

## Hundreds Gather at Rally for Peace



JACQUELINE Y. YEN—THE TECH

In response to the terrorist attacks and the threat of war, several universities, including MIT, Harvard, and Caltech, held synchronized rallies in the name of peace and justice on Thursday afternoon.

By W.S. Wang  
STAFF REPORTER

Hundreds of students, faculty, and staff gathered on the McDermott Dot yesterday for MIT's Rally for Peace, sponsored by the MIT Social Justice Cooperative. The

event was the initiative of over a hundred and fifty college peace organizations across America. A press release issued by the event's national organizers said that people on campuses all over the nation met yesterday at noon to "offer our con-

dolences and support for the victims" and to "reaffirm the sanctity of life by seeking peace and justice in the wake of Tuesday's tragedy."

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## MIT Dining Creates Required Meal Plan

Student Feedback Will Determine Details

By James Harvey

Campus Activities Complex Director Phillip J. Walsh announced at yesterday's Dormitory Council meeting that MIT has decided to implement a mandatory meal plan for all students living in dormitories.

"The decision has been made by the Institute to move to a participatory meal plan," he said. A minimum level of participation in such a plan would be mandatory for all undergraduate dormitory residents, but the details of possible meal plan options are yet to be finalized. This reformulation of the dining system comes as the current contract with Aramark is set to expire at the end of the year.

"The administration has the right idea in going to the community for input," said Matthew S. Cain '02, DormCon president. "It is aiming for the right thing — focusing on

improvements on hours, quality, and service while trying to build community — but it should be careful not to destroy residence hall communities centered around their kitchens. Preserving choice is key."

The proposed dining plan involves renovating dining halls at Burton-Conner House, McCormick Hall, and Next House. It also includes the dining hall at Simmons Hall, the recently renovated Baker Dining, and Walker Memorial, which would be affiliated with East Campus.

These dining halls would most likely be run by the same contractor. Other dining areas, including those in the Stratton Student Center and the new Stata Center dining facility, would be run by independent restaurants.

The plan calls for the six residential dining operations to serve dinner Sunday through Friday as well as Sunday brunch. Kosher options will be available, and vegetarian and vegan menus will be extended.

The new plan will most likely have two main components: a set number of "board" meals at residential dining halls and a declining balance that could be used at any of the dining facilities or vending machines. On-campus convenience stores would continue to be covered by the declining balance, but non-food services such as laundry would not.

Richard D. Berlin III, director of Campus Dining Services, acknowledged some special circumstances. Many of the cultural houses now have community dinners; it is unclear how these will be affected. Random Hall is also of concern, as it is not near any residential dining hall.

Campus Dining will hear student input at a town meeting on October 3.

## Fall Recruiting Begins

2001 Career Fair Attracts Fewer Companies

By Rima Arnaout  
NEWS AND FEATURES DIRECTOR

160 companies braved a sluggish economy to attend this year's career fair, which will end today.

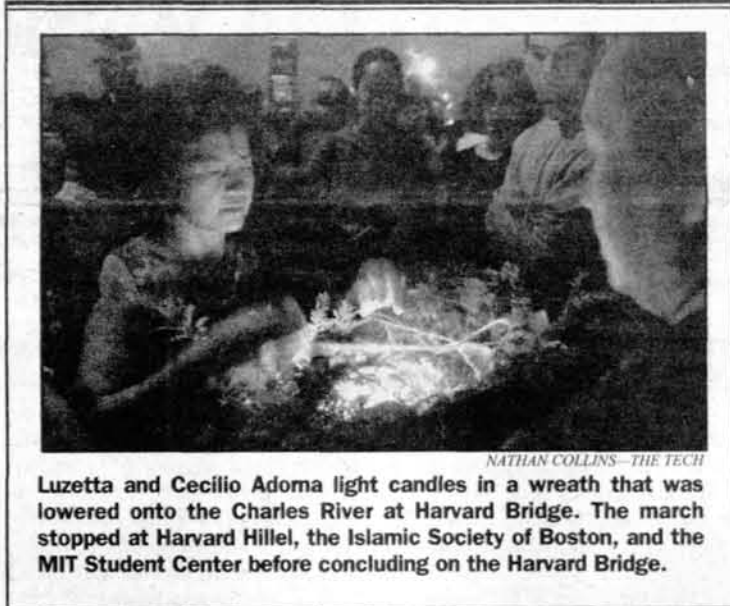
Judy L. Chen '02, a major in Course VI (Electrical Engineering and Computer Science), said that there were a lot fewer companies than in previous years and they didn't recruit as actively. "There weren't as many Course VI companies as before, but it seems like there were more companies for other majors," Chen said.

