

## Students Debate World Bank with Wolfensohn

By Vicky Hsu  
STAFF REPORTER

James D. Wolfensohn, President of the World Bank, met with a group of twenty students for an hour-long forum before Commencement last Friday.

"This is a conversation that Mr. Wolfensohn has agreed to in light of

the issues that students have raised about the nature of the Bank and about Mr. Wolfensohn giving the commencement speech," said Chancellor Phillip M. Clay PhD '75, the moderator of the forum.

During the forum, student participants raised questions about the World Bank's record on issues of

race, gender, and human and labor rights.

Wolfensohn defended the Bank. "A single characterization of the institution is just inaccurate," he said.

### Worries about Bank rules

Brice Smith G questioned

Wolfensohn about the World Bank's voting system and governing rules, specifically asking about "the fair amount of racism in the World Bank, how the 'one dollar, one vote' rule marginalizes the developing countries, and secret board meetings." Smith said current Harvard President Lawrence H. Summers' joking about polluting Africa for profit was such an example of racism.

Wolfensohn acknowledged the voting rule, which gives nations with larger economies more influence over the Bank's actions, but said the criticism was ill-founded. "I spent seven years at the Bank trying to make the rule as irrelevant as possible," he said. "Not once has a bill come down to a counting of votes."

"I won't fight for a change in the voting system. This is because a) I don't think I can win it, and b) I don't think it matters," he said.

Wolfensohn called racism in the World Bank "a preposterous idea."

"Be careful, because this is attacking real people," he said. "There are 11,000 people representing 140 nationalities who work for the World Bank. The World Bank may make mistakes and get it wrong, but the quality of people and their efforts to make a difference cannot be wiped away."

## Rain Fails To Soak Spirits of Graduates

By Jessica A. Zaman  
STAFF REPORTER

Last week's Commencement ceremony proved that there is a force even MIT students cannot harness: the will of Mother Nature.

Last Friday's forecast featured an ominous "chance of light showers." Unfortunately luck was not with the graduates and only toward the end of the ceremony did the cold, drizzling rain subside.

But the cold and bleak conditions did not dampen the optimistic spirit of the momentous occasion too badly. Stephen D. Immerman, director of external services, said that about 12,000 people attended Commencement.

The general tone of commencement was also quite optimistic, considering the tragedy of last September 11 and the current strife in the global community.

Commencement speaker James D. Wolfensohn, president of the World Bank, encouraged graduates to change the world. "You have been trained to make the world a better place," Wolfensohn said.

Service to the local and global community was a dominant theme throughout commencement.

Guests were treated to authentic Boston weather — the wet and cold treatment. Audience members made the best of the situation, however. Most welcomed the plastic ponchos distributed by MIT Commencement staff.



AARON D. MIHALIK—THE TECH

President of the World Bank James D. Wolfensohn meets with students before Commencement.

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## Incoming Freshman Number Fewer Than in Past

By Jeffrey Greenbaum  
STAFF REPORTER

This fall, 985 students will arrive at MIT as the Class of 2006. This number exceeds the target of 980 chosen for dormitory decrowding purposes by only five students.

The Class of 2006 will contain approximately 30 fewer members than the Class of 2005, but the num-

ber of women matriculating is greater than it was for the Class of 2005.

Fifty-seven percent of those accepted as part of the Class of 2006 have chosen to enroll. The matriculation rate is down by only one percentage point from last year. The decrease "should relieve crowding in the dorms," said Dean of Admissions Marilee Jones.

The percentage of women in the incoming class has increased from 41 percent to 43 percent. Because "the Class of '06 will be smaller, with a higher percentage of females, [this] might affect the choice of living groups," Jones said.

Although fully thirteen percent of the incoming class hails from

California, the Class of 2006 has representatives from 48 of the 50 states, up from 46 last year. Only Idaho and Kentucky are not represented. Ten percent of the class will come from New York, followed by eight percent from Massachusetts and six percent each from Texas

Class of 2006, Page 12

## Royer Speaks on Athletics Construction and Reform

By Helena Kadyszewski  
SPORTS EDITOR

In a recent speech to the MIT Club of Boston, Director of Athletics Candace L. Royer talked about the ongoing work on the Zesiger Sports and Fitness Center and the reorganization of the department of athletics, physical education, and recreation.

Royer said she is hopeful that the new facility, scheduled to open later this year, will greatly raise awareness of MIT athletics. "MIT sports is one of the best kept secrets I know of," she told the attendees. "I can't tell you how many times someone has said, 'Oh, I didn't know MIT even had an athletics program.' I bet in a year or two I won't have to deal with that."

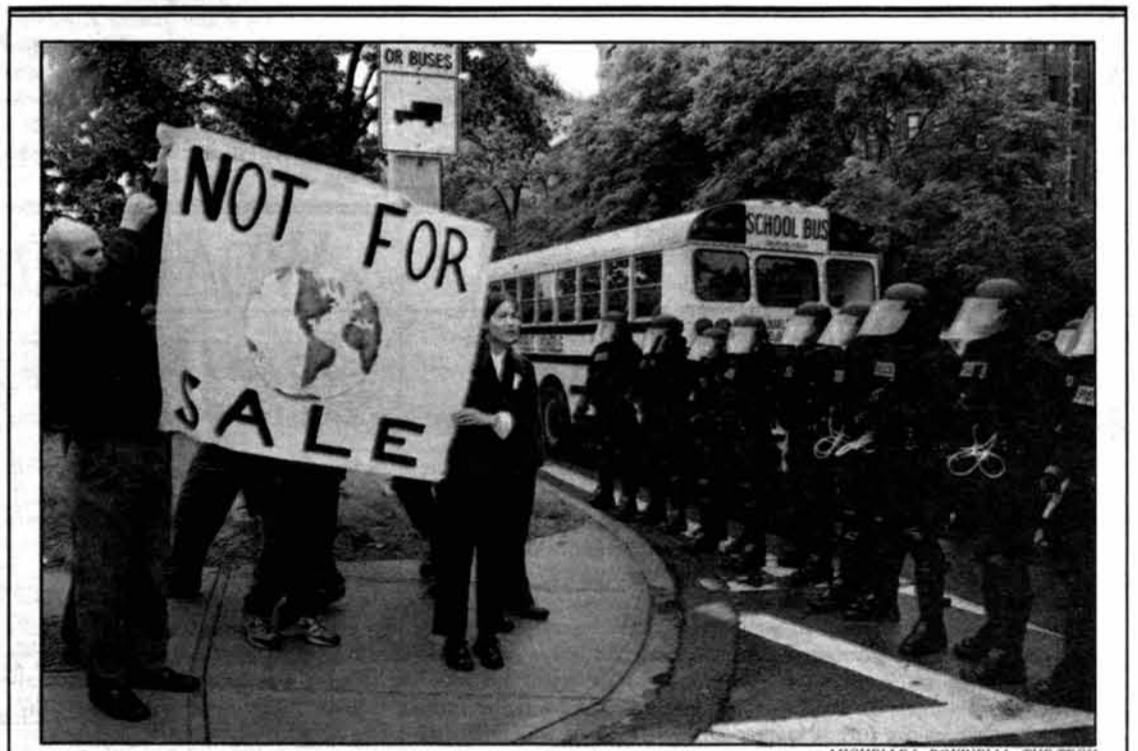
Royer said that the 125,000-square-foot Zesiger Center will

offer both teams and recreational users many new opportunities.

"For the first time, our varsity swimming and diving teams will be able to practice on campus," she said. "With 28 lanes, even during their practices, we will have open lanes for recreational swimmers."

The Center, which has been under construction since October 2000, will include an Olympic-size 50-meter pool, seating for 450 spectators, a training pool, and an 11,000-square-foot fitness center. A 5,000-square-foot court facility will provide space for volleyball, aerobics, recreational basketball, and squash. The Center will also include a 3,700-square-foot sports medicine area, administrative offices, and locker rooms.

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MICHELLE L. POVINELLI—THE TECH

Anti-World Bank protesters faced off with riot police on Memorial Drive outside the Commencement ceremony Friday.



**ARTS**  
River Rave  
2K2 draws  
30,000 music  
fans.  
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The Tech will publish monthly during the summer and daily during Orientation. Regular Tuesday-Friday publication will resume on Friday, September 6.

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# WORLD & NATION

## Administration Proposes Relaxing Clean Air Act Rules for Industry

LOS ANGELES TIMES

In an overhaul of the Clean Air Act, the Bush administration proposed Thursday to relax rules that require a host of industries to strengthen pollution controls whenever they build new plants or expand old ones.

The changes, announced by Environmental Protection Agency Administrator Christine Todd Whitman, have been long sought by power companies, chemical companies, paper mill operators, and other major industries.

The EPA's proposed revision of the so-called new source review program reflects concerns by businesses that the program is often difficult to interpret and creates uncertainty and costly delays. Those drawbacks sometimes impede plant upgrades, including use of energy efficient equipment, Whitman said.

Critics charge the EPA proposals give polluters too many breaks and are a product of intense political lobbying by industry representatives who worked last year with Vice President Dick Cheney to draft the administration's national energy plan.

## Padilla Attended Mosque With Alleged Terrorism Link

LOS ANGELES TIMES

FORT LAUDERDALE, FLA.

Jose Padilla, the American accused of plotting with al-Qaida to set off a radiation-dispersal bomb, frequented a Florida mosque whose spiritual leader worked for an Islamic charity suspected of helping finance terrorism, local Muslim leaders said Thursday.

Padilla, now under arrest in a U.S. Navy brig, is accused of plotting to detonate a "dirty bomb" capable of spewing radiation across an American city. During the 1990s, when he lived in Florida, he attended Al-Iman Mosque here while Raed M. Awad was the imam, members of South Florida Islamic community said.

Awad, a 42-year-old Palestinian immigrant, was the chief fundraiser in Florida for the Texas-based Holy Land Foundation for Relief & Development, whose premises were raided and assets frozen by the U.S. government in December.

Padilla also took classes on the Koran and precepts of the Islamic faith at the Darul Uloom (House of Knowledge) Institute, an Islamic studies center in Pembroke Pines, Fla. Its principal, Maulana Shafayat Mohamed, said the young convert might have been pushed toward a more intolerant strain of his new religion through contacts with Arab Muslims.

## Weather Brings Some Help, But Colorado Blaze Still Rages

LOS ANGELES TIMES

DENVER

The weather finally cooperated with crews battling a 100,000-acre wildfire south of Denver. Pilots attacked the blaze from the air, using borrowed military tankers, while nearly 1,000 firefighters made a stand on the ground Thursday, backed by long lines of fire engines.

"Things have been pretty quiet today. For the first time, they were able to get on it," said Pam Devore of the U.S. Forest Service. It was the first day that firefighters were placed on the northern end of the fire, which had been burning out of control.

Even as they offered some good news, fire officials told beleaguered evacuees that it could take as long as three months to contain the fire, the largest in Colorado history.

The Hayman fire is now twenty miles long and fourteen miles wide, spreading north from Lake George about 80 miles southwest of Denver, burning to the city's southern suburbs. More than 6,000 residents have been evacuated and thousands more remain on alert.

# Bishops Told Restoring Trust Will Require Drastic Change

By Edward Walsh  
THE WASHINGTON POST

DALLAS

The nation's Roman Catholic bishops were bluntly told Thursday that they bear primary responsibility for the sex abuse scandal that's gripping their church and that regaining the trust of Catholics will require fundamental changes in their methods and style of leadership of the church.

In three extraordinary speeches opening a meeting of the U.S. Conference of Catholic Bishops, the conference's president and two prominent Catholic intellectuals described the 300 assembled bishops as arrogant and aloof and warned that the future of the church in the United States depended on their willingness to share authority with Catholic laypeople.

The bishops also listened intently, some with tears in their eyes, as four victims of sexual abuse by priests related their stories and asked the bishops to adopt the toughest possible "zero tolerance" policy toward sexual abuse of minors.

On Thursday afternoon and into the night the bishops debated that policy in closed meetings. A draft policy crafted by a special commit-

tee of the conference called for zero tolerance for any sexual abuse of minors by priests in the future, but left open the possibility of an exception for some priests guilty of only one case of abuse in the past.

That approach has been sharply criticized by many of the victims who are in Dallas this week and appeared to be a key point of dispute among the bishops themselves.

At a news conference this evening, Bishop Wilton Gregory of Belleville, Ill., the president of the bishops conference, said that in the closed meeting "the bishops spoke very frankly about their anger, their fears, their disappointments, their hopes. We asked each other very candid, direct questions. I think we were quite honest with each other."

While the bishops debated the policy in private, it was their own "accountability" for the scandal that was the dominating theme of Thursday's opening public session. Gregory offered his "most profound apology" to the victims of abuse and their families on behalf of all the bishops.

"We are the ones," Gregory repeated four times as he told the bishops that it was they who allowed abusive priests to remain in

their ministries, failed to report their crimes to civil authorities, worried more about the effects of a scandal than preventing future abuse and sometimes responded to victims and their families as adversaries.

"The crisis, in truth, is about a profound loss of confidence by the faithful in our leadership as shepherds because of our failures in addressing the crime of sexual abuse of children and young people by priests and church personnel," he said.

The toughest speech was delivered by Scott Appleby, a senior fellow at the Joan B. Kroc Institute for International Peace Studies at the University of Notre Dame. He told the bishops that their apologies wouldn't be heard until they were willing to "name the protection of abusive priests for what it is — a sin, born of the arrogance of power."

Both Appleby and Margaret O'Brien Steinfels, editor of the influential Catholic magazine *Commonweal*, also urged the bishops to begin sharing their power with Catholic laypeople and suggested that they pay less attention to the dictates of church authorities in Rome.

# Chinese Police Push S. Korean Envoys, Detain Asylum Seeker

By John Pomfret  
THE WASHINGTON POST

BEIJING

Chinese police pushed and punched six South Korean diplomats in front of the South Korean consulate Thursday and dragged away a North Korean asylum seeker whose thirteen-year-old son made it to safety inside, witnesses said.

The scuffle, during which one South Korean diplomat was slugged in the mouth, marked a significant escalation of a simmering three-month-old crisis that began on March 14 when North Koreans, seeking food and protection, began breaking into diplomatic missions around China and demanding passage to South Korea.

The violence underscored the

stakes in this standoff for Beijing, Pyongyang, Seoul, and the Korean peninsula as a whole.

All the players are aware that the fall of communism in Eastern Europe was precipitated when Hungary allowed tens of thousands of East German refugees to flow into the west in 1989, and none seems to support a similar change in North Korea. So far, China has allowed only 38 North Koreans to leave China for South Korea via third countries, so "the scale is vastly different" from what happened in Hungary, noted Nicholas Eberstadt, a North Korean expert at the American Enterprise Institute.

"But the issue is the same," he added. "North Korea's government stays in power because it controls

three things: movement, food, and ideas. If you lose control of people's movement, you lose control of food and ideas as well."

