



Health Center Zeroes In On 'Gastroenteritis' Bug

By KAYTE FISCHER

The Thursday before last, the health center encountered the first of 50 students it would see for treatment of the most virulent gastrointestinal virus Caltech has seen in several years.

Countless others, who did not report to the health center, were affected; Caltech undergraduates from all houses, faculty, staff, graduate students and even a few prefrish caught the disease.

It is estimated that from 100 to 200 people were affected, though precise numbers are hard to establish, since many sick students visited local health advocates in lieu of visiting the health center.

According to the health center, symptoms of this bug included a low grade fever—one under 100 degrees Fahrenheit—nausea, occasional vomiting and diarrhea. Most people began to feel better after 24 to 48 hours. Health advocates became aware of the situation a couple

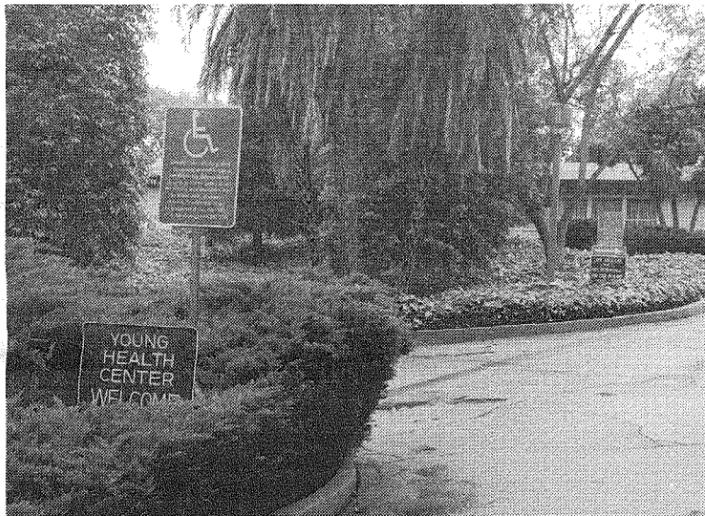
of days before the health center.

Said health advocate Greta Jo '04, "First, people had general discomfort and nausea. After that people varied from vomiting or diarrhea or both; symptoms seemed to get less acute for people who got sick after Thursday, while the people who were sick by Thursday had it pretty bad."

The virus appears to have spread by house. Most students visited the health center on Thursday or Friday, but the last case was not seen until Tuesday, April 29.

The health center suggested "self-care" consisting of rest, fluids, Tylenol as necessary and issued pamphlets on Acute Gastroenteritis. Patients were advised to return if symptoms did not abate within a day. In addition to a general e-mail detailing ways to prevent disease spread and ameliorate symptoms, health advocates were told to send people to the hospital if they had

Continued on Page 8, Column 1



D. Korta/The California Tech

Health Center Officials are scrambling to treat the recent onslaught of Acute Gastroenteritis, a kind of stomach flu.

GENE PIONEER J. WATSON TO DISCUSS DNA

By PHIL HARRIS

DNA pioneer and Nobel laureate James Watson will join Caltech President David Baltimore on stage today at 4:30 p.m. in Beckman Auditorium for a discussion on the "significance of this discovery and its impact on our lives today."

James Watson embarked in 1947 on "the search for the gene," the thrust of his postdoctoral study at the University of Indiana, after graduating from the University of Chicago at the age of 19. Both Caltech and Harvard had turned him down.

After joining the Cavendish laboratories in 1950, Watson developed and ultimately published his "double helix" theory of the structure of DNA in conjunction with famed coworker Francis Crick. In their groundbreaking 1953 paper, the pair postulated that DNA is a large molecule comprised of two intertwined strands, and modern genetic theory was born.

Watson will sign copies of his book, *DNA: The Secret of Life*, and further discuss his DNA discovery in a separate event tonight at seven in Vroman's Bookstore on Lake Avenue.

Faculty Diversity Efforts Rolling Despite Setbacks

By MATTHEW WALKER

In the second year of a campaign targeting gender balance in the faculty, Caltech has been making strides in its efforts to diversify, new reports say.

The numbers of faculty diversity are surprising. In 1985, there were 10 women faculty, of a total 262, which is 3.8%. By 2002, the number had risen to 30 women, 10.8% of 279 total faculty. In 1990, African American, Latino and Asian faculty made up 0%, 0.7% and 5.5%, respectively. By 2002, those numbers had improved to 0.7%, 0.7% and 7.8%, respectively; in 1995, Latinos made up 1.4% of the faculty, but that number fell to 0.7% again by 2002.

In 2001, women made up only 7% of the top faculty leadership positions, both as executive officers in the biology division. By division, there the humanities and social sciences division has the highest percentage of women faculty, at 21%. Biology and Chemistry and Chemical Engineering have 18% and 14% respectively, while GPS, EAS and PMA round out the list with 6%, 5% and 8%, respectively.

The subject of gender diversity in the faculty has been a hot topic among professors and administra-



Computer Rendering of Library

Courtesy of A. Elbert

A computer-generated diagram details a proposed plan for the interior of Sherman Fairchild Library. The layout is part of a slate of structural improvements draped in amendments to the Master Plan.

New Library Interior, Parking Structure Among Fresh Revisions to Master Plan

By JENNY IOFINOVA and ARTHI SRINIVASAN

Over the next few years, the Caltech campus will be undergoing many changes due to a slate of large-scale construction projects, part of planned revisions to the 14-year-old Master Plan for campus development.

The first stage of construction involves renovation of Dabney Hall, as well as the construction of a new math and astrophysics building next to Keith-Spalding and several changes to the athletic fields, namely the renovation of the track

and, construction of a large underground parking structure under the baseball field. In the future, plans are still hazy to renovate the North Houses, as well as Mead and Robinson.

The proposed renovation of the track and field area includes relocating the soccer field to the inside of the track. The project will start next month and is budgeted to cost \$600,000. It will be completed by the end of the summer, allowing for the construction of the parking structure to begin.

As for the remainder of the project, Arthur Elbert, Associate Vice President for Campus Planning, promised that "when you come back for school in September 2004, the parking structure will be done."

The proposed structure is projected to hold 700 cars, but since a parking lot will be demolished in the construction process, a net increase of 500 spots is anticipated. The approximately three sparking levels will set the school back \$17 million.

After the garage is constructed, the baseball field will be rebuilt over it, but will face the other way, with home plate in the same corner of the field as Braun athletic complex.

The new parking structure is not expected to fill up right away. Said Elbert, "we will encourage students to park there; [the structure] should satisfy the parking needs for Caltech by loosening up the demand on other surface lots." It is not yet clear whether there will be enough space to restore parking privileges to the entire future freshman classes, as opposed to the 25-space lottery offered to this year's freshmen.

A central reason for building the parking structure is to provide a means for parking before building the new astrophysics building east of Keith-Spalding. The plans for the building, which is estimated to cost \$50 million, include two wings which will be primarily used for research, although they will contain some classrooms and conference

rooms, as well as an atrium in the center which, according to Elbert, will serve as "a space to get together and talk about common interests and research ideas."

Another project that is soon scheduled to commence is the renovation of Dabney Hall for the Humanities. Dabney Hall was originally intended to house solely the humanities, but over the years, has come to house many administrative offices. The renovation will begin this coming October, when the administrative offices are moved to the empty third, fourth and fifth floors of Millikan library.

The next phase will be to restore the many historic rooms in Dabney Hall to their original state, complete with original woodwork and light fixtures, which is estimated to cost \$15 million. By the fall of 2004, many offices of humanities faculty will have moved from Baxter into Dabney Hall.

Notably, the parking structure and athletic fields project is the only one that will be paid for with the Institute's funds, in the form of bonds to be repaid. The other projects will be built with money from private donations that has already been raised.

According to Elbert, while many wealthy people affiliated with the Institute will gladly support its development and contribute funds for the renovation of Dabney Hall, one of the Institute's original buildings, "nobody wants to give money for a parking structure."

Beyond the scope of the parking structure and the new physics building, Caltech has many construction plans, including the renovation of Mead, Robinson and the North Houses, although these are in the more distant future.

Said Elbert, "[the parking structure] sets the stage for the other projects." Currently, the committee in charge of fundraising maintains a list of projects to raise money for and the plans for Mead and the North Houses are being discussed with the developers, although no concrete plans have been made.

Continued on Page 8, Column 2

Diagrams on Page 2, Column 1

BANDORAMA TO FEATURE BAND FLEET

By JILL PERRY

The annual Caltech Bandorama concert will feature the music of Leslie Deutsch eight p.m. May 10 in Beckman Auditorium. It is free and open to the public. No tickets or reservations are required.

The concert, presented by the Caltech Occidental Concert Band, the two Caltech Jazz Bands, and the Caltech Chamber Singers, will feature the musical talents of Deutsch, a Caltech alumnus who studied mathematics and engineering. Deutsch is also the chief engineer for the Jet Propulsion Laboratory's Interplanetary Networks Directorate, the organization responsible for providing communications, tracking, and network services across the solar system and within JPL.

He is an accomplished performer on keyboards, brass, woodwinds and percussion, and also composes classical and jazz music. He is the organist for Caltech's convocation brass and percussion at commencement and has been an active member of many local jazz groups since 1974.

In addition to playing organ and Dixieland jazz, Deutsch performs in several Caltech ensembles. He has played trumpet, trombone, alto and baritone sax, clarinet, flute, piccolo, tuba, horn, and percussion with the Concert Band and trumpet, sax, and piano in the Thursday Jazz Band.

The program for the concert will feature a broad array of bands.

Wernicke to Outline Ways Of Handling Earthquakes

By MARK WHEELER

Earthquakes are fearful things, often catastrophic, yet largely forgotten in the interim between major jolts. Still, the western United States is earthquake country. How best, then, to withstand, both in human and financial terms, the occurrence in urban areas of large earthquakes that occur over long intervals?

The greatest progress in mitigating the hazards earthquakes pose will come from the deepest possible understanding of why they occur in the first place, says Brian Wernicke, Chandler Family Professor of Geology. This Wednesday, Wernicke will discuss the current state of earthquake research in his talk, "All the Faults in the World; the Cutting Edge of Tectonic Research." It is one of the ongoing Ernest C. Watson Lecture Series.

Scientists who study tectonics—how the outer part of the earth deforms—are developing a physical theory that relates phenomena on a human time scale, such as earthquakes, to those observed over long-scale geological time, such as the motions of tectonic plates and the creation of mountain ranges.

This knowledge will help scientists understand what triggers earthquakes, determine what the earthquake potential is in any given area, and allow us to better prepare for them.

That's not to suggest, says Wernicke, that we would ever be able to give a day's, week's, or month's notice of an impending earthquake even if we did understand why they occur. But at a mini-

mum we could greatly improve the current century—to millennium-scale estimates of the hazards that exist in any given locality. By analogy, he notes, while tomorrow's weather forecast may be useful—will it rain tomorrow or not?—our understanding of climate, and changes in climate—how much rain per year on average, and will this hold up for the next century?—are critical.

When we build our houses, insure our property, decide what to plant, and buy our clothes, we do so out of knowledge of climate more than out of knowledge of tomorrow's weather. For earthquakes, as weather, the long-range perspective is perhaps more useful from the standpoint of how to withstand the power of large temblors over long stretches of time.