Neil Sengupta '04 is a Course VI major looking for an internship for next summer. "It's pretty intimidating with all the companies here, but it's great because they're very willing to talk to you and give you free stuff."

Jimmy C. Chang '02, an organizer of the career fair, said that running the career fair was a lot harder this year with the down market and the recent tragedy. "We had a hard time getting companies to come, especially startups. A lot of the startups that were at the career fair last year no longer exist this year," he said.

"However, the people on the committee — the GSC (Graduate Student Council), SWE (Society of Women Engineers), and Class of 2002 Council — worked really hard to get this going, and we pulled through," Chang said. "After talking to a lot of the companies at the career fair, many believed it was better organized and more focused

Career Fair, Page 21



NATHAN COLLINS—THE TECH

Luzetta and Cecilio Adoma light candles in a wreath that was lowered onto the Charles River at Harvard Bridge. The march stopped at Harvard Hillel, the Islamic Society of Boston, and the MIT Student Center before concluding on the Harvard Bridge.

## BASICS Attempts to Stop Binge Drinking; Features Survey, Personalized Counseling

By Richa Maheshwari

In a continued effort to promote healthy attitudes toward drinking on a campus often criticized for its alcohol policies in the past, MIT is piloting a new alcohol program called Brief Alcohol Screening and Intervention for College Students (BASICS).

The program gives all freshman the chance to submit a nine-question online survey on alcohol consumption, and pays them \$25 in return. Based on their answers, they may then be asked to partake in two voluntary counseling sessions offered by MIT Medical.

### Harm-reduction approach

BASICS is modeled after a successful study done at the University of Washington in Seattle. Four years after a similar program began, it was

found that the rate of alcohol-related problems was 50 percent lower in students who participated in the program than those who did not.

The effectiveness of the program lies in the fact that it is not a typical lecture on alcohol. Rather, it tailors the counseling sessions to fit the needs of each individual student.

"The program will help students identify what they are not happy with and how to go about changing it," said Carol Orme-Johnson, assistant dean and director of mediation at MIT. The new method of educating the students is referred to as the "harm-reduction approach."

The program aims to reduce occurrences of excessive drinking on campus, without aspiring to the outlandish goal of eliminating alcohol consumption completely. Adam Silk, a psychiatrist at MIT medical and

coordinator of the program, believes that the success of this program lies in the fact that it does not focus on abstinence.

"College students who are already drinking are unlikely to want to stop drinking entirely. However, they might want to drink and avoid some of the more unpleasant consequences," he said.

Although the program will help those who do want to abstain from alcohol achieve their goal, it is prepared to deal with the realistic possibility of educating students on reducing the negative consequences of drinking.

"BASICS is unique because it seeks to reduce harm that may come from drinking by first identifying people that may have had those expe-

BASICS, Page 18



MATTHEW T. YOURST—THE TECH

A representative from United Technologies shakes hands with a student during Thursday's Career Fair. Over one hundred companies staffed booths at the event.



Kurzweil speaks at \$50K Kick-off.

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Comics

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MIT's Athletics Department forms a club sports council.

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# WORLD & NATION

## U.S. Officials Try to Sustain Israeli Cease-Fire after Violence

LOS ANGELES TIMES

JERUSALEM

U.S. officials, eager to see calm in the Middle East as they seek a global anti-terrorism alliance, struggled Thursday to hold Israelis and Palestinians to a fragile cease-fire that was threatened by shootings and rising political opposition.

Palestinian gunmen early Thursday opened fire on a family of Jewish settlers traveling near Tekoa, a settlement in the West Bank. A 26-year-old mother of three was killed and her husband badly wounded. Their two toddlers and 4-month-old infant, who were riding in the car's back seat, witnessed their mother's death but escaped injury. Five Israeli soldiers and a civilian security guard were injured in shootings in the Gaza Strip later Thursday, and Palestinian officials reported one Palestinian killed by Israeli fire in Gaza.

Palestinian Authority President Yasser Arafat on Tuesday declared a wide-ranging cease-fire, and Israeli Prime Minister Ariel Sharon responded by pulling back troops from some Palestinian territory and halting offensive military actions. Both were under enormous U.S. and European pressure to defuse the conflict that has killed about 800 people in the last year.