China in recent weeks has toughened its policy, moving from a nod and wink at the trickle of North Koreans leaving China to what seems to portend confrontation. The government in Beijing demanded for the first time on May 28 that South Korea turn over North Korean asylum-seekers harbored in its consulate.

At the same time, China wrapped its diplomatic districts with barbed wire and dotted them with roadblocks to prevent would-be asylum-seekers from getting into diplomatic compounds. But the number of asylum seekers in Beijing's diplomatic missions nevertheless has grown.

# WEATHER

## Where Is Summer?

By Nikki Privé  
STAFF METEOROLOGIST

Cool, rainy conditions in Boston earlier this week were the result of winds from the relatively cold ocean. In contrast, New York and Washington D.C. experienced temperatures near 90°F (32°C). A trough will settle in over the Great Lakes today and will keep temperatures down and maintain the possibility of showers throughout the weekend. When will summery weather return? The forecast for Boston for the next ten days calls for cooler than normal temperatures and greater than normal precipitation. The forecast for the end of the month is for near normal temperatures but above average precipitation.

Much of the eastern half of the country will share these trends, with cooler temperatures during June across the Midwest and East Coast. The northwestern states and Alaska, on the other hand, will experience warmer than normal temperatures. Although the East Coast and Southeast are anticipated to have greater than normal precipitation, Alaska and the northern Plains states are likely to have lower than average precipitation.

### Forecast

**Today:** Cloudy with chance of showers in the afternoon, high in the low 60s (16°C).

**Tonight:** Chilly and rainy, with fog. Lows around 50°F (10°C).

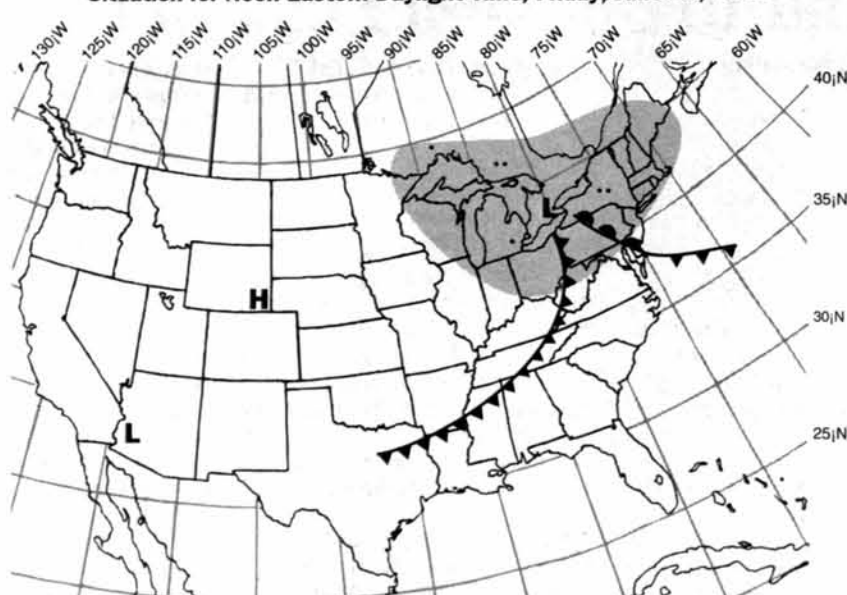
**Saturday:** Rain, highs in the low 60s (16°C). Rain ending overnight, lows in the mid 50s (13°C).

**Sunday:** Cloudy, chance of rain, highs in the upper 60s (20°C).

**Monday:** Partly cloudy, warmer, highs in the low 70s (23°C).

**Extended forecast:** Cloudy, chance of showers mid-week, highs in the mid 70s (24°C), lows near 60° (16°C).

Situation for Noon Eastern Daylight Time, Friday, June 14, 2002



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow *	Fog
L Low Pressure	- - - Warm Front	Light Rain ▽	Thunderstorm
§ Hurricane	▲▲▲ Cold Front	Moderate **	Haze
	▲▲ Stationary Front	Heavy ***	

Compiled by MIT Meteorology Staff and The Tech

# Assembly Elects Hamid Karzai As Transitional Head of State

By Pamela Constable

THE WASHINGTON POST

KABUL, AFGHANISTAN

Hamid Karzai, the ethnic Pashtun leader who has led Afghanistan's interim administration for the past six months, was overwhelmingly elected Thursday night by a national assembly to become transitional head of state for the next eighteen months to two years.

Karzai, 44, received 1,295 of a possible 1,575 votes cast by members of the assembly, known as a *loya jirga*. The assembly had been widely expected to elect him after his main potential rival, former Afghan king Mohammed Zahir Shah, repeatedly endorsed Karzai over the past several days.

Two last-minute challengers — Masooda Jalal, a physician and women's activist; and Mir Mahfooz Nedahi, a scientist and deputy government minister — won 171 and 89 votes respectively after announcing their candidacies at the *loya jirga* Thursday morning.

"It is a great honor for me that you, my brothers and sisters, have trusted me to run the government in transition," Karzai told the cheering delegates immediately after the vote was announced. "I am a humble servant of God, and I am at the service of development and Islam for Afghanistan."

During the next several days, the *loya jirga* delegates must choose the heads of parliament and the supreme court, form a transitional parliament, and elect its members. Under a plan mandated by the United Nations, the transitional government must take office by June 22 and serve until elections are held late next year.

An especially sensitive task also awaits Karzai, who must quickly select a cabinet that satisfies all ethnic groups and reduces the power of rival officials in key ministries without undermining their support for his new government.

Karzai was named to head an interim coalition government last

December at a U.N. conference in Bonn after the collapse of the Taliban. Foreign observers here, including U.S. officials, had suggested Karzai's continuation in power would be the best guarantee of stability for Afghanistan as it recovers from years of war, civil conflict and religious repression.

Although Karzai had earned praise both at home and abroad for his efforts to unify and rebuild the nation during the past six months, however, it was not clear until now how broad a popular mandate he could muster in a country long riven by bitter ethnic feuds.

But as the *loya jirga* approached, Karzai increasingly emerged as the most logical candidate. His victory seemed virtually assured earlier this week after Zahir Shah, 87, ended a groundswell of support for his return to power by strongly endorsing Karzai, and key members of the Tajik ethnic group reached a private power-sharing deal for the transitional government.

# Moussaoui Permitted to Defend Himself in Upcoming Terror Trial

By Tom Jackman

THE WASHINGTON POST

A federal judge ruled Thursday that Zacarias Moussaoui is mentally competent to fire his court-appointed attorneys and defend himself in the only trial in the United States related to the Sept. 11 attacks.

The decision by U.S. District Judge Leonie Brinkema set up a difficult defense for Moussaoui, who will not have access to classified or sensitive material and will not be able to interview witnesses from his jail cell in Alexandria, Va.

But despite repeated warnings from Brinkema, who called his decision "unwise," Moussaoui said that he fully understands "the U.S. system of justice" and that he wanted to proceed without an attorney.

"My life is at risk, and I will never compromise it," Moussaoui said. "This life is very precious to me. It's given by God. And I'm not going to, to play with this."

Moussaoui, 34, could face the death penalty if convicted, but said Thursday — hinting strongly at his defense — that he has information that would compel either the judge or the government to release him immediately. "Now that I'm potentially my own lawyer," Moussaoui said, "I would like to know if it's

possible to apply to the court for immediate release."

Brinkema deferred the question, but Moussaoui said later during the 80-minute hearing in Alexandria that he had "physical evidence that the government was monitoring my movements.... The government knew I was not in contact with these people who are supposed to have done the hijacking."

Moussaoui said he could explain his innocence in ten minutes of testimony, but Brinkema said that Thursday's hearing wasn't the place. Moussaoui already has filed a number of pre-trial motions, which are sealed, and the judge gave him until June 24 to file any more. Brinkema also said she would unseal Moussaoui's filings unless the lawyers in the case object.

Authorities declined to comment publicly on Moussaoui's accusations that the government "has following me since I entered the United States of America [in February 2001], and they were engaged in an undercover operation against me and potentially the nineteen hijackers." But one FBI official said Moussaoui "first came to our attention at the flight school in Minnesota last August."

Moussaoui also said his residence in London was raided by

British authorities in 1998, but he did not explain the significance of that assertion.

Frank W. Dunham Jr., the federal public defender leading Moussaoui's team, and other defense attorneys said they had not seen or heard of the evidence Moussaoui claimed would set him free. Edward B. MacMahon Jr., one of the attorneys, told the judge that Moussaoui was "very proud of the fact that none of his attorneys know his theory of the case or know what his defense is."

Moussaoui, a French citizen of Moroccan descent, is charged with conspiring with Osama bin Laden and the nineteen hijackers to carry out the Sept. 11 plot. The indictment does not allege that he had contact with the hijackers. Jury selection is scheduled for late September.

In contrast to the April hearing during which Moussaoui first asked to fire his attorneys, Thursday's proceedings were more on point. Moussaoui, speaking calmly in English and without the diatribes that marked the last appearance — in which he called for the destruction of the United States and Israel — maintained that his defense attorneys were conspiring with the government to kill him.

# Astronomers Discover Solar System Similar to Our Own Piece of Universe

By Usha Lee McFarling

LOS ANGELES TIMES

Astronomers searching for worlds around distant stars announced the discovery Thursday of the first Earthlike solar system, boosting hopes that there are other habitable spots in the universe.

"One of the big questions in science is, 'Are we alone?'" said Anne Kinney, who directs the astronomy and physics division at the National Aeronautics and Space Administration headquarters. This "brings us one step closer to answering that."

While scientists did not find an Earth, they found a close cousin: a Jupiter. It is the first planet scientists have found with a roughly circular orbit that is a healthy distance from its star, like many of Earth's neighbors.

"It's got the smell of our own solar system," said Geoff Marcy, the University of California, Berkeley astronomer who leads the planet hunting team. "In a sense this

solar system is a missing link."

Since the first extrasolar planet was discovered seven years ago, 91 have been discovered. But many have been so odd — many times the size of Jupiter, so close to their suns they'd be permanently scorched or on wild, elliptical orbits — scientists began to wonder if our home solar system was unique. It looks like it is not.

The planet, a gas giant known as 55 Cnc d, circles around the star 55 Cancri located about 41 light years from Earth. The middle-aged star is about the same size as our sun and is visible to the naked eye.

The new planet is about four times the size of Jupiter and is about the same distance from its sun as Jupiter is from ours. While that planet looks comfortably familiar, the solar system also contains some strange elements: two other large planets hundreds of times larger than Earth that circle very close to the sun.

Those oddities carry the "wacky

stink of some of the strange solar systems we've been finding over the past few years," Marcy said. They underscore that while Earth's orderly solar system is no longer unique, neither is it the norm.

Finding planets is difficult work. They are not visible, even to the powerful Hubble Space Telescope, because they give off only a faint glow of reflected light, light that is imperceptible in the glare coming from the stars they circle.

Instead, Marcy's team detects planets using a sensitive technique that measures the slight wobble of stars caused by the gravitational yank of stars circling them.

The technique has a bias that explains why most findings so far have been of big, close-in planets — "oddballs" that are easiest to find because they perturb their stars the most. The smallest planet discovered so far, one of 14 others also announced Thursday, is about half the size of Saturn or 40 times the size of Earth.

# Bush Cautions Against Speculation on Mideast Time Line

THE WASHINGTON POST

WASHINGTON

President Bush said Thursday that he discussed the possible formation of a provisional Palestinian state in talks with the foreign minister of Saudi Arabia, but he warned against speculation that he would adopt it, or any other specific proposal, in the next phase of his Middle East peacemaking efforts.

Bush said he would "lay out my vision at some point in time," while declining to provide any hint of what that vision would include or when he would reveal it. "I think it's probably wise for people not to spend a lot of time speculating."

But apparent contradictions and ambiguities among recent statements by Bush and his White House aides, Secretary of State Colin Powell, and Middle East and European leaders seemed likely to inflame speculation.

At a meeting of foreign ministers of the Group of Eight industrialized nations in British Columbia Thursday, Powell refused to be drawn into further comments on the provisional state idea, saying all would be revealed "in due course."

Meanwhile, Egypt, widely thought to have been the proximate proponent of the idea that a state could be quickly declared on the shrinking portion of the West Bank and Gaza Strip controlled by the Palestinian Authority, pending final agreement over borders at a later date, said it did not support such a proposal. And Israel, thought to be adamantly opposed to any early statehood declaration, provisional or otherwise, appeared willing to consider it under certain circumstances.

# India Considers Military Pullback

THE WASHINGTON POST

NEW DELHI, INDIA

India is considering the withdrawal of some fighter aircraft and ground troops from its border with Pakistan, possibly within the next several weeks, if it sees further evidence that Pakistan is ending its support for Islamic militants in Kashmir, a senior government official said Thursday.

At the same time, the official said, there's general recognition in the Indian government that although Pakistan's president, Gen. Pervez Musharraf, has pledged to cut off the flow of militants moving from Pakistan's portion of the divided region into India's, he doesn't exercise total control over them. As a consequence, India will not automatically respond to a terrorist attack inside its borders by striking at targets in Pakistan, the official said.

"If we see Pakistan is making sincere attempts at implementing what it has committed, if that is happening, then if there is a violent incident in Jammu and Kashmir, we won't have a knee-jerk reaction to that," the official said. "Then we can say, 'No, no, no, Pakistan is cooperating in turning off the taps.'"

The official said, however, that India would not relax its military posture in Kashmir itself, where hundreds of thousands of Indian soldiers are deployed along the line that separates them from Pakistani forces, until after state elections there in the fall.

# Imclone's CEO Testifies About Timing of FDA Rejection

LOS ANGELES TIMES

WASHINGTON

The brother of former ImClone Systems CEO Samuel D. Waksal testified Thursday that he phoned Waksal with bad news about the company's flagship product the day before family members began dumping shares in allegedly illegal insider trading.

Harlan W. Waksal, who replaced his older brother as ImClone's CEO last month, told lawmakers he informed Samuel Waksal on Dec. 26, 2001, that the Food and Drug Administration was about to reject the company's application to market a widely touted experimental cancer drug. By the time the rejection was announced publicly two days later, causing the share price to plummet and outside investors to suffer big losses, Waksal family members had sold \$10 million worth of stock.

The younger Waksal's testimony appeared to corroborate key elements of the government's criminal case against Samuel Waksal, who was arrested Wednesday by FBI agents on eight charges of securities fraud, conspiracy and perjury.

Appearing before the committee shortly before his younger brother, Samuel Waksal declined to answer lawmakers' questions, asserting his constitutional right to avoid self-incrimination.

# Lawmakers Vow Quick Action On Homeland Security Department

THE WASHINGTON POST

WASHINGTON

Congressional leaders outlined an ambitious legislative schedule Thursday to enact President Bush's government reorganization plan, vowing to create a Homeland Security Department by Sept. 11.

