BIZARRE BUT TRUE: BOY INTERRUPTED:

Size 10 Asics DS Trainers. Slightly tattered; dirty off-white with blue criss-crosses splashed on the sides. Frayed black shoes. A pair of typical, ordinary, men's tennis shoes. But for Senior and Major Troy "Duckie" Lee, these shoes almost got him arrested. While walking home late Saturday night from a twilight showing of the new release Girl in Pink right in front of him. "I asked, "What's going on?" Lee recalled, adding that he turned back a couple of times while walking to see what was going on. "I didn't think about it. I didn't expect them to be following me." Obvious to the around suspicions of the police officers, Lee walked back to his off-campus house next to the Financial Aid Office. "I went in, got some vitamins, and left," he explained. Then headed to Robinson to study. On the Bechtell Mall in front of North Mudd, Lee heard a man's gruff voice bark, "HEY, STOP!"

"At first I thought it was someone I knew," Lee chuckles. "Then I turned and saw two cops approaching from either side. I thought they were looking for someone else behind or beside me, or maybe they'd ask if I'd seen someone or something." The police officers continued to step closer. "Get your hands out of your pockets," one commanded. Lee complied. "Put your bag down." Lee complied again. "It was funny," he remembers. "They clearly thought that I had actually done something." The police came closer, stopping right in front of him. "Turn around. Put your hands on your head." The befuddled Lee complied, asking, "What's going on?"

"I'm sorry, boy. Please keep walking."

The Media Guy

Esquire

ASCIT Election Results

Page 6

The California Tech

VOLUME CI, NUMBER 16
PASadena, CALIFORNIA
FEBRUARY 11, 2000

Techers Sell for Billions

By TECH STAFF

Ortel Corporation (NASDAQ: ORTL) became the latest jackpot in the internet game when Lucent Technologies (NYSE:LU) announced this week a $3 billion acquisition deal for the optoelectronic company. Ortel is the pioneer in semiconductor laser and fiber optics technology. Its technology allows cable TV suppliers to build high-performance systems using fiber optics. The deal will give Lucent state of the art communication technology, giving it a large advantage in the lucrative online access market.

Under the terms of the deal, each share of Ortel will be bought for $3.155 shares of Lucent. Based on Lucent's closing price last week, the deal is valued at approximately $2.95 billion. Ortel Corporation was founded by three people from Caltech. Israel Guy, who had just finished his Ph.D in applied physics, Nadav Bar-Chaim, who was then a post-doc, and Dr. Amnon Yariv, who is still at Caltech, founded the company in 1980. The company stemmed from research in semiconductor laser at Caltech. Around 1980, using optical methods for communication became widely known. Semiconductor laser, because they are small, can be controlled and powered electronically, and can be fabricated to emit lights of any wanted wavelength, became the obvious light source for fiber optics.

"All of a sudden, the ability of the laser to turn itself on and off with current became an important issue," said Dr. Yariv, "and we got involved in that issue." In the ensuing race to modulate lasers at higher and higher speed, the Caltech team achieved results that pleased ORTEL. Please see ORTEL on page 3.

Sampling the Universe: the Future of Exploration

By JUSTIN KAO

"Sampling is going to be an important part of the future of exploration." Speaking to a full house in Beckman Auditorium on Wednesday night, Dr. Edward Stone, director of JPL and vice president of Caltech, outlined JPL's exploration of the solar system. He began his talk with a summary of JPL's current research in the solar system. According to Stone, one of the most important questions that JPL is trying to answer is, "where was the water, and perhaps, where is the water?" since where there is water, there can be life.

As a planet with a known history of large amounts of liquid water, Mars is one focus of JPL exploration, with a mission planned every two years. Stone summarized past missions to Mars and gave an overview of recent findings concerning water on Mars, mentioning theories that the Martian riverbeds were formed from water that "burst from underground," since these riverbeds have no tributaries and begin and end abruptly. This indicates that Mars once had a strange water cycle, probably involving water emerging from underground with local heating and then returning underground again.

According to altitude data from Viking and Mars Global Surveyors, the northern half of Mars is several miles lower than the southern half. Combined with "very very smooth" terrain features and other indicators, this points to a large mass of water in the northern hemisphere. Stone showed several slides showing possible oceans and shorelines. He cautioned however, "There's a lot of debate about these ideas."

