

NATHAN COLLINS—THE TECH

Chali 2na (left) and Zaakir of Jurassic 5 rap in Johnson Athletic Center during the Spring Week-end concert last Saturday. See photos and a review, page 9, and interviews, page 12.

Area Sees Break-in, Additional Robbery

By Lauren E. LeBon
ASSOCIATE NEWS EDITOR

After three serious crimes last week, two more incidents occurred on or near the MIT campus over the weekend.

Just a day after two attackers held two MIT students at gunpoint, another armed robbery occurred on Friday, this time near Memorial Drive and De Wolfe Streets, near the west end of campus. On Saturday afternoon, MIT police apprehended an intruder who broke into Tang Hall.

Though local criminal activity is above average, the trend did not alarm MIT Police officials.

Third armed robbery in a week

On Friday afternoon at 2:39 p.m., a man was held at gunpoint by an unknown man at the area near Memorial Drive and De Wolfe Street, according to an MIT Police crime bulletin.

No one has been arrested yet, said Officer Frank Pasquarello of the Cambridge Police Department. Because the investigation is ongoing, few details about the incident are available to the public.

Detective Sergeant Mary Beth Riley of the MIT Police said that the armed robberies appear to be unrelated.

"Some look like copycats. There's no definitive pattern," Riley said.

In 2001, there were no robberies on or around the MIT campus. In 2000, one robbery occurred on campus, and four occurred on public property, according to the MIT Police annual crime reports.

Riley said that the police, though on alert, do not find the increase in incidents in the area unusual. Since

MIT is situated between the large cities of Boston and Cambridge, an amount of criminal activity is to be expected, Riley said. She added that the nicer weather may be a factor in the increase in criminal incidents.

"It's nicer and more people are out at various times," Riley said.

This latest armed robbery is the third in the past week. The first happened in the alley behind Bexley Hall on April 19 in broad daylight. A man approached a truck driver and held him at knifepoint, demanding money. The second occurred early Thursday morning, when two young men held two MIT students at gunpoint and made off with their credit cards, \$40 in cash, and a laptop.

Intruder at Tang arrested

On Saturday afternoon at 4:22 p.m., the MIT Police received a call from a Tang Hall resident reporting a "suspicious person" on the 20th floor. The resident described the intruder as a short black male wearing a black leather jacket and jeans, according to an MIT Police crime bulletin.

The intruder fled Tang on foot after stealing some student property. MIT police caught up with him and arrested him on a larceny charge.

Riley said that there was no connection between this incident and the armed robberies.

No major security changes made

Despite the crimes, no major changes have been made in campus security. Riley said that the police will continue to issue bulletins and to make the campus community aware of concerns in their neighborhood.

"Officers are always aware of what's going on at MIT and in the surrounding areas," Riley said.

Talks on Studio Access Get Tense

By Keith J. Winstein
NEWS AND FEATURES DIRECTOR

Negotiations among a capella groups about access to a new recording studio built by the Logarithms have grown tense, with some groups reporting disappointment that their initial expectations of equal partnership in running the studio have not been met with acceptance by the Logs.

In a four-hour meeting Sunday night, executive officers of MIT's

seven a capella groups — the Chorallaries, the Toons, the Cross Products, the Muses, Techiya, Resonance, and the Logarithms — met to discuss access to the on-campus studio, including a 10-page proposed contract that the Logs have offered as "terms of access" to the six other groups.

Executive officers of all of the MIT a capella groups generally declined or did not return requests to comment for this article. But sev-

eral officers cautioned that the negotiations are ongoing, and that the Logs' proposal for terms of access is evolving quickly.

Proposal would give Logs control

Several groups have balked at the proposed terms, which would grant the Logarithms "the right to remove their recording studio equipment at any time for any reason"

Studio, Page 19

MIT, City to Sign Payment Agreement

By Frank Dabek
STAFF REPORTER

MIT and the City of Cambridge expect to reach agreement soon on the first-ever formal agreement binding the Institute to make payments in lieu of taxes to the city.

Cambridge City Manager Robert W. Healy said that the "ground-breaking" agreement will likely be signed in the next month and will likely include a requirement that the Institute make a "payment of what

taxes would have been" if a commercial property is converted to tax-exempt status.

The immediate impetus for the formal agreement was MIT's purchase of Technology Square. Healy said the possible loss of revenue that would result if MIT removed the buildings from the tax rolls made the city "a little nervous."

MIT purchased the complex of research buildings for \$278 million in 2001. The agreement will provide

the city with "fiscal predictability," Healy said.

Sarah Gallop, co-director of the

Payments, Page 15

Cecil H. Green '23

Cecil H. Green '23, namesake of the Green Building and one of MIT's most prominent donors, died of complications due to pneumonia on April 11. He was 102.

"Cecil Green and his wife Ida were arguably the greatest philanthropists ever with interests in promoting science," said President Charles M. Vest.

The *New York Times* reported that the couple's philanthropy totalled \$200 million. The Greens donated over \$31.7 million to MIT alone, the equivalent of "more than \$91 million in today's dollars," according to the MIT News Office.

"MIT always had a special place in Cecil's heart," Vest said. His gifts funded the Green Building, home of the the Department of Earth, Atmospheric, and Planetary Sciences, and Green Hall, a dormitory for female graduate students.

Green also endowed "professorships and graduate fellowships for women students," Vest said, and "he visited MIT frequently and always met with the students who held his fellowships."

"He was interesting and intellectually lively at least into his 99th

Green, Page 16



DANIEL BERSAK—THE TECH

East Campus GRTs, including Erik Blankinship G (left) and Christopher J. Roberts G, race against Third East on Walker dining trays in a Ben Hur Chariot Race to maintain their third place ranking in the 2003 Annual Oddball Olympics.



John Malkovich talks about *The Dancer Upstairs*.

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Andrew C. Thomas decries the WHO's warning that travel to Toronto is unsafe.

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WORLD & NATION

Bush Pushes for Largest Possible Tax Package

THE WASHINGTON POST

WASHINGTON

With Congress about to decide the shape of his tax cut, President Bush has found a new line of argument in his effort to persuade lawmakers to approve the largest possible tax package: bigger is better.

But the president's simple math has raised eyebrows among some Republican economists, who have long questioned the traditionally Democratic notion of economic "stimulus," especially at a time when previously passed tax cuts, rising government spending and a war have pumped more money into the economy than the current downturn has taken out.

Lawmakers on the House Ways and Means Committee and Senate Finance Committee will begin drafting competing tax legislation this week, with the House bill to total \$550 billion in tax cuts through 2013 and the Senate aiming at a net cost of \$350 billion over the same period. Bush continues to push for a tax cut of "at least" \$550 billion, arguing that a larger number will create more jobs.

The president hopes to virtually eliminate taxes on corporate dividends while accelerating already-approved tax cuts, including reduction of every income tax rate, an expansion of the child credit, and elimination of the "marriage penalty."

Judge to Rule On Sniper Suspect's Confession

LOS ANGELES TIMES

FAIRFAX, VA.

During a controversial confession to Virginia police last fall, Washington, D.C.-area sniper suspect Lee Boyd Malvo waived his right to talk to a lawyer and then laughed as he recounted several of the shootings, a police detective testified Monday.

On the first day of a pretrial hearing, Fairfax County Detective June Boyle said she repeatedly asked Malvo if he wanted to consult with a lawyer. She said he declined, launching into six hours of statements about the murders.

Malvo told Boyle that he fired a rifle shot at FBI analyst Linda Franklin, one of 13 people killed in Maryland, Washington and Virginia during October's three-week murder spree. Boyle said that when she asked where Franklin had been struck, Malvo "laughed and pointed to his head."

The detective was the first of 12 witnesses called Monday at a hearing to consider a defense motion to throw out Malvo's confession. His lawyers said the admissions were illegally obtained; but Fairfax prosecutors and police insist that Malvo, now 18, was treated properly.

During previous defense challenges, Fairfax Circuit Judge Jane Marum Roush has sided mostly with prosecutors. And on Monday, she did not appear overly skeptical of the state's case. She is expected to rule Tuesday on whether the confession can be used in Malvo's trial.

Team Arrives At Space Station

THE WASHINGTON POST

MOSCOW

An American and a Russian climbed through a cable-lined hatch into the International Space Station Monday after a closely watched flight on a Russian Soyuz spacecraft that has become the sole lifeline of the \$100 billion orbiting laboratory.

Edward Lu, a research physicist and flight engineer, and Yuri Malenchenko, the Russian commander, will replace a three-man crew whose stay was prolonged after the U.S. space shuttle Columbia disintegrated on a return journey from the station on Feb. 1.

With the remaining three shuttles grounded, Russia's Soyuz spacecraft and Progress freighters are shouldering the entire burden of ferrying crews back and forth to the station and keeping them supplied with water, fuel and other necessities.

N. Korea Offers to Eliminate Nuke Program, Raises Hopes

By James Gerstenzang

LOS ANGELES TIMES

WASHINGTON

North Korea offered in diplomatic talks last week to get rid of its nuclear weapons and even to dismantle its broader nuclear program, senior U.S. officials said Monday, but only if the United States offers "something considerable in return."

The officials' accounts were the first public confirmation that at the talks in Beijing, North Korea directly addressed the Bush administration's concerns about its efforts to build nuclear weapons and talked about what it would demand to change its policies.

Although the officials suggested that the talks offered hope of some progress, the North Korean government has a long history of making proposals to ease rising tensions, then attaching unrealistic demands.

The officials said that they thought North Korea was making an opening demand and that there is a realistic prospect of further negotiations.

tions.

Reports from Seoul said the North was seeking a nonaggression treaty and normalized political and economic relations with the United States in exchange for abandoning its nuclear program and missile exports. The exports are an important source of hard currency for the impoverished Communist country.

In the past, according to Senate testimony by Deputy Secretary of State Richard L. Armitage, North Korea has insisted not only on a written guarantee of peaceful relations with the United States but on a formal treaty confirmed by the Senate — an idea the administration has rejected.

The North Koreans are widely thought to fear a military threat from the United States, given the U.S. war against Iraq and their membership, with prewar Iraq and Iran, in what President Bush has called an "axis of evil."

In his disclosure of the apparent progress Monday, Secretary of State

Colin L. Powell also offered a strong defense of the State Department's role in the Bush administration's campaign to rein in North Korea's nuclear program.

The department has clashed with hard-liners in the Pentagon who are deeply skeptical that anything can be accomplished in negotiations with the government in Pyongyang. Some at the State Department believe a series of anonymous leaks by Pentagon officials has been aimed at torpedoing any progress with North Korea.

Powell dismissed any suggestion that the State Department has withheld information from the Pentagon. This was a response to complaints from senior Defense Department officials that members of Powell's team did not inform them that North Korea had told the State Department in March that it had begun reprocessing plutonium, a crucial step in creating a nuclear weapon.

"That's nonsense," Powell said of the complaints.

Outbreak of SARS Has Peaked, World Health Organization Says

By Ellen Nakashima

THE WASHINGTON POST

BANGKOK, THAILAND

The World Health Organization said Monday that the SARS outbreak has peaked and is on the decline in Canada, Hong Kong and Singapore, but not in China, where WHO officials called for detailed disclosure on the progress of the sometimes-fatal respiratory ailment.

"We believe that these countries will still have to make great efforts to control the outbreaks and contain them, but that they're well on the way to decreasing that epidemic curve, so that they will go down to no cases," said David L. Heymann, WHO chief of communicable diseases. "We have great hopes that they will do that, and that they will be free of SARS."

But he said China must work hard to identify cases and control the outbreak of SARS in the provinces.

The U.N. health organization also reported that Vietnam is the

first country to successfully contain the virus and will be removed from the organization's list of countries with local transmission of SARS.

Leaders from a number of Asian countries, including Chinese Premier Wen Jiabao, on his first foreign trip, and Hong Kong chief executive Tung Chee-hwa, were to hold a one-day summit here on Tuesday where they were expected to endorse measures to reduce the spread of the disease.

At least 3,106 cases of SARS with 139 fatalities have been reported in China, where the virus was first detected in November in the southern province of Guangdong. The disease then spread to Hong Kong, which has reported at least 1,557 cases and 138 fatalities. Together, the incidence in mainland China and Hong Kong accounts for more than 85 percent of all cases listed by WHO.

The WHO announcement on the decline of the disease in some locations is an indication that the virus, which has killed 321 people world-

wide and infected more than 5,000, can be eradicated, officials said.

Since April 11, the number of new infections in Canada, Hong Kong, Singapore and Vietnam has decreased, said Heymann, speaking to a meeting of the Foreign Correspondents Club of Thailand. But China reported 203 new cases of SARS and eight more deaths Monday.

Henk Bekedam, head of the WHO office in Beijing, called on Chinese officials to provide more details about SARS, including detailed identification of outbreaks and the location of patients.

Earlier this month, the Chinese government officially listed only 37 cases and four deaths from SARS in Beijing. Officials later acknowledged mistakes in handling the outbreak and apologized for underreporting statistics about the epidemic. Monday, 96 new cases were reported in Beijing, increasing the total to 1,199, with 59 deaths.

WEATHER

Three Seasons in a Day's Drive

By Robert Lindsay Korty

STAFF METEOROLOGIST

Interstate highways have sped up long-distance drives, but trips can become homogeneous on roads lined with ubiquitous billboards, McDonald's, and Exxon stations. A cross-country trip on a Greyhound bus was once advertised as an opportunity to "see America," but the similarity of I-80 in Nebraska and the New Jersey Turnpike leaves many passengers yearning for the end.

Driving south to Virginia this past weekend, the scenery along my drive was more distinct than usual. Across the hills of central Massachusetts and Connecticut, the landscape still looks like winter (minus the snow and ice, of course) with only early buds on many trees. The flowers and fruit trees of spring were in full bloom in New York City and New Jersey, and by the southern end of the Delmarva peninsula, it looked like summer. With a full canopy of leaves and green fields across southern Virginia, it felt like a day in June. The scenery of spring is migrating quickly north, and the warm temperatures across New England this week are in place to welcome its arrival in May.

High pressure offshore will keep warm westerly winds in place today. Cooler air from Northern New England will move southward tomorrow, but temperatures will continue to be mild through Thursday.

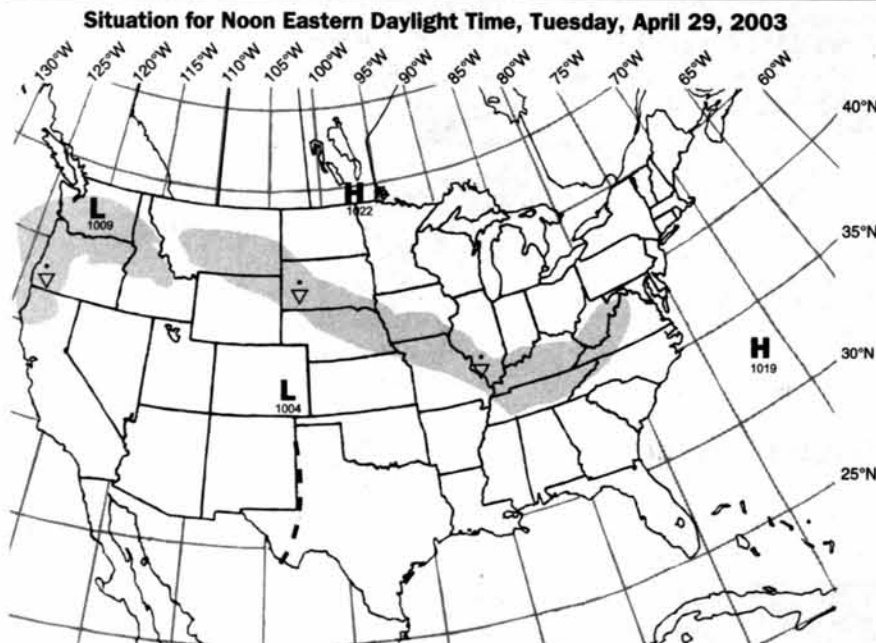
Extended Forecast

Today: Sunny and warm. High 80°F (27°C).

Tonight: Clear. Low 42°F (6°C).

Wednesday: Sunny. High 65°F (18°C), except cooler near the coast.

Thursday: Partly cloudy. High 70°F (21°C), low 48°F (9°C).



| Weather Systems | Weather Fronts | Precipitation Symbols | Other Symbols |
|------------------------|----------------------|-----------------------|----------------|
| H High Pressure | --- Trough | Snow | ☁ Fog |
| L Low Pressure | —•— Warm Front | Light | ⚡ Thunderstorm |
| S Hurricane | —▲— Cold Front | Moderate | ☁☁ Haze |
| | —◐— Stationary Front | Heavy | |

Compiled by MIT Meteorology Staff and The Tech

Bush Insists Iraqis Will Choose Their Own Leader, Government

By Edwin Chen
LOS ANGELES TIMES

DEARBORN, MICH.

President Bush shifted his focus Monday from the war with Iraq to its reconstruction, telling hundreds of Arab-Americans that U.S. officials — while working to create a democracy in the country — have “no intention of imposing our form of government or our culture.”

At the same time, Bush said Iraq’s eventual government will be one in which “all Iraqis have a voice in the new government and all citizens have their rights protected.”

Bush’s message of inclusion and self-rule seemed aimed in part at skeptics, both in the United States and abroad, who have doubted his

administration’s motives in overthrowing the regime of Saddam Hussein.