House and Senate leaders established separate procedures for handling the administration's proposal, whose details may arrive on Capitol Hill as early as next week. The Senate will simply amend a bill recently approved by the Governmental Affairs Committee, but the House will assign several established committees — plus a new leadership panel — to conduct hearings on the plan, key members said.

The creation of a massive new federal agency presents a major challenge to lawmakers, who have feuded over far less ambitious legislative proposals this year. Republican and Democratic leaders will have to bridge ideological differences while resolving jurisdictional battles within their own caucuses.

In a joint press release Thursday, House Speaker Dennis Hastert (R-Ill.) and House Minority Leader Dick Gephardt (D-Mo.) expressed confidence they could complete their work by the anniversary of the terrorist attacks that killed more than 3,000 people.

"The speaker and I stand ready to work with the White House and the Senate in a bipartisan way to get this bill done by September 11," Gephardt said.

# OPINION

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"What a coincidence! This is what I made my last year as a CEO."

## Letters To The Editor

### Lack of Appreciation Of Victims' Feelings

In the dissent in the Friday, June 7 issue of *The Tech* ["Higher Standards for Campus Discipline"], Kevin R. Lang, Brian Loux, and Kris Schnee write: "... *The Tech* states, correctly, that the embarrassing nature of the crime causes victims to remain silent. Such an accusation of the plaintiff's lack of desire to follow through

with the case paints that person in a strictly selfish light."

The logic here is facile, unworthy and, bluntly, frightening. Sexual assault is not a test of character nor so simple a thing as to be merely "embarrassing." For many victims of sexual assault, the priority is to keep their head above water. Overwhelming feelings of shame, fear, and powerlessness are far and away more immediate concerns. This is true, to a lesser extent, for most every form of victimization but is at the very nature of sex-

ual assault.

The three authors throw around the term "burden of proof" with little regard for what the phrase actually means. In cases of sexual assault, it is a burden far greater than any one person should be asked to handle. Short-sighted policies designed solely to minimize administrative burdens maximize personal burdens and deter victims from speaking out. This is a step backwards.

Petr Swedock,  
I/S Manager, LIDS@MIT

### Opinion Policy

**Editorials** are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, features editor, and opinion editors.

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

**Columns and editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

**Letters to the editor** are welcome. Electronic submissions are encouraged and should be sent to [letters@the-tech.mit.edu](mailto: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 and cartoons** must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *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.

### To Reach Us

*The Tech's* telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to [general@the-tech.mit.edu](mailto:general@the-tech.mit.edu), and it will be directed to the appropriate person. *The Tech* can be found on the World Wide Web at <http://the-tech.mit.edu>.

# Building an MIT Police State

*Please excuse the mess — oppression in progress.*

Brice Smith

*Hello. Welcome to MIT. I won't tell you my name, but I'll be your police officer this morning.*

For most of the hundred or so people who braved the cold and rain last Friday to try to present an alternative voice at graduation, that is sort of how their day began. As the group marched across the Harvard bridge, they were met by a mob of state troopers waiting to pen them in on the far side of Memorial Drive. The troopers prevented almost everyone from going over to talk to the parents, even though the protesters had informed the administration that they would be doing just that — and had heard no objection.

For the twenty students (of whom I was one) who had been chosen to sit and watch Mr. Wolfensohn talk for an hour the day started a little differently. When we arrived at the agreed-upon location, we found police and a continental breakfast, as planned. Around 8:00, though, when we were scheduled to go in, two vans and several police vehicles appeared. We were told to get into the vans, which would transport us to an undisclosed location. They didn't even tell the drivers where we were going. I

asked the World Bank spokesman who was present whether this had been the Bank's idea. While we were waiting to pass through the metal detectors, he told me that it hadn't and that he found it rather funny how insistent MIT was about secrecy and tight security.

After the meeting, which deserves its own column, I went to join the protesters still stuck on their corner. It was clear right away that the cops were overreacting, and all this was before the riot police showed up.

Let's begin with one of the more mild abuses. An MIT policeman stopped a student and her guest from handing out copies of *The Thistle*, a newspaper published by an ASA-recognized student group. They were not blocking traffic, nor were they disturbing the

parents; they were merely doing what the group was chartered to do: hand out papers on campus. When they told the cop that she was a student and that it was an MIT paper, the cop said he didn't care, and he forced them to move across the street, to where there were no parents.

Later, an MIT staff member, after spending time corralled in the "protest zone," surrounded by so many orange-coated troopers that it was nearly impossible to see anyone, stopped by the parents' line on her way into work. She was quickly approached by a state cop and ordered to leave. She refused and said she was from MIT. He demanded to see her ID and she demanded to know his badge number; they both refused. He then took hold of her bike and began to drag it, and her, away from the line until she was gone.

*He then took hold of her bike and began to drag it, and her, away from the line until she was gone.*

Inside Commencement, one of the students from the meeting, who had been seated in the front row, held up a sign giving the World Bank an F. He was immediately approached by a cop and told, "Alright, buddy, let's go" — in his cap and gown. Even after an administrator intervened, the cop still demanded to see the student's ID to verify his alleged identity.

Outside Killian Court, more than two dozen riot cops had shown up to further isolate the peaceful protesters. It was at that time that the media requested an interview with those of us who had been in the meeting with Wolfensohn. Four of us tried to cross the street to find the TV cameras and were literally stopped every few feet by police from different commands telling us "no, No,

NO." After many attempts and many threats, we finally stopped in front of a dorm to think about what to do. It was at this point that a cop threatened to arrest us if we didn't go back to "where we belong," and announced that he didn't care if this was our campus or not.

Finally, and most seriously of all, two guests of MIT students were walking down Massachusetts Avenue from Cambridge, on their way to the protest, when an MIT police officer stopped them and demanded to see the man's ID. They were walking with a group of people, but the male guest was the only black man with dreadlocks. He told the officer that stopping him was wrong and that the cop had only chosen him because of his race. The cop responded that, even if that were true, he still wanted to see his ID and to know what he was doing here. This, from one of our own police officers. No matter how you feel about the protesters, nothing can justify treating a person with such disrespect, much less someone who is a guest here on campus.

It is important to realize that this list of abuses is far from complete. The overreaction by the MIT administration and the police to a totally peaceful protest was disgraceful. To be fair, only the MIT police took orders directly from the administration. Still, as the organizer of the event, MIT clearly had strong voice in any tactical decisions. On a day that was supposed to celebrate people's ability to think and to figure things out for themselves, 12,000 persons experienced something more akin to a bad day in a Stalinist dictatorship. From intimidating graduates, to violating basic constitutional rights, to silencing student groups, to overt harassment of guests, we saw the MIT administration allow the many different police units present to turn Commencement into an occupation. In doing so, MIT's administrators turned their backs on everything they claim to stand for as leaders of an institution seeking knowledge and promoting discourse. Let us hope that in the future MIT does things a little differently.

## If This Isn't Racism...

Guest Column  
Bilal Zuberi

Donald Neff, author of *50 Years of Israel* writes, "Unlike pornography, which often is in the eye of the beholder, racism in nations is self-evident. It comes in the form of a constitution, the laws that a nation adopts, and the behavior of its citizens toward minorities."

Israel has no constitution, but it has what are called Basic Laws. These laws grant Jews special rights that other people living in the state do not enjoy. One would think that the Jews, who survived and endured the Holocaust, would be among the world's greatest teachers of tolerance. Unfortunately, that does not seem to be the case.

Israeli Palestinians make up approximately twenty percent of the current population of Israel. Before 1948, approximately 950,000 Palestinians lived in what is now the state of Israel, but 800,000 of them left their homes during the war of 1948-9. Of those remaining, nearly a quarter were displaced from their homes to other locations, thus becoming internally displaced refugees.

The Zionist principles on which the state of Israel is based forced the state to adopt prejudiced laws and practices that, at best, treat Palestinians (officially called non-Jews, *miyutim lo yehudim*) as second-class citizens, what Neff calls "casualties of a bloody history that left them stranded inside what became Israel." It comes as no surprise that in a state that wishes to remain specifically Jewish, all non-Jews (be they Palestinians or American Christians) are discouraged from living there. To maintain the country's Jewish character, the purity of the state of Israel, the Palestinians have been continually depicted and dealt with as a demographic threat. Israel has established policies designed to check that threat. Re-engineering of the population has been accomplished by the denial of building permits to Palestinians, the demolition of homes, ID card confiscations, and residency revocations. For example, any Arab resident living in Jerusalem and wishing to travel abroad must obtain an Israeli re-entry visa, and living abroad for more than seven years will result in a loss of residency. These pro-

visions do not, however, apply to Jewish residents.

A strategy commonly used to achieve Israel's goal — the greatest possible territory with a minimal non-Jewish population within its confines — has been the re-zoning of Palestinian land as green spaces. These areas are officially labeled as public spaces but, in fact, serve as land reserves for the construction of Jewish settlements. Another zoning abuse involves the allocation of land into National Development Areas. Within these regions, the government disburses funding for development and provides tax incentives for industry, as well as education and housing benefits. Development Areas are supposed to be determined according to socioeconomic criteria. Yet the zones are drawn so as to include a disproportionate number of Jewish localities and to exclude nearly all Palestinian ones. For example, in the 1998 classification, out of 429 localities accorded Development Area status, only four were Palestinian, despite the fact that Palestinian towns and villages are consistently at the bottom of the socioeconomic scale in Israel.

All Israeli citizens, including Palestinians, have the right to vote for members of the Knesset and for the Prime Minister, but not all rights are citizenship rights. Some rights are defined as "nationality rights" and are reserved for Jews — exclusive use of land, privileged access to private and public employment, and special education loans and home mortgages, among other things. Israeli Arabs have repeatedly demanded nationality rights by calling themselves a national minority, but they have thus far been described only as a cultural minority, to keep certain rights away from them. In addition, many other special privileges in the state of Israel are reserved for those who have served in the military. Military service is compulsory for all Jews except for the ultra-orthodox (who still get the same privileges), but Palestinians are banned from joining the Israeli Defense Forces, even though they make up one-fifth of the population — a considerably larger fraction than blacks in America. Only four percent of government employees are Palestinian, and not a single Palestinian has ever become a cabinet minister in the Israeli

government. In the 120-member Knesset, Palestinians hold only ten seats.

Palestinians are subject to discriminatory Israeli licensing and economic policies, which have led to widespread poverty. Let us take the tourism industry as an example. Israeli authorities have refused to issue Palestinians the permits for building new hotels or for the expansion of existing ones, keeping Palestinian-owned hotel numbers frozen at 1967 figures. Palestinians need permits for all aspects of their life. They need them in order to move to and from towns and to move their goods and produce; they are not even allowed to dig for new wells or deepen existing wells without long waiting periods, even when the water runs dry or becomes unsuitable for drinking.

The situation in the occupied territories is even worse. Israelis, who were rightly outraged at being denied access to the Wailing Wall when Jerusalem was under Jordanian (not Palestinian) rule from 1948 to 1967, have effectively imposed similar restrictions on the one million Muslims in the Gaza Strip. Since 1993, the Israeli government has denied most Palestinians in the West Bank and Gaza entrance to Israel and restricted their movements within the occupied territories. The closure of the border has had a devastating impact on the Palestinian economy and is in direct violation of Israel's obligations under international law; section 43 of the Hague regulations requires Israel to provide for the welfare and orderly life of the residents of the occupied territories.

The Israeli policies of the past and present are the cause of the plight of the Palestinian people: the suffocating economic, social, and political atmosphere that has caused so much frustration among them. This sort of collective punishment of about 2.7 million people, which prevents them from reaching their workplaces and deprives them of access to medical, educational, and economic services, as well as to places of worship, is a crime. Israel presents itself as the only democracy in the Middle East. It is a democracy only if we consider the apartheid regime in South Africa a democracy. If this is not racism, what is?

Bilal Zuberi is a graduate student in the Department of Chemistry.

# A New Era Of Scantily-Clad Women

Philip Burrowes

We all know where to go to get the good doses of female objectification: music videos, comic books, pornography, etc. Ogling is about to reach a new level, however, and it's necessary to stay on the cutting edge, lest we fall behind like Russia or the New York Mets. (Sure, they might start winning by the time this article reaches print but, hey, Mike Piazza's gay.) Technology, social dissolution, and good old-fashioned hormones are making this a great era for woman-horners of any sex. Let us stand up and take notice.

As music videos provide us with the most diverse array of women for our viewing pleasure, there is no better place to start than MTV. MTV, in case you haven't heard, is airing more than just videos nowadays. Knowing what we like, however, they've sought to maintain a flesh standard on all programming. The *MTV Movie Awards* — which managed to parody *The Fellowship of the Ring* without a twinge of surreality — were sprinkled with scantily-clad dancers between every pair of cue-card readers. *Summer's Hottest Figures* brought lack of clothing out of the filler and into the focus. "Twenty fine young things squared off in crazy competitions to prove that they deserve to wear the 'Hottest Figure' title." Granted, it wasn't actually summer while they were filming, so occasionally the girls were covered, but when they did put on those bikinis, the cold made their bodies look all the more pleasing.

Less forgivable are the distractions provided by male contestants. We only want to see males if they're doing things to females. MTV will no doubt rectify this when *Sorority Life* starts airing later this month. Basically *Big Brother* set at the University of California at Davis, the show promises lots of frat parties, and it better well deliver. We can always rely on *Girls Gone Wild* if *Life* proves a disappointing.

Speaking of that esteemed video series, the Doggfatherhimself is going to issue a product under its imprint, appropriately titled *Girls Gone Wild, Doggystyle*. Fans of his award-winning (no, really) erotic video appropriately named *Doggystyle* will no doubt expect much out of Snoop, but the infomercials aren't scheduled to air for a couple of months. In the meantime, we must make do with the shower fight sequence from his latest music video, *Give Up the Funk*. That scene was largely lifted from the film *Undercover Brother*, as the song is from that movie's *unOriginal Soundtrack*. Of course, one of the themes of that film may or may not be that the objectification of women is a national weakness. You'd have to spend time figuring out if it's a satire or not.

None of these faux-funk or quasi-*Survivor* productions, however, can hold a candle to the announcement at the last Electronic Entertainment Expo. While there's no word yet on whether Samus Aran strips at the end of the new *Metroid*, all of the *Dead or Alive* women are definitely taking it off for the ultimate tournament: a beach volleyball tournament, that is. Did you feel stupid all those years for playing a fighting game just to see the females' breasts jiggle beneath their oh-so-concealing outfits? Then get ready for a guilt-free volleyball game using the latest in silicone-simulation graphics with beach attire. How good a volleyball simulation *DOA Xtreme Beach Volleyball* will be is another story — a less important story.