Please see SAMPLING on page 3.

The Usual

Outside World

Media Guy

Foxtrot

The Dean's Corner

Features

ASCIT Elections

ASCIT Minutes

TACIT

Cheerleaders

Please see ARREST on page 2.
ARREST: Caltech Student Falsely Accused

Continued from Page 1.

"they thought that when I went inside my house and left four minutes later, I had completed another job."

The officer with the radio then reported back to the group that it was a false lead. The same who had cuff Lee looked slightly sheepish. "He asked me how long I had been at Caltech, what I was studying, when I was graduating - it was amusing that now he was being nice," Lee remembers.

"And then he cuff Lee tightly. That was the most traumatic part. I was thinking, 'Oh, buddy, this is really not necessary.'"

The police officer then frisked Lee, putting his hands in Lee's pockets. "That was also pretty traumatic," Lee adds.

Four more Pasadena Police officers arrived, barricading Lee within a circle formed by their bodies. One of the officers then asked if he could search through Lee's backpack.

The bag was opened, yielding such nefarious items as a quantum mechanics book, a clipboard, some binders, and his wallet, which the police officers then thumbed through.

"Then he asked to look at the bottom of my shoe. I thought it was strange." He lifted it and looked at the black heel covered with randomly oriented rubber treads that comprised the underside of his shoe. The officer allegedly commented, "The tread on the forefoot doesn't look right, but the pattern on the heal matches."

"One of the officers pulled out his radio and reported on their findings," Lee recalls. "Another turned to me and asked if anyone had explained anything." When Lee indicated that they had not, the officer described how they had followed him from Cordova and Los Robles while investigating a rash of burglary in the area.

"They thought I was a burglar," Lee laughs. "They thought that when I went inside my house and left four minutes later, I had completed another job."

By this time, about three Caltech security guards and four more Pasadena Police Officers arrived on the scene. Lee says his handcuffs, finishing lamely with, "Sorry about all this." And then the police officer.

"I don't feel wronged," Lee explains. "It is good that they were actively pursuing different leads, even if that lead caused them to suspect me because of my shoes. And I realize that as a procedure, they probably need to first cuff the person, but having been in that situation... it's like you can't walk around the streets at night without being hassled."

"But most of all, I am amused," commented Lee. "I was just wearing these shoes because had Chem 3. They are not even mine. I borrowed them."
**ORTEL: $3 Billion Deal**

Continued from Page 1

ORTEL, whose staff consists of some of the most brilliant minds in laser research, applied its expertise to designing telecommunication lasers and receivers. In the meanwhile, it became apparent that coaxial cables were the best available access route to the internet.

"Ortel joined the internet explosion through two doors, by producing telecommunication equipment, and the telecommunication industry moved over and joined with cable," said Dr. Yariv.

The other two co-founders were unavailable for comments.

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**JPL and Mars**

Continued from Page 1

JPL and Mars little atmosphere left, and it is no longer possible to have liquid water on the surface of Mars." In the higher, older southern hemisphere, there are records of a global magnetic field record in the rock. In newer impact craters, the rock recorded no magnetic field as it resolidified.

Although a large part of Stone's talk was about Mars, he also devoted time to Europa and the future Europa Orbiter mission, Jupiter's icy moon Titan, where the Huygens probe will drop in 2004, and comets, from which the Star Dust mission will collect and return a sample by 2006.

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**Write for the TECH**

1. It's good for your GPA
2. I'm almost up to a 3.0
3. I got paid last week
4. My checks from the Chemistry Department are gonna start coming
5. I need some inorganic solvents to clean the wax off this table.
6. "Lunch! It's Lunch!"