“Whether you’re Sunni or Shia or Kurd or Chaldean or Assyrian or Turkoman or Christian or Jew or Muslim, no matter what your faith, freedom is God’s gift to every person in every nation,” Bush said. “As freedom takes hold in Iraq, the Iraqi people will choose their own leaders and their own government.”

The president’s remarks were telecast by several satellite stations widely viewed throughout the Arab world.

His comments also came amid spirited jockeying for power in Iraq, even before a U.S.-backed transitional authority is established. A

second meeting on forming the authority took place in Baghdad on Monday.

While the details are being ironed out, U.S. forces generally are giving a wide berth to increasingly assertive Shiite clerics while cracking down on others who have tried to fill the power vacuum. On Sunday, U.S. soldiers arrested a self-proclaimed mayor of Baghdad.

The gathering in Dearborn took on the air of a victory rally, as about 500 Arab-Americans in the Ford Community and Performing Arts Center gave Bush a thunderous welcome. Repeatedly, they interrupted his remarks with standing ovations and chants such as, “We love Bush,” and “U.S.A.”

MasterCard Settles Wal-Mart Suit Over Debit Fees, Visa Will Fight

By Brooke A. Masters
THE WASHINGTON POST

NEW YORK

MasterCard International Inc. agreed Monday to settle its share of a multibillion-dollar antitrust suit in which Wal-Mart Stores Inc. and other retailers alleged that the credit card company illegally forced them to pay high debit card processing fees.

But Visa USA Inc. said it plans to defend an identical policy requiring merchants that accept its credit cards also to accept its signature-based debit cards. Those cards cost merchants far more than bank network debit cards that require users to key in a personal identification number (PIN).

If the retailers win the six-year-old lawsuit, stores such as Wal-Mart, Sears, Roebuck and Co. and Circuit City Stores Inc. could cut their transaction costs by refusing to take signature-based debit cards. But would-be debit card users could run into trouble, because three-quarters of merchants do not have the keypads necessary for using PIN-based cards. Some banks also require consumers to pay fees for using their PIN-based cards.

“Nothing good can happen for the consumer. They aren’t paying the fees” for signature cards, said David Robertson, publisher of The Nilson Report on the credit card industry. “Right now I can use my

Visa debit card at any merchant ... [If the retailers win], five million merchants can say I’m not going to take your debit card.”

But former Federal Trade Commission policy director David Balto, now in private law practice, said allowing stores to pick and chose among debit cards “will result in lower prices to consumers.”

Opening arguments in the class-action lawsuit are slated for Wednesday in the Brooklyn federal courthouse. U.S. District Judge John Gleeson ordered MasterCard and the retailers not to discuss the terms of their settlement for fear of tainting the jury that was picked Monday to hear the Visa case.

Lawmakers Call for Probe Of FBI's Spy Case

LOS ANGELES TIMES

WASHINGTON

A group of lawmakers is calling for a congressional probe of the FBI’s handling of suspected China double agent Katrina M. Leung, saying that the bureau’s system for handling confidential informants may be flawed.

In a letter to Judiciary Committee chairman Orrin G. Hatch, R-Utah, released Monday, three senators requested hearings on the “larger national security issues” of the arrests earlier this month of Leung and retired Los Angeles FBI counterintelligence agent James J. Smith. Leung has been accused of passing classified information to China that she took from Smith during a 20-year relationship in which the two were also sexually involved, prosecutors say.

“If even a portion of the allegations are true,” the letter said, “we cannot afford to wait until yet another breach of national security occurs before we work with the FBI to improve security and the handling of confidential informants.” The letter was signed by Sens. Patrick J. Leahy, D-Vt., Charles E. Grassley, R-Iowa, and Arlen Specter, R-Pa. All three men have been vocal critics of the FBI in the past.

The missive follows a request Friday by Sen. Joseph I. Lieberman, D-Conn., seeking a Justice Department probe into whether Leung, a politically wired, San Marino, Calif., businesswoman, may have illegally contributed money to Republican campaigns that came from the Chinese government.

U-Wisconsin Students Do Their Own Whistle-Blowing

THE WASHINGTON POST

The accounting students had been given a take-home test so they could be free to attend a speech earlier this month by Sherron Watkins, the Enron whistle-blower who alerted investigators to the company’s questionable accounting practices.

But apparently some of the University of Wisconsin students didn’t take her message to heart. After being instructed to work individually on their exams, some worked in groups.

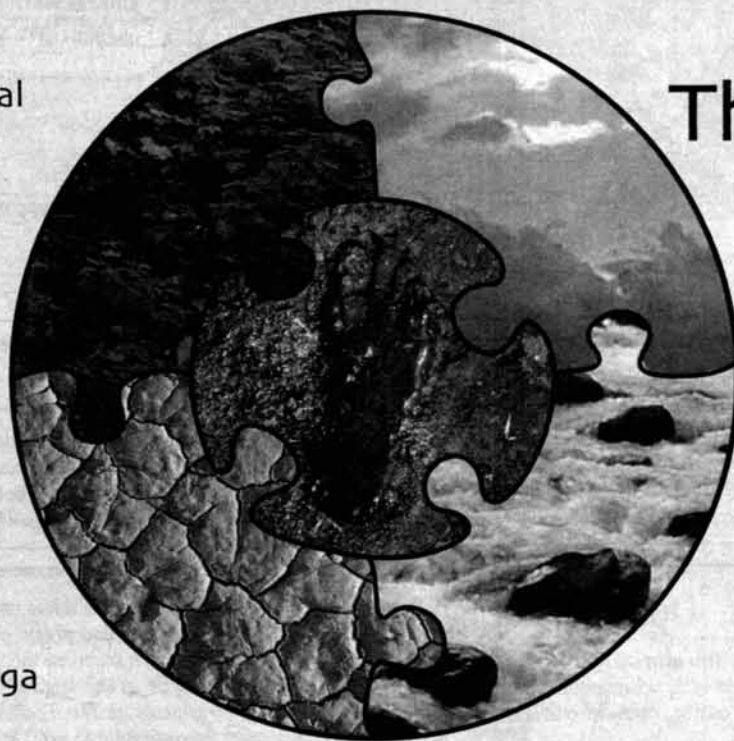
Students who had done their own work reported the others. As a result, everyone had to retake the test, and those who scored significantly lower received the lower grade. Many have since admitted to cheating, though a university official said the number of offenders is “significantly lower” than the 60 who were originally thought to have cheated.

“We just think, like any cheating by students, it’s unfortunate this happened,” said Michael Knetter, dean of the Business School on the Madison campus. “We’re pleased some students came forward and told faculty members they had reason to think there was cheating, and we’re doing something about it.”

Friday, May 2 - Kresge Oval

EARTH DAY @ MIT

- Showcasing MIT & local environmental groups
- Plant give-away with MIT's own compost
- Book exchange
- Free bike repair
- Recycle your old sneakers
- Waste Awareness Day
- 8:30 pm - Tango milonga



featuring...

The Dresden Dolls
free concert at 6 pm



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OPINION



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Editor's Note

A Friday opinion column ["Questionable Qualifiers"] criticizing the qualifying examinations for the doctoral program in the Department of Mechanical Engineering should have described the author's involvement with the program and its qualifying examination. The author is a

former doctoral candidate in the department who twice took and did not pass the qualifying exam. The author disclosed his involvement to the editors of *The Tech* before publication of the column, but the information was not published because of an editing error.

Opinion Policy

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Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

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The MBTA, Palestine, and You

Ken Nesmith

People living under great stress can educate residents of comfortable places like Boston in a variety of ways. They may show by example what not to do with government or foreign and economic policy, or they can teach us poignant, personal lessons about coping with adversities, whatever the source. They can also teach us very practical lessons about good public policy. We'd do well to look to troubled nations for something other than lessons on the extreme dangers of ill-conceived policy and execution. As the MBTA is again in trouble, we might briefly consider the state of public transportation in the U.S. and in Palestine.

The MBTA is a useful enough way to get around, if a bit of an expensive one. The commuter rail is a nice luxury, and the T is useful, if a bit old and beat up, but the cost is the surprising thing. In 2000, \$162 million was collected in fares, while \$613 million was collected from the state to cover deficits. This deficit, having grown for 35 years or so, is projected to rise hundreds of millions more over the next couple of years. This expensive strategy worked fine when tax money poured forth from the supercharged economy during the last decade. Now that states face billions of dollars in deficits, transit systems in cities across the nation face service cuts and rate hikes due to economic slowdown. Most other services face cuts as well. It's a frustrating reality, because the individuals who use these services are often the poorest in society, who are most affected by the growing unemployment and decline in pay that accompanies economic slowdown.

The knee-jerk response is to raise taxes to continue to fund the systems. Even if we'd prefer to ignore the ethical implications of this policy move, we simply must consider the practical consequences. A recent Cato Institute report analyzes recent state-level economic data and tells us how new taxes affected state finances in the last decade. During the 90s, the ten states that cut taxes the most saw job growth of 25 percent, while the ten states that raised taxes the most saw just nine percent growth. Unem-

ployment rates in the tax-raising states were .2 points above the national average, but .4 points below the average in tax-cutting states. These differences mean that more regular, working people had employment in states that cut taxes, and could pay for the goods and services they needed to get by. If we seek more jobs for those who want them, the policy tool to bring about that goal should be apparent. Additionally, personal income growth in the tax-raising states fell to 14 points behind the national average, and grew only two-thirds as much as it did in the tax-cutting states.

During these good times, states expanded their budgets tremendously. The 90s boom brought skyrocketing state budget revenues, but state spending grew even more. The last five years were especially excessive: spending grew 5 percent in 1997, 5.7 percent in 1998, 7.7 percent in 1999, 7.2 percent in 2000, and 8.3 percent in 2001. Now, states face about \$50 billion in budget deficits. Once a service has been created, it's very difficult to let go of it, but services that were introduced or expanded in the past years simply must be cut; there is no money to pay for them. (News flash: in a brilliant political move, Mass. House Speaker Tom Finneran beat Republic Gov. Mitt Romney at his own game by attacking him for not cutting enough, and introducing a budget this week that saves millions more than Romney's while cleverly keeping political pull and power in traditional hands. It's a political war over on Beacon Hill, with two very tough opponents. All await Romney's next move.)

These deficits appear to put us in a rather dire state of affairs. We can surely still find things for which to be grateful, though—no massively powerful opponent is besieging us, we're not living under occupation, our leadership is relatively uncorrupt and subject to the rule of law and democracy, and we generally don't have to worry about errant tanks accidentally destroying our cars, homes, and offices as they roll on through trying to arrest some criminal. But not everyone is so lucky. Residents of the city of Ramallah, a West Bank Palestinian town, have to worry about all of those things,

and to top it all off, they don't even have a state-run public transit system. Yet their transportation needs are otherwise filled.

In fact, residents of the West Bank who do pay taxes to Israel have it really rough: they're consistently and deliberately denied the goods and services their taxes should fund, but worse, their taxes often just disappear and are held under lock and key out of anyone's reach. As of January, of \$600 million in tax revenues collected by Israel, marked for release to local Palestinian government after accounting certification by professional consulting firms, \$80 million had been released, despite U.S. requests to release all of it.

Unemployment is at about 50 percent in the West Bank, and arbitrarily imposed curfews mean that millions of people can never be certain whether or not they'll be able to leave their homes on a given day. Economic exchange with Israelis a few miles away is not possible. Their unpopular leader, Yassir Arafat, is doing his best to confound reform processes within the power structure that could ameliorate this mess. To make a long story short, residents of Ramallah don't have it easy.

One thing that works wonderfully in the city, however, is the public transit system. With no fuss, no philosophizing about the effect of mass transit on pollution levels, the social and utopian benefits of state-subsidized mass transit, or the moral and social imperative for all of society to provide mass transit for everyone, a vibrant system thrives in the city. It doesn't demand more tax revenue, because it doesn't run on taxes. It runs on individuals privately operating shuttles, creating a system that is inexpensive, reliable, and stunningly efficient.

Fleets of small shuttles stream through the narrow streets of the city, quickly dropping off and picking up passengers as they request. For rookie riders, the driver will

quote a price for a destination upon pickup so that potential passengers can decide whether or not to ride, but experienced riders don't need the coaching. Plentiful, easily accessible shuttles deftly maneuver through the traffic to get to destinations promptly. The cost is exceptionally low, generally under \$1.00 even for long trips, and less than that for shorter ones; it's an impressively small expense even by local standards. The shuttles are about as clean as MBTA buses, perhaps a bit more so, and many feature seat belts. Some shuttles are designated for travel to destinations more distant from the urban core, such as the nearby university or the Israeli checkpoint, if it happens to be open.

This public transit system operates amidst the nearly complete absence of local government. It is a service completely provided by the market. It cuts pollution by taking cars off the road, it enables those who can't afford cars to travel easily to work or other destinations, and

it facilitates efficient urban living. It allows enterprising individuals to compete to provide a service and make a profit on their hard work. Here at MIT, in Massachusetts, in Israel, and elsewhere in the Western world, bloated public transportation budgets extort millions from constituents, whether they benefit from the service or not, to do a worse job of the same.

The irony here is that Israel is regarded as the region's sole outpost of Western values of freedom and individual rights in a sea of repressive, backward states, with an underlying suggestion that the nonwhite people of the Middle East are incapable of operating within a free, Western market system. This instance should make us doubt that conventional wisdom. From Palestinians in Ramallah, we can learn a very practical lesson about Western freedom, individual rights, and the virtue of the free market.

From Palestinians in Ramallah, we can learn a very practical lesson about Western freedom, individual rights, and the virtue of the free market.

Toronto Health Warning Unfair

Andrew C. Thomas

The headlines across the country this past week all focused on Toronto. My fair home city is under siege after the World Health Organization declared that travel there is unsafe because of a concentration of SARS infections. And Toronto isn't defending itself very well — from the siege, not the illness.

A city of two and a half million, Toronto is home to the majority of SARS cases in Canada. But compared to Hong Kong, Beijing and other widespread infected areas, Toronto is hardly a SARS playground. The warning is expected to cripple the economy of the city, despite the fact that the epidemic is being well tracked, at least to the knowledge of Ontario health officials.

It's not like Toronto has much in the way of defence, especially when criticism from within has been strong. The province of Ontario has seen other health crises in past years, even without taking into account a cash-strapped healthcare system. Most devastating was an *E. coli* breakout in the commu-

nity of Walkerton, which killed several after a collapse in the water treatment procedures of the area.

Toronto is suffering a leadership crisis, which isn't helping either. Mayor Mel Lastman, a former furniture magnate and long-time mayor of the municipality of North York (now absorbed into Toronto itself), has a history of bad public relations. An off-the-cuff remark comparing Africans to cannibals was thought to have singlehandedly lost Toronto's bid for the 2008 Olympics. Mel's appeal to the world after the WHO proclamation was similarly awkward; he was surprisingly poorly informed about the exact goings-on because of a medical absence from his office. Mel's tendency to act on emotion, thought to be the source of his power as mayor, has only hurt the city under these circumstances.

Major League Baseball has also taken issue, though they didn't overreact in the same way. League officials offered more restraint than the overblown WHO warning, simply offering caution, like avoiding crowds and using their own pen to sign autographs. It was

a common sense, perfectly legitimate proposal — though Anaheim Angels' pitcher Kevin Appier went so far as to suggest that upcoming Toronto home games should be played on the road, and the favour returned later in the season at the pass of the outbreak.

But according to all evidence accumulated so far, the Toronto outbreak is not a public one. One hospital in particular, Scarborough Grace, in the largely Chinese suburb of Agincourt, is being attributed as the starting point for many of the cases in the area. The city itself, however, is no more dangerous to a resident or a citizen than it would be during flu season, even with the paranoid scene of arriving travellers wearing surgical masks as they arrive at Pearson Airport and as they walk through the downtown core.

The economy is already hurting from the fallout of the WHO declaration, as weddings, sporting events and other large gatherings are all being cancelled. Harvard recently jumped on the bandwagon and restricted subsidized travel to SARS infected areas, including Toronto. The Blue Jays have complained about a drop in ticket sales, at a time when the struggling franchise is already suffering from record-low attendance.

Want to get infected? Go to Beijing or Hong Kong, where mismanagement and a policy of secrecy have caused the reckless spread of the disease. Toronto has not nearly reached the conditions to warrant what amounts to a black-listing. Appeals to the WHO for a review of the warning are being politely ignored, to the ire of politicians, bureaucrats and businessmen alike. And when common sense gives way to paranoia at a world scale, our global community definitely suffers.

Defending Mech E Quals

Ain A. Sonin

The recent article in *The Tech* on the PhD qualifying examinations in the Mechanical Engineering Department ["Questionable Qualifiers," April 25] contains a significant number of errors.

1) The article suggests that the passing rate is 50 percent. This is incorrect. Data maintained in our Graduate Office shows that, on the average, the number of students who eventually pass the exam is about 90 percent. Only 10 percent actually leave the Ph.D. program as a result of this examination. The fraction that passes on their first attempt is 70 percent.