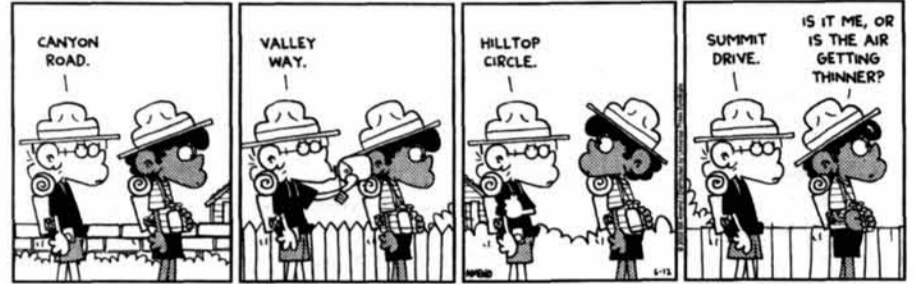
Still too much clothing for you? Try *Dave Mirra X3*, i.e. Dave Mirra XXX. Its premise of strippers on bikes may seem like a trite marketing ploy to keep a stagnating genre aloft, but unlike *DOA* or Disney characters, their super supra-thoracic girth is actually pertinent to the task at hand. You see, the gameplay doesn't involve just pedals and brakes, but will have actual stripping components.

Once a product can get by on its appearance alone, there's no need to provide significant content. Just look at [insert overdone, non-*Star Wars* pop culture reference here]. That assumes there's any message worth such demeaning packaging. Should "women of color," for example, be pleased by Malou Hansonn's appearance as Miss Sweden in the last Miss Universe pageant, or unnerved that it's becoming increasingly acceptable to view them as things to be ranked? Would a world where every Mary Jane, Lois Lane, and Padmé Amidala has an overzealous protector inevitably be a world where it is always the damsel who is in distress?

Oh, and there would be nothing especially wrong with Mike Piazza, were he a homosexual, so there's no need to rush to his "defense."

## FoxTrot

by Bill Amend



Join The Tech

[join@the-tech.mit.edu](mailto:join@the-tech.mit.edu)

Where are the *Tech* cartoons you know and love?



Prevent this from happening again!  
Draw comics for *The Tech*.



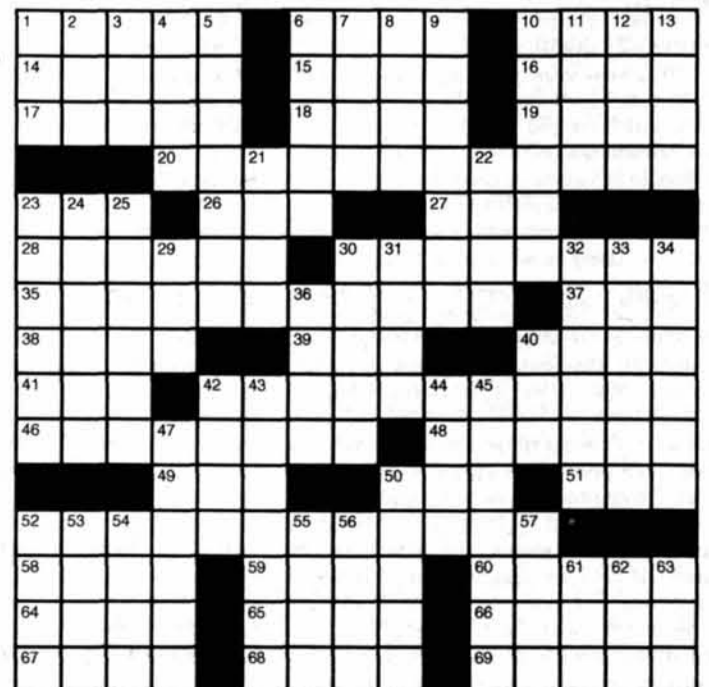
Remember:  
There is no "FUN" section without "U."



## Crossword Puzzle

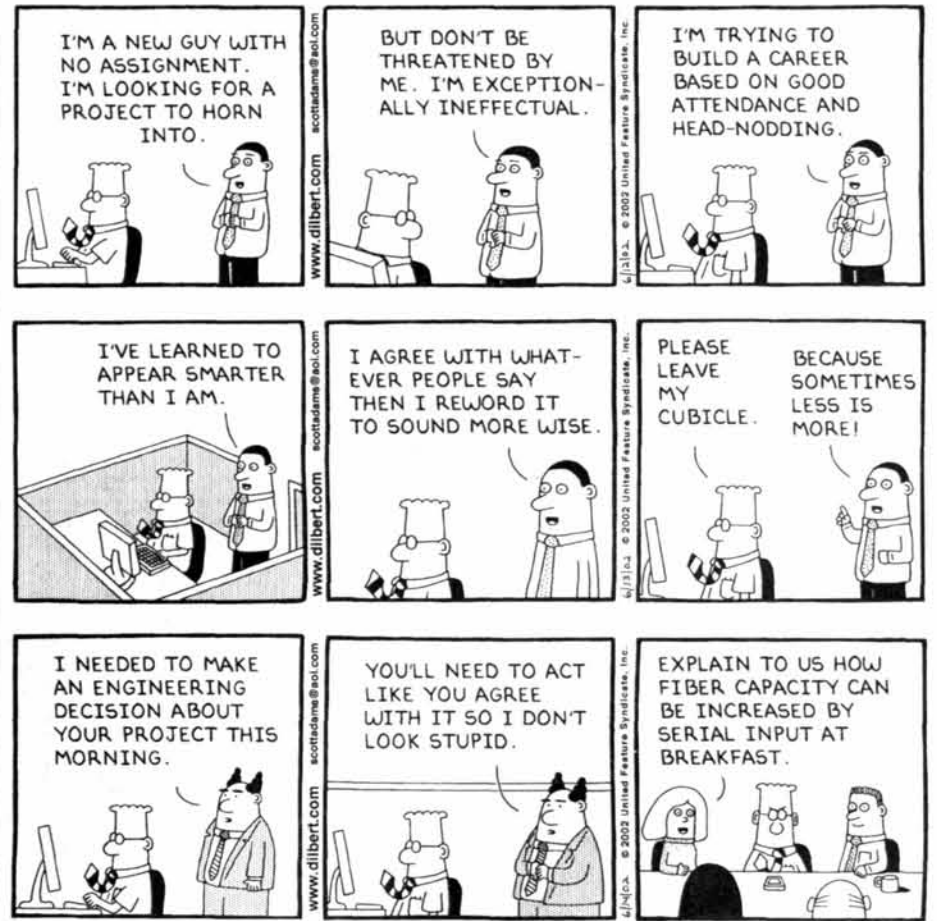
Solution, page 12

- |                               |                              |                          |                           |
|-------------------------------|------------------------------|--------------------------|---------------------------|
| <b>ACROSS</b>                 | 40 Tolstoy novel, "Karenina" | 2 Samovar                | <b>Hollywood</b>          |
| 1 Poison ivy's cousin         | 41 Green Card org.           | 3 Me, to Miss Piggy      | 32 Pay no attention to    |
| 6 Door hardware               | 42 Macho trait               | 4 Old Testament prophet  | 33 Agree                  |
| 10 Austen heroine             | 46 Alienate                  | 5 Southwestern saloon    | 34 Downpour               |
| 14 Bakery bouquet             | 48 Accumulate                | 6 Large wading bird      | 36 Ocean ice              |
| 15 Author Ferber              | 49 Best guess, for short     | 7 Indian Ocean gulf      | 40 Bowl-like object       |
| 16 Christmas in Paris         | 50 To's companion            | 8 Glitch                 | 42 Corned-beef dish       |
| 17 Beatles' song, "Glass ___" | 51 Make a blunder            | 9 Tropical fruits        | 43 Heartburn soother      |
| 18 Harvest                    | 52 Macho trait               | 10 Filled with delight   | 44 Agra attire            |
| 19 Apple choice               | 58 Otherwise                 | 11 Earth orbiter         | 45 Priest's assistant     |
| 20 Macho trait                | 59 Talks sweetly             | 12 Written reminder      | 47 Governing board member |
| 23 Naughty                    | 60 Leavening ingredient      | 13 TV host Trebek        | 50 Stops eating           |
| 26 Charged particle           | 64 Demeanor                  | 21 Diana of the Supremes | 52 Interim worker         |
| 27 Peke's bark                | 65 "Say it ___ so!"          | 22 Back talk             | 53 Hodgepodge             |
| 28 Where whales roam          | 66 Sample                    | 23 Pop singer Gentry     | 54 Consumer               |
| 30 Rubber bands               | 67 Nautical left             | 24 Squirrel snacks       | 55 Only fair              |
| 35 Macho trait                | 68 Bunny moms                | 25 Take off the roster   | 56 Zero                   |
| 37 Sticky stuff               | 69 Type of alcohol           | 29 Fruit drink           | 57 Pants part             |
| 38 Soft cheese                |                              | 30 Wear away             | 61 Cinder                 |
| 39 Uncountable years          |                              | 31 Turner of             | 62 Porker's pad           |
|                               |                              |                          | 63 ___ Aviv-Jaffa, Israel |



# Dilbert®

by Scott Adams



# Events Calendar

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

## Friday, June 14

**12:00 p.m. - 2:00 p.m. – 3rd Annual Support Staff Appreciation Luncheon.** Appreciation Luau sponsored by the Working Group on Support Staff Issues. free. Room: [wgmembership@mit.edu](mailto:wgmembership@mit.edu) rsvp required. Sponsor: Working Group on Support Staff Issues.

## Saturday, June 15

**8:00 p.m. - 11:00 p.m. – Patrol.** Shoot your friends! Travel to strange, new classrooms; meet interesting, unusual people; and kill them. A team game of shoot-em-up; guns provided.. free. Room: Building 36, First Floor. Sponsor: Assassins' Guild, MIT.

## Sunday, June 16

**9:00 a.m. - 2:00 p.m. – MIT Swapfest.** MIT's electronics and ham radio flea will take place on the third Sunday of each month this summer, April thru October. There is tailgate space for over 600 sellers and free, off-street parking for >2000 cars! Buyers admission is \$5 (you get \$1 off if you're lucky enough to have a copy of our ad) and sellers spaces are \$20 for the first and \$15 for each additional at the gate. The flea will be held at the corner of Albany and Main streets in Cambridge; right in the Kendall Square area from 9AM to 2PM, with sellers set-up time starting at 7AM.. \$5. Room: Albany Street Garage. Sponsor: Electronic Research Society, MIT, UHF Repeater Assn. W1XM, MIT, MIT Radio Society. Harvard Wireless Club.

**3:30 p.m. & 7:30 p.m. – "Trials, Tribulations, and Triumphs."** An evening of scenes and monologues about relationships, performed by MIT Theater Arts Alumni, directed by Senior Lecturer Michael Ouellette. free. Room: Kresge Little Theater. Sponsor: Music and Theater Arts Section.

## Monday, June 17

**8:00 a.m. - 7:00 p.m. – CISR Summer Session: Current Issues in Managing Information Technology.** For 26 years, CISR Summer Session has emphasized the strategic and organizational implications of trends in information technology management and is designed for information systems managers in medium to large organizations in the profit and not for profit sectors. The program is also designed for executives without an IS background who are responsible for decisions regarding the use of information technologies in their firms. Held annually, CISR Summer Session attracts an international mix of approximately 150 managers who participate in general and elective sessions over the course of 3 days. \$3750. Room: Hyatt Regency Cambridge. Sponsor: Center for Information Systems Research.

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.

**11:00 a.m. – Everything Old Is New Again: A Fresh Look at Historical Approaches in Machine Learning.** We present SvmFu, a state-of-the-art SVM solver developed as part of thesis. We discuss the design and implementation issues involved in SvmFu, present performance results, and offer general guidance on the use of SVMs. Next, we consider multiclass classification. Finally, we consider algorithmic stability, a relatively new theory that results in very elegant generalization bounds for algorithms which are "stable," and is closely connected to notions of stability used in the 1970s. We compare and contrast Tikhonov regularization, to which algorithmic stability applies, with Ivanov regularization, the form of regularization that is the basis for structural risk minimization and its related generalization bounds.. free. Room: NE43 - 8th Floor Playroom. Sponsor: 'Brains and Machines' Seminar Series.

**12th International Cryocooler Conference.** Room: Kresge Auditorium. Sponsor: Conference Services.

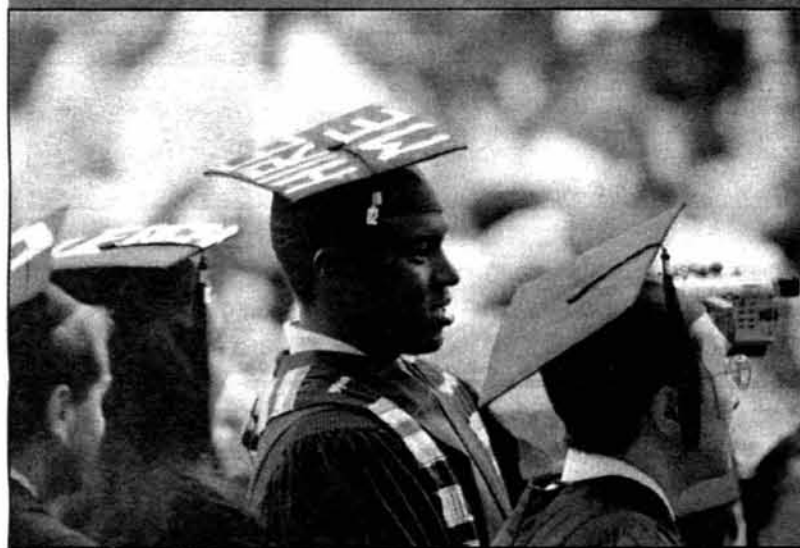
## Tuesday, June 18

**8:00 a.m. - 7:00 p.m. – CISR Summer Session: Current Issues in Managing Information Technology.** For 26 years, CISR Summer Session has emphasized the strategic and organizational implications of trends in information technology management and is designed for information systems managers in medium to large organizations in the profit and not for profit sectors. The program is also designed for executives without an IS background who are responsible for decisions regarding the use of information technologies in their firms. Held annually, CISR Summer Session attracts an international mix of approximately 150 managers who participate in general and elective sessions over the course of 3 days. \$3750. Room: Hyatt Regency Cambridge. Sponsor: Center for Information Systems Research.

**12:00 p.m. - 1:00 p.m. – Dreamweaver Quick Start.** Dreamweaver 4 is a powerful tool for creating and managing complex web sites. This session introduces users to the Dreamweaver interface and gives a brief overview of web publishing practices at MIT.. Room: N42 Demo. Sponsor: Information Systems.

**6:00 p.m. - 7:30 p.m. – Toastmasters@MIT Evening Meetings.** Toastmasters@MIT Tuesdays, 6:00-7:30 pm, 77 Mass. Avenue, Cambridge, Room 12-102. free. Sponsor: Toastmasters.