TECH meets every Monday 9 p.m. in SAC 40. Grasp the Power of the Press!
The New Victims Officers

ASCIT Secretary • Jason Cardema
ASCIT Treasurer • Sean McHugh
IHC Chair • Chris Elion
BoC Secretary • Betty Hong
Dir. Academic Affairs • Emma Kang
Dir. Social Activities • Melinda Turner
Upperclass Dir@Large • Meghan Smith
Stapleton
Tech Editors • Jon Foster & Dana Sadava

IHC Chair

|
---|
**Elian** Lawton Meltzer Sih | **WAI** Abst AM
| 87 | 90 | 47 | 86 | 33 | 8 | 17 | 178 |
| 87 | 90 | 47 | 88 | — | 10 | 49 | 162 |
| 97 | 94 | — | — | — | — | — | 135 |

Notice that, within the error, all three remaining candidates are tied. This makes it impossible to determine which to redistribute out next, so the only solution is to redistribute all three individually and hope it doesn’t form a condorcet cycle. This is all spelled out in the bylaws, though all of you that have taken PS 12 are probably wincing at painful memories right now.

Since Elian can defeat both Lawton and Sih, he is the winner of the election.

Director of Academic Affairs

**KANG** Srinivasan Tran | **WAI** Abst AM
| 163 | 27 | 80 | 46 | 9 | 43 | 165 |
| 164 | 27 | 80 | — | 11 | 86 | 143 |

Director of Social Activities

**Dana** Luca Turner | **WAI** Abst AM
| 34 | 92 | 137 | 50 | 9 | 46 | 163 |
| 37 | 93 | 141 | — | 97 | 158 |

Upperclass Director at Large

**Payne** Smith Simmons | **WAI** Abst AM
| 83 | 91 | 75 | 54 | 10 | 53 | 160 |
| 84 | 94 | 77 | — | — | 113 | 130 |
| 97 | 139 | — | — | — | 132 | 120 |

Freshman Director at Large

**Foster**, OK, SADAV | **WAI** Abst AM
| 235 | 68 | 57 | 158 |

Tech Editors

**Foster**, OK, SADAV | **WAI** Abst AM
| 254 | 58 | 9 | 47 | 163 |

Remember, the excitement of ASCIT Election Chair can be yours! Look for signups for a multitude of ASCIT appointed offices, coming soon. If you crave still more action and adventure, there’s always IHC appointed committees coming third term. After all, if you don’t do some job, there’s a good chance no one else will either.

Minutes of the ASCIT BoD Meeting

January 25, 2000

Present: BoD minus Alan.
Meeting called to order at 19:42.
Project Reports Gurt will arrange for movies to be shown on Fridays in Moore.
Nominations for the offices of BoC Secretary, Tech Editor, ASCIT Treasurer, ASCIT Secretary, IHC Chair, ASCIT Academic Director, ASCIT Social Director, ASCIT Upperclass Director, ASCIT Freshman Director will close on Tuesday, February 1, at 5pm.
Gurt will also begin arrangements for all of the newly elected members of the BoD.
The BoD decides to hire Jonathan Dama to work on specific parts of the Web Project.
JaidEEP reports that the CRC will select a new co-chair by tomorrow afternoon and representative interviews will be completed later this week such that the student representatives for the CRC will all be chosen by the end of the week.
A survey on the board plan in coordination with the remodeling of the kitchens will come out next week sometime. One plan is to shut down the South House kitchens for remodeling at lunch and set up stations in the North House kitchen like in Avery for lunch. IHC would like to keep lunch the same in the houses and put lunch on the declining balance system so that people could use their board money at various venues such as the Red Door Caf or the Coffeehouse. The survey will also include a couple of questions about off-campus room-picks.
BoD votes to allow $500 per house to buy a DVD player and security needed for it as well as one for the Coffeehouse. Each house will have the option of simply taking the money if it already has a DVD player. The BoD will make the purchases after Gurt does some comparison of prices. $1000 is allotted for buying movies for the movie library as well. This movie library will make movies and DVDs available to ASCIT members from the Coffeehouse. Meeting adjourned at 20:32.
Respectfully submitted,
Hanna Kim ASCIT Secretary

Minutes of the ASCIT BoD Meeting

February 8, 2000

Present: Old BoD minus JaidEEP, new BoD, Audrey Lee, Jamie Bresson.
Meeting called to order at 22:10. Dealing with guests Audrey and Jaime requests funding for the Taiwanese Student Association (TSA) which has newly become active. Project Reports Gurt reports that the Mann’s Chinese Theater donated a 35mm projector to Caltech which donated it to ASCIT. A group of students from Blacker, who apparently requested the 800-pound projector to begin with, are going to pick it up.
Elections for BoC Secretary, Tech Editor, ASCIT Treasurer, ASCIT Secretary, IHC Chair, ASCIT Academic Director, ASCIT Social Director, ASCIT Upperclass Director, ASCIT Freshman Director were on Monday, February 7, 2000. The newly elected officers, if there is no protest, are:
BoC Secretary • Betty Hong
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Bechtel Mall
Caltech Campus