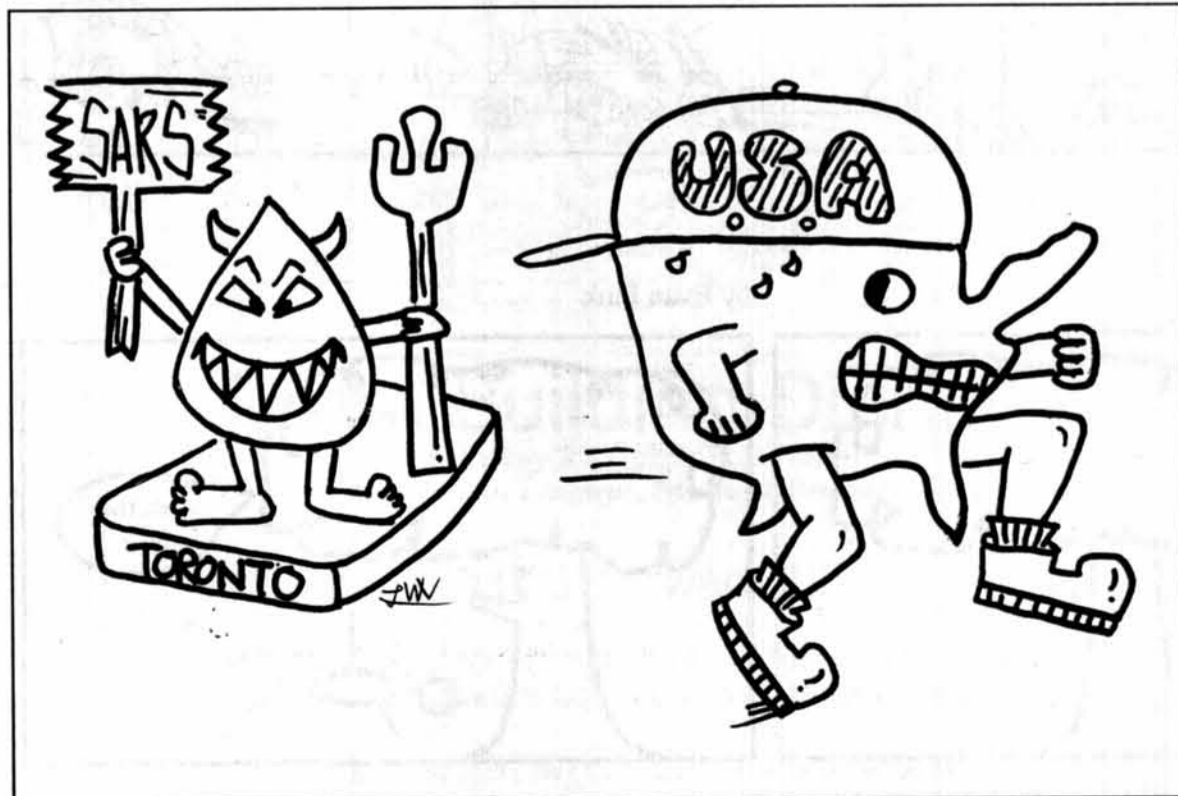
These statistics, developed from a review of more than 700 doctoral candidates, have been essentially constant over the past 30 years.

2) The article implies that a single faculty member, for whatever reason, can fail a student. This is not true. The examination system has been carefully designed so that a student cannot fail — or pass — solely because of the judgement of a single faculty member. The decision is made collectively, by all of the ME faculty members who attend the results meeting.

3) The article suggests that students pass because of a "negotiation" that takes place. This is not true. The performances of students who do not clearly pass, those who score in the "grey area," are discussed in order to gather additional information upon which to base the decision. The article states that in order to pass, a student needs a faculty member to strongly advocate him or her in the faculty results meeting. In reality, many students pass without any discussion at all, on the basis of strong scores on a majority of the individual exams. And no student ever fails without an extensive discussion of all contributing or mitigating circumstances. These discussions are not "negotiations."

The Department of Mechanical Engineering is proud of its superb students and pays continual attention to their academic experience. The ME faculty work very hard to ensure that our doctoral examinations are objective, unbiased, and fair.

Ain A. Sonin is a professor and graduate officer in the Department of Mechanical Engineering.



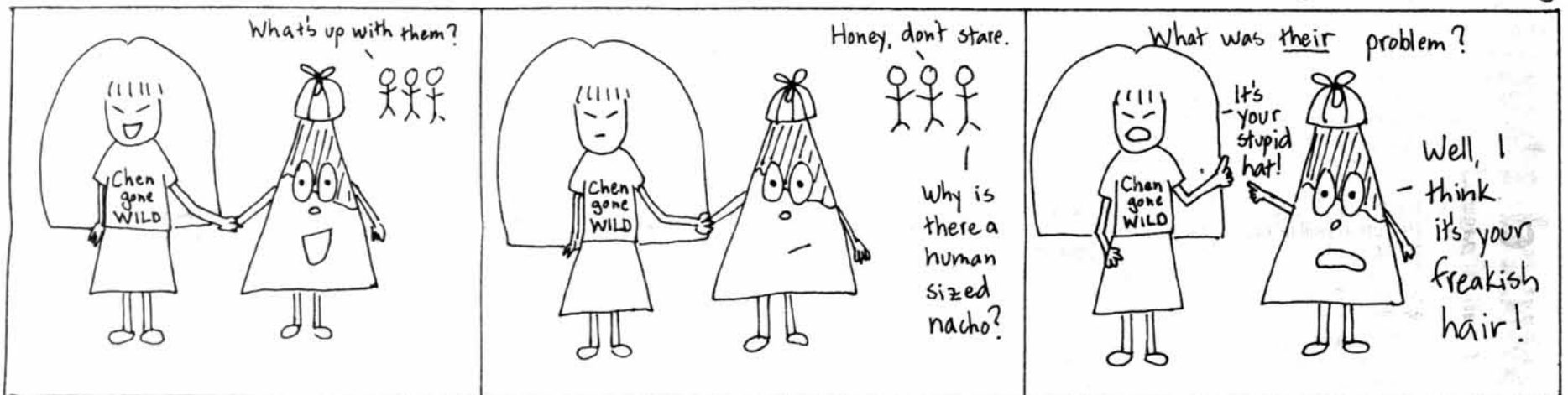
INSTITUTE MADNESS!

ALISON WONG



Hay Fever on Spring Break

by Qian Wang + Jennifer Peng



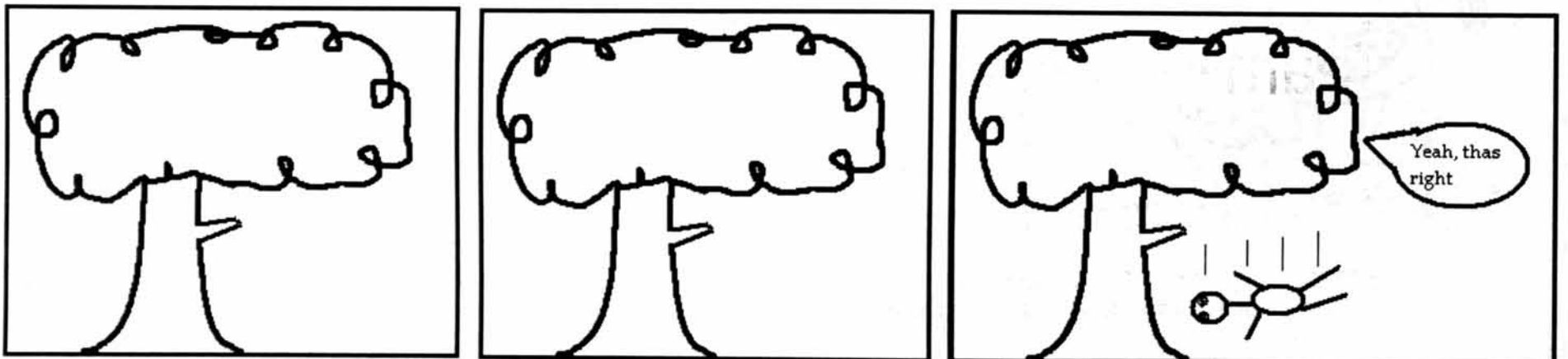
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THE RICK AND CHESTER SHOW



The Tree

by Evan Fink



FoxTrot by Bill Amend



Dilbert® by Scott Adams



Crossword Puzzle

Solution, page 17

ACROSS

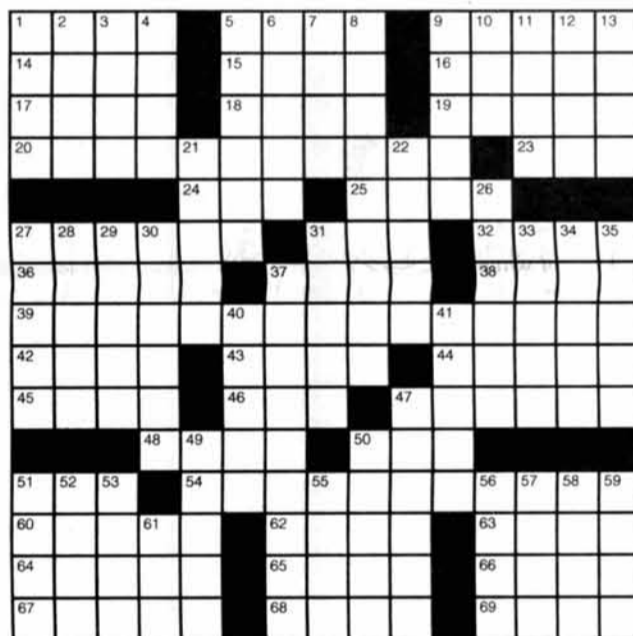
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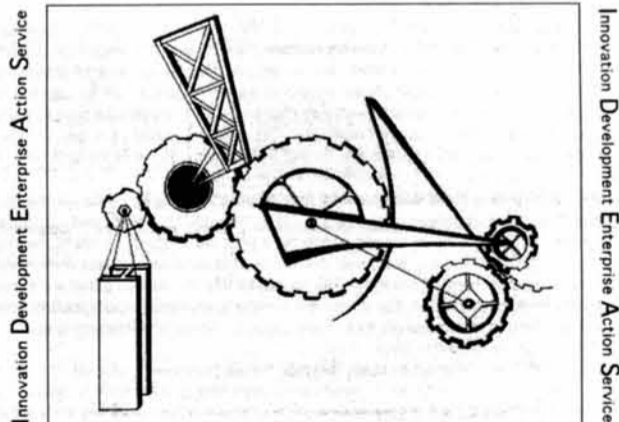
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- 38 Small whirlpool
- 39 Singer Diamond
- 40 Poker pot builder
- 41 Alternative to lager



MIT IDEAS COMPETITION 2002 - 2003



Team-Building Dinner

Wednesday 23 October, 7:30pm
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<http://web.mit.edu/ideas/www>

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Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, April 29

8:30 a.m. - 8:30 p.m. - Visiting Committee for Brain and Cognitive Sciences. Biennial meeting of the Corporation Visiting Committee for the Department of Brain and Cognitive Sciences. Room: E25-401. Sponsor: Corporation Office.

9:00 a.m. - 12:00 p.m. - Web-Enabled Parking. paper prototype test of web based parking application. free. Room: N42-286. Sponsor: Usability at MIT, Information Systems.

10:00 a.m. - Admissions Information Session (Followed by the Campus Tour). Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Enter MIT at the main entrance, Lobby 7, 77 Massachusetts Ave (domed building with tall pillars). Proceed down the center corridor to Room 10-100 on the right. Following the Admissions Information Session is a Student Led Campus Tour which begins in Lobby 7 (main entrance lobby) Groups over 15 people need to make special reservations. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. - Campus Tour. Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Information Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:50 a.m. - 12:55 p.m. - Chris Stone, Vice Chairman of Novell. Chris Stone was appointed Vice Chairman, Office of the CEO, of Novell in March, 2002, marking his return to the company after departing in late 1999 to start Tilon, a web services startup. At Novell, Stone has responsibility for all engineering, support, marketing, product management, alliances, global sales and consulting. Stone will be instrumental in driving Novell's one Net vision forward, and is focused on reasserting Novell's technology leadership moving into a Web services environment. He has been named a "Top Ten Entrepreneur" by Red Herring for 2001. free. Room: TBD. Sponsor: MIT Entrepreneurship Center. Sloan Media Tech Club.

11:55 a.m. - 1:00 p.m. - VCPIA Lunch Meeting. Weekly lunch meeting sponsored by the MIT Venture Capital & Principal Investment Association. free. Room: Tang Center. Sponsor: MIT Venture Capital and Principal Investment (VCPI) Association, MIT Entrepreneurship Center.

12:00 p.m. - 2:00 p.m. - Enlightenment & Legacies: Contingency & Necessity in the History of Science & Technology. Dibner Institute Luncheon Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.

12:00 p.m. - 6:00 p.m. - Blood Drive. Come help save lives by donating blood or volunteering to help with our drive! See our web page for more information or to make an appointment to donate. free. Room: Student Center - La Sala de Puerto Rico. Sponsor: American Red Cross Team and Network, Blood Drives.

1:30 p.m. - 2:45 p.m. - Center for Theoretical Physics - Nuclear Theory Seminar. "Gluon Propagator and Magnetic Screening Mass in Non-Equilibrium." free. Room: Center for Theoretical Physics, Building 6, Third Floor Seminar Room. Sponsor: Laboratory for Nuclear Science.

2:00 p.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:00 p.m. - 4:00 p.m. - The Challenge of Operating Nuclear Power Plants. Open panel discussion, with 3 Nuclear Energy Executives, of current challenges: technical, regulatory, competitive, managerial and political. The future will also be discussed, with career opportunities identified. free. Room: 24-115. Sponsor: American Nuclear Society, Nuclear Engineering Center for Advanced Nuclear Energy Systems (CANES).

2:00 p.m. - 3:00 p.m. - 2pm Andrew and Shankar - QIP. free. Sponsor: Physics Junior Lab Orals.

2:30 p.m. - 3:45 p.m. - Joint Tufts / CTA / MIT Cosmology Seminar. "Gravitational Leakage Into Extra Dimensions: How the sun can shed light on dark energy." free. Room: MIT: Kolkner Room, 26-414. Sponsor: Laboratory for Nuclear Science.

2:30 p.m. - 3:30 p.m. - Granular Packing and Hopper Flow. Physical Mathematics Seminar. free. Room: Building 2, Room 2-338. Sponsor: Physical Mathematics Seminar.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

4:00 p.m. - 5:00 p.m. - MTL VLSI Seminar Series. TBD. free. Room: 34-101. Sponsor: MTL VLSI Seminar.

4:00 p.m. - MIT Astrophysics Colloquium: TOD STROHMAYER. TBA. free. Room: MIT, Marlborough Lounge, Room 37-252. Sponsor: Astrophysics.

4:00 p.m. - 5:00 p.m. - MechSeminar- Note: Seminar shifted to Friday, May 2, 2003. See Friday, May 2, 2003. free. Sponsor: Engineering & Environmental Mechanics Group.

4:15 p.m. - 5:30 p.m. - GTL Seminar Series. "CFD Aided Aerodynamic Design of Axial Flow Fans and Compressors." free. Room: NOTE ROOM: 33-206. Sponsor: Gas Turbine Laboratory.

6:30 p.m. - Architecture Lecture: "Field Operations." Lecture by Stan Allen, Dean of Architecture, Princeton University. free. Room: Rm 10-250. Sponsor: Department of Architecture.

7:00 p.m. - That Takes Ovaries. Student spoken word event in conjunction with Prof. Helen Elaine Lee's class, "Contemporary US Women of Color: Reading and Writing Short Stories" and Prof. Rebecca Faery's class, "Writing about Race." free. Room: Rm 2-105. Sponsor: Women's Studies Program.

7:00 p.m. - 8:30 p.m. - Japan Program Internship info session for graduate students. Dear Graduate students, Are you looking for exciting overseas experiences? The Japan Program can help you finding internships in company, university, and institution labs in JAPAN!! (3 months-1 year) Please come join us for the info session. (Free Food) ** undergraduate students are welcomed to join us too. free. Room: Sidney & Pacific Multi-purpose room# 157. Sponsor: MIT Japan Program.

7:30 p.m. - 10:00 p.m. - Interfaculty Symposium. free. Room: 4-237. Sponsor: Graduate Student Council, Hellenic Students' Association.

8:00 p.m. - 10:00 p.m. - LIVEmusic@theEAR: The Dan Katz. Pub Hours: Monday: 9 p.m. - 1 am Tuesday - Thursday: 7 p.m. - 1 am Friday: 4 p.m. - 2 am The Thirsty Ear Pub is located in the basement of Ashdown House. Enter through the courtyard. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

8:30 p.m. - 9:30 p.m. - Underwater Hockey. Underwater Hockey is an exciting and addictive game played at the bottom of a pool with a short stick and a lead puck, with mask fins and snorkel. Bring swimsuit and towel. free. Room: Alumni Pool. Sponsor: Scuba Club.

Wednesday, April 30

8:30 a.m. - 3:00 p.m. - Visiting Committee for Brain and Cognitive Sciences. Biennial meeting of the Corporation Visiting Committee for the Department of Brain and Cognitive Sciences. Room: Room E25-401. Sponsor: Corporation Office.

10:00 a.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:00 a.m. - 4:00 p.m. - Blood Drive. Come help save lives by donating blood or volunteering to help with our drive! See our web page for more information or to make an appointment to donate. free. Room: Student Center - La Sala de Puerto Rico. Sponsor: American Red Cross Team and Network, Blood Drives.

