bowl: Santa Barbara, CA

07:15 PM Travis Tritt - Gibson Amphitheatre at Universal CityWalk: Universal City, CA

07:30 PM Battle of the Bands - Key Club: Los Angeles, CA

07:30 PM Comeback Kid - Chain Reaction: Anaheim, CA

07:30 PM Rick Ortiz Presents Urbano Movement 2005 - House of Blues Sunset Strip: Hollywood, CA

Sports

Fri, 06/03/05

07:40 PM Los Angeles Dodgers vs Milwaukee Brewers - Dodger Stadium: Los Angeles, CA

Sat, 06/04/05

07:00 PM Los Angeles Galaxy vs Metrostars - The Home Depot Center: Carson, CA

07:10 PM Los Angeles Dodgers vs Milwaukee Brewers - Dodger Stadium: Los Angeles, CA

Drama *all of these musicals have multiple dates/times this weekend

Fri, 06/03/05

08:00 PM Drama At UCI - Sussical the Musical - UCI Arts: Irvine, CA

08:00 PM Footloose - California Performing Arts Theatre: San Bernardino, CA

08:00 PM Menopause, the Musical - Coronet Theatre: Los Angeles, CA

Other

Fri, 06/03/05

08:00 PM Stars of Russian Ballet - Kodak Theatre: Hollywood, CA

09:00 PM Bloc Party - El Rey Theatre: Los Angeles, CA

Sat, 06/04/05

05:30 PM MTV Movie Awards - Shrine Auditorium: Los Angeles, CA

06:30 PM Murder Mystery Dinner - Lunaria - Murder Mystery Dinner: Van Nuis, CA

09:30 PM Behind Closed Doors Bash - Key Club: Los Angeles, CA

Coming soon to the LA area... Buy your tickets now!!

Kenny Chesney - STAPLES Center: Fri, 06/17/05

Neil Diamond - STAPLES Center: Sun, 10/02/05

Wicked - a New Musical - Pantages Theatre: Thu, 07/28/05

Los Angeles Sparks vs. Phoenix Mercury - STAPLES Center: Wed, 06/08/05

Green Day - The Home Depot Center: Sun, 10/09/05

Dave Matthews Band - The Home Depot Center: Sun, 08/28/05

Playboy Jazz Festival - Hollywood Bowl: Sun, 06/12/05

Note: There is no guarantee that these tickets will still be on sale at the time of publication.

If you think we missed anything or have any requests for social events, email Dima at dima@caltech.edu or Rocky at rocky@caltech.edu. Have fun!!

The California Tech
Caltech 40-58
Pasadena, CA 91125