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Media Guy

BY ADAM VILLANI

It's the middle of Oscar season right now, so there's a big bunch of movies out there for me to write about. Here's a small bunch:

All About My Mother
This Golden Globe Best Foreign Film winner from Spain's Pedro Almodóvar is a real gem. Without giving too much of the plot away, it's about a group of women bonding through tragic and trying circumstances. But the tone of the film is miles away from the treacle of Steel Magnolias or The Joy Luck Club. A better description might be Fellini-esque. Almodóvar's women feel the pain, but they can look beyond it and still smile through their tears. Of particular note in the stellar cast are Cecilia Roth as a grieving mother who forms the stable link between her friends; and nightclub performer Antonia San Juan, a real blast as a sassy transsexual. [ed note: bad columns!]

Boys Don't Cry
Hilary Swank came out of nowhere (actually, TV movies and The Next Karate Kid) to give the best heart-tugging female performance of the year as the sexually confused Brandon Teena, a real-life young Nebraska woman who posed as a man and fell into the wrong crowd. This script written and directed by Kimberly Peirce is a little vague and wandering at first, but everything pulls together by about the halfway mark. Throughout, though, Peirce shows an uncanny ability to evoke the environment Teena lived in, both the physical Nowhereville location and the dead-end losers with whom she surrounded herself. Chloe Sevigny (Kids, The Last Days of Disco) is quite moving as Teena's morose girlfriend, and Peter Sarsgaard and Brendan Sexton III are positively frightening as the scuzzy ex-cons who befriend Teena and then turn on her.

Cradle Will Rock
Writer-director Tim Robbins' ensemble piece revolving around the struggle to stage a pro-labor play for the Federal Theatre Project during the Great Depression isn't really a fantastical piece of cinema, but I certainly enjoyed watching it. The actors involved (like Angus MacFadyen as Orson Welles, John Cusack as Nelson Rockefeller, Cary Elwes as John Houseman, and Bill Murray, Susan Sarandon, Hank Azaria, Emily Watson, John Turturro, and Joan Cusack as less famous or fictional characters) all seem to be having a good time, and that feeling, along with Robbins' unapologetically left-wing politics, is very successfully transferred to the screen. But the historical characters remain more interesting than the weakly-written fictional ones, and even many of those come off as mere sketches. Standing above the others, however, are Cherry Jones as Hallie Flanagan, the fiery FTP director defending the organization against accusations of Communism, and Ruben Blades as Diego Rivera, the artist hired by Rockefeller but steadfast in his refusal to alter his mural to appease his boss' sensibilities. Also, it's certainly a letdown when the play everyone fought so hard to produce turns out to be so ham-fisted and melodramatic.

Titus
Director Julie Taymor, who successfully brought The Lion King to the Broadway stage, here takes on Shakespeare's Titus Andronicus, and the results are mixed at best. The production certainly looks stunning, but the mix of the historical with 20th-century fanciful in this tale of Roman Empire murder and betrayal is awfully derivative, most obviously of Richard Loncraine's Richard III (Orson Welles did it first in his 1937 stage production of Julius Caesar). Taymor doesn't seem to know when to hold back; the acting stretches from expressive to ridiculous, and there are several pointless bizarre impressionistic scenes that seem taken out of Altered States. The biggest problem, however, is with the source material; Titus Andronicus is one of the earliest and one of the least of Shakespeare's plays. It's unnecessarily violent and vulgar, and while eloquent in parts it contains none of the psychological insight of later tragedies like King Lear or Hamlet.