10:45 a.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:00 a.m. - 12:00 p.m. - Optical Networking: How Far, How Fast and How Soon? EECS/RLE - Optics & Quantum Electronics Seminar Series. free. Room: RLE Conference Room, 36-428. Sponsor: Optics.

12:00 p.m. - 4:00 p.m. - Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbgt@MIT.

12:00 p.m. - 1:30 p.m. - Cambridge, MIT, and Climate: A University-Community Partnership Model. Climate change is a classic example of an environmental problem so complex that it often overwhelms individual citizens to the point where they feel helpless to make a difference. During MIT's Independent Activities Period in January 2003, a group of MIT students engaged in a collaborative educational experiment to develop practical strategies for helping Cambridge residents to take positive action to reduce greenhouse gas emissions. We will discuss factors that contributed to the success of this experiment as well as recommendations for extending and improving educational collaborations between the university and its local community. free. Room: E40-496. Sponsor: Laboratory for Energy and the Environment.

12:00 p.m. - 1:00 p.m. - Energy Boosters for Everyone. Are you tired of being tired? A registered dietician from Brigham and Women's Hospital reveals the secrets of energized eating: foods that help you stay alert, foods that make you sleepy, energy bars and drinks, herbal and vitamin supplements, and much more. free. Room: 3-343. Sponsor: MIT Medical.

12:10 p.m. - 1:00 p.m. - GABLES Lunch. GABLES is the M.I.T. lbgt staff & faculty group. The lunch is an opportunity for us to gather in a social environment to meet and greet one another. It is also a venue for us to talk about issues of interest to the M.I.T. and larger communities. Our colleagues from the wider community are invited to join us. free. Room: Various. Sponsor: GABLES.

12:10 p.m. - 1:00 p.m. - Oceanography and Climate Sack Lunch Seminar. "Asymptotic Stability and Parameter Estimation in stochastic filtering." free. Room: 54-915. Sponsor: Physical Oceanography.

1:00 p.m. - 4:00 p.m. - Web-Enabled Parking. paper prototype test of web based parking application. free. Room: N42-286. Sponsor: Usability at MIT, Information Systems.

2:00 p.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:00 p.m. - 3:15 p.m. - Center for Theoretical Physics - String Seminar. "Tachyon condensation and non-trivial B-background." free. Room: Center for Theoretical Physics, Building 6, Third Floor Seminar Room. Sponsor: Laboratory for Nuclear Science.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:00 p.m. - 5:00 p.m. - spouses&partners@mit weekly meeting: Reverse Culture Shock. Join us for an interesting discussion with Marlyse Lupis, the Chairwoman of the MIT Women's League. Childcare provided. free. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.

3:30 p.m. - Men's Tennis vs. Bates College. free. Room: Katz Tennis Courts. Sponsor: Department of Athletics, Physical Education and Recreation.

4:00 p.m. - 5:00 p.m. - SMA - HPCES Seminar. "Variational and Multiscale Methods in Turbulence with Particular Emphasis on Large Eddy Simulation." free. Room: 4-237. Sponsor: Singapore-MIT Alliance/HPCES.

4:05 p.m. - 5:00 p.m. - Environmental Chemistry and Biology Seminar. A mouse model for studying gastrointestinal microbial ecology. Room: 48-316. Sponsor: Parsons Lab (general).

4:15 p.m. - 5:15 p.m. - Combinatorics and Geometry of Littlewood-Richardson Cones. Reception at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar, Department of Mathematics.

4:15 p.m. - 5:30 p.m. - Color Contrast, Constancy and Consciousness. Abstract: Color constancy - by which objects tend to appear the same color under changes in illumination - is important for object recognition, or so it is presumed. In the human visual system, color constancy is most likely achieved by several mechanisms, operating at different levels. One powerful contributory mechanism is simultaneous spatial color contrast. I will discuss recent psychophysical and neurophysiological evidence suggesting that color contrast is mediated at early levels of the visual system. For example, neither

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

motion nor depth contrast disrupts color constancy, indicating that the computation of color contrast precedes image segmentation. Indeed, color contrast and, through it, color constancy, may be largely mediated by V1 and lower levels. Since color constancy is integral to our conscious experience of colors, does this conclusion promote V1 activity to consciousness? free. Room: E25-401. Sponsor: 'Brains and Machines' Seminar Series, McGovern Institute. Dept. of Brain & Cognitive Sciences and the Artificial Intelligence Lab.

5:10 p.m. - 6:00 p.m. - Service with dinner to follow. A Eucharist service with dinner following in W11. free. Room: MIT Chapel and W11. Sponsor: Lutheran-Episcopal Ministry.

5:30 p.m. - 7:30 p.m. - Medical School Application Q & A Session. This session is designed to provide a question and answer period for students with questions unanswered by the online Powerpoint Presentation on the AMCAS Application. (<http://www.aamc.org/students/applying/advisors/amcas2004.ppt>) Please review the material in this slide show prior to attending the workshop to determine if you have any specific questions we can assist you with during the Q & A session. Registration for this event is requested. free. Room: 4-231. Sponsor: OCSA.

6:00 p.m. - 7:30 p.m. - Biotechnology & Pharmaceuticals Networking Event. The Career Development Office, in partnership with The BioPharma Business Club and the Entrepreneurship Center, is hosting a biotechnology and pharmaceutical networking event. This loosely structured event will provide an informal networking opportunity with a brief panel discussion on topics of interest (see below). The evening will begin with a panel discussion in E51-376. By 6:45, we will adjourn to the CDO for light snacks and refreshments. Members of the MIT Sloan Club of Boston have been invited and over 30 alumni have responded with interest. We suggest business casual wear for the event. This is the event originally scheduled for March 6th that was cancelled due to snow. free. Sponsor: MIT Entrepreneurship Center. BioPharma Business Club.

7:00 p.m. - 11:00 p.m. - Sangam-MIT FLL Movie. Movies screened as a part of MIT FLL course. Email was sent out on sangam-request@mit.edu. free. Room: Variable, was sent out in email. Sponsor: Sangam. MIT FLL.

7:00 p.m. - 10:00 p.m. - TMRC Build Time. These are our normal meeting times, when we build the layout! free. Room: N52-118. Sponsor: Tech Model Railroad Club (TMRC).

7:00 p.m. - Taking the T from Boston to Puerto Rico: The Politics of Urban Transit. Free. Room: MIT 4-231. Sponsor: MIT Western Hemisphere Project.

7:00 p.m. - 8:00 p.m. - Bible Study. Weekly Bible study held by the Baptist Student Fellowship. free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

7:30 p.m. - 10:30 p.m. - HTC Film Series: Gaza Strip. Theme is documentary films. free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

8:00 p.m. - Weekly Wednesdays @ the Muddy Charles Pub. Meet your fellow social graduate students at the Muddy Charles Pub located in the Walker Memorial Building. What will be there for you? \$1 drafts, a variety of beers, wines and sodas, lots of free wings, Sox on the screen. Bring IDs. free. Room: Muddy Charles Pub. Sponsor: Edgerton House Residents' Association, MIT Entrepreneurship Center. TechLink, Wing It.

8:00 p.m. - 10:00 p.m. - IFILM Film Seminar. Screening of a movie followed by a discussion. Light refreshments provided. More information (including movie titles) on our web site. free. Room: 4-237. Sponsor: International Film Club.

8:30 p.m. - 11:30 p.m. - Swing Dancing. No partner required. Beginners welcome. free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society.

8:30 p.m. - Swing Dancing Lessons. free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society.

9:00 p.m. - 10:00 p.m. - Hong Kong Cultural Hour. Come learn about Hong Kong's culture and food at Sidney-Pacific's Cultural Coffee Hour! free. Room: Sidney-Pacific Graduate Residence. Sponsor: Graduate Student Council, Sidney-Pacific House Council.

Thursday, May 1

9:00 a.m. - 5:00 p.m. - Spring Craft Fair. Tech Community Crafters' Sale. free. Room: Lobby 10. Sponsor: MIT Women's League.

10:00 a.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:00 a.m. - 3:00 p.m. - Waste Awareness Day. Become one with your waste! Win great prizes! Pick up a garbage bag from SAVE and carry it with you to collect all the trash you generate for the next 24 hours. Return with your garbage bag to the SAVE booth at the Kresge Earth Day fair on Friday May 2 and receive a great prize for participating. What better way to learn more about your impact on the earth? Take the challenge! free. Room: location TBA. Sponsor: SAVE.

10:45 a.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

12:00 p.m. - 6:00 p.m. - Blood Drive. Come help save lives by donating blood or volunteering to help with our drive! See our web page for more information or to make an appointment to donate. free. Room: Student Center - La Sala de Puerto Rico. Sponsor: American Red Cross Team and Network, Blood Drives.

12:00 p.m. - 1:00 p.m. - Noon Bible Study. Come join an English Bible study open to everyone but especially for spouses and international students at MIT. Simple English conversation and open discussion. free. Room: W11 Board Room. Sponsor: Baptist Campus Ministry.

12:00 p.m. - 1:00 p.m. - 12pm Elizabeth and Ray - X Rays. free. Room: 4-357. Sponsor: Physics Junior Lab Orals.

1:00 p.m. - 2:00 p.m. - Weight Watchers at Work! free. Room: Women's Lounge-Room 8-219. Sponsor: Weight Watchers.

1:00 p.m. - 6:00 p.m. - Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbgt@MIT.

1:00 p.m. - 2:30 p.m. - Free Conversational English Class. International students and spouses are invited for a free Conversational English class offered as a service on campus at MIT. Come make friends, exchange culture, learn about holidays and have fun. Enjoy an informal discussion class setting with one or more native speakers. free. Room: W11, Board Room. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

1:00 p.m. - 2:00 p.m. - DGC. Room: 1-350. Sponsor: Civil and Environmental Engineering.

2:00 p.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:00 p.m. - 4:00 p.m. - Deep-sea Archaeology via Telepresence. Dr. Robert Ballard, founder and president of the Institute For Exploration, has a long and distinguished career in the world of deep submergence. He will speak about the possibilities and realities of conducting archaeological work in the deep sea through telepresence. free. Room: Bartos Theater. Sponsor: DeepArch.

2:30 p.m. - 3:30 p.m. - 2:30pm Emma and Mara - Muons. free. Room: 4-357. Sponsor: Physics Junior Lab Orals.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

4:00 p.m. - 5:00 p.m. - The challenge of mesoscale weather forecasting. free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

4:00 p.m. - 5:30 p.m. - Flexibility in High Tech Firms: The Challenge of Integrating Dispersed Professionals from Acquired Firms. Speaker: Tim Riley, Vice President, Strategic Growth, Forrester Research. Discussant: M. Diane Burton, Assistant Professor, MIT Sloan School. Part of the MIT Workplace Center Spring Seminar Series. Refreshments will be served following the seminar. free. Room: E56, Penthouse. Sponsor: MIT Workplace Center.

4:10 p.m. - 5:00 p.m. - The Wogan Lecture, Part I. "Mechanisms of Aromatic Amine Mutagenesis." free. Room: 56-114. Sponsor: Biological Engineering Division.

4:15 p.m. - 5:15 p.m. - Physics Colloquium. Title TBA. free. Room: 10-250. Sponsor: Physics Department.

4:30 p.m. - 6:30 p.m. - McMillian-Stewart Lecture. "Each person is important. Each individual story matters. Each person can contribute a lot to the group. I rebel against any received idea, any acts of violence carried out on others in the name of normality. Classifying people in stereotyped constraints is unbearable to me. And above all, what right do they have to judge others? In the name of what?" —Gisèle Pineau. Gisèle Pineau was born in Paris in 1956 of parents from Guadeloupe, and grew up far away from her motherland, For Gisèle, France is a land of exile, and the racism and intolerance she endured there daily later became themes for her books. free. Room: Building 4, Room 163. Sponsor: Women's Studies Program.

4:30 p.m. - 6:00 p.m. - Data Compression: Not What It Used to Be. Data compression has become ubiquitous - from file compression to streaming media, most of us use it daily with or without making explicit changes. This panel, composed of experts in the commercial field and the academic arena, will explore the latest developments in the theory and practice of data compression. In particular, the panel will explore the evolution of data compression and the extent to which theory and practice are converging or diverging. The format of this moderated panel will consist of panelist statements, followed by questions from the audience. The panel is intended to encourage participation from a wide audience, not necessarily involved in the field of compression. free. Room: 4-370. Sponsor: Research Lab of Electronics. HP Wireless Center Panel Series, MIT Center for Wireless Networking.

5:00 p.m. - 6:00 p.m. - Nanostructures Seminar Series (nanoweb.mit.edu). The Science of Biomolecular Electronics. free. Room: Building 1, Room 190 (Refreshments beginning at 4:30 pm). Sponsor: Nanostructures Laboratory. Co-Sponsored by the Tiny Tech Club and TechLink.

7:00 p.m. - 9:00 p.m. - Panchatantra Class. Classes in Indian Folk-lore. free. Room: 4-144. Sponsor: Graduate Student Council, Sangam. South Asian Center.

7:00 p.m. - 8:30 p.m. - Meditation and Discussion. Meditation and Discussion on Shantideva's Bodhicaryavata. free. Room: MIT Chapel. Sponsor: Buddhist Association at MIT, Buddhist Community at MIT.

7:30 p.m. - 9:30 p.m. - MIT IDEAS Competition Final Awards Ceremony and Poster Session. Come and see how MIT students are working to change the world! Please join us for the final awards ceremony and poster session of the 2003 MIT IDEAS Competition. David Irvine-Halliday, founder of the Light Up The World Foundation, will be our guest speaker. free. Room: 10-250 & Lobby 10. Sponsor: Edgerton Center, MIT Public Service Center.

8:00 p.m. - Clue: The Musical. Based on the popular board game, CLUE: THE MUSICAL brings the world's best-known mystery suspects to life on the stage, and invites the audience to play along to solve a mystery. \$10, \$8 MIT community/other students/seniors, \$6 MIT/Wellesley students. Room: Kresge Little Theater. Sponsor: Musical Theatre Guild, MIT.

8:00 p.m. - 10:00 p.m. - IFILM Film Seminar. Screening of a movie followed by a discussion Refreshments provided. free. Room: 4-237. Sponsor: International Film Club.

9:00 p.m. - 10:00 p.m. - Coffee Hour [IMAGE]. Food and drink - an Ashdown tradition. [IMAGE]. free. Room: Hulsizer Room (W1). Sponsor: Ashdown House.

10:00 p.m. - 11:59 p.m. - Movie Night [IMAGE]. Movie and food - free for all!!! free. Room: Big TV Room (W1). Sponsor: Ashdown House.

11:59 p.m. - Campus Disc Golf. Do you like tossing a disc? Do you enjoy friendly competition? Or if you're just up for mid-night antics, then come on out! Meet outside the Student Center on the front steps, and don't forget to bring a disc! Don't hesitate to come, newcomers are always welcomed - We meet every Thursday at midnight. Questions, contact Daniel Turek, macgyver@mit.edu. bring your own disc! Room: Student Center steps. Sponsor: Campus Disc Golf.

ARTS

CLASSICAL REVIEW

Toying with the Limits of Music

Tod Machover's Cacophonous 'Toy Symphony' Receives U.S. Premiere

By Jonathan Wang

PHOTOGRAPHY EDITOR

Tod Machover's *Toy Symphony*
Boston Modern Orchestra Project, with PALS
Children Chorus and the Children of Boston
Gil Rose, conductor
Cora Venus Lunny, hyperviolin
Kresge Auditorium
April 26, 7:30 p.m.

While it certainly isn't Beethoven, *Toy Symphony* and Professor Tod Machover's inventions make instrumental and electronic music accessible to children at an early age. It is both a piece and a presentation. Machover's *Toy Symphony for Orchestra, Hyperviolin, Children's Chorus, and Music Toys* is a work conceived to display the instruments Machover has created. According to the program notes, *Toy Symphony* is in a broader sense "a creative project for children, orchestra, and new expressive technologies for beginners and virtuosos."

Machover introduced three new instruments in Saturday's performance, along with a software package for composition. The new instruments, however, were unimpressive. It was unclear how much of the music was produced by the instruments and how much was preprogrammed into the fleet of computers sitting upstage. Machover's beatbugs — handheld percussive instruments — as well as his music shapers — pliable balls — seemed to be little more than an intuitive interface to a traditional electronic synthesizer.

Unfortunately, Machover's descriptions of these instruments are highly vague and offer no clue as to how they actually work. Equally underwhelming was the hyperviolin. While it does incorporate a number of sensors in the bow in an effort to enhance the violinist's expressive capabilities, in performance it seemed to be little more than a standard electric violin passed through an effects box. Perhaps Machover would be interested in a

"hyperguitar" of the type made by Fender and used by Joe Perry of Aerosmith.

However, Machover's Hyperscore composition package is a compelling, innovative tool to introduce children to composition. The software allows users to create various motives by drawing an intuitive set of pitches and lengths, and then create a full composition by drawing lines representing repetition and modulation of those motives. The software is also able to create pleasing harmonies and adjust the user-inputted modulation to conform to the rules of composition.