**7:00 p.m. - 10:00 p.m. – Improv Workshops.** MIT's improv comedy troupe, presents "Structures of Improv," an all-new workshop series introducing improvisation and the way storytelling, genre, and constraints combine to make excellent on-the-spot scenes. No theater or performance experience needed. To attend workshops #2-4, you must attend workshop #1 unless prior arrangements are made. RSVP by e-mail Intro is free; others \$5



# Commencement 2002 Honoring MIT and its Graduates

The following is the commencement address delivered by World Bank President James D. Wolfensohn at MIT's 136th Commencement exercises:

President Vest, members of the Corporation, the faculty, the administration, graduates, your families and friends, let me first say how deeply honored I am to be here in what is essentially a family celebration, a celebration for each of you on your achievements, a celebration at a very important moment in your lives, a moment when you are reflecting, a moment when you're looking forward.

I feel deeply honored to be here particularly as, when I came this morning, I recalled with my own personal pleasure my first visit from Australia in the mid-50s when I came past this wonderful building looking to buy a copy of Paul Samuelson's book on economics to try and help me get through a course a little bit down the road. And this was an occasion for me when I, for the first time, put reality to my expectations and hopes derived in Australia about academic excellence, about opportunity, about a chance to come and work within a great country and in a great community, and to do so with the possibility of developing my own career.

This is indeed a great institution, an institution that has enormous achievements in sciences, in social sciences, and achievements, which have been marked by many previous Commencement speakers and by the world at large.

But it's also an institution which is engaged very much not just on its past achievements but on its future.

And we, at our institution, feel very privileged to have relationships with you and, in particular, on what I think may well be the most significant advance that this institution will ever have, the advance in relation to the opening of your courses in the MIT OpenCourseWare program in which we're engaged not just with our African Virtual University but, hopefully as the years progress, in making possible the underlying knowledge, experience and education forces that there are in this university. Let me say that from my point of view, working in the Bank, dealing with the issues of development, that this contribution may well be the greatest thing that you've ever done. And I congratulate you and applaud you for the opening of this prospect not only to this country but to the world.

I have come here this morning as you might gather a little bit nervous, nervous because of the reaction to the World Bank, nervous because I see being held up grade cards with F on it. I'm particularly nervous about that I might tell you, because personally, I got too many of them when I went through university. And I thought that at this stage my record would be forgotten. And to be reminded of it as I come here today is a cruel blow. So, I would ask you just as a matter of personal dignity if you'd turn it the other way. It'll allow me at least to recognize that in the last 40 years I've come some distance.

I've come some distance not in terms of academics but in terms of being able to take some of the values, some of the experience that I learned in this city and have had the opportunity to apply it to a world that has been ever changing and different. And it's to that that I'd like to address just a few remarks to you this morning.

When I came to the United States over 40 years ago, I conceived of the world as a bipolar place, as a place in which there were the rich and the poor, a place in which there was the developing world and the developed world, the north and the south, a world that was divided.

I conceived my own career as something that I reviewed in essentially personal terms. I wanted to get a graduate degree. I wanted to deal with the issues of my own personal poverty. I wanted to deal with the questions of building a career, and I also thought because I came from a distant country and I knew just a little about development that it was the right thing, the moral and ethical thing, to take an interest in those less fortunate in the developing world. I felt comfortable on my graduation day, as I'm sure you do today, in my achievements. I felt comfortable that I was behind a wall, that I had made it and that I was now going to advance with all the sense of confidence that you get from the sort of achievements that you have remarkably made this day. And I thought of this other part of the world as being a world to which I would give part of my life and then I'd come back and develop my life behind my wall.

I've learned in the last seven years that the world is not bipolar and simple. That is the sort of thing that many of you students this morning were talking to me about and caused some reaction very often to my own institution. The notion of globalization, the notion of the shrinking of the world has occurred most significantly in this 40 years since my graduation.

And today, the world is a different place. For any that thought that you could live behind the wall, September the eleventh was a moment when reappraisal had to take place. This was a moment when our country and indeed the world was shocked and shaken to recognize that events in Afghanistan, events in distant parts of the world, events in Islam, events in those areas where people were under pressure and disadvantaged were not issues that could be conveniently kept outside a wall but, in fact, were issues that impacted on us, that our part of the developed world, that the notion of two worlds is no longer real, that whether it be in environment or in health or in crimes or in migration or in drugs or in communications or in terror, issues in one part of the world become issues in another part of the world.

And for my own organization, which focuses so much on the question of poverty, for our organization, the question is what is it that is the question of equity and social justice in that other part of the world and how does it affect us in the privileged world.

Well, if ever one had doubts, September the 11th, I believe, made us recognize the reality that was there on September the 10th, which is that poverty somewhere is poverty everywhere, that global issues are local issues, that issues of development are issues not just in developing countries but issues for us.

The numbers are compelling. We have a planet of six billion people. Five billion of the people live in developing countries. Three billion of the people live under \$2.00 a day, and inequity is very clear. I have just come back from a trip to East Timor, Mongolia, China, the Middle East, through Central Asia. Each of these countries is different, but each reflects a sense of inequity, uncertainty, although also a burgeoning area of hope for many people.

But for all too many, the question of inequity finds its evidence and finds its manifestation in hostility, in reaction, in a sense of abandonment. And that is an issue not just for those countries. It's an issue for us.

And as we look forward to the life span that you will have over the next 25, 30 years at least, our world becomes a world of eight billion people. Seven billion people will be in the developing and transition economies 25 to 30 years from now. This is not a static situation. This is a situation where the five billion has 20% of the global assets and earnings, and it's not a situation that can continue. It's a situation which is essentially unstable, and it's not a distant issue.

And so, my message to you today is really a single and simple message. It's a message to say to you that whatever you judge of institutions like the Bank or contributions of people of my generation, your challenge is the challenge of planetary equity. Your challenge is the challenge of taking the experience that you have had, of the education that you've had, of the careers that you're seeking to build and view them not through the lens of a world that exists behind a non-existent wall but to look at your future as a world in which your aspirations, our dreams, are interdependent with those less fortunate, wherever they are.

It is not an issue you can avoid. It's an issue that you not only can grasp but to which you have been trained to advance.

Let me give you just one minor example drawn from a different institution and try and put in perspective what you've learned. I was in Georgia with a recent graduate in the field of development and agricultural technology. We visited a farmer in a field, and this rather confident young man, getting out of the car, went to the farmer and in pretty good Georgian said to him, "If I can tell you how many sheep are in your field, will you give me one?"

And the farmer in equally good Georgian responded, "Yes, I'll be glad to." And my young graduate friend looked around and, with a quick review, said, "There are 873 sheep in your field and they're healthy."

And the farmer said, "That's the most amazing thing I have ever seen, you're correct, take one."

Well, he bent down, picked up an animal, started walking to the car when the farmer said to him, "Sir, if I could tell you which university you went to, would you give it back?"

And my colleague said, "Yes." And he said, "Well, you went to Harvard."

And he said, "You're right, how did you know?"

He said, "Well, you picked up my dog." And my concern, ladies and gentlemen, is that you don't pick up the dog, that you use your education with humility or with openness, with concern, because the issue of poverty, the issue of development, the issue of equity is your issue. You cannot avoid it. It is the issue of peace, and you, all of you here, have been trained to make our world a better place.

I have great confidence that you will do that, and I hope that as you go forward you will give thought not to the World Bank but to the issue of equity, social justice, poverty and peace. Thank you so much.

(Clockwise from bottom left)

L. Robert Johnson '63, president of the Alumni Association, places the ceremonial mace on its stand during the procession.

One person offers a clever reminder that some graduates have yet to find employment.

Family and friends of the graduates endured the rain, wearing plastic ponchos and holding umbrellas, to watch Commencement.

A member of the Class of 2002 expresses his elation after receiving his diploma.

Amittal E. Axelrod '02 sports a mortarboard with a Guinness attached.

Class of 2002 President Sudeb Dalai dutifully returns to President Vest the plant that was stolen from his office four years ago.

Members of the MIT Class of 1952 enjoy the Class of 2002's graduation.

Photography by Nathan Collins, Wendy Gu, and Daniel R. Bersak



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Again, thank you for the opportunity. We are happy to become a part of the MIT community.

Sincerely,



Dan Eusebio  
District Manager, Sodexho Campus Services



# Wolfensohn Defends Bank's Social Record

Forum, from Page 1

Wolfensohn said he would press to have open meetings of the Bank's board but doubted they would be approved. "If discussions were public, all havoc will break loose. Countries would be offended."

"I vigorously support the release of minutes, but not the actual debates, given the sensitivity of what the board members talk about," Wolfensohn said.

Wolfensohn also responded to criticism that the Bank was too slow to act. "The issue of getting people out of poverty is a process," he said. "It is a complex and difficult issue. Even if we were perfect, which we are clearly not, it cannot be solved instantly."

## Wolfensohn defends record

Wolfensohn addressed concerns that the World Bank projects were not targeting human, gender, and labor rights issues.

"I am being pragmatic," Wolfensohn said. "If the rights issues are lifted to visibility, the board of directors won't approve those projects, because it is beyond the jurisdiction of the World Bank."

"I want to deal with rights issues without calling it that," he said.

"I am very proud to be a part of the World Bank. I can look you in the eye and say that it is a different institution," he said. "It is more open and more modest than when I first joined seven years ago."

## Opinions on forum mixed

While the students attending the forum welcomed the opportunity to meet with Wolfensohn, they disagreed on how informative the gathering was.

"At first, Wolfensohn was pretty good with answering questions, pretty open to discussion and not so much being a politician," said Leona A. Karnali G.

"MIT students were too aggressive and defensive about their views, though," she said. "They asked really attacking questions, so that after about halfway through, Wolfensohn became defensive."

Smith had a different opinion. "I had very little expectation going in, but even then I found the forum to be pretty disappointing," he said. "I got the impression that Wolfensohn wasn't taking us very seriously, dismissing our criticism with sweeping generalizations."

"It was a smart move of Wolfensohn's office to agree to the forum," said Rossana Dudziak G. "I find

many of his responses to the criticism persuasive, but I know that the World Bank could do much more in terms of poverty alleviation."

"He avoided some of the difficult issues by answering the obvious parts of the questions," she said.

James I. Vickery G felt similarly. "Wolfensohn gave reasonable, perfectly fair answers," he said. "It is good that he was willing to compromise, though at times he side-stepped some issues and gave vague explanations."

"The biggest constraint was time, and so we didn't get to a lot of the questions people had in mind, but generally I enjoyed it and thought it was interesting," Vickery said.

Clay said he was "delighted about the way the forum was conducted."

"The students were respectful, and their questions were very well framed," Clay said. "Mr. Wolfensohn was frank and engaging."

Students differed in their views of the impact of the forum as well.

"Wolfensohn is genuine in trying to change people's opinion of the Bank, but I don't think the forum changed anyone's mind. The people who went in vehemently anti-Bank walked out anti-Bank," Dudziak said.

"It is unrealistic to think that people will change their minds within an hour," Vickery said. However, he felt that the discussion did make an impression on him. "I came out with a much more positive impression of him and the World Bank," he said.

"Some questions he answered better than others," Smith said. "There were a few pieces of enlightening information."

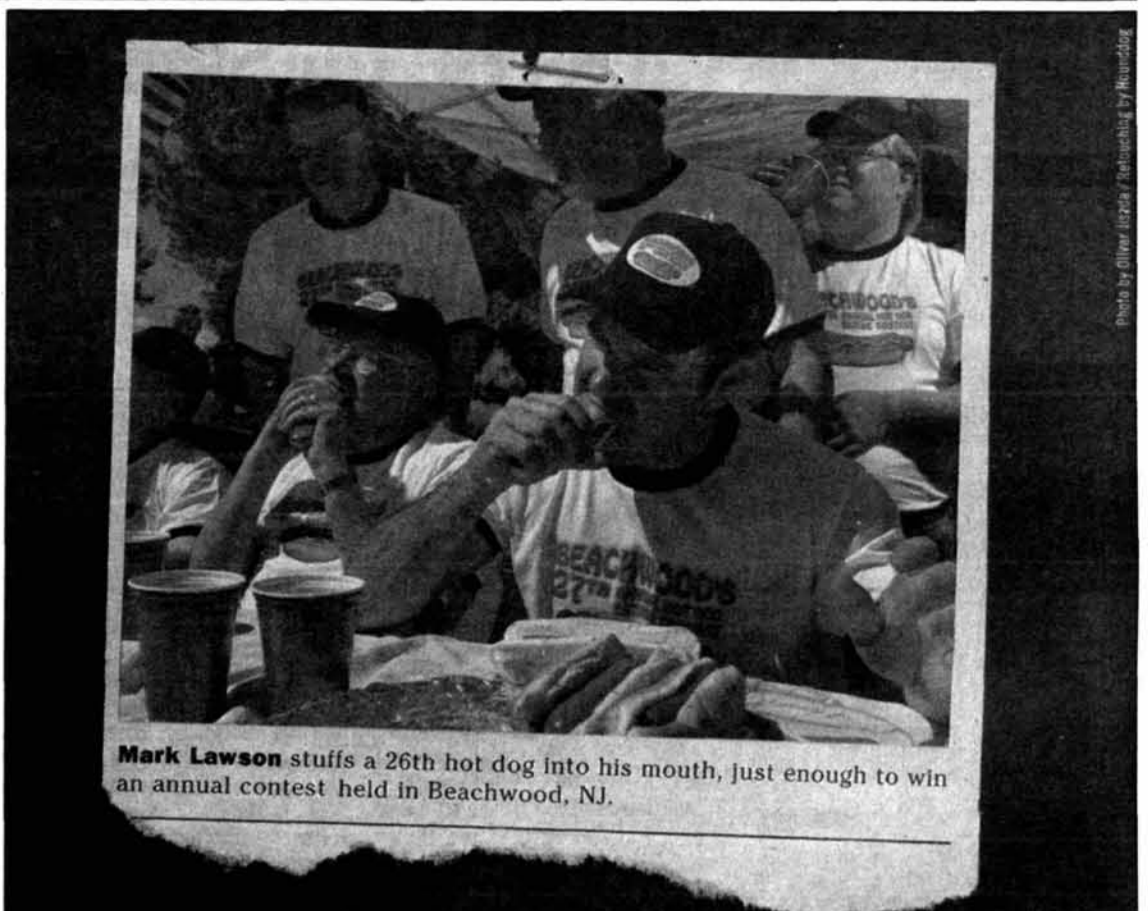
## Students invited to Bank office

Wolfensohn acknowledged that many of the issues raised at the forum are "not easy questions, and I can only give you flip answers in the allotted two or three minutes." He invited anyone who wished to continue the discussion to "spend a day in Washington and meet people who work directly with these issues at the World Bank."

Clay said that his office would work with the World Bank and the students to set up this engagement.

"This is a surprise offer, and Mr. Wolfensohn was sincere in extending the invitation," Clay said.

"It is a generous offer that he made," Vickery said. "I think a lot of people will take him up on it, which would be something good that came out of the forum."