Topsy-Turvy
British filmmaker Mike Leigh is best known for gritty urban dramas like Naked and Secrets and Lies, but he proves he's surprisingly adept here with a lighthearted yet detailed look behind the scenes of Gilbert and Sullivan's operettas. The plot centers around librettist W.S. Gilbert (Jim Broadbent) and composer Sir Arthur Sullivan's (Allan Corduner) efforts to rekindle their creative spark against accusations of being stuck in a rut. The result is the wildly popular Mikado, set in Japan, which, though ghastly condescending by modern standards, was an exotic treat for 1885 audiences and is still a lot of fun today. Topsy-Turvy gives us more than just a glimpse into the goings-on at the Savoy Theatre; it's the richest look at the creative and collaborative process involved in bringing a play to the stage I've ever seen. Sullivan gets something of a short shrift in the script compared to Gilbert, but every member of the ensemble cast is excellent. The movie's longer than it really ought to be, but the bright tone and rich attention to detail make Topsy-Turvy one of the most rewarding films of the year.

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Shakespeare

TACIT brings Merchant of Venice, Shakespeare to Caltech

by Moh Murari

Theater Arts at The California Institute of Technology (TACIT) invites you to mix the splendor of the Italian Renaissance and the genius of Shakespeare with the talent of the Caltech community’s actors and artists. Their production of The Merchant of Venice, directed by Shirley Marneus, opens tonight at 7:30 p.m. in the Ramo Auditorium, located at the south end of Baxter Hall.

Strict attention to detail is evident in the production. The night before the show, actresses, with pearls and ribbons threaded into their hair, practice courtly curtsies in their voluminous Renaissance costumes. Actors, with heavy capes and feathered masks, practice walking comfortably in their rich velvet and brocade doublet and sheer hose.

“Wearing tights feels awkward,” confides 2nd year aeronautics graduate student Jimmy Fung, who plays Leonardo and a carnival extra. “It’s like second skin.”

The play’s set has also been meticulously crafted. The elegant arches and pillars have been painstakingly dabbed with cream and buff-colored paint, lending a marbleized texture to what will become the streets of Venice and the estate of Belmont. Benches and stools have been streaked with brown paint to give it a wooden appearance. “The actual set is bor­rowed from past TACIT Shakespeare productions; each play is like variations on a theme,” said Eric H. Warren, the professional set designer who has worked with Marneus for the past 25 years. “But this set has particular relevance for this production, since it calls to mind the Doge’s palace in Venice.”

The production’s musical score is entirely original. “I composed it specifically for this production,” explained Robert Parker, the husband of a Caltech Staff Member. Parker plays the role of the Duke of Venice, and Shylock’s friend Tubal. “It is inspired by music of the Italian and English Renaissance.”

Actors have spent more than a month studying The Merchant of Venice, fastidiously memorizing and interpreting their lines. Sophomore Robert Swinney commented, “Shirley left it totally up to me about how I wanted to portray my character, Lorenzo. Typically, Lorenzo is portrayed as a playboy and a gold-digger... an insincere character. I read it differently, and she let me play it.” This freedom for character interpretation is Director Marneus’ goal. “I give the actors as much opportunity to discover and explore their character within the text and within themselves, so that they can really connect with the character they are portraying,” she explained.

“TACIT brings Shakespeare to Caltech, a campus that exists on this campus,” observed Marneus, explaining her reasons for its selection. “It is generally misunderstood. In light of the Holocaust, many directors have cut the play to distort Shylock’s importance and to diminish the love story of Bassanio and Portia. I took a conservative approach to bring back a sense of balance.” She added, “I am more interested in what the play means than in making it palatable.”

Marneus believes that theater is a vital aspect of any university education. “But especially here, where scientists are dedicated to discipline, theater complements science, it’s the other side of the same coin,” she stated. “We have been recently named the Number One university in the country. We have a responsibility to balance scientific sophistication with cultural sophistication, and increasingly, this campus is looking towards art for that balance.”

The show runs for the next three weekends with performances on Friday and Saturday at 7:30 p.m. and Sunday matinees at 2:00 p.m. Tickets are $5.00 for Caltech students, $10 for all other students, and $15 for general admission. Tickets are available through Ticketmaster and the Caltech Ticket Office. Tickets will also be sold in Ramo Auditorium one hour before each performance.