Achieving this goal lies in understanding a broad range of phenomena, which are just now coming to light, that occur at timescales of decades to hundreds of thousands of years. This is made possible thanks to diverse new technologies that Wernicke will discuss, such as satellite positioning (GPS) and landscape imaging, measurement of rare isotopes in rocks created by cosmic rays, and high-performance computing and data engineering.

World News: Democratic Faceoff, N. Korea Threats

By PHIL HARRIS

Democrats Square Off

Nine Democrats seeking their party's Presidential nomination squared off in South Carolina in the first full debate of the 2004 election season. While falling short of some party loyalists' expectations, the candidates effectively used the sometimes chaotic affair to dig in and reinforce their individual messages.

Former House Speaker Dick Gephardt offered what many called the clearest contrast both to President George W. Bush's and to the other candidates, offering up his plan of universal health care to the chagrin of his fellow candidates, who said the plan would come straight from the pockets of working Americans.

Massachusetts Sen. John Kerry and Vermont Gov. Howard Dean took the chance to trade barbs on national security. Dean had come under fire the week before for questioning the longevity of the U.S.'s global military superiority, a statement Kerry mocked.

Present front-runner Connecticut Sen. Joseph Lieberman, meanwhile, staked out the position perhaps furthest to the right, in staunch defense of the war on Iraq and of

Bush's measures to enhance national security.

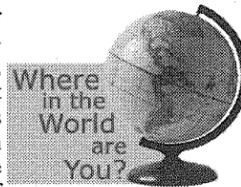
In contrast, Carol Moseley Braun pounded home her opposition to the Patriot Act and to perceived assaults on civil liberties. Fellow candidate Al Sharpton agreed, driving home his mission to craft an in-touch presidency.

Though sometimes at a loss for words, Florida Sen. Bob Graham stressed his qualifications and his plan to create jobs. North Carolina Sen. John Edwards held up his connection to rural America and blasted Gephardt's economic plan as "Reaganomics." Ohio Rep. Dennis Kucinich didn't speak much, but when he did emphasized his distaste for the Bush administration.

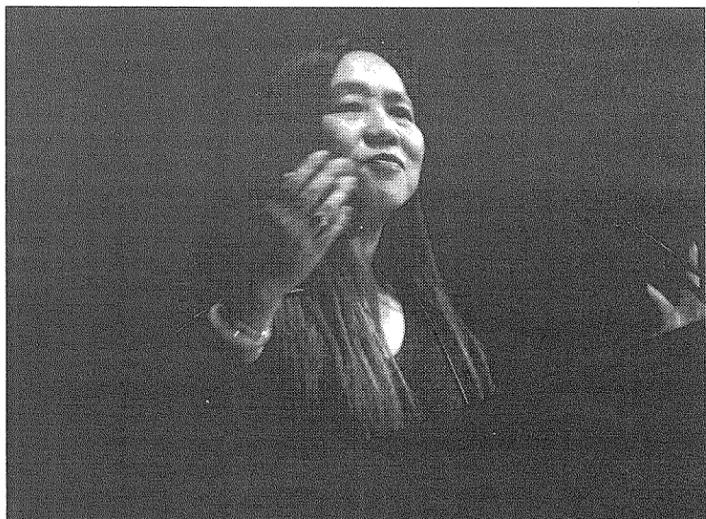
N. Korea Plans Nuclear Attack

North Korea has 100 nuclear missiles locked on to cities on the U.S. mainland that the ruling administration would launch if the U.S. attacks or imposes sanctions, said North Korean propagandist Kim Myong Choi yesterday.

He claimed his country obtained the missiles from Pakistan before a 1994 nonproliferation treaty. But would he follow through? "Definitely," he said to the Associated Press.



'RAMBLING': POET CHIN CHANNELS THE MUSE



D. Kortz/The California Tech

Poet Marilyn Chin draws out her inner poetic musings in a speech last Wednesday in Ramo. Part of the Voices of Vision series, Chin focused on her experiences as a Chinese-American poet and the thought process underlying her composition.

Datta to Show Off 'Odissi' Indian Dance

By JILL PERRY

If the structural biology thing doesn't pan out, Deepshikha Datta can always fall back on traditional Indian dance.

The California Institute of Technology researcher studied odissi dance in her native India for 20 years and teaches the rare dance form. She, along with five other dancers, will bring that talent to the Ramo Auditorium stage for "An Evening of Odissi" at 6:30 p.m. Friday, May 23. The event is free and open to the public. Tickets are not required.

The Caltech Y, Asian Pacific Student Union, the Diversity Program Fund, Student Affairs, the Women's Center, and International Student Programs are sponsoring the event as the concluding activity of Asia-Pacific Heritage Week at Caltech.

Datta, who earned her Ph.D. in biochemistry and molecular biophysics from Caltech last year, was one of the top odissi performers in India, she even received a scholarship from the Indian government to study dance in college. Odissi, which has the same stature as ballet in the United States, was not her only love, however.

Her love of science drew her to the U.S. and has monopolized her time for the past few years.

"If you're going to do something well, you have to put in the effort," says Datta, who used to spend seven hours a day practicing dance, but now that time is devoted to science. She studies the computational methods in enzyme design and plans to work in biotechnology, but dance will never be far from her life. "Dancing is so much in me that it has to continue. I've groomed it for so many years that I can't stop," she said.

Ironically, it's a bit of an accident that she became an odissi dancer to begin with. She was originally signed up for a more common traditional Indian dance, bharatnatyam, when she was six years old. That style required stiff and angular movements. Her teacher recommended to her mother that she try odissi, a smoother, flowing form of dance that better fit her personality.

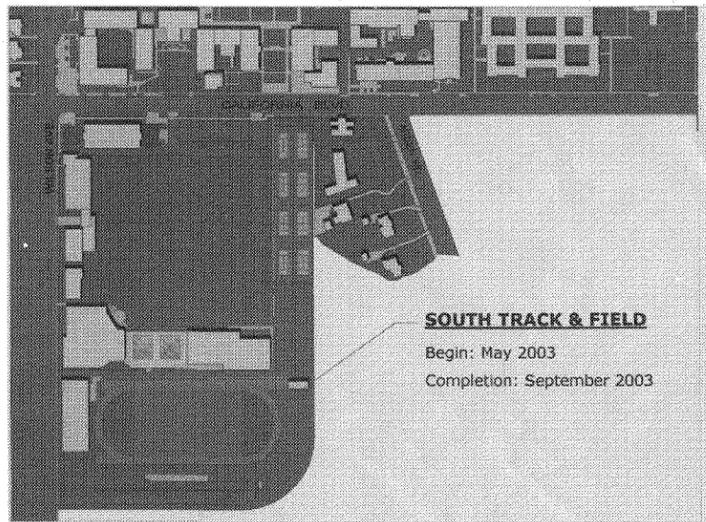
"Indian classical dances are dances of the mind and the soul and are extremely traditional. They still follow the rules set down in texts of the second century A.D. Indian classical dance is created through

rhythmic movements and is very sensuous but the blissful experience it evokes is very spiritual," according to Datta.

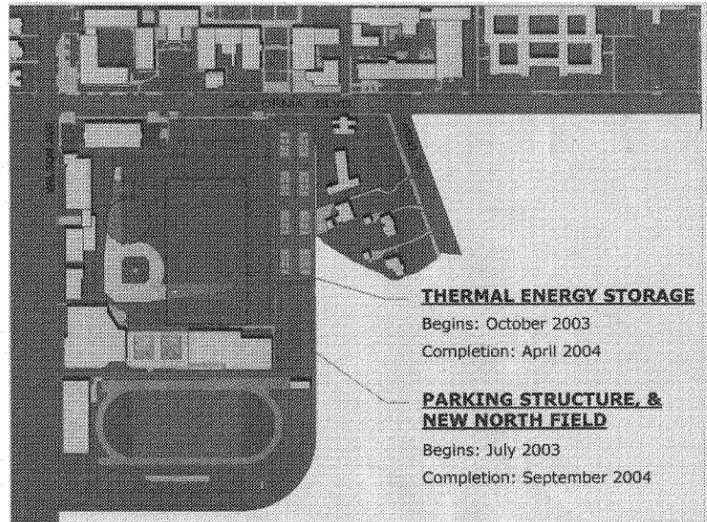
The ancient classical dance originated in the eastern coastal state of Orissa, India. Unlike the other Indian classical dances, such as bharatnatyam and kathak that have gained visibility in the U.S., an odissi performance is relatively infrequent, especially in Southern California, she added.

Possibly the oldest classical dance in the country, odissi has been mentioned in inscriptions and depicted in sculptures in temples. The dance form lost its patronage and became almost extinct during the colonial period. In the 1950s, with the rise of nationalism, the dance form was revitalized through a study of the literature on the subject and the sculpted dance poses. Of all the primary classical dances of India, this predominantly feminine dance most closely incorporates stances from temple carvings, she explained.

BLUEPRINTS RELEASED; MASTERFUL PLANNING?



SOUTH TRACK & FIELD
Begin: May 2003
Completion: September 2003



THERMAL ENERGY STORAGE
Begins: October 2003
Completion: April 2004
PARKING STRUCTURE & NEW NORTH FIELD
Begins: July 2003
Completion: September 2004

Courtesy of A. Elbert

A map displays the planned location for a new South Track and Field to be constructed by September 2003.

Courtesy of A. Elbert

A blueprint outlines the proposed positioning of a new thermal energy storage center and a parking structure.

The California Tech

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

VOLUME CIV, NUMBER 25

Tammy Yee Wing Ma Vi Tuong Tran
Managing Editor Business Manager

Kevin Carl Bartz Circulation
News Director Chris Crabbe

Leo C Stein Tearsheets
Commentary Editor

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

Letters and submissions are welcome; e-mail submissions to tech@ugcs.caltech.edu as plain-text attachments, including the author's name, by Friday of the week before publication. Sorry, the Tech does not accept anonymous contributions. The editors reserve the right to edit and abridge all submissions for any reason. All written work remains property of its author.

The advertising deadline is five p.m. Friday; all advertising should be submitted electronically or as camera-ready art, but the Tech can also do simple typesetting and arrangement. All advertising inquiries should be directed to the business manager at business@tech.caltech.edu. For subscription information, please send mail to "Subscrip-

The Wheels of Student Gov't: Myriad of Promises, All Kept

By TOM FLETCHER

Getting Down to Business

The clubs have been interviewed, the budget is set. Formal planning is progressing, the IHC has done its interviewing and appointing. With the traditional duties of the ASCIT BoD taken care of, we could start resting on our laurels. But then we'd have some seppuku to follow through on. On the contrary, now that the transition issues have been taken care of, we can focus on bigger issues, like making student government on campus more responsive and effective.

The faculty and the administration often criticize the students for not "getting it together." They are right—in the past our government has been slow and ineffective, glaciers have moved faster than information did. Of course, one can level the same charge at the administration and the faculty, and rightly so in my opinion. Facing the challenges in the future of Caltech will take collaborative solutions between all three groups, the pillars of Caltech in my mind, and we will need to work together effectively. I would like the administration and the faculty to take note: we, the students, are getting our acts together.