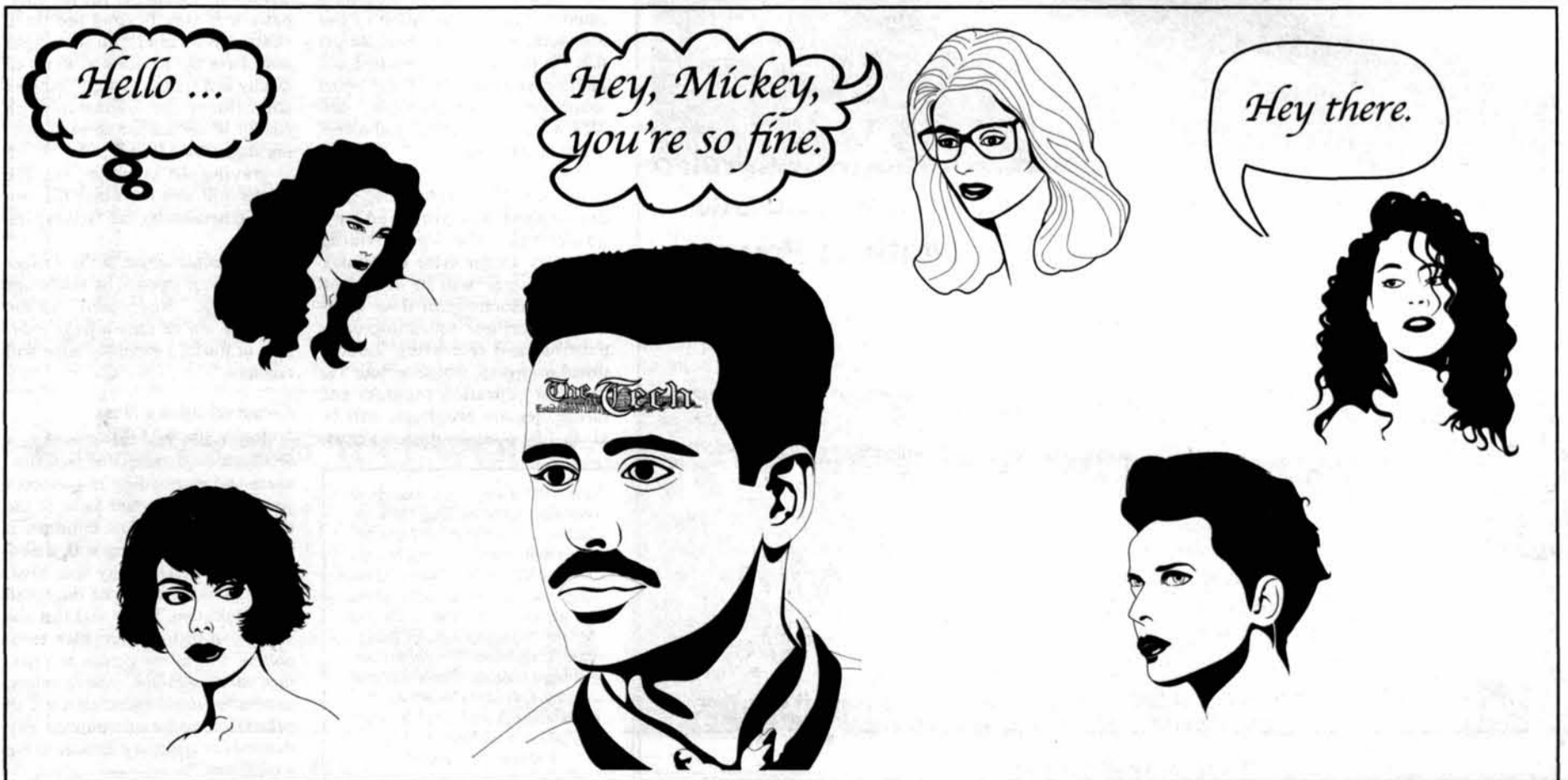
Mark Lawson stuffs a 26th hot dog into his mouth, just enough to win an annual contest held in Beachwood, NJ.

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**Solution to Crossword**

from page 6

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# Class of '06 Similar To Previous Classes

Class of 2006, from Page 1

and New Jersey. Seventy-nine members of class are international students, nine of them from Canada.

Jones said that this composition is not substantially different from that of prior classes.

In addition to the international students, the class is 34 percent Caucasian, 28 percent Asian, seven percent black, seven percent hispanic, and two percent American Indian. The total proportion of under-represented minorities remains constant from the Class of 2005, at sixteen percent.

**More valedictorians enroll**

Jones said that the academic statistics of the Class of 2006 are nearly identical to those of the Class of 2005. "They are just as terrific as ever," she said.

The average SAT scores have increased slightly from 756 in math and 711 in verbal to 757 and 712, respectively. Similarly, the percentages of valedictorians and of students ranked in the top five percent of their classes have increased from 41 percent to 43

percent and from 90 percent to 93 percent.

Of the 985 enrolling freshmen, the MIT Admissions Office admitted 28 percent of the class through early action, 68 percent through regular decision, and accepted 32 students, or three percent, off of the waiting list.

Upon submitting their applications, 23 percent of the class stated an interest in majoring in electrical engineering and computer science. Fourteen percent declared an interest in engineering in general, nine percent in biology, and seven percent in physics.

Students who declined MIT's offer of admission were most likely to attend Harvard University instead. "Far and away, the school our admits choose to attend, if not MIT, is Harvard," Jones said. Bette Johnson, associate dean of admissions, said that Harvard is consistently the top choice, followed by Stanford University.

Jones added that financial concerns were among top reasons for not enrolling. She said it has been one of the top three such reasons since the Admissions Office began studying those reasons in the 1950s.

## have a nice frickin' day

# Strategic Plans Seek Changes to Phys Ed

Athletics, from Page 1

At the talk, Royer unveiled a preliminary rendition of a wall mural to be painted by artist and physicist Matthew Ritchie. Ritchie's mural, a cryptic representation of the Big Bang, is designed to remind users of the facility of the important link between body and mind.

Royer also noted MIT's record of Academic All-Americans and showed footage of Jennifer Harris Trospen '90's induction to the Academic All-America Hall of Fame. Trospen was the first MIT graduate to be inducted.

**Royer discusses plans**

Royer also described the latest draft of the Athletics Department's strategic plan. The plan was suggested in 2000 by then-chancellor Lawrence S. Bacow '72, as a way to help re-balance the department's resources and provide a better service to the MIT community.

Royer said the current draft looks to be an ideal remedy for the athletics program's recent financial and managerial struggles. "We are very pleased with the amount of feedback we've had during the planning process," she said. "We have been alerted to the primary concerns of our student-athletes and to the strengths and weaknesses of the department."

The latest revision of the strategic plan can be found online at the department's new Web site: <<http://web.mit.edu/athletics/www/>>.

**Programs to be reorganized**

Royer noted that the Athletics Department has recently been accused of trying to do "too much for too many" and failing for this reason. Along with the dissolution of the junior varsity athletics program, students and staff have expressed dissatisfaction with the quality and distribution of facility, equipment, and personnel resources among the department's programs.

Today, the department contains five major program components: the physical education program, the 41 intercollegiate varsity programs, 38 club sports, nearly 20 intramural programs, and a host of informal recreation activities. A growing demand from graduate students, staff, and faculty has required the department to reassess its level of support for non-varsity programs.

"A large part of the problem is that we have not had or communicated a clear prioritization of our resources, and that is where we get into the problems of over-used and under-maintained field and court spaces among other problems," said MIT women's basketball and soccer coach Melissa Hart.

In an effort to re-balance department's resources, the department has proposed new guidelines for prioritizing resources. Under these guidelines, considerations will be organized around a hierarchy of three functional priorities: education, competition, and recreation. Educational priorities, which include the physical education program and intercollegiate programs, will be given first consideration. Compet-

itive programs such as intramural sports would be given second consideration. Because of their low organizational requirements, recreational programs such as personal fitness, club activities, and other informal recreation remain the third priority.

In addition to detailing this hierarchy, the strategic plan calls for the development of a formal structure for evaluating, establishing, and eliminating both intercollegiate and club sports. Furthermore, the department plans to hire a director of recreational sports to work with both Royer, who oversees intercollegiate athletics, and the director of physical education.

**Education program reforms**

Royer, discussing the plans for a new physical education program, said "The winds of change are blowing strong." Students can expect the program to become the "benchmark of a more holistic approach to fitness," she said.

The physical education program, to be renamed the "Health, Fitness, and Life Program," will add nutrition, stress management, mental health, and leadership education courses to its curriculum. The department has also been pursuing potential partnerships with other departments on campus. "MIT Medical, the biomechanical engineering and materials science departments, and the Center for Sports Innovation are all possible partners," Royer said. There has also been some discussion of instituting a required health-related fitness course for undergraduates.

**Facilities, budget to improve**

The strategic planning committee has also laid out plans for improving the facilities and operations of the department and for boosting the department's budget. The committee is working to develop more effective partnerships with the Department of Facilities and the MIT Safety Office, so as to manage maintenance and upgrades of facilities better, as well as to prohibit unauthorized access to them.

Royer said she and the committee are taking no chances with the Zesiger Center. "We wanted a trained and professional staff who could come to MIT and hit the ground running," she said.

Health Fitness Corporation of Minneapolis has been hired to manage the Zesiger Center for its first three years. The department will monitor the company's operations and decide whether or not the company will stay beyond the three years. "We simply do not, right now, have the numbers in terms of faculty and staff to run the complex and achieve the immediate high quality of service we've been talking about," said Royer.

Having the company run the Center will also maximize the revenue generated by the facility, she said.

"The construction of the Zesiger Center was postponed by a shortage of funding," Royer said. "In the last year we've seen a huge infusion of funds, a trend we hope will continue."

**Communication a focus**

Royer also said that providing a feedback mechanism for facilities' users and responding to concerns would be an important focus of the department. The Sports Information Department is working with a new information technology specialist, Carol Elder, to facilitate improved communication. Royer said that she hopes that better information technology will allow groups to organize online sign-ups, reserve courts, access updated information and schedules, and communicate any demands or criticisms directly to the department.



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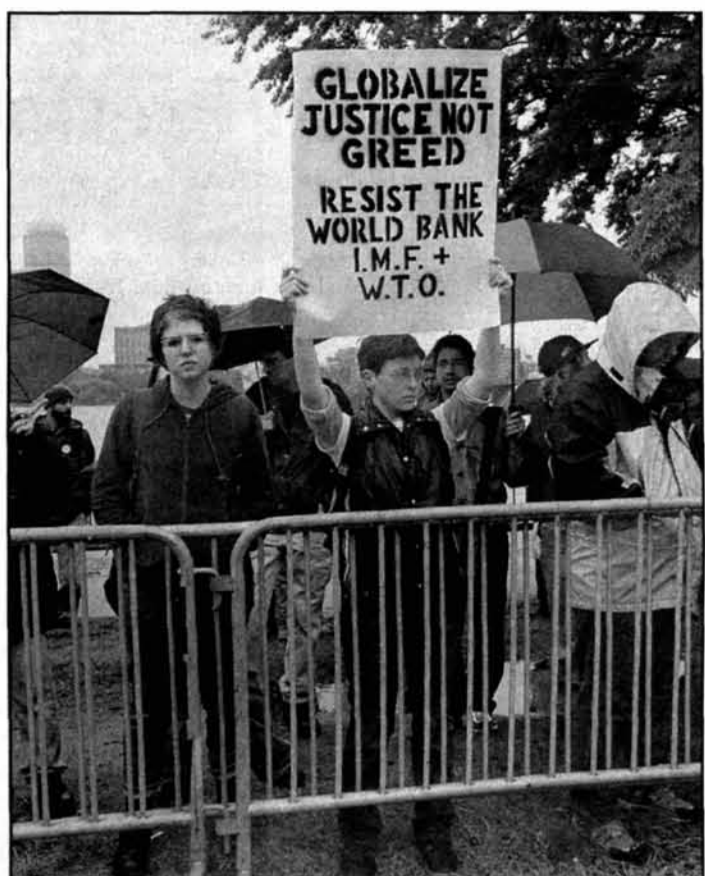
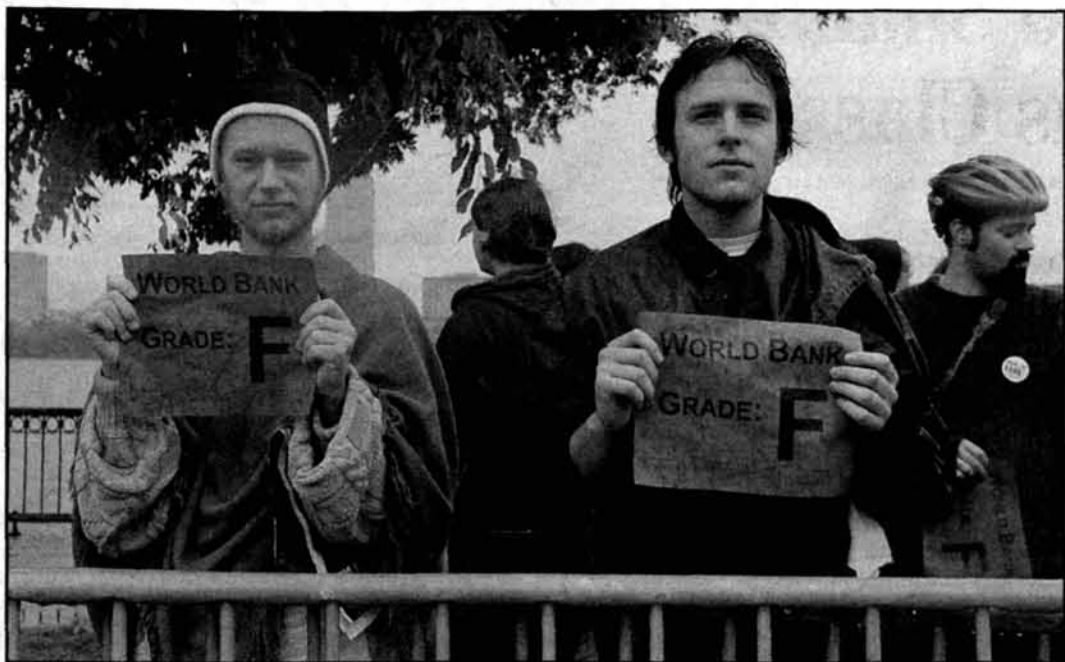


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Several dozen anti-World Bank protesters braved Friday's rain to demonstrate outside the Commencement exercises, where World Bank President James D. Wolfensohn delivered the Commencement address.

Police officers outnumbered protesters roughly two to one. State troopers in orange raincoats kept the protesters contained behind temporary fences set up along Memorial Drive, and a troop of riot police waited at the intersection of Massachusetts Avenue and Memorial Drive, lest protesters try to approach the Commencement procession.

Several protesters took turns with the megaphone, including Basav Sen from the Boston-area Bankbusters group, which petitioned the Cambridge City Council to boycott the World Bank's bonds.

Photography by Michelle L. Povinelli

# Commencement Speakers Encourage Social Activism

Commencement, from Page 1

Most attendees were still happy to be in Killian Court. "Despite the difficulties of bad weather and rain, I can't think of anywhere else I'd rather be than rainy Boston," said Dick Whalen, father of graduate Todd E. Whalen SM '02.