“Past TACIT productions of Shakespeare have been very masculine - with fighting and swordplay,” recalled Allen Corcoran, a Caltech Alumnus and veteran TACIT member who plays the title character of Antonius. “They were histories or historical tragedies, swimming in testosterone. This is the first time in a long time that we’re doing a comedy.”

Marneus is pleased with the enthusiasm and dedication of her 34-member cast. She predicts, “It will be a wonderful production. So come,” Marneus invited. “See the theatrical talent that exists on this campus. Come support your friends and colleagues. Most important, come see Shakespeare whenever you can.”

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Cheerleaders take Caltech Beavers by the tail

BY MAYANKA PRENAM

"We'll up the scoring at Caltech" their T-shirts cleverly announce. Doesn't it just give you a sense of nostalgia for your old high school days? There were football players, pep rallies, posters, spirit gifts, and of course there were those perky girls in cute skirts with pom-poms. And you left it all behind to come to Caltech...

Well, worry not, my friends. The new Caltech cheerleading squad is ready to bring it all back right here. How did this all get started? It began with two freshman girls who thought Caltech needed a little pep to spurr some excitement onto campus. Nikki Eber and Teresa Gonczy wondered whether they would be able to gain any enthusiasm for the squad. However, what started as two girls became four, then eight, then twelve. Before they knew it, they had enough people for Caltech to consider them a legitimate organization.

Their problems didn't end there, however. When the girls began to look around for funding, they were faced with skepticism. Until the squad could show that this idea wasn't a joke, and that Caltech cheerleading would become a permanent team, they could get no money for uniforms or anything else. Disappointed, but determined, the squad went to work.

First, the girls had a carwash to raise money. Next was a bake sale on the Olive Walk that reaped tremendous profits. This money in addition to their T-shirt sales gave the squad almost enough to pay for uniforms. Not only that, but the hard work and dedication the squad showed through their fundraising efforts finally gained them recognition. Many people wonder what the cheerleaders hope to accomplish. Well, a lot of students appreciate the fact that they can play on Caltech sports teams, whereas if they had gone to a larger, more athletically competitive college they would never have had a chance to play. Similarly, the Caltech cheerleading squad gives girls the chance to do something that they probably hadn't been able to do in high school.

The squad consists mainly of beginners, but that doesn't stop their enthusiasm. These perky girls say that the thought of cheerleading practice helps them get out of bed in the morning. These days, coaches are asking the cheerleaders to come to their games. The Caltech frisbee team even offered to provide the cheerleaders with transportation for their away games. Currently the squad has plans to cheer at basketball games on February 16 and 24. In addition, the girls say they have big plans for a performance during Prefresh Weekend in April.

The cheerleading squad is still open for membership. Cheerleading is being offered as a PIC class, and there are already about 20 people interested. Choreography will be designed by ex-choreographer from the LA Clippers. For more information, check out the Caltech Cheerleading website at www.eco.caltech.edu/~cheer.

Caltech Cheerleader Nitzan Roth dons her beaver garb in service of the team, depicted here at their recent fundraising car wash.

---

Career Day 2000 is coming!
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Comics

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DANG, THE FUTURE'S ALL SHINNY.

CYNICS ANONYMOUS.

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AND THIS IS WHY I'M Sending YOU To CYNICS ANONYMOUS.

FOXTROT by Bill Amend

YOU WANT TO WHAT?

ABSOLUTELY NOT! I LIKE MY COMPUTER THE WAY IT IS.

HOW CAN ANYONE MISTAKE THAT?

OPEN SUBMISSIONS?

I CAN'T EVEN SPELLED IT RIGHT. THAT'S OK. WE PROBABLY MADE IT WRONG.

WHOMSOEVER SAID MINORITY WAS REDEMPTIVE.

I CAN'T SEER MY WIDOW MOTHER.

DILBERT, YOU'RE BECOMING TOO AWARE OF REALITY. I'M SENDING YOU TO 'CYNICS ANONYMOUS.'

WHY CAN'T THE HIGHER POWER CHANGE ME WHILE I'M SITTING HERE?

'HE'S GONNA HAVE TO HELP ME WHILE I'M SITTING HERE.'

MAKE SURE YOU SIGN UP FOR OUR GAMBLING CRUISE.