We are keeping our promises, holding up our end of the bargain to make Caltech the best school in the country. I just hope that you are also willing to make the changes needed to move forward.

Representation and Information

Problem: Caltech students feel uninformed of faculty/administrative decisions. This has been seen time and again with things like health care—where students didn't get a chance to speak up until it was almost too late and a lot of animosity was created on all sides.

Why does this problem exist? Students are represented on all the committees that are making these decisions—at least in theory.

Continued on Page 4, Column 4

In practice, a number of students are simply "resume passing." Many faculty committees aren't even aware that students are supposed to be invited to these meetings; this happened to me for a long time and was only recently corrected.

Solution: There is no room in the student government that we are building for resume passing. This week, we are planning on adopting a procedural guideline for student representatives on committees. The guidelines will simply mandate that attendance at committee meetings is required and that summaries of the meeting must be provided to the student body through ASCIT, with exceptions for confidential work like that of UASH. Students who are delinquent in attendance, not going and not informing the alternate, will be removed from the posts and replaced by students who will work for effective government.

The aforementioned summaries will be posted, either online or in the *Tech*—we're still working on the format—so that the entire student body will know what committees are working on. This will enable concerned students to channel their reservations to their representatives before decisions are made.

The result? We will be able to work with the faculty and the administration to resolve differences prior to difficulties. We will actually have a say in what takes place when our committee representatives actually represent us. When I accepted the office of ASCIT President, I swore in my fellow officers with the closing words "...and work to improve trust on campus." Lastly and most importantly, we will be working to restore the trust between the three parts of Caltech by removing the barriers between our interaction.

What role does the faculty play here? We got this idea from how the present faculty board receives committee reports. We are ready to finally hold up our half of the sky.

Coachella Lineup Review: Blur, Ben Folds, The Hives

By BEN LEE

The Saturday Line

It's high noon in Indio and there isn't a cloud in the sky. Under different circumstances, I could admire the simple beauty of a desert skyline unobscured by smog, but I am waiting impatiently in the mother of all lines. As I bake in the sun, I reflect on how much stinking cash I shelled out to Goldenvoice and Ticketmaster for the privilege to participate in this death march. The problem appears to be staffing. Approximately a thousand people in a line and only five event staff performing frisk searches. Also, there is no one working security on the line. It isn't long before the back of the line rushes the front of the line. Thinking ahead, I quickly pick something I want to try and flip over in case of riot: a golf cart that is being used to sell overpriced water.

Sadly, there is no riot. The line just becomes shorter but wider and therefore even slower.

The search is apparently only inefficient—not thorough. One woman easily sneaks in a baggy of contraband inside her bra. After three hours in the line and faintly hearing the Mooney Suzuki and the Donnas, we make it inside.

The Hives

Representing Sweden in the new mainstream retro-rock melting pot, The Hives played a fast-paced, energetic set to a receptive audience in the main outdoor stage. With slogans like, "The Hives are Law, You are Crime" and "We are Your New Favorite Band," one has to expect The Hives put on an incredibly arrogant attitude, which can be received as annoying yet oddly appropriate

Continued on Page 5, Column 1

for rockers. Frontman Pelle Almqvist seemed to channel a Mick Jagger as he pranced around the stage. The rest of the band also maintained an energetic performance throughout the set. In between the catchy retro-punk, Almqvist engaged the audience with cocky banter, announcing that The Hives had the power to control weather and accusing Californians of being lazy, "sipping pina colodas in the sun."

Blur

After an extensive touring hiatus, British rockers Blur returned anew.

Guitarist Graham Coxon left the group during the recording of the upcoming album, *Think Tank*, forcing lead singer, Damon Albarn to recruit Simon Tong, who used to be with the Verve. As the sun began to set in Indio, Blur took the stage with an additional three backup vocalists, playing a set of mostly new material but also pleasing the crowd with the Britpop dance anthem "Girls and Boys" and the woohoo filled, "Song 2."

A rocking "Beetlebum" was also well-received by the audience. The new Blur songs seemed influenced both by the exotic Moroccan album production location and the electronic edge of Albarn's side project, Gorillaz. *Think Tank* will be released May 6.

Ladytron

Ladytron came on stage in the Mojave Tent more than an hour late due to technical difficulties. Dressed in black and standing before four keyboards, the band played robotically with little stage presence. Ladytron's music can be characterized by synthetic keyboards

The Yolk of Self-governance: Tempering the Student Voice Sidestepping Peers Undercuts Unity, Message, Purpose

By TED JOU

This week, I finally ordered my cap and gown and made a decision on where I'm going next year. There are only a few more weeks until I graduate and write my last column in this newspaper. So, for today and for the next three weeks, I will share my final thoughts about undergraduate life at Caltech. In particular, I will try to answer the question, "What is wrong with Caltech?"

There are many things wrong with Caltech, but the reason I have been writing in this paper over the past year is that I strongly believe the solutions to almost all of these problems are in the hands of students. What's wrong with Caltech? It's the students. We are doing a great number of things wrong and we have been doing them for decades.

There are probably very few undergraduates that agree with that statement.

Many would blame "the administration" for the problems they perceive. Anyone who has ever actually worked with administrators, however, knows that "the administration" is a grossly over-generalized scapegoat—there is no behind-the-scenes conspiracy and there is no single administrator running the show.

So what are the common problems students face at Caltech? At the top there are only a few. One of them is the academic workload, which students tried to address in earnest at the recent Student-Faculty Conference. I was surprised by the mixed response to a lot of questions about workload, which helps illustrate an important point: there is no universal student opinion on any of these issues; "the students" can be as much of a generalization as "the administration."

In any case, there are many quick fixes, such as revisions to the Catalog and adjustments to various requirements, and some long-term solutions, such as a Dean of Undergraduate Studies, being implemented to tackle the workload issues, so it's not worth

discussing at length.

The other oft-repeated concern of students is that the administration is taking away student freedoms—that our self-governance is being threatened. This belief is at the core of all the administration-student conflicts that have escalated dramatically over the past two years. It is also an issue that I don't think anyone really understands. The loudest opinions of students are overly simplistic and flawed and the actions of administrators have been clumsy and misguided.

The issue at hand is self-governance and I believe strongly that the onus is on the students to solve these problems themselves. The mistakes of administrators are often blamed on a failure to solicit student input—put in other words, one could say that the fault lies with students for failing to make their own opinions heard.

Perhaps this blame falls on the student government for not communicating student views to the administration. I was president of the student body for a year and I will be the first to admit that I regret not speaking up enough on issues like the house system, the library and the fire policy. However, I also rarely had people complain about those things to me during my term, so they never reached the top of my priority list above health insurance, *Vectors* or doughnuts.

What makes self-governance work is taking it upon yourself to speak up when you have a concern. When there is something you care strongly about and find others who support your opinion, it is imperative that you get involved and do something about it. When you sit in your room and complain to your friends about what the administration is and isn't doing, you are openly dismissing the whole notion of self-governance. You're sitting idle complaining about how other people are governing your life rather than govern-

Continued on Page 5, Column 4

HELP US CELEBRATE THE 2ND ANNIVERSARY OF THE TECH EXPRESS

Mark your calendar and please join us in person as we celebrate the second anniversary of Graphic Arts Facilities' satellite location, **TECH EXPRESS**

In honor of this milestone, we will be offering incredible anniversary specials during the week of April 21st.

All orders must be placed in person at the **TECH EXPRESS**

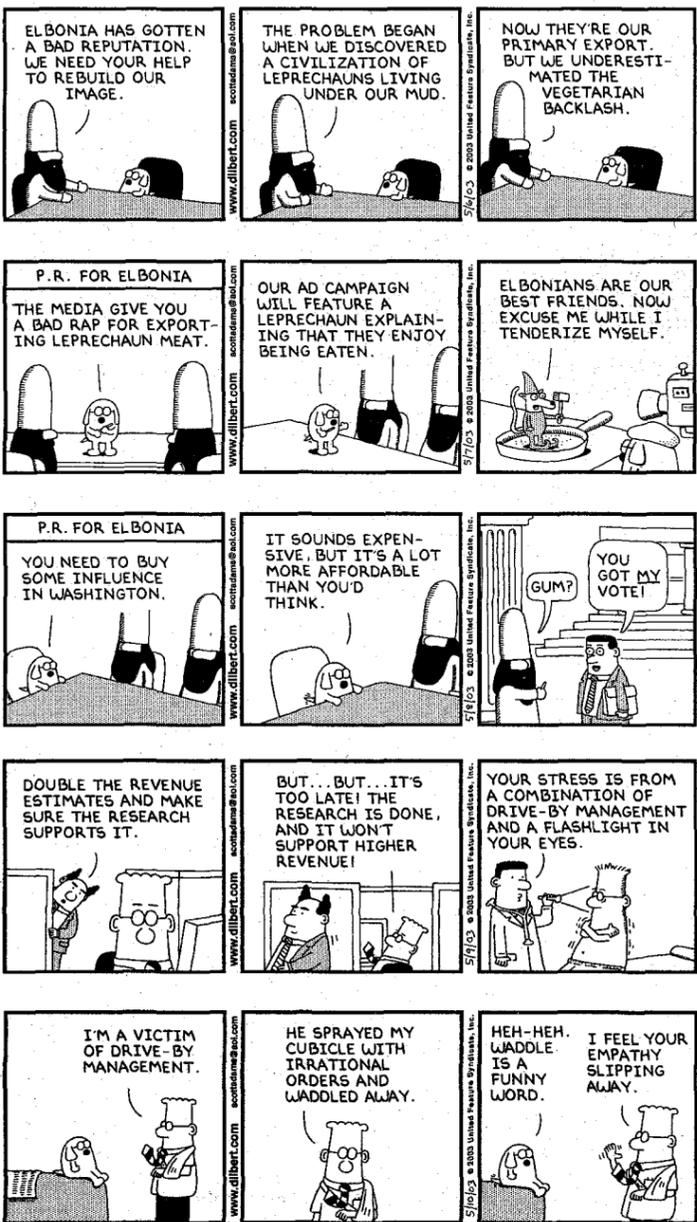
(near the south entrance of Lloyd House, Bldg. 54, along the Olive Walk) to take advantage of these special values.