At one point in the evening, works created in Hyperscore by local children and transcribed

for string orchestra demonstrated the latitude of expression capable. However, Hyperscore achieves its usability by forcing the composer to conform to rules. It won't make a Beethoven out of seven-year-old Johnny, but it's not meant to. It will let Johnny create a pleasing composition by experimenting and playing with music and receiving instant feedback on his work. Hyperscore doesn't require one to understand music theory to create music. In this respect, it goes to show that a million monkeys at a million typewriters could produce literature, as long as they were also armed with spelling and grammar checkers.

As for the concert itself, the pieces demon-

strated that advanced technology is no substitute for compositional talent and vision. The professionally composed pieces, Machover's *Sparkler*, Jean-Pascal Beintus' *Nature Suite*, Gil Weinberg's *Nerve*, and Machover's *Toy Symphony* demonstrated effective and pleasing composition. Beintus' *Nature Suite*, in particular, was an excellent programmatic piece that evoked clear images of the seasons it aimed to represent. *Gestures*, the product of twelve-year-old Natasha Sinha and Hugo Solis G, was less successful. It was certainly experimental, featuring a double bass and music shapers on stage, with other instruments scattered throughout the house, but failed to present any musical idea other than being an array of novel sounds. At one point, the trumpeter was asked to play his mouthpiece only, after which he began chuckling to himself.

Toy Symphony, the namesake of the project and the flagship work of the evening, most visibly displayed the shortcomings of Machover's music toys. Cora Venus Lunny demonstrated

her competence as a soloist on the hyperviolin. Tellingly, though, the work degenerated into a cacophony of sound as soon as the children on stage picked up the music toys. Once the music toys were put down, recognizable melody and harmony returned. Perhaps the child musicians in *Toy Symphony* were allowed more latitude in their use of the music toys than in the previous works; then, removing the strict control of the "computer section" resulted in the immediate loss of any semblance of musical unity.

Machover's effort to involve children in music is interesting, but in the end he has created items that belong in Toys 'R Us, not Symphony Hall. The novel approaches of *Toy Symphony* will at best excite children's interest in music, but are not by themselves viable instruments or compositional tools.



JONATHAN WANG—THE TECH

Children, orchestra, and computers combine in Tod Machover's *Toy Symphony*. Gil Rose conducts the Boston Modern Orchestra Project and music shaper soloists in Jean-Pascal Beintus's *Nature Suite*.

CLASSICAL REVIEW

Child's Play and Something More

Chamber Concert Celebrates MIT Composer's 50th Birthday

By Jonathan Richmond

ADVISORY BOARD

Child's Play III
A Fiftieth Birthday Concert for Professor Peter Child
Killian Hall
April 27, 3 p.m.

Peter Child is one of our age's greatest composers. Unlike so many of his contemporaries, Child's work is accessible, but he uses his uncanny ability to grab the listener's attention to trap his audience in the depths of music that is profound, at times witty, and always humane.

Six of Child's works were performed Sunday to celebrate his fiftieth birthday, and they demonstrated the wide range of his output and talents. The *Concertino for Violin and Chamber Winds* with its vivid harmonies and lively interaction between soloist and ensemble was a good choice for an opener. The violin music, freeflowing and intense, contrasts colorfully with the rhythmically rich writing for winds and timpani.

Dawn Perlner '01 was outstanding as violin soloist, seeming to cope with the piece's complexities with ease, and maintaining a high state of tension. A student chamber ensemble led by Fred Harris put on a similarly superb performance, each player establishing a close rapport with the soloist and with the dynamically-exciting form of the score as a whole. There was a particularly striking solo from Rahul Sarathy '03 on trumpet.

Child's *Sonatina for Oboe* is one of his most concentrated works. The composer seems to want to take the oboe to its limits, and the work shows that the instrument can be both physically powerful and lyrically rhapsodic. The performance by Montreal oboist Theodore Baskin was astonishing, showing endless variety and illuminating every detail in Child's complex conception to gripping effect.

Bleak Light, four poems by John Hildebidle, is on the austere side, as its name suggests, but is revealing if you focus on the words. Child's

music to accompany Hildebidle's evocation of holiday time in deep winter matches the spirit of the poetry, with meaning leaping out of the score once you let the words connect with the music. Baritone David Ripley was a wonderful choice of singer for this work, his performance clear and evocative. Arlene Kies provided a virtuosic piano accompaniment.

The *Duo for Piano, Four Hands*, brilliantly-performed by Evan Hirsch and Sally Pinkas, is exhilarating in its fantastic complexity. After a snappy opening movement, the second movement slows to a point where it almost falls apart, and the soloists knew just how to get the right effect of time grinding to a halt, while keeping the piece in motion. On a number of occasions, one of the soloists reaches inside the piano to dampen the strings being struck by the other player, and the effect came across strongly without any hint of gimmickry.

Child's *Fantasia*, given its premiere Sunday afternoon, shows the composer once more exploring an instrument's special qualities and taking them to their limits. The harpsichord was put on display on this occasion, and Child exploited the instrument's brightness and quick-fire response to dazzling effect. There are elements of Bach toccata in this composition, and also some hypnotically repeating measures suggesting that we might be in for a session of Philip Glass. Child is just too inventive to let that happen, however, and the audience rapidly encounters a wide range of new ideas. The rag that turns up out of the blue is charming, and exploits the honky-tonk characteristic of the harpsichord's action in a deadpan way. Mark Kroll's performance had enormous zest and was delivered with striking precision.

I loved *Prayers from the Ark*, with which the concert came to an end. Child has chosen from poetry by Carmen Bernos de Gaszold in which Noah and his animal comrades on the ark offer up their prayers. The poems are narrated, and we get to hear the animals and their plaints in the music for flute, oboe, clarinet, bassoon, and horn.

The flute, beautifully played by Sue-Ellen

Hershman-Tcherepnin, flew evocatively to represent the lark. Jean Rife's rude horn effects conjured up the heavy, plodding ox. Agile clarinet playing by Bruce Creditor put on display the youthfulness of a foal which is going to have a hard time staying still aboard the ark. Theodore Baskin showed his astonishing skills at coloring the sound of his oboe once more with a mournful prayer for a glow-worm trying

to escape having too much light cast upon its lowly existence. A combination of winds allowed us to share the claustrophobia of the goldfish locked in its bowl.

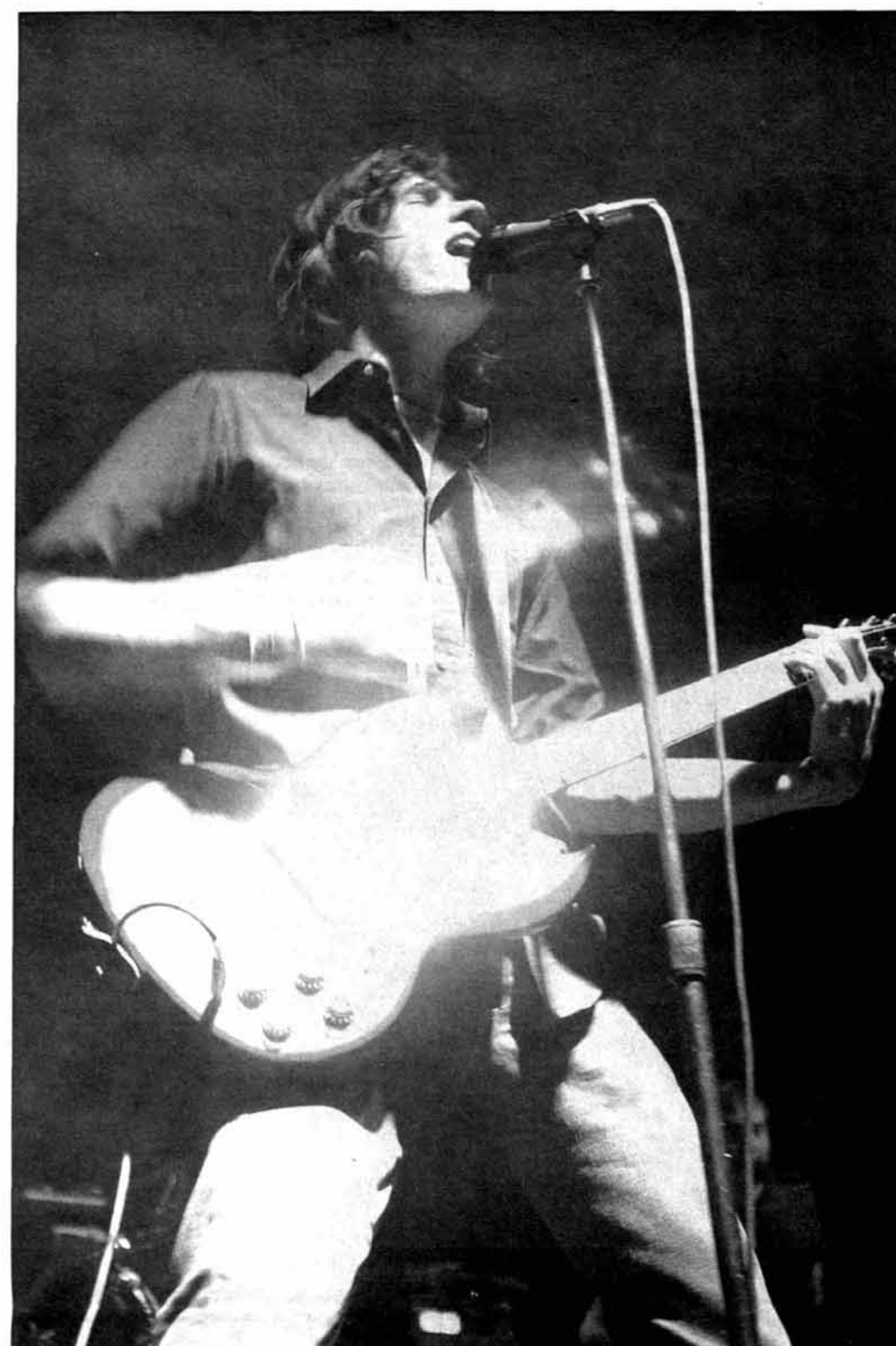
Alan Brody provided a crusty narration. He gave us the little pig grunts but — a couple of brief stumbles apart — endowed the whole work with a feeling of spirituality. Like so much of Child's work, this piece can seem like child's play on the outside, but is full of revelation to be found by those who listen for it.

The audience couldn't resist a little bit of child's play of its own as Peter Child came on stage and was rewarded with a well-earned, if not entirely harmonious, "Happy Birthday To You." May there be many happy returns.

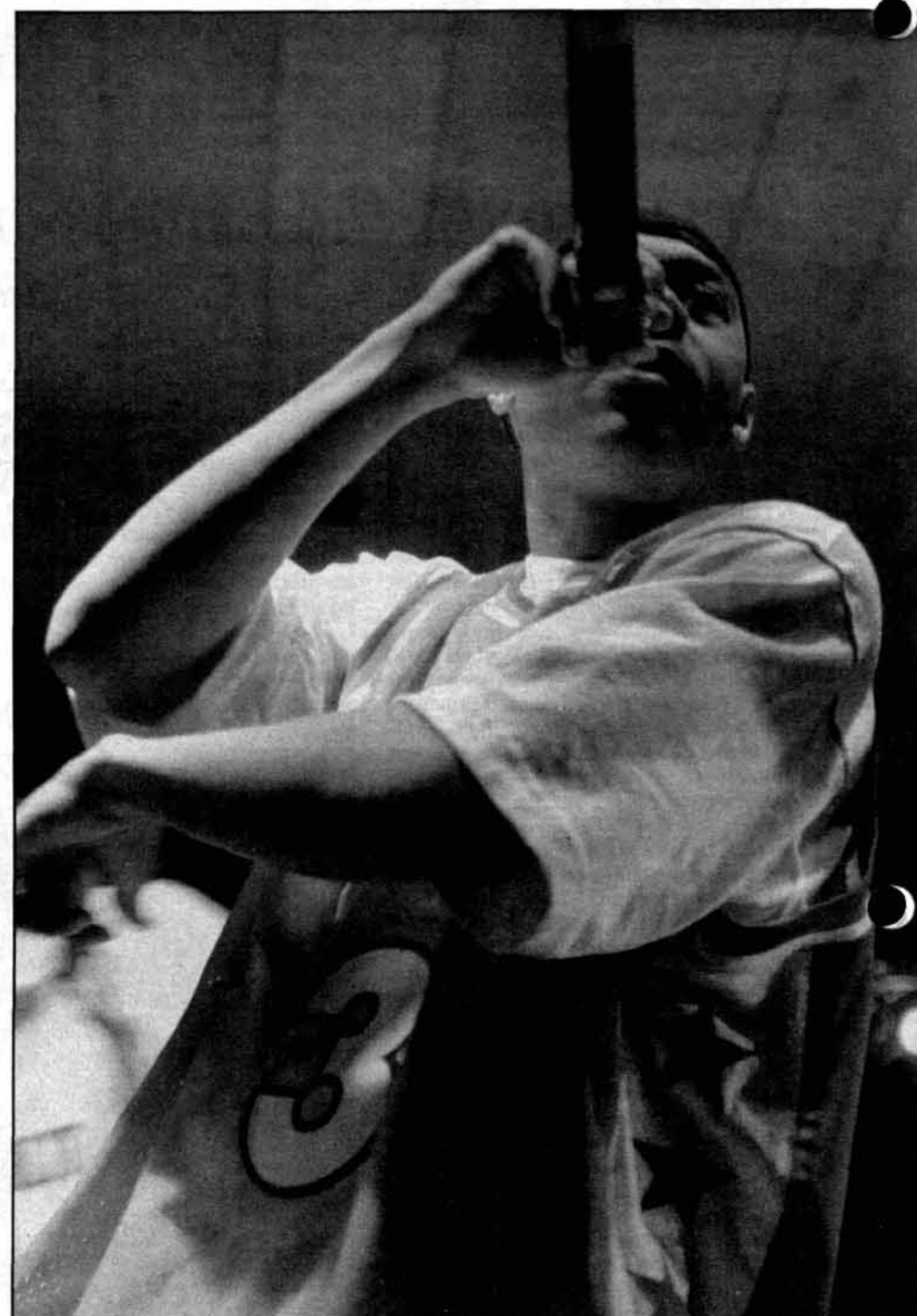


DONNA COVENEY—TECH TALK

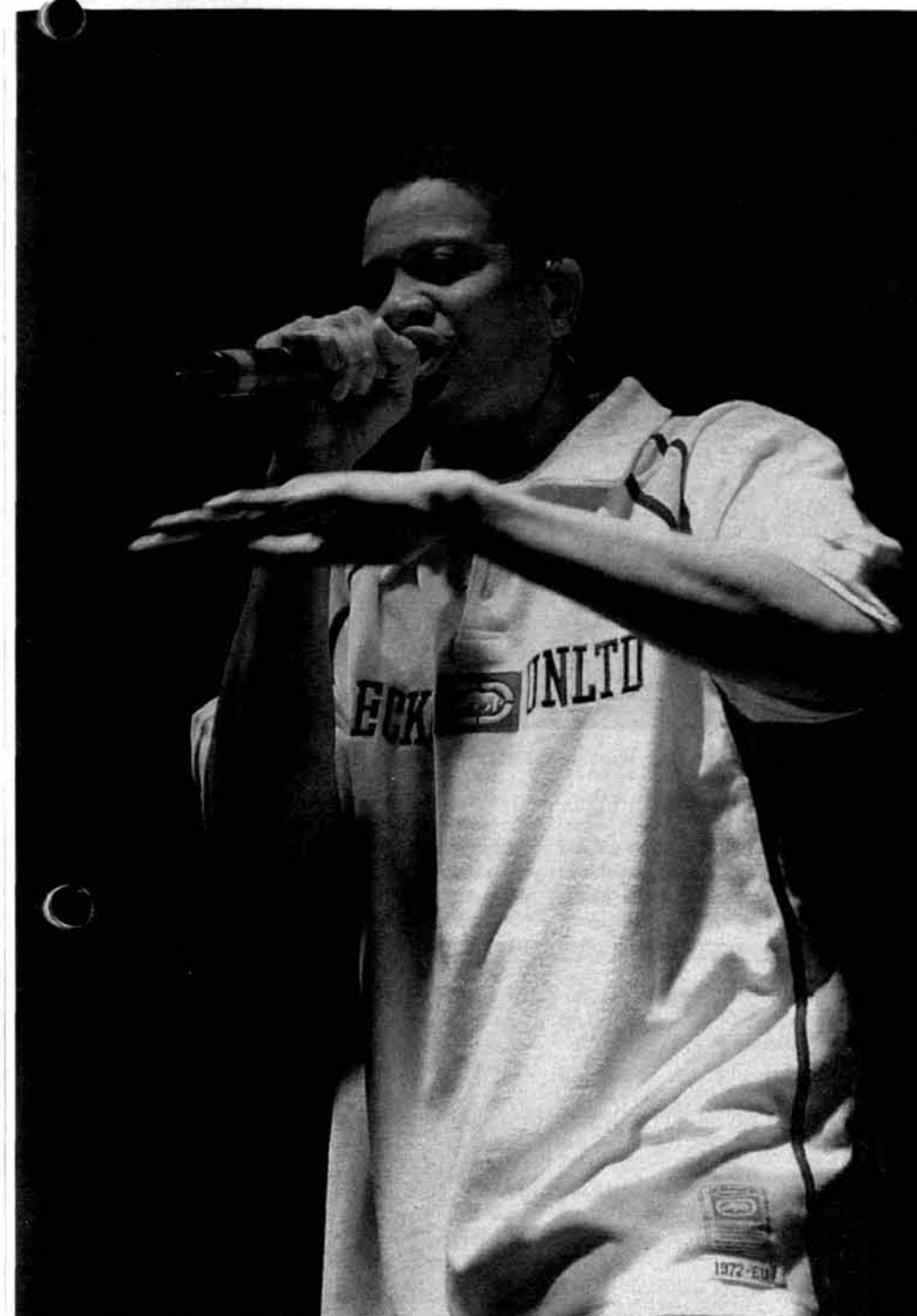
Professor Peter Child, recently named a MacVicar Fellow, received the best birthday present a composer could ever get on Sunday: a concert of his own music.