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College is a special time in a person's life, marking the passage from one's mostly dependent toddlerhood into one's first steps into adulthood. It offers many wonderful opportunities for personal development and many students remember the times fondly, long after graduation, although perhaps more fondly as graduation recedes further in the past. But it does not take a dean to realize that all is not always rosy for you, the wizard we call students at this institute. Being intellectually gifted and having trooped through High School, some of you are shocked to discover that your learning skills, which never had to be invoked before, are not what they need to be. It can also be difficult to learn to deal with other people. Not all of you have had that much practice at it. I often hear that Caltech provided you with your first opportunity ever to interact with peers.

When you get here you are suddenly placed in the House, together with all of your classmates. Social interactions are pretty much a must, and while it is令人惊讶 what young rats are actually very personable. But, Lorenc goes on, rats are, "veritable devils towards all fellow-members of their species not belonging to their own community." Like rats, humans have a communal and can, in crowds, "become exactly aggressive and lose all rationality and moral inhibitions." This, Lorenc postulated, was a behavior of aggression our prehuman ancestors, a behavior encrypted in many animals and one which apparently persists.

Like rats and like other humans, students in their groups protect their territory jealously. Each has (or claims) its prerogatives and you show a strong loyalty to your own house and classmates. For humanity at large, the development of such loyalties has led to wars between rival groups (countries). Surprisingly, here at Tech, the outright hostilities that are predicted by the "Martian Observer" are rare (if we influence the pre-human ancestors is not felt so strongly at this pinnacle of superhuman achievement). But even here, in our peaceful village dedicated to scholarship, things sometimes go far too far, in that direction.

One of the benign expressions of "us vs. them" is the prank, a form of good spiritual warfare, carried out by one or another group at the expense of "them." For those prankish interactions that all are fun—Hurray! But it seems to be surprisingly difficult to say, this is bad. Immersed in the activity, some of you have been known to lose individual control and a great deal of the group's goals, in the light of our one advantage gained by transgressors, and to insure the safety of others in the community. One must think (something Techners should be good at) in order to avoid running afoul of the system. Thoughtful conduct will allow "fun" without endangering others. One activity that must thought about carefully is the use of carts without prior permission of their owners. Even then the vehicles are not for carousing about, as an obvious invitation to disaster. Any carousing, even on bikes or roller blades, carries with it a disproportionate chance of accidents. If the idea of potential danger is not seen as a breach of the Honor Code, consider that restrictions might have to be applied to all, because of carousing in a few, that certainly can be seen as a taking of advantage.

It is great for students to release tensions and reinforce bonds with their close colleagues. It is however clear that a serious effort is required to control excesses. Without that, our cherished values will sadly go by the wayside. Think! A bystander.

Jean-Paul Revel
The California Tech is experiencing technical difficulties. Please forward all mintsto technologies. The editors apologize for any inconvenience.

Goats? Questions? Need answers about FINANCIAL AID? A representative from the Financial Aid Office will be outside of WINNETT, Tue. Feb. 15 from 11 a.m. to 4 p.m. Now is the time to file your FAFSA for 2000-2001. Take advantage of the convenient location and come by to ask your questions and/or visit.

Congressman James Rogan seeks to fill two internships with Caltech students for service during this exciting election year. These would be a part-time internship for students interested in science and policy. Please call or email for more information.

Caltech guitar classes for the winter quarter will meet on Tuesdays and Thursdays, beginning January 11 as follows:
Beginning Guitar Class: 4:30–5:30 p.m. in Intermediate Guitar Class: 5:00–6:00 p.m.; Advanced Guitar Class: 5:30–6:30 p.m. Classical and flamenco repertoires are explored, but techniques transfer to other styles of guitar. The Beginning Class includes two classes for the admission fee of $30/credit. For more information contact Mr. Denning by email at adennin@caltech.edu.

The vocal ensemble Anonymous 4 will perform on Feb. 18 at 8 p.m. in the Beckman Auditorium. The program for this concert is entitled The Second Circle – Love Songs of Francisco Landadí. Anonymous 4 is renowned for its avant-garde vocal blend and technical virtuosity. Tickets to this performance are $25, $21; $17; youths 12 and under receive $0.50. Tickets can be purchased at the Caltech Ticket Office and all Ticketmaster Ticket Centers. Call 1-888-2CALTECH for more information.