Monday, MAY 5	10% OFF Black & White Copies
Tuesday, MAY 6	20% OFF Caltech FedEx Forms
Wednesday, MAY 7	30% OFF Caltech Business Cards
Thursday, MAY 8	40% OFF Customized Notepads
Friday, MAY 9	50% OFF Color Copies

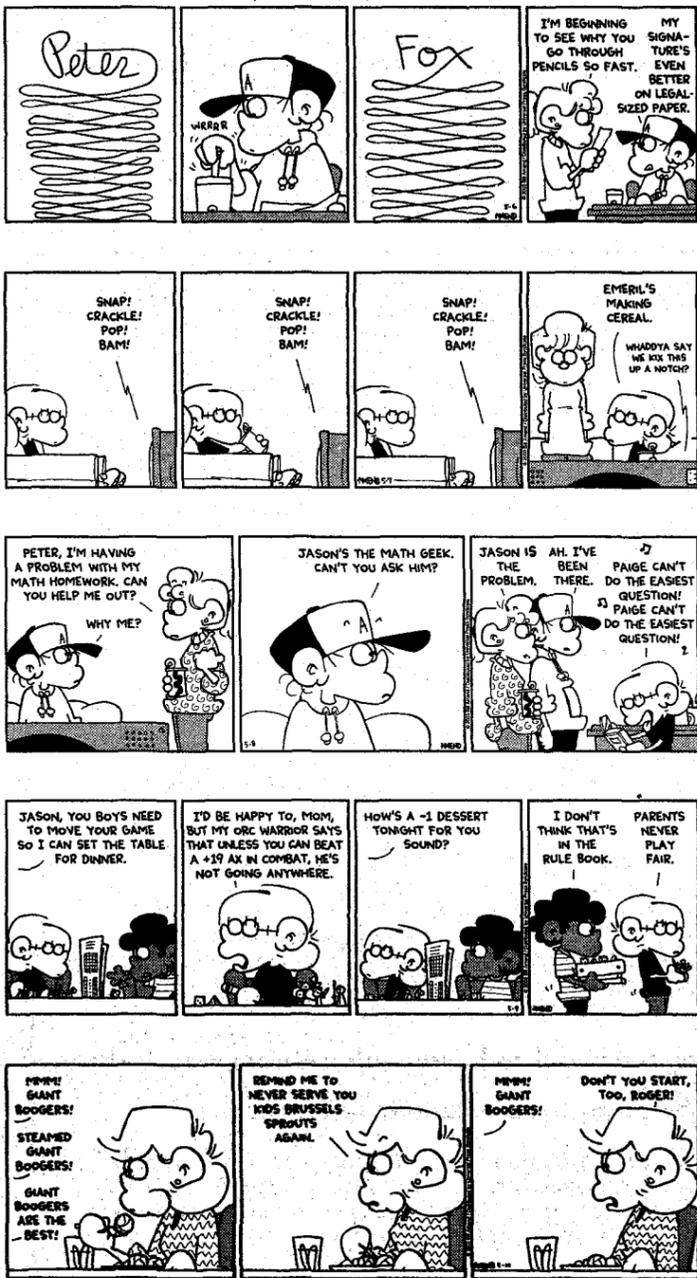
In addition, all 2nd sets of photo-developing orders for 35mm film processing will be FREE throughout this week.

Please join us for special prize drawings throughout the week!

DILBERT® by Scott Adams



FoxTrot by Bill Amend



ASCIT Minutes.
April 30th, 2003, 12:01 p.m., Olive Walk
Present: Joanna Cohen, Tom Fletcher, Kim Hiscox, Kathryn Hsu, Galen Loram, Anna Sczaniecka, Andrea Vasconcellos, & Corinna Zygourakis. Absent: Jeremy Pitts
Guests: Mannie Garcia, Kim Popendorf, Richard Wirz, & Others.

Agenda
1. Call to Order
2. The Jamroom managers requested money to buy speakers. \$2,100 has already been budgeted for the Jamroom, but the BoD is waiting for a price quote before they write a check. Richard and Mannie also hope to purchase two PA systems: one for the Jamroom and one that is portable.
3. ASCIT still needs an Excomm. Tom will e-mail the IHC to ask for representatives from the seven houses and he also hopes to get off-campus students involved as well. The Excomm will consist of fifteen members (eight ideally).
4. The IHC is still interviewing prospective students for committee positions. In the future, committee representatives will be required to e-mail weekly summaries of their meetings to the BoD and post them on the web. This will improve communication, keep committees on task and ensure student attendance.
5. Officer Reports/Weekly To-Do List
Tom will meet with Margo Marshak this afternoon as usual.

Galen is really happy with that the new BoC laptop; it has been crash-free so far! Galen also met with E&AS earlier this week and will meet with Biology this Friday, May 2nd for a Q & A session.

Joanna had the 2003-2004 budget online. She has some receipts that she still needs to reimburse.

Anna needs to update some of the ASCIT pages online that make references to the old BoD. She will do that this weekend.

Kathryn is still waiting for SFC final reports from people. Sign-ups for a number of ARC committees are currently up and will come down on May 7th.

Teaching award nomination are also up. On another note, there is talk of merging the Core Curriculum Committee and Academic Policy Committee in order to make them more effective.

Kim scheduled meetings with two potential DJ's for the ASCIT Formal so that she can check them out. Tom Mannion is also going to negotiate with the Ritz in order to decrease the cost of ASCIT Formal. Kim is also going to meet with the GSC on May 1st to discuss ASCIT Formal funding. On another note, Kim requested \$100 from the social reserve fund to pay for the next band visiting Caltech, *Ottis*. Vote: 7-0-0, approved. Kim is also working with Tom Mannion to reserve Pacific Hastings for Matrix 2!

Andrea put up sign-ups for publications. Corinna sent out club notification letters. Meeting adjourned at 12:40 p.m.
Respectfully Submitted,
Anna Sczaniecka
ASCIT Secretary

The tenth annual **Semana Latina** will take place this year from May 5-May 10. Semana Latina is organized by Club Latino and CLASES (the graduate and undergraduate Latino student organizations) and is one of the most highly anticipated events at Caltech. Look for posters and advertisements that will appear soon on a bulletin board near you! All events will be free and will be presented outside Winnet Center unless otherwise noted. Lunch will be served for a \$4 fee.

The current schedule of events is as follows:
Monday, May 5th
-Johnny Polanco y su Conjunto Amistad, salsa, noon
-Ernie's, lunch
Tuesday, May 6th
-Mariachi Los Pasajeros, noon
-Ernie's, lunch
Wednesday, May 7th
-B-side Players, East La salsa mix, noon
-Ernie's, lunch
Thursday, May 8th
-Los Koras, Norteno Band, noon
-Ernie's, lunch
Friday, May 9th
-Clarita and the Arte Flamenco Dance Theater, Flamenco, noon
-Ernie's, lunch
-movie: "El Hijo de la Novia", Argentina, BI Auditorium
Saturday, May 10th
-Salsa Party with Odara, Afro-Cuban salsa, Winnet courtyard, 9pm.
-Ernie's, lunch

Athenaeum Tennis Ladder. All Athenaeum members and their families are invited to join the Athenaeum's managed singles and doubles tennis ladders. Once per month, ladder managers will post matches to be completed by the end of the month. Players contact each other to arrange mutually agreeable date and time to play. Matches are formed between players within a few ladder rungs of one another. The ladder includes both men and women and all levels of play are welcome. For doubles play, one team member must be a current Athenaeum member. Each year trophies will be awarded. Signups welcome at any time. For more information, contact Rich Dekany at rgd@astro.caltech.edu.

Attention all undergraduate students on financial aid: The last date to request any change to your 2002-03 financial aid award is Monday, May 19, 2003. Requests

**Changes to ASCIT:
Less Power for Pres.**

Continued from Page 3, Column 2

What we ask that you do is not forget to invite us to committee meetings. Please, we are eager, even desperate, to work with you on solutions before problems arise. Additionally, I think it would be wise for you to take a look at your responsibilities on committees. Attendance at faculty board and general faculty meetings, from what I gather, is appalling. We are doing what we can to kill apathy on our end. It would be encouraging to see the same from the faculty.

Oversight

The student body's government is watched over by the ASCIT Excomm—a committee of students in place to supervise student government, interpret the bylaws and correct abuses. It is appointed by the ASCIT president. Raise your hand if you don't see the problem.

Problem: In the past, this body has been staffed by the president's friends at its worst and by people who know other BoD members at best. When the Excomm had to decide the validity of an election protest a year ago, it was hampered by its standing with regard to the body it was overseeing. Without effective oversight, corruption, laziness and apathy rot a government to pieces.

Solution: I have recently asked the IHC to recommend to me candidates from all seven houses—in the past, house representation on the Excomm has been skewed. If you are unaffiliated with the houses or do not frequent them, but are interested in overseeing the student government, please contact me. Your voice should be heard. If you are a member of a house, contact your president. Based on these recommendations, we will have an oversight committee untainted by being chosen by the body that they oversee. Additionally, we will have a motivated, representative body to make sure that we on the ASCIT BoD keep working hard for you.

for 2002-03 changes made after May 19, will not be considered. Please contact the Financial Aid Office at extension 6280 if you have any questions. NOTE: graduating seniors must request any change by May 5, 2003.

Bandorama Features Les Deutsch. The annual Caltech Bandorama concert will feature the music of Leslie Deutsch 8 p.m. May 10 in Beckman Auditorium. It is free and open to the public. No tickets or reservations are required. The concert, presented by the Caltech-Occidental Concert Band, the two Caltech Jazz Bands and the Caltech Chamber Singers, will feature the musical talents of Deutsch, a Caltech alumnus who studied mathematics and engineering (B.S. 1976, M.S. 1977, Ph.D. 1980). Deutsch is also the chief engineer for the Jet Propulsion Laboratory's Interplanetary Networks Directorate.

The program for the concert will include:
Concert Band
Mendelssohn - Overture for Band
Von Suppé - Jolly Robbers, conducted by Caltech Professor Paul Asimow
Les Deutsch - Fantasy and March for Three Trumpets
Les Deutsch - Theme and Perturbations, in which Deutsch plays solo piccolo, trumpet, tuba and saxophone.
Star Wars Medley, conducted by Caltech senior Chad Kishimoto
Monday Jazz Band
Leslie Deutsch - Prelude and Fugue in G Minor
Put a Lid On It
Leslie Deutsch - choral music, performed by the Caltech Chamber Singers
Thursday Jazz Band
Kid From Red Bank, a Count Basie tune featuring Deutsch on piano
Leslie Deutsch - Suite 343

Caltech Blitz Chess Championship. Quick and fun for everyone! On May 9th, the Caltech Chess Club will host the first annual Caltech Blitz Chess Championship. It is open to the entire Caltech community and to all levels. There will be special prizes for novices. Come play chess and enjoy the thrill of competition for a couple of hours! Details: Friday, May 9th 2003, 8 - 11 p.m.; Page House Dining Hall; 6 rounds, two games against each opponent; 5 minutes per player per game. Overall prizes: \$100, \$75, \$50. Novice prizes: \$30, \$15 (Novice prizes

Whom I Met With This Week

Nine weeks of transparency! Will nothing stay hidden? As usual, I met with Margo Marshak. We discussed Prefrosh Weekend—a success, it would seem—plans for improving student life and how to follow up the Student-Faculty Conference. We also talked about planning some "anthropology" excursions to give the administration a better idea of what it is actually like to be a Caltech student. I also met with Alice Huang to discuss planning next year's student leaders dinner. This week I will be meeting with the new head of the Alumni Association. If you have anything you think the alumni should know, please inform me and I will carry it along.

Moment of Zen

I was reminded of this quote when considering how much both parties, students and faculty, have to gain from ensuring everyone is represented. It's only somewhat apt, but it says something so important about freedom of speech that it couldn't possibly hurt to hear it:

"The history of intellectual growth and discovery clearly demonstrates the need for unfettered freedom, the right to think the unthinkable, discuss the unmentionable and challenge the unchallengeable. To curtail free expression strikes twice at intellectual freedom, for whoever deprives another of the right to state unpopular views necessarily also deprives others of the right to listen to those views."