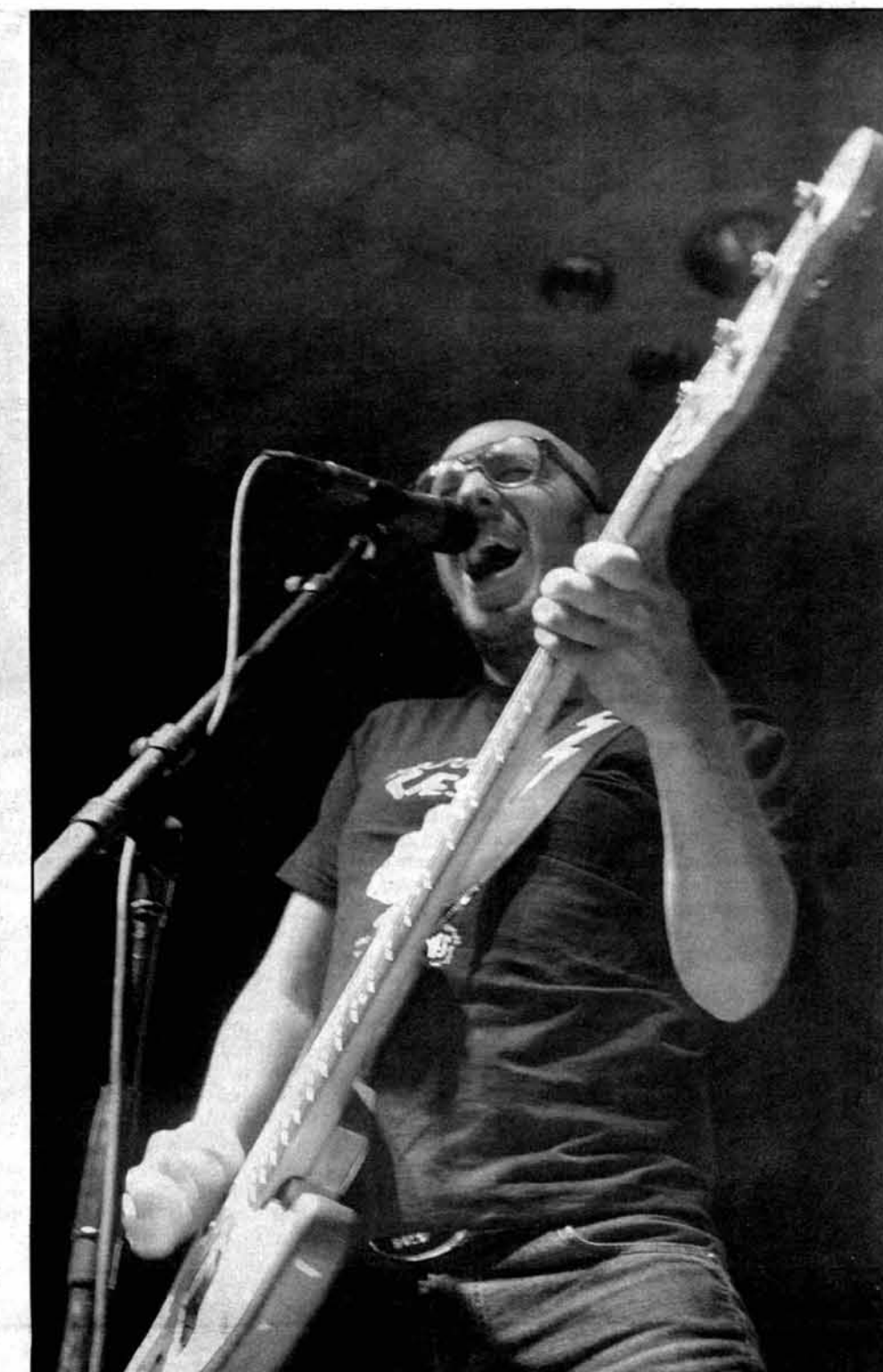
NATHAN COLLINS—THE TECH



NATHAN COLLINS—THE TECH

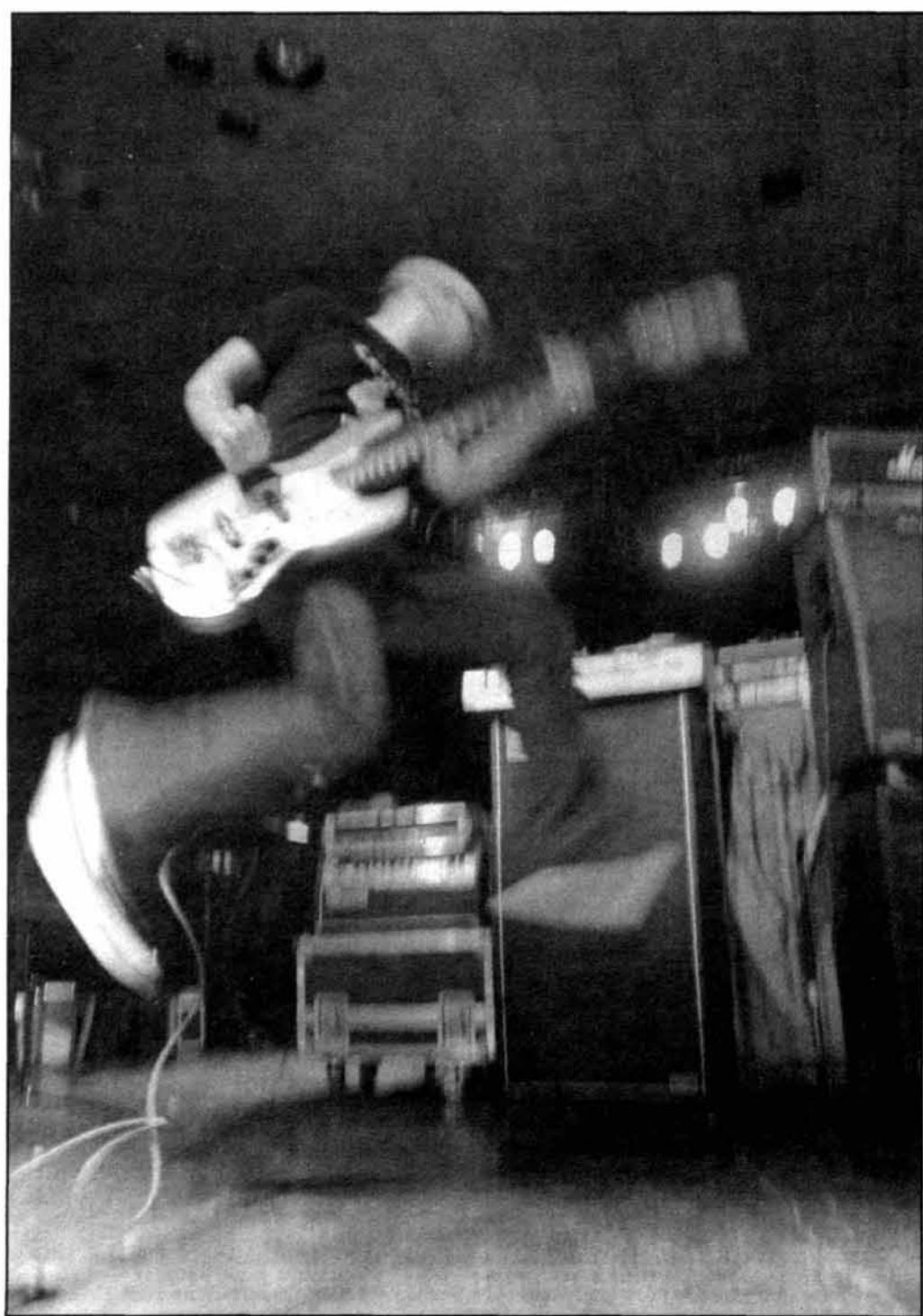


DMITRY PORINAGIN—THE TECH



NATHAN COLLINS—THE TECH

Spring Weekend 2003



NATHAN COLLINS—THE TECH



NATHAN COLLINS—THE TECH



NATHAN COLLINS—THE TECH

CONCERT REVIEW

Five Turntables and Four Microphones

Jurassic 5 Spins Out of Control At Spring Weekend Concert

By Brian Loux
ASSOCIATE FEATURES EDITOR
Jurassic 5
Johnson Athletic Center
April 26, 9 p.m.

I think OK Go's lead guitarist put it best: "When Jurassic 5 gets on the stage and tells people to clap, every last person claps." The show had so much power and electricity that the entire crowd was simply reacting to the music. Even OK Go's band members stayed for Jurassic 5's set as a show of respect.

And that's how the band wanted it. Every so often Chali 2na would call out to the people sitting in the Johnson seats and ask them if they were still awake. "They're just studying," commented Marc 7.

The group has tried its best to avoid pinning itself down into one category or another. Known for having no one fixed style of song, the MCs displayed their versatility by running a gamut of beats with hints of jazz, rock, rhythm and blues, and traditional rap. Though all were impressive, the group seemed to perform the faster paced and quick-lyriced songs with the greatest competence. Chali 2na especially seemed to love his solos where he would articulate the last few syllables after a slew of rapidly spit lines, to which the crowd almost always screamed in approval.

In between the MC songs were the two

DJs, Cut Chemist (clad in an MIT hooded sweatshirt) and Nu Mark doing their own version. Nu Mark played a song called "The Sounds of the Thirties," in which he took what appeared to be two sound boards with pegs and played with them as if he was scratching vinyl. Along with their five turntables was a modified school seat that became a musical instrument in Nu-Mark's hands.

J5 covered both of their CDs, the older *Quality Control* as well as *Power in Numbers*, occasionally plugging the latter as the concert wound down.

The only downside to the show was a rather mediocre and unimpressive lighting set. Sure, the disco ball was cute for two songs, but the lack of anything else interesting lightwise simply left it us with, well, colored lights.

But that really was not a problem. The show was a music show foremost.

To top off the show, Rahzel, fresh from Friday night's Get Sprung party, made a brief appearance right before the last song and did his own rendition of Ozzy Osbourne's "Ironman."

The show ended with the MCs sending out a brief message of peace, unity and respect for the music.

Jurassic 5 was flat out impressive. It certainly felt like the Johnson lights went up far too early.

See page 12 for interviews with Jurassic 5 and OK Go.

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| 1 | 2 | 3 | 4 |
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1: Damien Kulash of OK Go shines.

2: Marc 7 of Jurassic 5.

3: Chali 2na of Jurassic 5.

4, 5: Bassist Tim Nordwind of OK Go rocks out.

6: Jurassic 5 DJ Cut Chemist spins.

7: Two couples from the audience — including Michael A. Barrett '05 and Sheila A. Longo '05, right — dance as OK Go looks on.

The annual Spring Weekend concert took place last Saturday in Johnson Athletic Center. Rockers OK Go opened for hip hop band Jurassic 5.

INTERVIEW

Lots of Laughter with J5

Two DJs, Four MCs Discuss Music, Japan, and More

By Brian Loux

ASSOCIATE FEATURES EDITOR

It is probably the biggest insult ever that one of the most innovative hip-hop groups in the world was interviewed by one of the most tragically white men in America. But it happened, and I'm sorry.

The Tech: Why does a group with 6 members call itself J5?

Zaakir: The name was a joke. It started off as a joke ... we didn't know if we were going to be a group, number one, so a name was not the first thing on our mind. Then someone from outside the group mentioned the name as a joke and we liked it.

TT: You guys started in South Central LA. What's your opinion of them changing the name to South Los Angeles?

Marc 7: It's always gonna be South Central. As long as black people are there, it'll be south central. [Laughter] They've been trying to change the demographics of South Central for the longest time, like the place that I came from is now called Chesterfield.

Zaakir: really?

Marc 7: Yeah ... USC is in the hood. They would never tell you, but it's in the hood. University of South Central. [Laughter] I mean, they would block certain blocks off to accommodate the kids, but if you cross that street, then you're in the hood ... like don't go past Vermont. [Laughter]

TT: You guys started in 1993. How have you seen hip-hop change over the decade?

Zaakir: We all been seeing hip hop change from the beginning ... I remember when there was only three groups that was pumpin'. That was Run DMC, Fat Boyz, and Houdini. Then Cool J came along. And other groups could come in, but those were the only three groups that was pumpin' at the time.

TT: You all have toured in Japan before ...

Zaakir: What? You wanna know who got

SARS? [Laughter]

TT: ... but they have their own culture of hip-hop.

Nu Mark: They got everything that the west does. Like we went past this western bar once, and they had these cowboy hats and everything.

Zaakir: They do it like the States do it. And they more appreciative of it, too.

TT: So has your album sold well over there?

Zaakir: Yeah, pretty much.

Marc 7: We ain't Hasselhoff. David Hasselhoff is the man overseas.

TT: You used the Koto, or the small Japanese harp, in one of your songs. Was there a reason for that?

Nu Mark: We were trying to go to different places on earth without saying like, "Here we are in Japan" and "Here we are in Persia." And we wanted to touch on Japan. We had just come back from a tour in Japan. I had chopped this CD up into like 32 different sounds and we used that.

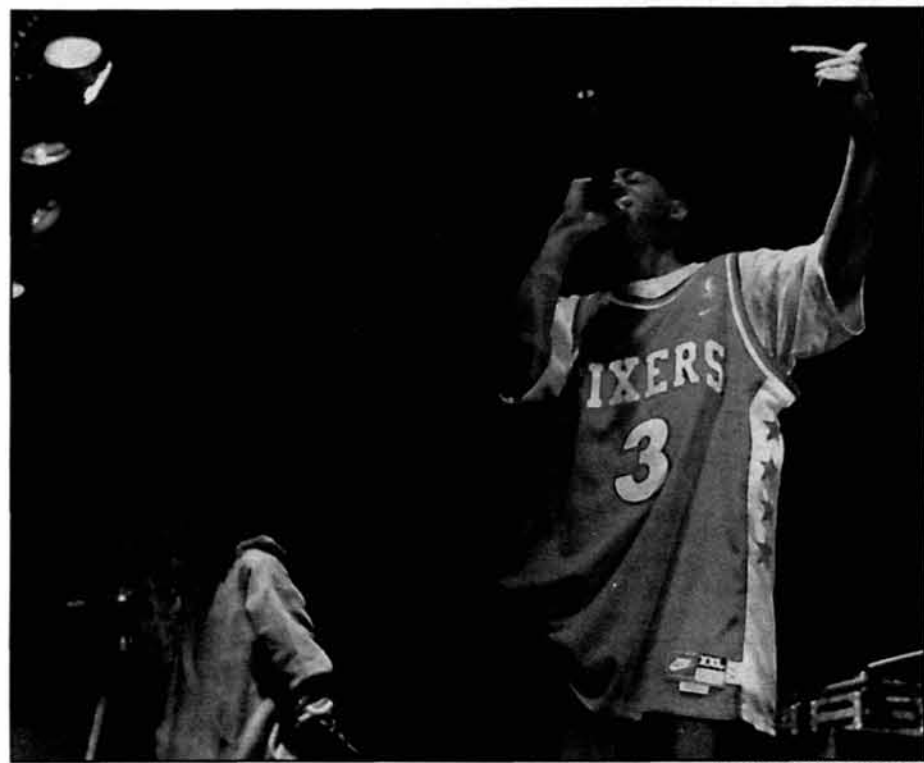
TT: How did you guys get involved with the Mastercard commercial?

Zaakir: They called our agent, our name came up, so we did it. It's simply trying to expand what J5 is trying to do. Expand the name of J5.

Nu Mark: It's also a good time to do that because the business is really taking a nose dive and getting a chance to intern is even harder now.

TT: You often do concerts that appeal to different genres and audiences. Do you all prefer to work with just a hip-hop crowd or are you more comfortable with the broader audience?

Zaakir: For me, I always wanna do the hip-hop crowd first cuz that's the type of music we do ... I always understand trying to go out and reach as many people as possible ... but I really want to touch my people first



NATHAN COLLINS—THE TECH

Akir and Marc 7, two of the four Jurassic 5 MCs, rap at last Saturday's Spring Weekend Concert.

and then branch out.

Akil: That's why we're trying to do a lot of these college tours before we do Lollapalooza this year ... it's us being on lock the whole summer, for two months.

TT: Is that the main reason that you often do college tours?

Zaakir: We definitely do well on the college circuit and when you look at the college radio charts, we always up at the top. And y'all pay well, too.

TT: A lot of the people are critical of the "bling bling" materialism of most hip hop. You all take a different style towards your lyrics.