However, the conditions were eventually too harsh for most. By the conclusion of the ceremony, less than half the graduates and audience members remained.

### Heightened security marks event

Wolfensohn's association with the World Bank has generated controversy on campus since his selection as commencement guest speaker was announced in February. In an attempt to prevent interruption of the ceremony, administrators implemented far-reaching security measures.

"People do have the right to disagree, but not to disrupt," Immerman said.

Extra security measures included increasing the typical security staff by approximately 50 people and performing a thorough security check on attendees. Graduates and guests were required to pass through

metal detectors and submit belongings for search by security personnel.

The security measures were complicated but met with success. Graduates and guests were quite satisfied with the security measures.

"I'd rather have a slight inconvenience, since it's worth the safety. They did a good job handling it," said Joel Parrish, father of Ian J. Parrish '02.

"The lines were moving pretty fast, even though they were long," said Revathi Ramani, sister of Prabha P. Kannan '02.

### Wolfensohn draws criticism

Prior to the ceremony, red "report cards," grading the World Bank with a large "F" were distributed by protesters for audience members to hold up during Wolfensohn's address. Wolfensohn made reference to the cards during his speech, laughing them off. "I got too many of them when I went through university," Wolfensohn said.

Other protests held off campus attracted a crowd somewhat smaller than anticipated. An estimate of one to two hundred was given for the number of protesters that marched

as far as Harvard Bridge, where they were stopped by security personnel.

"Perhaps the weather was a factor," Immerman said.

### Wolfensohn's stresses equity

Although Wolfensohn's controversial presence at Commencement brought significant publicity, the critical moment passed fleetingly. In contrast to typical Commencement addresses, Wolfensohn's spanned only a few minutes. In the words of graduating senior Megan E. McBee '02, the address was "short and sweet."

Wolfensohn's primary message to the graduating class was that they must rise to meet the challenge of "planetary equity." He declared the world was no longer a place where one's personal interests were independent of conditions of others around the world.

"The issue of poverty, the issue of development, the issue of equity is your issue. You cannot avoid it. It is the issue of peace, and you, all of you here, have been trained to make our world a better place."

Wolfensohn also commended MIT for taking an active role in the education of global community, in

particular by introducing its new OpenCourseWare system.

### Students, Vest stress social concerns

Social activism and concern for world affairs was an issue every commencement speaker addressed.

Graduate Student Council President Dilan A. Seneviratne G, advised that peace may be achieved if students followed the simple etiquette of always being considerate of others. "We must care about the ourselves as much as those around us," Seneviratne said.

The Class of 2005 gift also reflected the spirit of working for the sake of a progressive peace. Class President, Sudeb C. Dalai '02, presented the Class of 2002's Peace Garden to MIT President Charles M. Vest. "The Peace Garden symbolizes our community's strength and solidarity and the growth of the MIT student," Dalai said.

President Vest charged graduates to use their education, talent, and energy to build a healthier world community. Vest also pointed out that cooperation among people of all nationalities and economic backgrounds has been

instrumental in the success of MIT and America in the past. He emphasized that continuation of such cooperation would be important to the world's future.

### EMTs debut during ceremony

A new student organization made its debut during this year's commencement. The MIT Student Emergency Medical Services organization assisted the Commencement medical staff in providing care for attendees.

"It was our first large-scale coordinated event," said SEMS President Michael R. Folkert G.

For the past two years, SEMS has been training MIT students as certified emergency medical technicians. SEMS is part of the MIT administration's effort to provide confidential emergency medical support for students. Commencement was the first time many MIT student EMTs were able to put their skills to use.

"It's been a tough event. There are a lot of cold people," said Samuel A. Schweighart G, chief of the SEMS ambulance corps.

This summer, SEMS members will begin staffing the MIT ambulance four nights a week.

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## June 2002 Horoscopes


by Raging Comet




**Gemini (May 21 - June 20)**  
Your harsh criticism of the movie you saw last night will amuse many who become your friends and worshippers. Join *The Tech* and write for arts.




**Cancer (June 21 - July 22)**  
You will beat the police to the scene of a local murder and feel a strange compulsion to tell all about the next administrative goof. Join *The Tech* and write for news.




**Leo (July 23 - Aug 22)**  
You're going to be miserably unsuccessful in every other area of your life. Might as well join *The Tech*.




**Virgo (Aug 23 - Sept 22)**  
You like Alan Greenspan. You need money. Join *The Tech* biz staff.




**Libra (Sept 23 - Oct 22)**  
Your significant other is cheating on you with your sibling. Join *The Tech* and exact revenge.



**Scorpio (Oct 23 - Nov 21)**  
Your purpose in life is to make other people look good. Join *The Tech* and work for prod.




**Sagittarius (Nov 22 - Dec 21)**  
That other guy, he's wrong. Tell the world. Join *The Tech* and write for opinion.




**Capricorn (Dec 22 - Jan 19)**  
Your mother will find it and call it pornography. We call it art. Join *The Tech* and become a photographer.



**Aquarius (Jan 20 - Feb 18)**  
Strangers will learn to value your advice and your sense of humor. Join *The Tech* and write for features.



**Pisces (Feb 19 - March 20)**  
You are faster, better, and stronger than the rest. Join *The Tech* and write for sports.



**Aries (March 21 - April 19)**  
You like seeing your name in print. You also like putting things on your resume. Join *The Tech*.



**Taurus (April 20 - May 20)**  
Just join *The Tech*.



LOUIS RAMOS

Strung Out performed at Karma Club on June 8. The concert also featured Poison the Well, Rise Against, and Rufio.

### INTERVIEW

## Strung Out

### Veteran Punk Rockers Still Have the Magic

By Joseph Duncan

Ten-year veteran punk rock act Strung Out returned to Boston after a four year hiatus between records and blasted Lansdowne Street's Karma Club with its unique blend of simultaneously melodic and aggressive punk rock last Saturday to promote its new album, *An American Paradox*. Bringing Poison the Well, Rise Against, and Rufio with them, they were welcomed by a packed and enthusiastic crowd.

Rufio opened this twentieth show of its first tour with a surprising set which showed all who were there at 6:00 pm that it wasn't just another opening act who was going to play for twenty minutes while people filed in and then just walk off stage to be instantly forgotten. Although by no means a perfect performance, Rufio showed considerable talent and consistency for such a new and young band. Also hailing from Strung Out's hometown of Los Angeles, the band play a light-hearted brand of emo/punk, stuffed with vocal harmonies and melodic guitar riffs.

Chicago's Rise Against provided an astounding change of pace from Rufio, immediately hitting the crowd with an onslaught of hardcore punk rock. The melodic undercurrents in the band's songs distinguish them somewhat from a lot of other hardcore, yet the connection was still there as the lead singer, Tim McIlrath, shouted to the crowd at one point, "Sing along.... If you don't know the lyrics, just scream."

Poison the Well went further down the hardcore track. They seemed to be the least coherent of all the bands, as their songs tended to blur into a mash of noise — rather than music — far too frequently. While their studio music shows promise, their live shows need a lot of work to prevent them becoming an offensive blur.

Playing songs from just about all their records, Strung Out closed the show with an energetic performance that would make anyone proud. Jason Cruz, the lead singer, brought back memories of Bad Religion with his incredible presence and sincerity on stage.

Although the majority of the songs performed were done with little or no modifications from the studio versions, the live performance communicated an irreproducible sense of emotion and weight that few bands can match. "Firecracker" from *Suburban Teenage Wasteland Blues* and "Cult of the Subterranean" from the new record, *An American Paradox*, highlighted just how much the band has evolved over the past eight years, while still retaining the magic that got it started in the first place. The members of Strung Out successfully showed that they still know how to put on one of the best punk shows around.

The five-piece band, comprising Jason

Cruz (vocals), Rob Ramos (guitars), Jordan Burns (drums), Jake Kiley (guitars), and Chris Aiken (bass), took a step towards the darker side of life with *An American Paradox* and this tour.

*The Tech* spoke with Burns and Kiley before the show:

*The Tech*: What music did you listen to as kids that made you want to be a musician?

*Jake Kiley*: A lot of progressive metal and punk. I always liked the harder styles of metal, and then I heard The Descendents and The Misfits and that kind of got me into Punk Rock.

*Jordan Burns*: When I was a little kid I liked Kiss and a lot of other metal and rock bands. That evolved into all the punk bands — Bad Religion and The Dead Kennedys, and I guess it just went from there.

*TT*: What made you want to be a drummer?

*JB*: I played guitar first when I was really little. After that, I didn't really play anything for about three years, until I started playing drums. The first time I sat down on a drum set I could just naturally play. So I rented a drum set for three months. My parents made me rent one first, you know, just to make sure it was something I wanted to do — and it was something I wanted to do so I just never stopped.

*TT*: How much of the new sound was influenced by [Chris, who joined the band in 1999] and how much was just the natural progression that the band was taking?

*JK*: I think it would've happened anyway. When Chris got here, it definitely improved that aspect of the band, but it just accelerated us in a direction we were already headed. But you know what? The band just couldn't have existed the way it was anyway so it was something we had to do to make the band a productive thing again. Now there's no limit on what we can do. I think the new record is taking the best from all the old stuff, but it's also doing some things that we've never done before.

*TT*: What do you guys do to prepare for a show?

*JK*: We don't really have a ritual or anything like that. I try to play guitar for about ten minutes before going on, but that's about it.

*JB*: This tour we've actually taken to watching the Cradle of Filth video before going on. They're pretty sick.

*TT*: What's a classic story from one of your tours?

*JB*: On this tour we broke into Rufio's room — this is their first tour. We got into their room and we lit off a Piccolo Pete while they were asleep. It was like five in the morning and they were dead asleep. It smoked out the whole room and they all had to come out for like an hour.

*TT*: What's one of the hardest things you've had to overcome as a band?

*JK*: Well you have to deal with all the

personalities, you know? It's like a marriage — almost like a family. You wouldn't always hang out with these people if you were just friends, but when you're involved with something like this you have to learn how to deal with them. We all get along, but when you're together in a van or a bus for a six or seven week tour, every little thing about that person gets magnified. There are so many great things that inspire us on tour, though, so I look at that shit, I don't really look at the stupid things.

*TT*: Do you write music on tour?

*JK*: Sometimes — we write both at home and on tour. I need to get a new four-track. Our last one broke, so we need to get a new one and record a bunch of ideas, because we already have like five or six ideas.

*TT*: Some of your music seems to have a political message behind it. Is this just Jason's perspective or is it a message from the whole band?

*JK*: Jason writes all the lyrics himself. I've never been much into the political side of things. What I get from our lyrics is that Jason just sings about the things that he's been through. The music to us is just emotions. When I write my music I try to put together music that just sets a tone. The music comes first and then Jason writes all the lyrics afterwards. I think he does a great job of taking the feel of the music and giving it a voice.

*TT*: Where did you come up with the name Strung Out?

*JB*: We had the song "Strung Out" on the Skinny Years demo and someone said it looked good on a sticker. It just kind of stuck and it's still here today.

*TT*: What advice would you give to anyone wanting to get into the music industry now?

*JK*: You've just got to be willing to give up everything to do it. It's one of the seediest industries in the world. We're really lucky to work with the people we do.

*JB*: You need to be willing to work through a lot of headaches and problems along the way. I think it's even harder today than we first started. If you're in a small band, you just have to play because you love to play. You need to do it because you love to play and put the whole making money thing aside. Back in the beginning, we were sleeping on peoples' floors, in church parking lots, at rest stops with sleeping bags. I think if we didn't go through that it'd be lame, though. If we'd just signed a major record deal, jumped on a big tour bus and bypassed all the roots stuff, all the uphill battle, we wouldn't have the perspective of what we've done. We had like six people in a van and we'd drive past a big tour bus and just dream about it, but here we are now.

*JK*: The independent scene is safer, but you have to be willing to work a lot harder. You have to go out there and spend a good five to ten years really. It doesn't just happen overnight.

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CONCERT REVIEW

# Alanis Morissette

*You Oughta Know Better.*

By **Pey-Hua Hwang**  
STAFF WRITER

Alanis Morissette  
Tweeter Center  
June 5, 2002

Perhaps it was the incredibly muggy weather, or perhaps the crowd was just tired, but the opening number of Alanis Morissette's show was lackluster. The energy took a step downward from the excited anticipation that had built up in the crowd during the set change after opener Howie Day. Morissette, dressed in a sheer red tank top and black leather pants, opened with "Baba." Fortunately, the excitement in the crowd soon picked up and by the fourth song, "Hand in My Pocket," the crowd was singing along. During this song, Morissette was clearly in her element, gesturing confidently and working the front of the stage like a motivational speaker.

Morissette took the energy from the crowd and internalized it, delivering it back to the audience in the focused form of several ballads titled "Purgatory 1," "Purgatory 2," and "Purgatory 3." These ballads were interspersed throughout her set and showcased her vocal range. Other highlights of the set were the thoughtful "That Particular Time," which she played in the second encore as a calming finisher, and the hit single from the album

*Jagged Little Pill*, "You Learn," which had Morissette running around in circles, banging her head, and joining the drummer for a clanging cymbal finish.

Morissette's music has diversified from songs composed of pure angst to include the influence of eastern sounds and more reflective melodies. In "Flinch," she played an acoustic guitar instead of her sparkly electric model and evoked a more intimate and vulnerable mood. A pleasant addition — a whole new set of lyrics or at least a cover of some other song in the middle of "So Unsexy" — also helped set this live performance apart from the experience of merely blasting her CD.

Unfortunately, Morissette still hasn't really figured out what to do with her hands and feet when she's singing an up-tempo song and the microphone is in the stand. She fidgeted, swaying back and forth and waving her hands like a conductor with a nervous twitch. She also had trouble communicating with the audience. She seemed overly anxious, and tossed out a "Thank you so!" or "Thank you so much!" after every song, as if the audience would start to leave if she didn't address them every so often. Perhaps it was fitting that she closed her set with the song "Thank You," which involved the aforementioned nervous-tic dancing.

Her band, which consisted of two gui-

tarists, a bassist, and a pianist, was a seriously under-showcased asset. Although they were all acknowledged at one point or another during the show, the instrumentalists were denied many opportunities for riffs and solos. Longer jam sessions on stage would have broken up the "All Morissette, all the time" feel of the concert. As it was, the band members seemed like little more than moving background statues.

Though she connected with her audience best when singing, Alanis didn't use the time-honored call-and-response tactic to build audience involvement. Perhaps the confidence she could have gained from hearing her choruses belted back at her during songs like "Head Over Feet," which had the majority of the amphitheater standing and singing along, would have reduced the number of unnecessary Thank you's.

Overall, the concert was enjoyable, if not earthshatteringly revelatory. It was often hard to hear the lyrics, which reduced the emotional power of her music. Unless the listener already had all the songs memorized, the experience was truly enjoy-

able only during the radio hits and the slower ballads. A newcomer to Morissette's music would not have been overwhelmed at this concert, but a devoted fan could leave having danced to and sung along with every tune.