—Oliver Wendell Holmes, Jr., U.S. v. Schwimmer, 1928

Peace,
Tom Fletcher
ASCIT President

P.S.: A hypothetical question on the supernatural: Who makes the cooler ghost? Roland the Thompson Gunner, Tom Joad or Banquo?

are for people who either have never played in a rated chess tournament or have a rating lower than 1600.) More info: Wei Ji Ma, ma@klab.caltech.edu.

Women's Center Events

Traveling Safety Workshop; Tuesday, May 13, 12:00pm-1:00pm; This class is designed to help travelers recognize safe and unsafe traveling habits and behaviors, while also providing some self defense tactics.

Reel Women Series: *Minerva's Machine: Women and Computing*; May 14, 12:00-1:00pm; Celebrates the history of women in computing and profiles successful women in the field today. The film demonstrates the diversity of women in computing and shows the many ways to be successful. It explores why there are fewer women in computing and other ways to bridge the computer gender gap. The films are shown in the second floor common area of the Center for student services. Pizza and drinks provided.

Folk Music Society. Sparky & Rhonda Rucker, from Maryville, Tennessee, sing and play guitar and harmonica and banjo. Their play Appalachian music, old-time blues, slave songs, Civil War music, gospel, work songs. Sparky is a fine singer and this will be a great opportunity to hear some blues-drenched music from an African American perspective. The concert is at 8:00 PM on Saturday, May 10 in Dabney Hall Lounge. You can get tickets in advance (\$5 for students) at the ticket office or at the door. Or contact rmayreis@earthlink.net

California Institute of Technology Division of the Humanities and Social Sciences Seminar on Science, Ethics and Public Policy presents Dr. Jean Eisenstadt, of the Chargé de Recherche au CNRS, SYRTE, Observatoire de Paris, on "The Low tide of General Relativity: 1925-1955." Baxter Building, Room 25, Friday, May 2, 2003. 4:00 p.m. Seminars are on the Caltech campus and are open to the community at no charge. For information, contact Clare Brown at (626) 395-4067 or clare@hss.caltech.edu. For a complete list of SEPP seminars and Harris Lectures scheduled for this academic year, please visit our website: <http://www.hss.caltech.edu/ses/SEPP.html>

Polyphonic Spree: Cultish, But Bursting With Energy

By ANTHONY SOWINSKI

Anybody remember *Tripping Daisy*? The band ended four years ago when guitarist Wes Berggren died of a drug overdose. Lead singer Tim DeLaughter made the very understandable decision of taking a couple years off from the music business. Then two more years pass before Tim appears at Coachella at the head of the Polyphonic Spree. I can't even begin to understand what must have happened over the second two years.

A self-described symphonic pop band, the Dallas based Polyphonic Spree could easily be mistaken for a Christian cult. The band performs dressed in white robes and, this weekend at least, Tim DeLaughter wore a cross around his neck. This already sounds like a must-see act, but if you're not impressed yet, that's okay, because the substance of the Polyphonic Spree is even more amazing than their appearance. To wit, "symphonic" is actually a literal description. In addition to Tim, the band boasts people playing the flute, trumpet, trombone, French horn, violin, upright bass, harp, percussionists and a seven-member choir. Not to mention the standard guitarist, the effects wizard, two keyboardists and the Theremin player!

The sound produced by these people is the happiest, most euphoric music you can possibly imagine. No, actually, I take that back. It's happier and more euphoric than you can imagine. It really has to be heard live to be fully appreciated, because part of the joy that is the Polyphonic Spree comes directly from the performers them-

selves. At any time, half of them were dancing to the music in a very ecstatic, thrashing sort of way. They clearly enjoyed playing for us, but even more than that I got the definite impression that they were just delighted to be alive.

The Spree played for almost an hour Sunday afternoon on the main outdoor stage. Their songs were about very simple things, like smiling and sunshine and holidays. In no way were they preachy or religiously condescending, for which I was very grateful. The Rainbow Connection would have fit in perfectly; I would have loved to hear an orchestral adaptation of the Rainbow Connection. The group invited people to join them on stage for their last song and when they shouted out "Who wants to join the Polyphonic Spree?" it seemed as if they really were a cult, eagerly recruiting new members.

For those of you who have been wondering about the venue, it was the annual Coachella Music and Arts Festival, which was this past weekend. Held on a huge expanse of polo fields out in the desert in Indio, the festival had five stages and over sixty bands, playing from noon to midnight Saturday and Sunday. Attendance was upwards of 30,000 each day, making it noticeably more crowded than last year.

The band playing before the Spree also put on a surprisingly good show. The Soundtrack of Our Lives is a Swedish band that plays an updated mix of '60s and '70s psychedelic rock, most clearly reminiscent of the Who and Syd Barret. The band put on a simply incredible live

Coachella: Soundtrack of Lives, Easley, Ben Fold, White Stripes

Continued from Page 3, Column 4

with the occasional run of repetitive lyrics by female vocalists, Mira Aroyo and Helena Marnie. "They only want you when you're seventeen/When you're twenty-one/You're no fun" repeats Marnie in one of the more catchy songs. The group was described by a more clever writer as a "glimpse of how Britney Spears might have sounded, had she been born in East Germany and a heroin addict."

Easley

Three sisters in a band together, the oldest being twenty, the youngest only fourteen. At first one has to wonder if the group is just a female version of the Hanson freak show. Opening the outdoor stage on Sunday, however, Easley proved to be a promising young group, playing lush post-emo that featured beautiful crooning vocal harmonies, rich keyboards and driving guitar. Although lacking in stage presence, Easley was still well-received by the small crowd. Their *Laughing City* EP comes out May 20.

The Soundtrack of Our Lives

Swedish musicians, Soundtrack of Our Lives rocked the main stage Sunday afternoon. Featuring a heavysyet but energetic lead singer that looks like a hippie Jesus, Soundtrack pumped out catchy guitar riffs and infectious psychedelic rock to an audience that was all too happy to eat it up.

The hour long set contained music mostly from their 2001 release, *Behind the Music*, and was punctuated by high energy stage antics, the appearance of a double neck guitar and the lead singer climbing out into the crowd.

Ben Folds

"I wore a hat to separate myself from the other piano acts," quipped Folds as he started his one-man piano act. Ben Folds was able to carry a large crowd Sunday with his clever songs and smart ass humor. Folds also directed the audience several times, choir-teacher style, in assisting him with backup vocals with surprising success. The highlight of the set was a hilarious version of "Song for the Dumped"—of "Give me my money back, you bitch" fame—that was reworked into a minor key to make it sadder and included a verse done in Japanese. Roughly translated, the chorus became, "Please return my money, please."

The White Stripes

In front of a huge crowd Sunday night, The White Stripes demonstrated the awesome simplicity of a guitar, a drum set and the blues. Jack and Meg of the White Stripes came out onto the main stage initially with technical difficulties, complaining about being unable to hear their monitors. They quickly managed to pull together and present an impressive set of raw rock, however. Jack White's uniquely compelling voice and his unbelievable guitar skill was particularly evident in the Dolly Parton cover, Jolene, where White urgently and repeatedly pleaded, "Jolene, please don't take my man." Much of their latest album, *Elephant*, was played, including the fragile yet pretty "In the Cold Cold Night" which featured Meg singing lead vocals and the infuriatingly catchy, "Seven Nation Army."



Courtesy of A. Sowinski

Polyphonic Spree boasts engaging stage presence, inviting the crowd on stage to join their white-robed, joy filled musical cult.

show, playing extended versions of their songs while singer Ebbot Lundberg waded into the crowd or played Jesus with his back to the audience.

I skipped out on Mars Volta, who played after the Spree, but I came back afterwards for Sonic Youth. Sonic Youth is awesome, enough said. Also playing on the main stage that night were the White Stripes and the *Red Hot Chili Peppers*. I had never heard anything by the White Stripes and their country-rock was a pleasant surprise when I expected something like the Vines or the Strokes.

I left then to hear Underworld in one of the DJ tents, but I went back to the main stage for the Chili Peppers, who, like the Beastie Boys the night before, were really good, but at the same time they lacked any sort of energy. It was no different than listening to prerecorded music. Underworld, however, was damn good live. They had 5,000 to 10,000 people—it was a big tent—really into the music for the whole of their two-hour set.

The moral of the story is that Coachella is a beautiful thing. I hope I'm able to come back for it next year. Take your friends out to the warm sunny desert—damn rain; it's May, for God's sake!—and bask in two days of music and vacation.

Mutual Trust Crucial To Student Self-governance

Continued from Page 3, Column 4

ing your life yourself.

I've told this to some people and they've said that they just don't have time to get involved with student life issues. That's where the miracle of representative democracy comes into play. While you may not have time to deal with student issues, there are people in ASCIT and house governments that are ready and willing to work on your behalf. In fact, 215 different students held some student government office this past year.

Unfortunately, students don't always go to the student government when they have problems. Far too often, I've seen students try to circumvent their student leaders in an attempt to find "who's really in charge." It is the actions of these students that are really undermining student self-governance at Caltech.

Imagine how well the honor system would fare if professors consistently went straight to the dean instead of talking with the BoC. That's exactly what happens when

students go straight to the provost to talk about the library situation without informing the ASCIT BoD, when houses report inter-house conflicts to the CRC rather than trying to resolve things amongst themselves and when freshmen complain directly to Kim West about hazing without first telling the upperclassmen in their house.

Students have repeatedly shown that they don't trust the student government to solve their problems. Every time they do it, they take power away from students and give it to administrators. We love to tell administrators that they should just trust students, but that's not likely to happen when we don't even trust each other.

Self-governance doesn't simply mean that the administration is supposed to leave us alone. It means that each person has a responsibility to govern his own conduct and that when conflicts occur, we must trust our own system to resolve the issue.

AMCYTE

is focused on the transplantation of microencapsulated insulin-secreting cells (islet of Langerhans) with the objective of alleviating diabetics of their need for supplemental insulin. This proprietary technique of protecting the islets within a membrane or microcapsule has allowed the Company to develop a procedure whereby diabetics may be cured of their need of supplemental insulin by a simple injection of the encapsulated cells into the abdominal cavity without the need for lifelong immunosuppression. This product (BetaRx™) is expected to be the first widely available, effective, long-term therapy for diabetics. We are currently seeking the following candidates:

1. Senior Director / Director:

AmCyte, Inc., a leader in cell / tissue transplantation, is seeking a highly qualified individual to direct the Molecular Cell Biology Group. As a key member of leading scientists focused on proliferated islet cells, the candidate will be responsible for advancing our research in cell proliferation and differentiation.

Ph.D. in Molecular Cell Biology or a related field with a strong publication record and a proven ability to develop and implement robust research strategies.

2. Senior Scientist:

Conduct cell biology, molecular biology and biochemistry research related to the growth and differentiation of pancreatic β cells. Contribute to the development cell therapies for the control of diabetes and its complications.

Ph.D. in cell biology or related field with a strong publication record and a proven ability to develop and implement robust research strategies.

Biotechnology or biopharmaceutical company experience and/or tissue engineering experience highly desirable.

3. Research Associate:

Research Associate will be involved in cell and tissue culture, immunocytochemistry, DNA cloning and RTPCR.