Zaakir: See, I really think people make too much out of the bling bling and if you're not doin' it. I mean, if the beat's true, if it's good, then who really cares?

Akil: People try to make too much out of

the term underground and like, "well if you're underground, then you're like this, and you can't do that." And you know, that's just stupid.

Zaakir: Like, I hear people say, "I never liked anything by Puffy." And I'm saying what? I mean he worked with Biggie, Mary J. Blige, and you liked none of the stuff he did? I just can't believe that.

TT: There's still a big controversy about downloading music off the internet. As artists, what's your take on it and what should a responsible college student do?

Marc 7: To me, I download music, and I think others should as well. As far as artists go, we come out ahead ... I mean, the guy who downloads our song and likes it will probably go buy our album, or go to the concert, or buy a shirt while they're there. So it's beneficial to the artists, but not the producers.

INTERVIEW

On Your Mark, Get Set, OK Go

Band Talks About Fishsticks and Its MIT Heritage

By Brian Loux

ASSOCIATE FEATURES EDITOR

I walked into the Zesiger center room with the band members, chairs, tables, and papers all strewn about. The only thing that was still seemingly organized was the MIT food plate that had been given to them.

"Will this interview be played on the radio?" asked lead guitarist Damien Kulash.

"No," I said.

"Good," he replied.

FWRAAAP!

And, with one audible fart, Kulash set a juvenile tone that he would maintain for the rest of the interview.

I was going to enjoy this.

Damien Kulash: I want to tell you this right now because you may never have gotten this: Tim's grandfather was a professor of metallurgy here and my father got his undergraduate and I believe his PhD here. So we are an MIT fucking band ... So now you can ask us questions. Or you can ask about Tim's grandfather ... apparently he made this metal strengthening alloy that won him the Japanese equivalent of the Nobel Prize. My grandfathers were both heavy into science ... one discovered a species of beetle ... my other one invented the modern fishstick. I mean, here is the only part of the interview where I will not be lying. He was a biochemist working for General Foods, and he discovered the chemical by which you could stick together pieces of fish in a solution.

Tim Nordwind: I believe that's what George Lucas based the idea of carbon freezing on.

Kulash: And they gave him no credit.

Nordwind: Neither did the fishstick company.

The Tech: So Mark McGrath came here last year with Sugar Ray. Are you guys going to try to out-sexy him?

Kulash: That contest was over before it already began. I mean, that's all I'm going to say ... I have heard tell, somewhere in the ether, that Sugar Ray will be covering a great Jo Jackson song called "Is She Really Going Out with Him?" ... I think they're going to ruin it. I suspect they will be doing it for a movie ... possibly for *Shrek 2*. And I like *Shrek*. I would like to do a song for *Shrek*, but

I've heard different sources say different things. But I really don't wanna hear that awesome song done by them.

Nordwind: I have heard people say Mark McGrath is not sexy.

Kulash: I have heard people say that they were not impressed with Mark McGrath's sexiness or his basketball playing skills. Yet they were with ours. And we're not that good at basketball. So what I'm saying is this guy's easy to impress.

TT: About the movies: You guys have

our music for it to be used for the movie. So while I'm super-psyched for the movie, I'm embarrassed for the world.

TT: Was "Get Over It" based on the Eagles song of the same name?

Kulash: No, I didn't know there was one.

Nordwind: Somebody told us that.

Kulash: Even more, there was a straight to video movie called *Get Over It* and I was worried about that interfering.

TT: What classical bands do you think you take inspiration or style from?



NATHAN COLLINS—THE TECH

Tim Nordwind and Damien Kulash of OK Go rock at last Saturday's Spring Weekend Concert at Johnson Athletic Center.

your song "You're So Damn Hot" in "The Real Cancun." So are you guys fans of reality TV?

Kulash: No.

Nordwind: Yes.

Kulash: Well, it's disgusting, yet it's intriguing. For me, it's like ... chicken rings. Now onion rings make sense because they are already in rings, and I know I shouldn't be averse to foods in shapes because my grandfather was all about that. But look, chicken rings could not be good for you, but they may be interesting to eat ... like that, the voyeurism in reality television is attractive ... it's gonna be fun to watch, and I feel strong enough about

Kulash: Cheap Trick, Queen, David Bowie.

TT: English bands?

Kulash: Yeah. Well, Cheap Trick is American. But everybody takes from the Stones and the Beatles ... that late 70s powerpop and the early new wave. See, I think the term powerpop was overused and given a horrible connotation in the 90s as every Southern California band was given that term. But Elvis Costello, Jo Jackson, and even in some term KISS, that's what inspired us.

TT: When you think of any bands on the radio, many seem to be mixes of various genres.

Kulash: Well it's hard to see what things

are mixes nowadays. I think like Aerosmith and Run DMC is a mix, but then, what really about Shania Twain is a mix anymore? Or Creed? ... So I'm inclined to disagree with you there ... It all seems so similar to me that there are so many rock bands doing so many similar things that it's a breath of fresh air to hear when a band like the White Stripes gets through ... I think of radio rock as being more homogenized. The only really good thing about it is when kids get sick of it they have to look somewhere else.

TT: Damien, you were a semiotics major at Brown, analyzing popular culture. Now that you have reached a national stage, do you try to analyze your music that way?

Kulash: I think that actively is part of our music. You know, we try to be sure that we're not putting our academic theses into our music ... one thing that has never had any relation to school is that what I like about music the most is that it works on a purely emotional level. No matter how clever or witty or groundbreaking someone's lyrics or ideas are, people respond to music from the gut unsoiled by the trickery of human rationale. Something fucking feels great about it ... it can really just be a primal instinct ... It kinda saddens me to see that rock has become a more canonized form than it used to be ... Elvis really made people dance.

TT: You guys have been on tours in England before, how was that?

Kulash: It was great.

Nordwind: It feels to me that music was more embedded into their culture.

Kulash: They have more of a common culture. I mean, their TV has four or five channels. And back in the 60s, we would have all seen the same episode of *Gilligan's Island* ... I don't think that exists anymore. There are so many inlets into the mass culture that the unity is not there anymore.

Nordwind: The audiences were definitely just more vocal ... they would say things like, "I like this one!" or "I'm going to go get a beer!" and they would.

TT: What's your role with the radio show, "This American Life?"

Kulash: One of the best things made in America right now ... It's a documentary and literary show that just picks a theme ... it ranges from four or five segments or one long one and is as frivolous as summer camp or vague as amateurs and professionals and it always has the ability to make someone laugh or cry. It is crazily emotional and yet really intelligent ... it is like universally accessible and yet not pandering. It's the golden egg of making cultural products.

CD REVIEW

Madonna Finally Grows Up

'American Life' Is More Mother Than Material Girl

By Rahul Sarathy

American Life
Madonna
Warner Brothers
Released April 22

For the past twenty years, Madonna has been fueling the music industry with both her antics and her music. From her controversial escapades to her infamous book on sex, Madonna has constantly challenged the media and its conformist views. But, what happens when the Material Girl grows up? Gone are the tales of unbridled youth and sexual exploits, and in their places are stories told by a 44-year-old mother reflecting upon her past in her new album, *American Life*.

In her 10th album, Madonna takes creativity to the next level, expressing herself through musical modes varying from European Techno to Twangy Blues to Bubble-Gum Pop.

The album opens with a set of five songs, all modeled after the techno-pop that she experimented with during *Ray of Light*. Madonna herself calls the first three songs a trilogy, the later two being an extension of her first single, *American Life*. With veteran pro-

ducer and co-writer Mirwais Ahmadzai, Madonna questions the very ideals upon which the American Dream is based. However, her lyrics are often weak and even contradictory.

The second track, "Hollywood," is a bitter rant on the media industry and its moguls. Its chorus is based on a blues scale and serves as the thematic transition into "I'm So Stupid," a reflective look at her first 20 years in the biz. Musically, the songs are almost catchy, using innovative production techniques, but they are also responsible for the ever present grimaces of her fans which appear as they listen to Madonna try to rap. To put it bluntly, her rapping is terrible.

The middle part of the album takes us into a mellow world full of reflection. Here, the techno edge is gone and we instead see the softer side of lyricism, made up of undistorted vocals, a guitar and drums, and the occasional, fleeting string accompaniment. Hearing such a diva singing plainly, in her mezzo/alto range, is quite

liberating.

"Intervention" is quite possibly the best song Sheryl Crow never wrote and "X-Static Process" sounds like a reincarnation of the



Indigo Girls. These songs boast the most polished lyrics on the album and can at times be

even folksy. They are raw, untouched by production, and sound great. One highlight is the beautifully placed entrance of a gospel choir in "Nothing Fails," echoing the allure of "Like a Prayer." This is a new, more mature Madonna, comfortable with her life, looking back and singing about what matters to her now. And it works.

The end of the album jumps around the previous themes visited in her journey through Americana; it does so without interrupting the flow of her album, yet without bothering to make itself memorable. "Die Another Day" is flawlessly produced, but is a shameless song written for mass appeal and to fuel the latest Bond movie. An interesting twist is that this version contains a new ending, which is quite intelligently written. It serves as a good transition into the album's final track, "Easy Ride," which is just an experiment asking the age-old question: How terrible would it sound if strings played in a techno song?

Yes, critics do cry out that every few years Madonna simply reinvents herself and that alone allows her to stay on the Billboard charts and to keep tapping the proverbial cash cow. While they do have a point, nearly everyone will agree that her level of fame is unprecedented and unmatched. Madonna has become an icon in music; aspiring artists and their managers study her past to try to emulate her eclectic style and persona, modeling their careers upon Madonna's. Her latest album, *American Life*, is certainly not the best of her career, but it is nothing to be ashamed of. She went for something new, and at times, it is absolutely wonderful.

MTG Has a 'Clue' About Whodunit Musical

Right: Colonel Mustard (Edmund W. Golaski '99), left, Mrs. White (Tanis O'Connor '02), behind, Mrs. Peacock (Stephanie Cavagnaro-Wong '06), right, and Miss Scarlet (Welkin Pope G), far right, try to confuse The Detective's (Nori Pritchard '06), center, investigation on the murder of Mr. Boddy.

Below right: The Detective finds herself questioned by Professor Plum (Alan Meisler '92).

Below: Stephanie Cavagnaro-Wong '06 plays Mrs. Peacock who has a history of dead husbands including the recently murdered Mr. Boddy. The Musical Theatre Guild's production of *Clue: The Musical* opened last weekend. Remaining performances are this Thursday, Friday, and Saturday at 8 p.m. in Kresge Little Theater.

Photography by Wan Yusof Wan Morshidi



INTERVIEW / FILM REVIEW ★★★

Politics and Personality

John Malkovich Talks About His New Film, 'The Dancer Upstairs'

By Robin Hauck

The Dancer Upstairs

Directed by John Malkovich

Written by Nicholas Shakespeare (from his novel)

Produced by John Malkovich

and Lianne Halfon

Starring Javier Bardem, Laura Morante and Juan Diego Botto

John Malkovich's new film, *The Dancer Upstairs*, is a fictionalized account of the quest to capture Abimael Guzman, the leader of Sendero Luminoso (*The Shining Path*), a Peruvian guerilla group. Based on the novel by Nicholas Shakespeare, *The Dancer Upstairs* tells the story of an honest policeman assigned by very corrupt officials to find the notorious terrorist. I met with Malkovich recently and asked him about the film.

Wearing a grey suit with a candy-colored vest underneath, Malkovich seemed relaxed and eager to expand on his experience. Though this was his first feature as director/producer (he does not appear in the film), he stressed that moving from acting to directing was natural. "I started directing when I started acting," he said. "I don't think like an actor, I think like a filmmaker. When I consider a project, I don't think of it strictly from an actor's perspective."

Malkovich explained that when he and his partners at Mr. Mudd Productions began thinking seriously about adapting the novel, they decided it would make the most sense if he directed. He downplays the notion that this film is a calculated directorial debut or that he is radically changing his career.

In fact, he has always kept his career radical. In 1976 he co-founded the independent Steppenwolf Theater Company in Chicago, which continues to thrive today. As a film actor he chooses roles that challenge the audience — the icy Vicomte de Valmont in *Dan-*

gerous Liaisons and "himself" in *Being John Malkovich* are two of my favorites. His production company, Mr. Mudd, produced the cult-fave *Ghost World* and *How to Draw a Bunny*, with artists Chuck Close and Roy Lichtenstein.

The Dancer Upstairs dances between political thriller, detective noir and romantic drama. It is often hard to follow — characters are introduced and dismissed before we really know who they are, and scenes are often juxtaposed without a sense of flow or narrative progress. Many scenes take place in darkness.

Malkovich says the construction was very carefully planned. "Everything is a decision in storytelling," he said. "Although most films don't make those decisions thoughtfully, we did. We tried to reveal the characters as they go along. For instance, we kept in secondary characters that usually always get cut from films. They fill in the picture of the main character's life. Lots of life is boring, washing dishes, but you don't see that in films."

He mentions a conscious decision not to make a film like *My Dinner With Andre*, which he admires. The novel has an "as told to" structure and the film could have emulated that approach more than it did. Malkovich says he decided to tell the story in a more linear way, but without being too linear — without the "shortcuts" he says sabotage most movies today.

Malkovich said he spent time in Latin America during Peruvian President Fujimori's crackdown on terrorism, and felt Shakespeare's novel captured the chaotic and fearful atmosphere he experienced while there. One of the strengths of the film is its depiction of the gradual realizations the policeman Rejas (Javier Bardem) comes to while he is pursuing the terrorist — known as President Ezequiel. He sees a photograph of Ezequiel and realizes he took it. He goes to the village where he grew up and finds that the villagers he knew as a child have been indoctrinated by the revo-

lutionary's teachings.

Violence erupts in the city. Dead dogs hang from lampposts dangling notes written in blood. Chickens walk into crowded squares with sticks of dynamite around their necks. A theater troupe murders political officials sitting in the audience.

But this is not politics, Malkovich says, but a narrative in political context. Rejas falls in love with his daughter's ballet teacher, and the relationship evolves parallel to the hunt for Ezequiel.

"Films don't do political science."

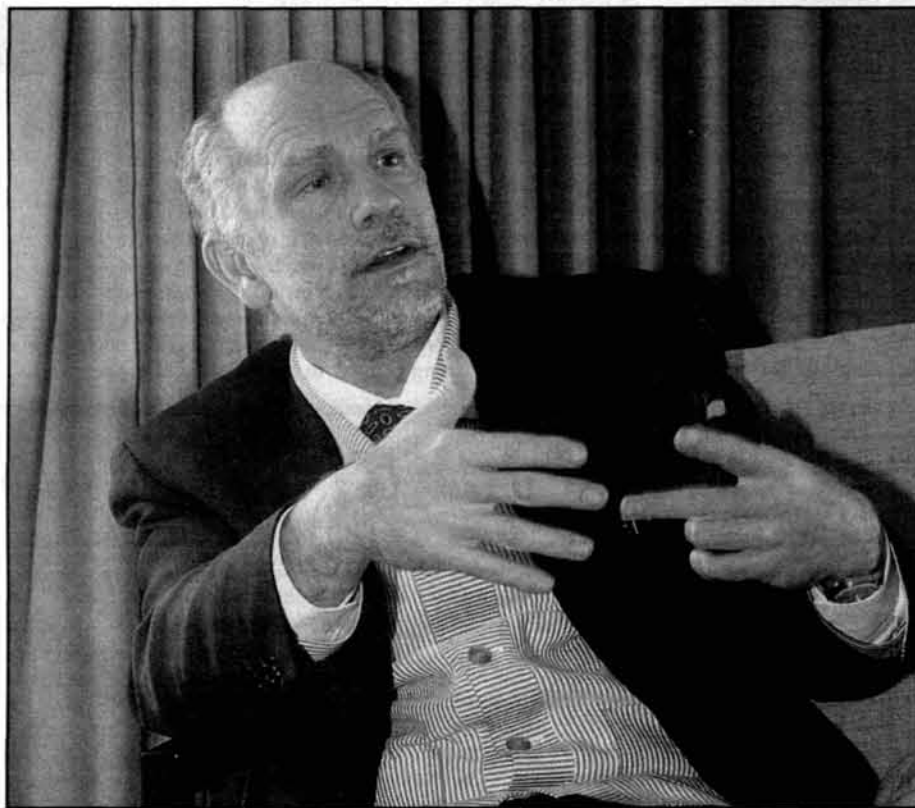
Malkovich explains. "This story is personal. Politics is mostly personal. There's worldwide confusion as to what is political and what is personal. How can you separate your politics from your personal beliefs?"

At this I called him a feminist — "the personal is political!" — and he chuckled. "I've read more Simone de Beauvoir than most feminists."

I like John Malkovich, I really do.

Much has been made of the fact that this film was made before September 11 and that a story about terrorism could be risky with American audiences — either drawing them in as Fox Searchlight is hoping, or scaring them off. Malkovich shrugs off the concern, again focusing on the personal story. "What was the cult of personality that surrounded Guzman?" he asks. He's betting that people will be more interested in that story and in the strong performances of his cast.

I hope he's right.



BRIAN HEMOND—THE TECH

Actor and director John Malkovich talks about his latest film, *The Dancer Upstairs*.

The Sloan Subject Prioritization System Bidding Dates for Fall, 2003 Classes

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Leave password field blank, create new password under 'Personal Information'

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Closes 3:00 p.m., Tuesday, September 2

Waitlists for closed Sloan classes are part of the Course Bidding System, beginning in Round II.