The Caltech-Occidental Concert Band, directed by William Anzalone, will perform in Thorne Hall on Thursday, February 19, at 8 p.m. For further information, please contact the band by email at occidentalband@caltech.edu (323) 259-2785.

The American Chemical Society Scholarships are available for persons with four-year degrees in the chemical sciences. Applicants must be African-American, Hispanic, or Native American and be U.S. citizens or permanent residents. These scholarships are valued at up to $2,500 for the academic year. To apply, applicants must submit a, application form, a current academic transcript, and letters of recommendation. Applications are available in the Financial Aid Office. Entries must be submitted to ACS by February 15, 2000.

The American Meteorological Society is pleased to invite applications for the AMS Industry Undergraduate Scholarships in the atmospheric and related oceanic and hydrologic sciences. Prospective candidates are solicited from the fields of earth sciences and related fields who intend to pursue careers in the atmospheric and related oceanic and hydrologic sciences are encouraged to apply. The award is based on merit and aptitude and shall be awarded to students who demonstrate potential for accomplishment in these fields. Applications must be submitted by March 1, 2000.

To submit an event for the Mints, contact tech@agcs.caltech.edu or mail your announcement to Caltech 55 Athena, Pasadena, CA 91109.

Events
John Astin is Edgar Allan Poe in Once Upon a Midnight on Fri., Feb. 11 at 8 p.m. in Caltech’s Beckman Auditorium. With flutes and humor, Astin takes the audience through Poe’s life and his frequent battles with himself. Oscar and Emmy-nominated Star Trek: Voyager’s Robert O’Donnell and John McGiver portray the hosts of the Addams Family. Tickets are $25, $18; $14; youths 12 and under receive $4 off. Student and senior rush tickets will go on sale for $10, beginning one-half hour before the performance (subject to availability). Tickets can be purchased at the Caltech Ticket Office and all Ticketmaster Ticket Centers. Call 1-888-2CALTECH for more information.

The Merchant of Venice, Rama American Repertory, will meet on Wednesdays, Wed., Feb. 14 at 300 E. California Blvd., Suit e 250, Pasadena. Tickets are available in advance at the door, $12; $11 for Caltech students and children under 12. For additional information, call 1-888-2CALTECH.

To share in the joy and labor that seeks to apologize,Joanna Jolicoeur will give an illustrated talk about the Tea and Noodles Campaign in China on Wed., March 1, in the Beckman Auditorium. To sign up for the tea and noodles campaign, please call the Tea and Noodles Office at 323-672-2426 or X 2426.

Sawtooth Beat Band Dance Theatre will perform on Sat., Feb. 26, at 8 p.m. in Caltech’s Beckman Auditorium. This all-male South American dance company is known for its African contemporary, neo-African, modern African, Afro-fusion, and new traditions in dance. Tickets are priced at $25, $21, and $17, youths 12 and under receive $4 off. Tickets can be purchased at the Caltech Ticket Office and all Ticketmaster Ticket Centers. Call 1-888-2CALTECH for more information.

The event is open to the public and can be attended by all. For more information, please call the Tea and Noodles Office at 323-672-2426 or X 2426.

The Dennis W. Cabaret Scholarship Committee is pleased to announce the availability of scholarships for students whose permanent address is in Orange County. Applications have been completed at least one-year of college, have a 3.0 or higher GPA, are currently enrolled in an institution of higher education, and clear roots of activism in the Orange County community. The applications are available in the Financial Aid Office. Completed applications should be sent to Dennis W. Cabaret Scholarship Committee, c/o Thomas J. Peterson, 6221 Cassia St. Newport Beach, CA 92660. Entries must be postmarked by February 29, 2000.

The Coalition of Higher Education Assistance Organizations (COHEAO) will award six scholarships to eligible undergraduate students for the 2000-2001 academic year. Applications must be U.S. citizens, have a 3.75 or above GPA; enrolled at a COHEAO member school; be entering their sophomore, junior, or senior year at the member school; and only one scholarship per family per academic year will be awarded. Further information about the COHEAO scholarship is available via the web at www.coheao.org or via the web at www.coheao.org

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