BA/BS degree in Life Sciences. 2 years experience desirable.

AmCyte is privately held and well financed. The company operates in modern, spacious and well-equipped facility located in Santa Monica, California. We offer a competitive salary and benefit package. Interested candidates should contact us via email at hrcode123@AmCyte.com or by fax at (310) 453-6178.

Letters: Ricketts Thanks, Plagiarism

Thanks From Ricketts

Dear editors,

This past week Ricketts paid for the security that watched us over Presidents' Day weekend. The total came out to be \$4132.53—not as much as the original estimation of \$5000, but still a very large sum of money for any house to pay. This was paid for in part by donations by house members and alumni and remainder with our damage fund.

I would like to thank Rob Ferber, a former Scurve, who donated \$3000 to Ricketts to help us pay for the security. We are very grateful for his generosity. I would also like to thank all the individuals and Houses who either offered or considered giving us money. The support that Ricketts felt last term from fellow students was overwhelming and heartening.

I'd like to close with a plea to the administration. In the future, if the administration feels that there is a need to impose security on a house, I ask that student input be sought out and considered before the final decision is made.

To members of Ricketts House, it does not seem as though our house culture was taken into account when making the decision to post security over Presidents' Day weekend. This is the weekend of Apache; anyone who is familiar with Ricketts can testify that Friday night everyone is busy building Apache, Sunday is spent recovering from and cleaning up Apache and Monday everyone is in their rooms doing the work they should have done over the course of the weekend.

It would have been reasonable to have security posted on Saturday as this is the day when alumni come back and Apache takes place; however, the rest of the weekend Ricketts is too busy building, recovering, cleaning up and studying to be distracted enough to cause trouble. The security posted spent

the majority of their time watching an empty courtyard; was their time truly best spent or necessary?

Natalia Deligne '04
Ricketts House President

Plagiarism in the Tech

Dear editors,

Upon reading Terry Yen's review of the film *Better Luck Tomorrow* in this week's issue of the *Tech*, something leaped right out of the page. In the first paragraph she writes that the film "is superficially entertaining with an attractive, capable, talented cast, but lacking, unfortunately, a single authentic emotional moment." I do not have a problem with Ms. Yen's opinions; my problem is that this is almost exactly the same phrase used by the film critic Patrick McGavin from the *Chicago Tribune*.

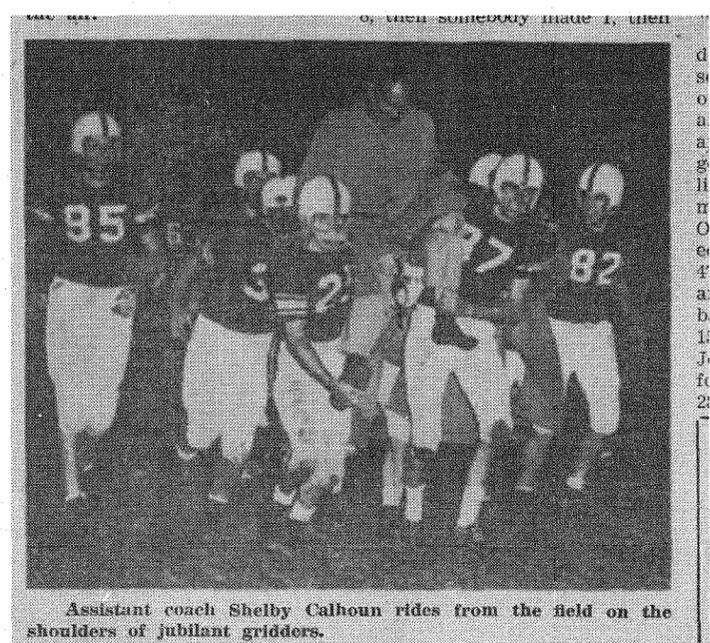
In his review of the film from awhile back, McGavin writes "Justin Lin's *Better Luck Tomorrow* is a visually assured first feature populated by an attractive, capable cast. Unfortunately, the film lacks a single emotionally authentic moment."

There is more. McGavin writes in his article:

"The movie's focus, Ben (Parry Shen) and his friends Virgil (Jason Tobin), Han (Sung Kang) and Daric (Roger Fan) are bright, alert, ambitious high school seniors who carry out an elaborate secret existence. Their inveterate thrill-seeking and criminal activity involves academic fraud, theft and drug dealing. The only female character of note, Stephanie (Karin Anna Cheung), the object of Ben's unrequited crush, is romantically attached to the self-involved Steve (John Cho)."

Continued on Page 7, Column 1

FROM THE ARCHIVES



Assistant coach Shelby Calhoun rides from the field on the shoulders of jubilant gridgers.

The California Tech Archives 1957

Football players celebrate after a victory at Occidental in this 1957 file photo.

Memories: Football Wins, Crippling Retrospective

By JEAN-PAUL REVEL

It has always been a source of pride, if not really pride at least wry amusement, that Caltech's football team... of course we have a football team... or have we, now?

I just looked at the course catalog and in fact there is no football listed among the PE offerings, but then not all sports played at Caltech are listed as courses. So maybe I should say, we have had football teams which even in their nonexistence have been a source of enjoyment. Who can avoid smiling at the thought of football teams which, over the years, have had far weightier SAT scores than poundage? Brains over brawn.

I believe in the old days, before the NFL had any thoughts of coming to the Rose Bowl or maybe before Pasadena had a yen to attract the NFL to the Rose Bowl, Caltech did play there. And it was a source of merriment that the Caltech football team's 1979 season ended on a high note when they won the last game... by default as the Tijuana Tech team they were supposed to meet never made it to the Rose Bowl... see at least we were supposed to play in the Rose Bowl, it does say so even in the November 4, 1979 issue of the *L.A. Times*.

Actually I do remember the glee which spread with the news of this "achievement." But it turns out that Caltech's football prowess went much further than beating ghostly adversaries or subverting, first the card section and then, in the early digital days, the scoreboard. As noted in this week's *Caltech* 336, the 1944 Caltech football team has just been named to the Scholar-Athlete Hall of Fame, for embodying "the excellence and integrity we seek in inductees." Better late than never... come to think of it these guys must be hovering around their '80s... way to go!

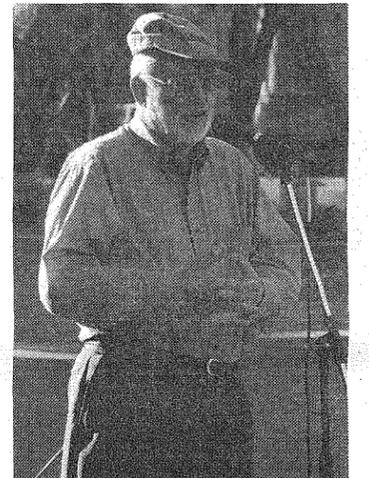
And speaking of going there is sadder news of other goings. Or so

it seems if one reads between the lines. Can it be that the full-page cartoon of Crippling Depression... Crippling Reflections as it is entitled, really represents the end as alluded to at the bottom of the page?

Tell me it is not so. Please. It has been wonderful to follow the peregrinations of those wonderful Charlie Brown-like Techers. It has been touching to see them struggle. It has brought many a warm feeling of recognition, brought many smiles to our faces even when we saw them struggling with Caltechian adversity. You know, the ratio, the insane load, the food, in short, the life here. So say it is not so, that you'll be back next week or I'll feel like the poor fellow being whapped at the the end of the second panel. Say it is not so; I am afraid I'll come down into a crippling depression, even though—eat your heart out, Fletcher—there is the dean arm in arm—well, arm to arm—with our ship's Leader himself.

It is midterm time and less than 40 days to commencement, less than that to Ditch Day and Cinco de Mayo, too!

A bientot



Certified mover

Certified shaker

Certified no more mac & cheese

Certified acceleration

Certified rush

Certified freedom

Certified bring it on

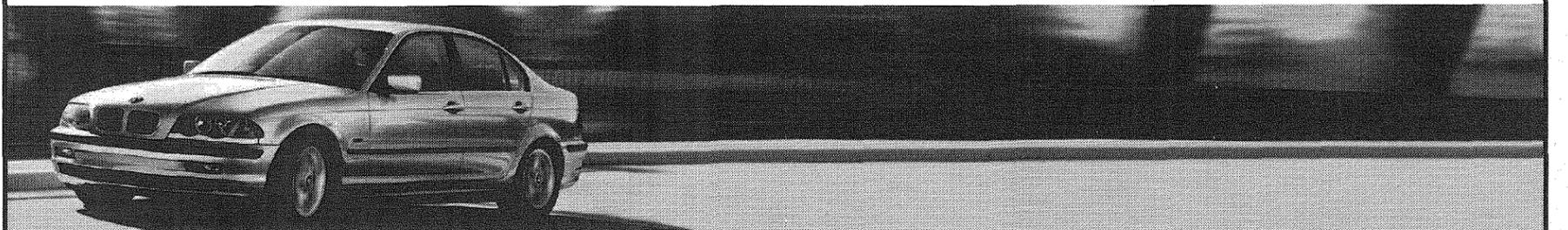
Certified Pre-Owned BMW

MW
ertified
re-Owned

bmwusa.com
800-334-4BMW



The Ultimate
Driving Machine



Certified only at an authorized BMW center.

Get warranty protection* up to 6 years or 100,000 miles. Get flexible leasing and financing options. Get pure BMW.



search up-to-date, extensive inventory at bmwusa.com

*Protection Plan provides coverage for up to 2 years or 50,000 miles (whichever comes first) from the date of the expiration of the 4 year/50,000 mile BMW New Vehicle Limited Warranty. See participating BMW passenger car center for details. For more information, call 1-800-334-4BMW, or visit bmwusa.com ©2003 BMW of North America, LLC. The BMW name and logo are registered trademarks.

**TRIBUNE REVIEW
EERILY SIMILAR;
REPLY: APOLOGY**

YEN'S WORK INSPIRED BY CRITIC

Continued from Page 6, Column 3

Yen's corresponding paraphrase, complete with some of the exact phrasings used by McGavin:

"The main posse, made up of high school seniors Ben and his friends Virgil, Han (Sung Kang) and Daric (Roger Fan), carry out an elaborate secret thrill-seeking existence through academic fraud, selling classroom cheat sheets, theft, handling stolen goods and drug dealing... Yet even as Ben feels empowered by his new street modes, he suffers from an unrequited crush on the only female character of note, Stephanie (Karin Anna Cheung), who is romantically attached to the jaded, self-involved prep school rebel-without-a-cause Steve (John Cho)..."

Yen's strategy for writing this review seems to have been to take McGavin's column and pepper it with redundant details. "Selling classroom cheat sheets" is academic fraud; "theft" is handling stolen goods.

Yet another example. From McGavin's original article:

"The narrative trajectory dovetails with the characters' own emotional ecstasy as their increasingly desperate actions remain free of any social or moral concern. It's a movie about actions rather than ideas—and as such, the movie feels increasingly redundant and monotonous."

Yen's paraphrase:
"The storyline stresses actions rather than ideas, hence giving the feeling of redundancy and monotony. We see scenes of the characters pulling desperate, bold feats of delinquency off with no consequent social concern and as a result, plunging deeper and deeper into their own emotional ecstasy."