Successful bids appear on your Registration Form on September 2 and will be posted on the bidding website as of July 16 -- write down your password to check results!

Previous Payment Agreement With City Was Informal

Payments, from Page 1

MIT Office of Government and Community Relations, said that the "real catalyst [for the agreement] was the purchase of Tech Square." Gallop said that MIT depends on the revenue generated by renting Technology Square and it would not be financially feasible to remove the property from Institute's commercial portfolio and thus from the city's tax rolls. Any property moved to tax-exempt status must be used for academic purposes.

However, the city and other groups don't know what MIT's position on the property is, Gallop said. The agreement is designed to allay concerns that the MIT will move the property to its tax-exempt portfolio.

Gallop would not discuss the specifics of the negotiations, citing a confidentiality agreement with the city.

Previous agreement informal

MIT has made payments to the city on a voluntary basis prior to this agreement; last year the Institute paid \$1.164 million in lieu of taxes. Payments in previous years were based on an informal agreement that

calculated the payment amount on the square footage of MIT's tax-exempt land and grew by 2.5 percent per year, Gallop said.

MIT is not legally obligated to pay taxes to the city and has not previously signed any agreements related to taxes. "Nobody wants to give up their legal rights," Healy said.

City Councillor Brian Murphy, who serves on the council's finance and university relations committees, said that "MIT recognized that this was a different situation." The agreement will allow the Institute to preserve its right to convert property to tax-exempt status while giving the city assurances of steady tax revenue, Murphy said.

Harvard signed agreement in 1990

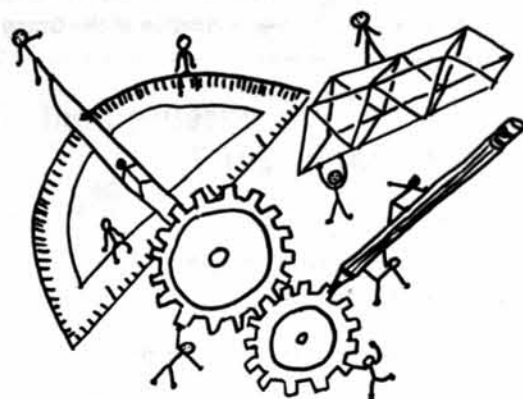
In 1990, Harvard signed an agreement with Cambridge that is similar to the one MIT will sign. That agreement came about as part of the settlement of a dispute over Harvard's treatment of housing for

its affiliates, Healy said. By contrast, MIT is entering into the new agreement voluntarily.

Harvard also recently signed an in lieu of taxes agreement with the city of Watertown. That agreement guarantees Watertown \$3.8 million dollars in tax revenue on a 30-acre tract of land that Harvard purchased.

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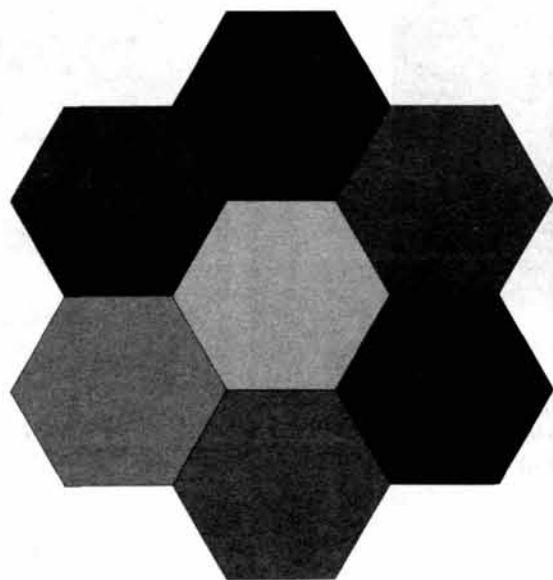


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EAPS Tea Time Funded by Endowment from Green

Green, from Page 1

year, when I last visited him," Vest said.

Green money pays for tea time

Part of Green's donations pay for a daily tea time in the EAPS lounge.

Green and his wife enabled the Institute to build the Green Building, the tallest building on campus, "with the understanding that it be used according to the good judgement of Dr. Robert R. Shrock for the benefit of education in the Earth Sciences," according to a 1954 letter from the Greens.

Shrock, then the head of the department, later instructed that the interest on the endowment be used "to defray the Earth Science Lounge expenses incurred in having the daily afternoon tea-coffee break for the [geology and meteorology departments] and for regular teas" before seminars.

Daily tea time is still a fixture in the Green Building.

"It's a nice break," said John Politan, an administrative officer in the

EAPS department. "It's unique. ... Everyone really looks forward to it."

Green started Texas Instruments

After receiving both an SB and an SM in electrical engineering in 1924, Green worked as an engineer for several electronics companies, tried to start a business selling neon signs in Canada, and answered job ads of all sorts.

Green finally accepted a position at Geophysical Service Inc. in 1930. Eleven years later, he and three partners bought the company, which at the time was a subsidiary of Corona Corporation.

In 1951 the company was renamed Texas Instruments Inc. Green served as its president from 1951 to 1955. He retired in 1975.

He and his wife spent many of their later years giving away the money they had earned.

"Green Buildings to support science are found at MIT, Stanford, Oxford, The Universities of British Columbia, Texas, Sidney, at the National Academy of Science, and at many other institutions," Vest said.



Cecil H. Green '23 speaks at the dedication of the Green Building in 1964.

MIT NEWS OFFICE

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Committee Considers Revamping Advising

By Nathan Collins
EDITOR IN CHIEF

If ideas still forming in the collective mind of two faculty committees become reality, an undergraduate could choose a set of advisers to work with throughout the four years of an MIT education.

"The details are not at all clear," said Professor Kip V. Hodges, chair of the Committee on the Undergraduate Program, but the CUP and the Committee on Student Life are drafting suggestions on how to improve upperclassman advising that Hodges said he hopes will be adopted in the next academic year.

One proposal would allow students to play a role in selecting advisers, possibly including teaching assistants and associate advisers, and keeping those advisers to help smooth the transition from freshman advising to departmental-based advising. "I'd like to see a more formal network" of such advisers developed, Hodges said. "Instead of losing that network [after freshman year] you add another person," the departmental adviser.

Other possibilities include providing more academic information to departmental advisers and better career advice.

Hodges said that improving information access through an improved Web site has aided freshman advisers. It would be useful to "ramp that up" to upperclassmen, he said. Such information would help in catching academic problems early and in coordinating responses. "Something like the fifth week flag would have helped" with one of his past advisees, Hodges said.

Better career advising may also be in the works. As students come closer to graduating, career advice becomes more important, but "sometimes that transition is a little rough."

Advising a 'two-way street'

Dean for Undergraduate Education Robert P. Redwine said that there are faculty issues as well. "Faculty are in the position of having to make choices about their time," he said. He said that spending time on research is important for junior faculty trying to get tenure, but spending time on students will become more important. "As an institution we've been moving in that direction," he said.

Advising is a "two-way street," Hodges said, and students and faculty have to work to make advising work.

Hodges said that some students

may not need active advising, but "you'd like to create an environment [where] they feel well served." The question, he said, "is what are the minimum set of things" students and advisers should expect of each other. He pointed to a 1995 Baker Foundation report, now part of the Academic Guide for Undergraduates, that lists such expectations but said that report lacks important implementation guidelines.

The CSL and the CUP started considering mentoring and advising changes last year after faculty became concerned that upperclassman advising "was perhaps not as effective across the Institute as it could be," Hodges said. Both he and Redwine said that advising in some departments was good, but across departments some deficiencies were apparent.

"Some departments did a good job and some did not," Redwine said. Large departments generally seemed to have more trouble, though department size was not the sole predictor, he said. "CUP has been concerned for a couple years."

A study conducted by a subcommittee of the Undergraduate Association in March 2001 asked students to rate the quality of advising in their departments. Electrical Engineering and Computer Science, Economics, Ocean Engineering, and Brain and Cognitive Sciences received lower than average ratings.

Anne M. Hunter, the administrator of EECS's undergraduate program, said that she thought her department's advising was good.

Hodges said he hopes to complete draft suggestions sometime this summer in order to inform

next year's decisions.

Students unsure about proposals

Students interviewed yesterday were generally tepid about whether the proposals would be useful. Marc D. Strauss '05 said that ideally a student would keep a freshman adviser for all four years of study, but that choosing one's advisers might end up excluding some professors from the process.

Mara S. David '04 said that "maybe a situation where students ... are encouraged to see their advisers more than just on Add

Date" would be helpful.

Several students did not think the transition between freshman and upperclass advising was a problem. "I didn't think [the break] was a big deal," said Ousi J. Fakhouri '04. He said that the idea of a committee of advisers "doesn't sound very feasible."

Bruno A. Sugai '05 said while he would probably not take advantage of the proposed changes, some people would.

"I think there should be more career advice," said Monica F. Morrison '04.

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Solution to Crossword

from page 7

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FRANK DABEK—THE TECH
President Charles M. Vest (left) and Cambridge Mayor Michael Sullivan (right) do some shoveling at the ceremonial groundbreaking for the Picower Center for Learning and Memory. Barbara and Jeffry Picower (center) donated \$50 million through the Picower Foundation towards the new center.



JINA KIM—THE TECH
Kappa Alpha Theta's 2006 pledge class poses at the end of "When You're Good to Mama" in Alpha Chi Omega's annual Lip Sync held last Friday in Kresge Auditorium.

Ad



Age 7, 1982



Age 18, 1993

Elizabeth Suto.

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Logs Handling Costs Of Recording Studio

Studio, from Page 1

and restrict non-Logs groups to no more than a month of free recording time every two years. Groups would have to pay for further access.

The proposed terms would also require groups to indemnify the Logarithms against copyright infringement — that is, to hire a lawyer to defend the Logs and pay any damages in the event the Logs are sued for copyright infringement. It was not immediately clear whether the groups would make these guarantees personally, or whom the Logarithms would have to sue to enforce the clause.

Groups that agree to the proposed terms of access would also promise to disregard any future decision by the Association of Student Activities to reallocate the studio room, 50-301, to all of the groups, agreeing that nonetheless only the Logs would have "unrestricted access to the room."

Logs paid for studio

The Logs have so far footed all of the \$34,000 bill for the studio, which has room for five singers. Part of the funds came from a \$10,000 interest-free six-month loan from the Undergraduate Association last December.

Several groups say they expected the Logs to allow them to buy in to an equal partnership in running the studio when they agreed to give up their joint office space to allow the Logs to be allocated the studio room last fall.

"The plan is that [the Chorallaries] will be throwing in as an equal partner," said Ross I. Runnion '04, the president of the Chorallaries, in an interview with *The Tech* in late March. The Chorallaries expected to reimburse the Logs \$4,000 to \$5,000 for the partnership, he said then.

But the Logs did not, in the end, offer the other groups the opportunity to reimburse their expenses in exchange for partnership. Instead, they have so far offered limited time allocations and fees for extra use to the other groups.

Some groups complain that this was not the deal they agreed to in giving up their space and not how the Logs represented their intentions.

In a UA bill he submitted to give the Logs the \$10,000 loan last December, UA councilor and Logarithms member Mark A. Sellmyer '04 wrote in the bill's preamble, "The other a cappella groups on campus support the Logs in building a recording studio and have agreed to cede control of some office space to allow the Logs to build the studio provided that they will eventually be able to use [sic] the studio." The bill passed unanimously with one abstention.

UA President Josiah D. Seale '03 said the proposed contract did not agree with his recollection of how the Logarithms represented their intentions. "I don't recall them mentioning ownership or fees of this sort," he said.

But, he said, the fees were not necessarily improper. "The UA loaned money to the Logs and they'll be paying it back," he said. "In that sense I can see them want-

ng to charge."

ASA declines to intervene

Although the debate concerns the use of space the ASA has allocated to Logarithms, "the ASA will not step in unless the issue becomes such that an arbitrator needs to step in," said Jennifer S. Yoon '03, the ASA president until May 1.

"What the ASA knows is that the a capella groups are pretty much handling this in-house," she said.

One group member criticized Yoon for a conflict of interest in her involvement with the Logs and the studio. For coursework, Yoon is working on a documentary about the Logarithms.

"It's completely outside what I do for ASA," Yoon said. "I do follow them around, but it's not like I'm a Log on any level."

"It's a lot like when a photographer follows a group around taking pictures," she said. "I was limited to following them on gigs" and some rehearsals, she said. "Anytime that it was sort of sensitive," she was barred access, she said, and "when it comes to how the group works, I haven't been involved."

Yoon said she was completely uninvolved in the Logs' administrative decisions and that in her three years working for the ASA, she had remained "to the best of my abilities objective and impartial."

Logs not inconsistent, ASA says

Efforts to figure out what was said at the ASA space-allocation meeting last fall, when the a capella groups agreed to give up their office space, have been frustrated by the loss of notes taken at the meeting.

Yoon said that Kathryn M. Walter '05, the incoming ASA president, had taken notes at the meeting, but that the notes were not typed up because the meeting was not an official ASA meeting. Walter would not confirm she had taken notes at the meeting, but said the notes were not archived or available.

But both Walter and Yoon said they could not recall any statements by the Logs at the meeting — or otherwise — that would contradict the Logs' current position.

Yoon said she received a first draft of the Logs' proposal in early April and that the ASA had concerns about the clause requiring groups to disregard a future ASA reallocation assigning the space to all groups. "That is actually one of the concerns that the ASA has on that particular issue," she said.

Yoon said the Logarithms seeking to license use of their recording studio was not unheard of among MIT student groups. E33 Productions, another ASA-recognized student group, charges other student groups fees for its theater production services, she said. She also cited *The Tech*, which has ASA-designated office space and sells advertisements to other student groups.

"There is multi-thousands of dollars of equipment sitting in this room, and given the history of security in Walker offices, I can understand why the Logarithms, having invested so much in equipment," would want groups to sign this contract, she said.

Yom Hashoah • April 29, 2003 • 27 Nisan 5763

Annual Holocaust Remembrance Day for the MIT Community Presented by MIT Hillel

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Tuesday, April 29



Please join us as we commemorate the Holocaust in a day of reflection and hope. Dora Sorell, author and Holocaust survivor, will speak about her experiences surviving the Nazi death camps, and will explain the importance of passing her story on to different generations, including her granddaughter (MIT '04).

Featuring

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| Readings of Names | 10 am-3 pm | Lobby 10 |
| Photo exhibit | 10 am-3 pm | Lobby 10 |
| Memorial Service and Reflections from Holocaust survivor, Dora Sorell | 5 pm | MIT Chapel |

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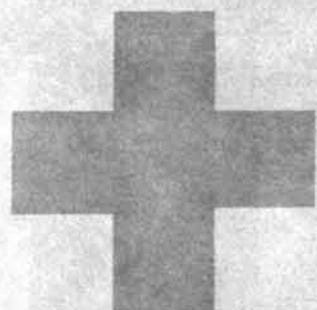


Kelly Koskelin '03 concentrates on her next move in her tennis match against Skidmore last Saturday. MIT won 5-4. JINA KIM—THE TECH



Matthew B. Greytak '04 catches a disc in the end zone as teammate Benjie Chen G (right) looks on. MIT Ultimate won Sunday's scrimmage against Harvard University 15-13. Both teams will compete this weekend in Regionals, a 16 team tournament that sends its top three teams to the National Championships. The MIT Men's Ultimate team is seeded 10th for Regionals, which will be held May 3 and 4 in Amherst, MA. JACOB FABER

Blood Drive



Tuesday, April 29
Thursday, May 1
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Wednesday, April 30
10:00a.m. - 4:00p.m.

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MIT Department of FACILITIES CAMPUS CONSTRUCTION UPDATE

N10
Approximately 10 parking spots will be taken out of service in Lot N10 for up to 8 weeks to allow the installation of large underground chilled water pipes. The piping installation will start shortly after the removal of the existing attendant's booth and two to three trees. The trees will be removed during the excavation for the pipe and replaced upon the completion of the pipe installation.

Brain and cognitive sciences project
Two trees near Building 45 are scheduled to be removed on April 28. Traffic to Albany Garage will be rerouted to N10 Annex lot beginning this week. Demolition of Building 45 is scheduled to begin this week.

Stata Center
Carbon filters have been installed in Building 36 air intakes. Detention pond and landscape work is underway between the Alumni Pool and Buildings 56 and 16. Odor and dust control is in effect.

Vassar Streetscape
Continuing work to install concrete sidewalks along the south side of Vassar Street may cause minor traffic and pedestrian delays. Trees removed as part of the new security/landscape enhancement project will be replaced with new trees as well as added landscaping, irrigation, teak benches, new lighting, and sidewalks. All major crosswalks and driveways are accessible; crosswalks will occasionally shift as work progresses.

MDC Memorial Drive Rehabilitation Project
The MDC will hold a public meeting on Thursday, May 1, at 7 p.m. in the Brown living room at McCormick Hall to discuss the proposed landscape design of the park area that is part of this project.

NECCO Building Conversion
Construction of the parking garage has begun. Steel sheeting is being installed around the perimeter of the new garage and some additional rooftop equipment is being installed.

For information on MIT's building program, see <http://web.mit.edu/evolving>
This information provided by the MIT Department of Facilities.

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