Alanis Morissette performed June 5 at the Tweeter Center. Her 2002 North American tour ends in Milwaukee on June 27.

## Alternative Music Festival Draws 30,000 to Foxboro

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enthusiastic encouragement finally sank in and the band began to loosen up.

The tight vocal harmonies between lead guitarists/vocalists Adkins and Tom Linton meshed with three guitars (including bassist Rick Burch) and drums (Zach Lind) for a gripping, crystalline punk-rock sound. The band capped off its set intelligently, rousing the audience's voices with the 1980s-esque "Whoah-oh-oh-oh-oh"s of "Sweetness" and finishing with the hit song "The Middle."

The energy and clarity of Sum 41's performance engaged the crowd, for a standout set. The bandmembers jumped, ran around, and even allowed "The Ladies Man" (who appeared to be a roadie) to play the drums. Guitarist Dave Brownson, leaped atop an amplifier in the middle of the stage and played a behind-the-neck solo, to his fans' delight. Sum 41 finished its performance with "Fat Lip," its hit off the *American Pie 2* soundtrack and the album *All Killer No Filler*.

The Strokes' stylish, composed stage presence initially seemed to mimic that of Our Lady Peace, but it soon became evident that this New York club band was a significant force to be reckoned with, or at least introduced on *The Ed Sullivan Show*. Sporting vintage haircuts, slim pants and close-fitting jackets on waiflike bodies, the band made a blast-from-the-past fashion statement that might have been ridiculous had their formidable musical talent not blown away any nonbelievers. The band's deliciously addictive sound combined 1970s influences and quick, sharp hooks with lead singer Julian Casablancas' modern, micro-

phone-clutching vocals in songs like "Take It Or Leave It," "Soma," and "Barely Legal."

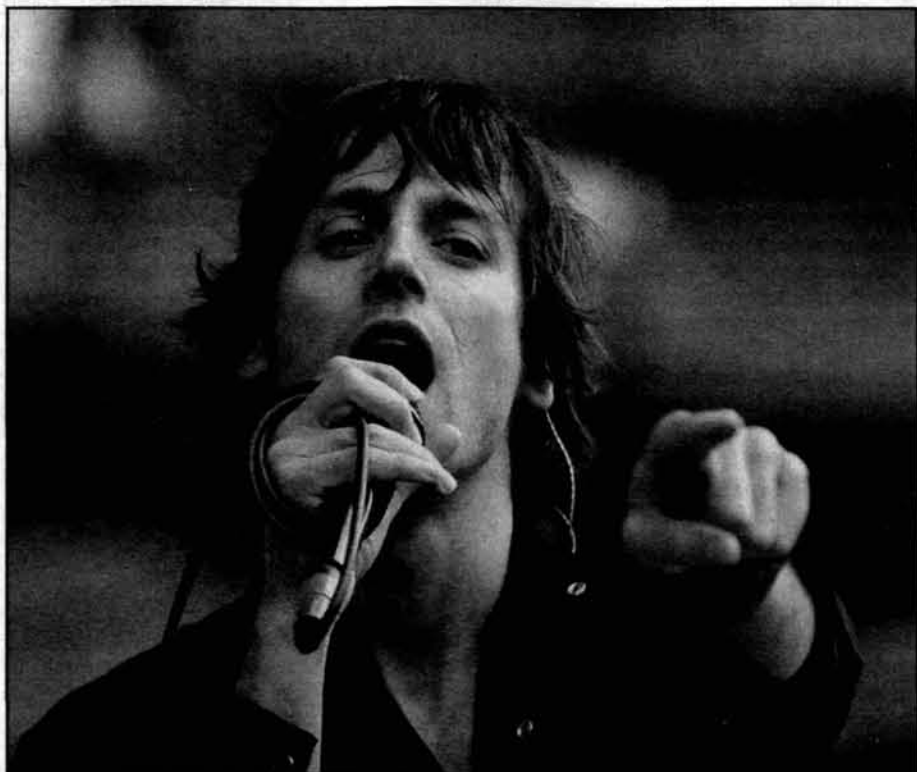
The gritty, understated vocals of dreary-eyed, pretty-faced Casablancas were inaudible in the din of overamplified instruments, but the projection monitors on the sides of the stage revealed his brow contorting with the internalized labor of working himself up to the throat-tearing "Last Night." Albert Hammond Jr.'s hyperkinetic guitar solos threatened (nicely) to turn into "Johnny B. Goode," while Nick Valensi made short, memorable declarations with his guitar. Nikolai Fraiture brooded over his bass and Fabrizio Moretti went fabulously insane, his body conducting the complex beats and rhythms of his drum set.

Papa Roach began its performance with one of its hits, "Between Insects and Angels." Lead singer Jacoby Shaddix's voice didn't project over the loud distortion created by the amplifier, a problem that turned to be advantageous for Papa Roach, because the crowd knew enough of the lyrics to sing for him. At "Last Resort," Shaddix stopped singing altogether, and no one seemed to care.

This year's River Rave comprised nine memorable hours of sweat, commercialism, raving, screaming, and, last, but not least, music (including a surprise appearance by early 90s rap act Public Enemy). The amplified instruments and voices of established, new, and rising stars bestowed not only temporary deafness but a deep, albeit hot and sticky, satisfaction on the thousands of people who made their way to Foxboro with expectations for old favorites and left having heard new ones, and who look forward to next year's similarly varied showcase of punk, rock, and hip-hop.



Public Enemy made an appearance and filmed crowd scenes for an upcoming video for the new song "Give the Peeps What They Want."



Lead singer Rain Maida of Canadian rock band Our Lady Peace gestures toward the audience from the main stage.

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# THE ARTS

## CONCERT REVIEW

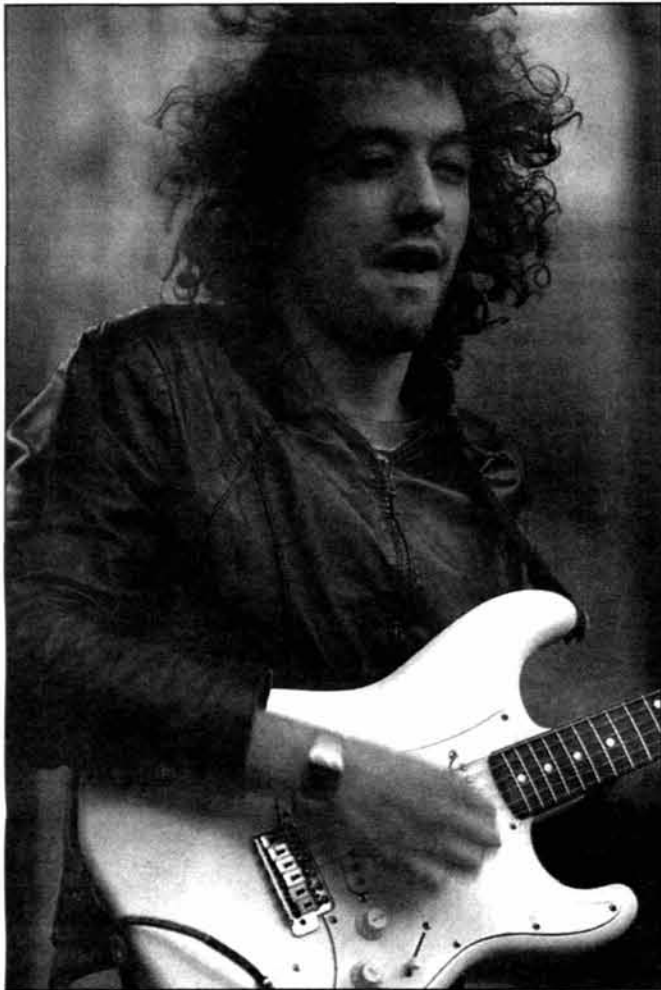
# River Rave 2K2

### Salt, Sweat, and Music Draw Punk, Rock, and Hip-Hop Fans

By Sandra Chung, Patrick Hereford, and Pey-Hua Hwang

STAFF WRITERS

**W**BCN's River Rave 2K2 gathered twenty-two artists and 30,000 fans for a lot of loud, live music in and around the vast new CMGI stadium in Foxboro. The artists were separated by style into three categories with corresponding venues. Larger rock and hip-hop acts such as Our Lady Peace and Outkast performed for the majority of the audience from the main stage.



Albert Hammond, Jr., a guitarist for the New York band The Strokes, strums his axe.

Smaller crowds gathered in the parking lot, which hosted a rave tent for spinners like Paul Oakenfold, and a small stage for indie bands like A New Found Glory and Abandoned Pools.

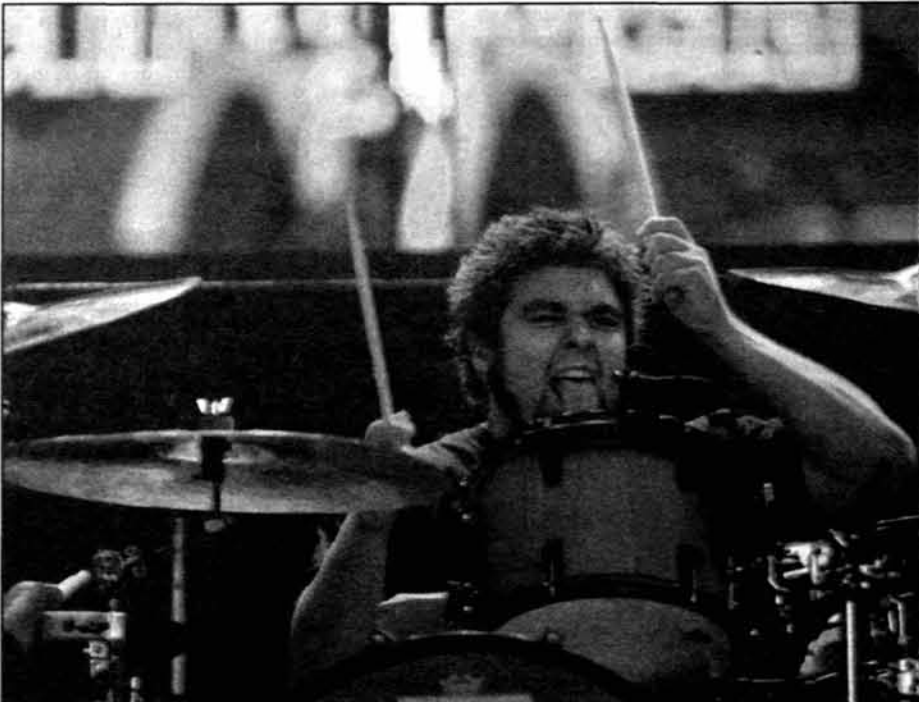
The parking lot also featured a few carnival attractions (e.g. greasy food stands and a climbing tower) as well as the usual merchandise stands and a constantly mobbed autograph booth where artists were scheduled to appear and sign their CDs. A halfpipe, where skateboarders performed aerial tricks, catered to fans of the X games, and offered a chance to win an Xbox. The popular SoBe and Dunkin' Donuts stands gave out free drink samples which nearly

(Clockwise from right)

Spinner Paul Oakenfold performs for an enthusiastic audience in the rave tent, in the parking lot next to CMGI field.

Actor and musician Jack Black, of Tenacious D, steps up to the microphone on the main stage.

Drummer Dave Buckner keeps the beat for popular hip-hop/rock group Papa Roach. Photography by Aaron D. Mihalik.



offset the highway robbery of five-dollar bottles of water. Thankfully, the pleasantly warm weather never reached the dangerous 100-degree-plus temperatures of last summer's Vans Warped Tour, so fans survived and artists had to work up a sweat.

Though the bands on the smaller stage were more obscure than those in the stadium, they still infused their sets with plenty of energy. Simple Plan won over the crowd with its charisma, self-deprecating humor, and accessibility, as well as a clean, solid performance. The lead singer declared to the audience, "If I just happen to jump, catch me," and managed to get in a bit of crowd surfing. The band's songs were all upbeat, with well-intoned vocal harmonies and perfectly timed jumps in rhythm to music like the catchy "Don't Mean Anything To Me."

Simple Plan catered well to the predominantly teenage crowd with the song "The Worst Day Ever," which lead singer Pierre introduced by yelling "Let's say 'Fuck Monday!'" after polling the audience as to whether they had to go to school or work the next day. Simple Plan's music had an infectious quality, a combination of rebelliousness and innocence that captured every teenager's "The sky's the limit" outlook on life with songs like "One Day." The band's genuine enjoyment of performing showed in their omnipresent smiles and enthusiasm, as well as their willingness to meet their fans face-to-face outside the autograph booth.

On the main stage, the wildly popular rock band Our Lady Peace gave a lukewarm performance.

The stark contrast between the high-energy performances of other artists and the studio-session calm of Our Lady Peace made it seem as though the band was giving nothing to an audience who was giving everything. The huge crowd moshed and sang along to unembellished hits like "Superman's Dead," "Clumsy," and "Starseed," with nothing offered in return but a perfunctory stunt from lead singer Rain Maida, who climbed a tall metal column at the front of the stage with a microphone in his hand but didn't break a sweat throughout the whole performance.

Our Lady Peace's set could not have been

more different from Tenacious D's. With their dual gifts of comedic and musical talent, the dynamic pair of Jack Black and Kyle Gass was born for live performances. Armed with only acoustic guitars and their own voices, they assaulted the audience with a crude, hilarious medley of impromptu humor and music.

In between numbers from their self-titled release, Black asserted his Napoleonic complex by competing with Gass in a pedestal size contest, and loudly declaring his search for "backstage Bettys." He solemnly introduced the saxaboom, a toy saxophone on which he feigned playing a short solo, then sang a silly version of the original Star Trek theme that elicited confused but enthusiastic cheers from the relatively young audience. None of this tomfoolery dimmed the pair's impressive musical talent, exemplified by Gass' formidable skills on the guitar and Black's all-out, perfectly intonated vocal style, which raged from falsetto balladeering to forceful belting.

Jimmy Eat World gave an equally intense but significantly more introverted performance. The band appeared to be somewhat intimidated by the huge, wild audience — a supposition confirmed later by band leader Jim Adkins'



Lead singer Deryck Whibley of Sum 41 jams from atop an amplifier during his band's performance at River Rave 2K2.

assertion that he'd never thought a band he was in would be playing to massive crowds with girls wearing marijuana leaves sitting atop guys' shoulders. Adkins introduced the band with a simple "Good afternoon," before launching immediately into "Praise Chorus," "Bleed American," "If You Don't, Don't," "Get It



An kid in a wheelchair involuntarily surfs the rowdy crowd at CMGI field.

Faster," "The Authority Song," "Lucky Denver Mint," and "No Sensitivity," without so much as a breath between songs. He added a timid, "Thank you very much," before, "Goodbye Sky Harbor," after which the audience's loud,

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