There is plenty to be said for the general quality of writing in *Tech* or lack thereof. But this is not solely an issue of quality, but of ethics as well. Why not just reprint the original article from the *Chicago Tribune*? Aside from the ethical considerations, I would consider this kind of plagiarism to be a waste of time and resources for everyone involved in the *Tech*. I have not bothered to check if this is a widespread practice among other *Tech* writers, but I'll be sure to keep a close eye on future issues.

Please print original work or reprint from outside sources and attribute original authors.

Sincerely,

Ki Won Yoon
Graduate student

Reviewer's Remorse

Dear Ki Won Yoon,

Yes, I admit to being quite influenced by the *Chicago Tribune* and hereby accept all your allegations. I tend to have a clear idea of how I feel about a particular movie or music album, but on *Better Luck Tomorrow*, I experienced quite some turmoil: I knew I disliked it, but I couldn't pinpoint it exactly and that night, when sitting in front of my computer trying to put together thoughts, I just couldn't articulate any of my emotions. People have always told me to never ever do research on movies by reading reviews since you will become easily swayed to use their words—after all, they're professional writers and hence, write much better than you—or think their thoughts, but in a moment of utter weakness, I broke

Curriculum Needs Dose of Creationism

Ungodly Ge 190: Too Much Emphasis on So-called 'Scientific Facts'

By LIBIN ZHANG

There is this class at Caltech called Ge 190, which purports to teach about paleontology. Between the lectures about taxonomy and the fossil record, it insidiously introduces the idea called "evolution" into the classroom. "Evolution" is taught as if it is a scientific fact supported by most of the academic community. Naive children are indoctrinated with Darwin's "natural selection" and Gould's "punctuated equilibria," while not being presented with alternative theories about the world's Creation.

It is imperative that Biblical Creationism be taught in Ge 190 and all other Caltech "evolution" classes for a balanced education. Other religions' superstitious nonsense "creation" mythologies do not have to be taught due to time constraints and since all relevant opinions in the world are held by Judeo-Christians.

What evidence do I have to make Creationism as a theory as equally valid as "evolution"? The Book of Genesis is filled with proof—I use the King James Version; your ex-

act text may vary depending on the translation. God first makes sea life, then the birds, then land animals and lastly, mankind, man and woman simultaneously (Genesis 1:20). Furthermore, Genesis 2:4 states that God created man on the same day He made the earth and heavens, before the first "beast of the field" or "fowl of the air" had been created from "out of the ground." There. End of discussion.

The scientific evidence against "evolution" is endless. "Evolution" assumes that the world is billions of years old, not the 6000 years clearly stated in the Bible. Based on the current levels of moon dust accumulation, Earth magnetic field decay, shrinking of the sun's diameter, flow of the Nile and slowdown of the Earth's rotation, the Earth could not have been over 6000 years old.

Creationism does not have any of these flaws. Fossils may appear contradictory to Genesis, but that can be easily explained. Radioactive dating is flawed and the discovered fossils of dinosaurs were buried during Noah's flood, since Noah could only take two of each dinosaur on the Ark.

Seeing as how "evolution" theory has such weak foundations, perhaps it would be better to replace it completely with Creationism. Why bother teaching useless theories like "evolution" and the Biblically unsupported "quantum mechanics" that may become completely discredited in a few years, when we can teach children ideas that have remained unchallenged after many millennia?

Besides, as our students graduate to become pedagogues, workers and housewives, they have no need for "science." Manners, subservience, obedience are what they need, not critical thinking, creativity and the ability to question their betters. Great heroes were not men who cared about facts or the truth; they stood up for what they believed in and would stubbornly fight to the death for noble causes like bread with butter side down, not interested in the least bit whether they were right or wrong.

My illustrious comrade Edward Tillich, *The Onion's* Crime and Sci-

ence Editor, once said, "Should we allow our citizens to become aware of facts which go against their beliefs, it would cause untold turmoil and strife among our people! The people's reaction would cause division and conflict in our nation that would doubtlessly outweigh any benefits of the actual Scientific discovery" (1925). Never have such words rang truer than now. "Science" was used to create anthrax and mustard gas. It has even been linked to al-Qaida and September 11. Has religion ever been used in an evil fashion? I think not.

I am not alone in my crusade for a fair and balanced education for our children. CNN-USA Today-Gallup polls report that two thirds of Americans think Creationism should be taught alongside "evolution" as equal but separate theories and forty percent of Americans believe "evolution" theory should be entirely replaced by Creationism.

Hearing this call, our public schools have courageously challenged the separation of Church and State. In August 1999, the Kansas state board of education removed Darwin's theory of evolution from the statewide educational curriculum, despite worldwide derision. Since 2000, all Alabama science textbooks must carry a disclaimer stating that evolution is a "contro-

versial theory" supported by only "some scientists." School boards in Washington State and Ohio are bravely considering the adoption of a textbook called "Of Pandas and People: The Central Question of Biological Origins" that advocates "intelligent design" through God for the development of life.

Unfortunately, Creationism has suffered some setbacks against the proponents of "science." A Louisiana law requiring that Creationism be taught alongside "evolution" theory was struck down in 1987. It's sad to see that some of our politicians are diverging from their religious and popular roots and have begun to embrace "science" and "facts."

Being patriotic, upstanding citizens, we must not tolerate any dissent and inconformity in our society, especially in the current life-and-death struggle against Iraq. Once something is accepted as true, it is true forever; it's too bad that our religion preceded "science" by centuries. Report any neighbors who are reading heretical texts by "scientists."

When deciding between mistranslated scrolls of some ancient desert nomadic tribe or "scientific research" that blatantly contradict the Scripture, the choice is obvious. Giving up the teaching of "evolution" and other controversial ideas is a small price to pay for national security and freedom from terrorism.

Question of the Week

How should the *Tech* respond to Plagiarism?

Terry Yen '05

Navarro's Creations
Fine Hand Woven Jewelry
Jewelry Repairs and Special Orders
Yamilly (Emilly) Bautista-Navarro
Designer
18 North Mentor Avenue
Pasadena, California 91106
(626) 577-2077

Does your old health plan fit the new you?

If you are in-between jobs, have just gotten married, had a child, or experienced another significant life change, make sure you have the health coverage that fits the new you. With Blue Shield of California's Deductible PPO Plans you can choose from among four annual deductible levels, so you're certain to find a plan that meets your needs and budget. **Call today to compare coverage and see how affordable a Blue Shield Deductible PPO Plan can be: (626) 792-4219**

Authorized Agent
Polenzani Benefits
3452 E. Foothill Bl., #514
Pasadena, CA 91107
626/792-4219
e-mail: tom@polenzanibenefits.com
CA License # 0D15121

Blue Shield of California
Your Life. Your Shield.™

Registered mark of the Blue Shield Association, an association of independent Blue Shield plans. Deductible PPO Plans are not available to individuals 65 or older.
An Independent Member of the Blue Shield Assoc. since 1995. A12047-SMPA

act text may vary depending on the translation. God first makes sea life, then the birds, then land animals and lastly, mankind, man and woman simultaneously (Genesis 1:20). Furthermore, Genesis 2:4 states that God created man on the same day He made the earth and heavens, before the first "beast of the field" or "fowl of the air" had been created from "out of the ground." There. End of discussion.

The scientific evidence against "evolution" is endless. "Evolution" assumes that the world is billions of years old, not the 6000 years clearly stated in the Bible. Based on the current levels of moon dust accumulation, Earth magnetic field decay, shrinking of the sun's diameter, flow of the Nile and slowdown of the Earth's rotation, the Earth could not have been over 6000 years old.

Creationism does not have any of these flaws. Fossils may appear contradictory to Genesis, but that can be easily explained. Radioactive dating is flawed and the discovered fossils of dinosaurs were buried during Noah's flood, since Noah could only take two of each dinosaur on the Ark.

Seeing as how "evolution" theory has such weak foundations, perhaps it would be better to replace it completely with Creationism. Why bother teaching useless theories like "evolution" and the Biblically unsupported "quantum mechanics" that may become completely discredited in a few years, when we can teach children ideas that have remained unchallenged after many millennia?

Besides, as our students graduate to become pedagogues, workers and housewives, they have no need for "science." Manners, subservience, obedience are what they need, not critical thinking, creativity and the ability to question their betters. Great heroes were not men who cared about facts or the truth; they stood up for what they believed in and would stubbornly fight to the death for noble causes like bread with butter side down, not interested in the least bit whether they were right or wrong.

My illustrious comrade Edward Tillich, *The Onion's* Crime and Sci-

BAMBOO TEA HOUSE
Tea as a way of life
700 E. Colorado
Pasadena
Across from Vroman's Bookstore
(626) 577-0707

STUDENT TRAVEL

change your world

London.....\$403
Paris.....\$437
Amsterdam.....\$520
Sydney.....\$921
Eurail Passes from...\$249
Budget Hotels from..\$18

Fare is round trip from LAX. Subject to change and availability. Tax not included. Restrictions and blackouts apply.

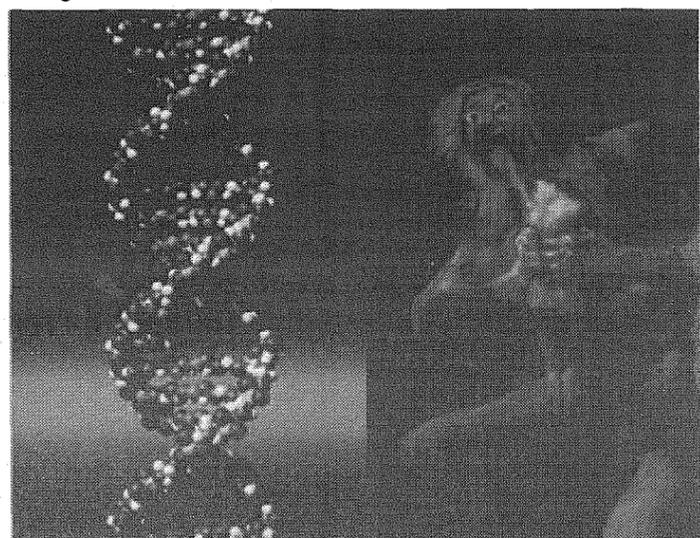
54 South Raymond Ave. (626) 793.5595

pick up your complimentary, premiere issue of **BREAK** magazine at your local STA Travel branch.

www.statravel.com
cst# 1017560-40

STA TRAVEL

ONLINE >> ON THE PHONE >> ON CAMPUS >> ON THE STREET



Courtesy of L. Zhang
What created Man, highly-improbable random changes in invisible "chemicals" or a supreme deity? Is Man a product of the insidious "evolutionary" process or of intelligent design?

Baseball, Golf Post Losses; Track, Individual Successes

By BRENTON REGER

Men's Baseball

Caltech	1
CMS	8
Caltech	0
CMS	17
Caltech	2
CMS	12

After three losses, the men's baseball team will travel to La Verne on Friday and head back home for their SCIAC doubleheader on Saturday.

Track & Field

There were many strong performances this weekend at the Men's and Women's Track and Field SCIAC Championships hosted by La Verne. Some highlights include a great performance by Jeremy Leibs '06 in the 110 Hurdles who finished in third. Followed by Leibs was Chad Kessens '03 whose time was good enough for fourth. Distance runner Tamara Becher '04 finished in sixth in finals, earning a spot on the all-conference team.

Men's Golf

In the SCIAC tournament the

Monday before last, Caltech came in eighth in the first 18 and last 18. In the first, Redlands was first with 312; La Verne came in second with 318; third was Occidental with 322; CMS took fourth with 330; Cal Lutheran placed fifth with 341; Pomona-Pitzer was sixth with 344; seventh was Whittier with 350; and Caltech placed eighth with 394.

In the second set, La Verne was first with 304; Cal Lutheran came in second with 308; third was Redlands with 311; CMS took fourth with 316; Occidental placed fifth with 330; Pomona-Pitzer was sixth with 333; seventh was Whittier with 354; and Caltech placed eighth with 365.

Athletes of the Week

This week's athletes of the week are the members of the women's four-by-400 relay team in track and field. This weekend at the SCIAC Track and Field Championships the women's four-by-400 team ran a fast race, setting the new school record in the event. Their time of 4:14.70 was good enough to beat the previous record by over 3 seconds, besting last years record setting run. The team consisted of Sarah Horst '03, Becher, Alice Lin '05 and Helen Tai '03.

Food Safety, House Hygiene Crucial In Center's Battle With Stomach Flu

Continued from Page 1, Column 2
experienced vomiting or diarrhea for more than 2 days. Fortunately, only one student requested to go to the emergency room.

When people began to recover and needed to regain fluids, Tom Mannion, director of Caltech Auxiliary and Business Services, distributed flats of Gatorade and saline crackers with the help of health advocates. Additionally, Caltech dining services (CDS) prepared "get-well meals" with chicken soup and other recovery necessities. According to Mannion, these specialty meals are available at any time; students can get them by contacting CDS in advance.

Because of the sudden and simultaneous onset of numerous cases, many people suspected food poisoning.

But Stuart Miller, director of the Health Center, cast doubt on this theory when he said his team couldn't trace the bug to a particular food. "From an epidemiological point of view, the Health Center staff could find no common source," he explained, "no common restaurant, no common foods, no common denominator. It is felt that given the characteristics of this situation, a virus was the likely cause."

According to Andre Mallie, director of Dining Services, when he was notified about a potential food poi-

soning incident, he immediately met with representatives from the safety office and health center to investigate the issue. Among other things, they double checked the machine servicing and food serving practices.

Health advocate Alice Lin '05 expressed concern about hygiene habits. "I think we all initially just wanted to blame it on the food," she said, "but then people off campus started getting it, forcing us to have to look to other causes; I also think because people attributed it to food poisoning they weren't as careful."

To many, the real concern is "house hygiene"; family-style dinners provide a rich environment for the spread of disease. All dining service employees are educated in safe food handling and serving practices; in fact, the campus requires them to be certified in "Servsafe" methods.

For his part, Mallie is more concerned about the student part of serving. For example, food poisoning could occur from food sitting out and getting cold before it gets to the student tables. According to him, the food temperature should not change for any substantial amount of time between being served and consumed since bacteria often grow during that time.

Additionally, Mallie works with the head waiters, educating them on

safe food serving practices. Waiters should be advised to wash their hands, use appropriate serving utensils and wear gloves provided by the dining service.

Mallie noted, "Food safety is a matter of good practices across the board." To this end, one of Mannion's goals is to establish steam tables in every dining hall to reduce the cooling between the food being served and consumed. He also hopes to get students to use serving utensils.

He added that serving utensils were introduced into the house kitchens several years ago, but students did not utilize them. Luckily, this disease was relatively well-contained. In the event of a widespread dangerous illness, representatives from the safety office, security, residence life and the health center meet with Mannion to make the quick decisions necessary to deal with various campus needs.

For example, years ago in response to an outbreak of Muirine Typhus, passed from campus feral cats to fleas to humans, the committee decided to fumigate every student room, as well as vacuuming the bedding and carpets. This decision process took place in only a few hours.

Overall, disease is easily spread through the student houses. What's the best prevention? Good old-fashioned hygiene: washing hands, cleaning areas where bacteria could grow, eating a balanced diet and getting enough rest is the most effective way to stay healthy.

Astro. Prof. Kulkarni Elected to NAS

By ROBERT TINDOL

MacArthur Professor of Astronomy and Planetary Science Shrinivas Kulkarni has been elected to the National Academy of Sciences.

Kulkarni is a leading authority on exotic astrophysical phenomena such as gamma-ray bursts, brown dwarfs and millisecond pulsars and has been associated with many of the major advances in understanding the universe that have been made over the last decade.

In 1982, along with Don Backer of UC Berkeley, Kulkarni discovered the first millisecond pulsar. These pulsars have turned out to be very precise natural clocks with many applications. In 1995, Kulkarni led a group that discovered the first "brown dwarf." Hypothesized since the sixties, a brown dwarf is a "failed star," with a mass too low to shine brightly like our own sun but too high for it to be classified as a planet. Brown dwarfs are now considered to be quite abundant. In 1997, he and his colleagues demonstrated that gamma-ray bursts were extragalactic in origin and Kulkarni has led many investigations since then that have further uncovered the nature of the phenomenon.

Kulkarni has been a prime mover in the quest to improve the resolution of optical instruments with a

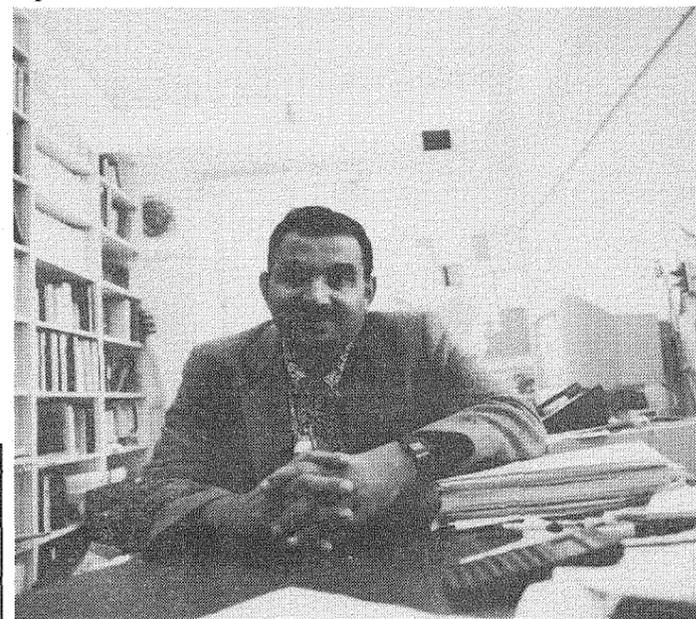
technique known as "interferometry," which exploits the wave nature of light in such a way that light from two or more mirrors can be combined for a superior image. Working in collaboration with Jet Propulsion Laboratory engineers, his research team used the testbed interferometer at Caltech's Palomar Observatory in 2000 to obtain the most precise distance to date for a Cepheid variable, a type of regularly pulsating star that has long been a standard of reference in the "cosmic yardstick" used to gauge astronomical distances.

Kulkarni is heavily involved in the Keck Interferometer and is the interdisciplinary scientist for NASA's ambitious Space Interferometry Mission (SIM), which is expected to be launched in 2009.

With SIM, astronomers hope to measure and catalog planets around nearby stars.

A Pasadena resident, Kulkarni earned his master's degree in 1978 from the Indian Institute of Technology and his doctorate from UC Berkeley in 1983. He came to Caltech in 1985 as a research fellow and received a faculty appointment in 1987. He is also a former Presidential Young Investigator and Sloan Research Fellow and winner of the Waterman Prize.

Kulkarni joins 71 other prominent scientists this year as new members, bringing the total active membership to 1,922. Caltech currently has 67 other faculty members and three trustees who are members of the academy.



Courtesy of caltech.edu

Just elected to the National Academy of Sciences, Planetary Science Professor Shrinivas Kulkarni has his work cut out for him.

Koonin, Faculty Board Plot Plugs to 'Leaking Pipeline'

Continued from Page 1, Column 3

division, for instance, is focusing on how to increase the minority applicants to its faculty searches, according to division Chair Professor Richard Murray. The E&AS division is also "being proactive about identifying potential faculty candidates in areas that we are not currently searching."

Another strategy used by the Institute is to support promising minority graduate students and postdoctoral scholars and to entice them to join the faculty if they display their ability to be a contributing member. Last year, 30% of all job offers were to women and 80% of those women were hired.

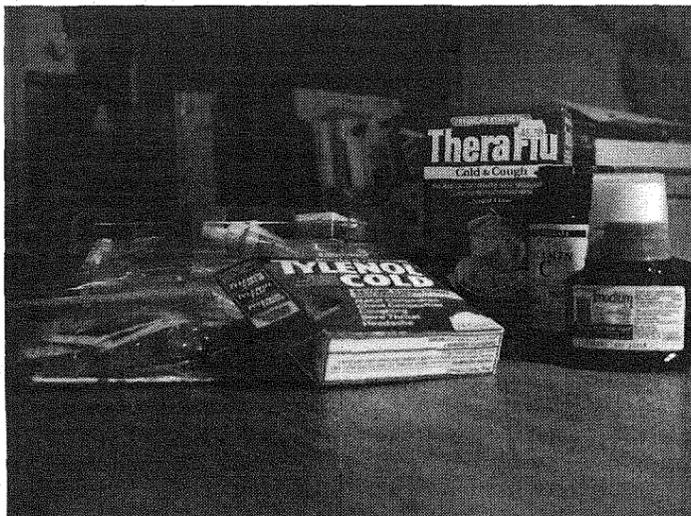
The President's office is facilitating the diversification effort in part by sponsoring the Presidential Lecture Series on Achieving Diversity in Science, Math and Engineering. Earlier this year, Sally Ride gave a lecture titled "Reaching for the Stars: Encouraging Girls and Women to Pursue Technical Fields." The aim was mainly to help reduce the "pipeline" problem—that is, keeping females interested in science.

This week, Richard Tapia, professor of computational and applied

mathematics at Rice University, will be giving another Presidential Lecture. Dr. Tapia is known across the country for his efforts in increasing minority participation in science. He will give his lecture on May 8 and he will also be here the day before to meet with faculty, students and administrators about how to recruit minority faculty and how to create a welcoming environment, according to Special Assistant to the President Miriam Feldblum.

Though there is some controversy about the extent to which Caltech should be actively diversifying, there are some "concrete objectives, not just moral obligation" for increasing diversity, said Dr. Feldblum. Women faculty provide role models for female students, so having comparable numbers of women in faculty as in the student body is desirable.

Faculty from diverse backgrounds provide a more enriching environment for students to learn. Largely, however, the faculty have embraced the initiative to increase diversity. According to Provost Koonin, the faculty "wish we had more women." He added that "we're making progress."



D. Kortz/The California Tech

In this pharmaceutical age, students need fleets of over-the-counter drugs to combat ailments like the quickly spreading gastroenteritis.

The California Tech

Caltech 40-58
Pasadena, CA 91126