Yet no sooner had hopes of a breakthrough arisen than new violence put the efforts in doubt. "I am very sorry that the Palestinian Authority has not honored its (cease-fire) pledge," Sharon said Thursday. In the evening, he convened his Cabinet to decide whether Israel will continue to uphold its end of the bargain. Also up for debate was whether his foreign minister, Shimon Peres, will be allowed to meet with Arafat.

## Various Groups Begin to Urge Caution in War on Terrorism

THE WASHINGTON POST

WASHINGTON

The Justice Department's antiterrorism legislation, which once seemed likely to sweep through Congress on the storm of anger arising out of the World Trade Center and Pentagon attacks, has been slowed as legislators and public interest groups begin to review its provisions. With dozens of proposed changes in criminal and immigration law, the package put together by Attorney General John Ashcroft and his staff has quickly drawn opposition from some members of Congress, as well as a diverse collection of interest groups. Thursday, more than 125 of those organizations joined in a statement warning that legislation and regulations adopted in the heat of anger could "erode the liberties and freedoms that are at the core of the American way of life." The coalition, whose members range from the conservative Eagle Forum and the Gun Owners of America to the liberal National Lawyers Guild and the Gay and Lesbian Task Force, called for calm and deliberate action that honors constitutional rights—especially free speech, and avoids stigmatizing any racial, religious or ethnic group.

Organizations representing Muslim, Hispanic, Chinese, Japanese and Arab Americans joined the alliance, along with such traditional civil rights groups as the NAACP and the Leadership Conference on Civil Rights.

Those differences "are expected to be narrowed" by the time the Senate panel holds a hearing on the measure on Tuesday, a committee spokesman said Thursday. House Majority Leader Dick Armey, R-Texas, told reporters that lawmakers may be able to move quickly on sections of the legislation dealing with changes needed specifically for the current investigation.

Among the most controversial sections are those that would widen the government's ability to detain or deport foreigners. The provision would apply "to all aliens regardless of when they entered the United States or when they committed the terrorist activity," according to a Justice Department analysis of the legislation.

# President Bush Vows to End Terrorism By Military Force

By John F. Harris and Mike Allen

THE WASHINGTON POST

WASHINGTON

Standing before a united Congress and a stricken nation, President Bush Thursday night described in stark and forceful terms a global war against terrorism, issuing an ultimatum to the Taliban regime in Afghanistan to immediately turn over Osama bin Laden and vowing that "from this day forward, any nation that continues to harbor or support terrorism will be regarded by the United States as a hostile regime." To bipartisan roars of support, Bush promised that the United States will punish and ultimately vanquish the terrorist forces that executed the deadliest attack ever on U.S. soil ten days ago.

But he pleaded for patience from Americans in waging war against a sprawling, shadowy foe vastly different from any the nation has fought before. "Tonight we are a country awakened to danger and called to defend freedom," Bush declared from the podium in the House of Representatives. "Whether we bring enemies to justice, or bring justice to our enemies, justice will be done." The

speech clarified in important ways how the president conceives the coming campaign. Bush described a diverse array of military strikes executed over time, ranging from airstrikes that will have highly visible results to covert actions that will not. He made plain that the immediate target is suspected terror mastermind bin Laden and the al Qaeda network he heads, as well as the Taliban regime if it responds with anything less than complete cooperation to his non-negotiable demands.

But Bush, describing a titanic struggle between the civilized world and radical Islam, said he would not stop there. "Our war on terror," he said, "will not end until every terrorist group of global reach has been found, stopped, and defeated."

"We will direct every resource at our command, every means of diplomacy, every tool of intelligence, every instrument of law enforcement, every financial influence and every necessary weapon of war, to the disruption and defeat of the global terror network," Bush declared.

He mentioned several times that the terrorists he was targeting prac-

tice a "fringe form of Islamic extremism," and that he was not labeling all Muslims as enemies.

The speech came as the U.S. military was rapidly revving its war machinery, dispatching ships and aircraft to the Middle East and calling up troops for what top officials said will be a military campaign of many months or even years duration.

"They are the same murderers indicted for bombing American embassies in Tanzania and Kenya, and responsible for the bombing of the USS Cole," Bush said. "They are recruited from their own nations and neighborhoods, and brought to camps in places like Afghanistan where they are trained in the tactics of terror. They are sent back to their homes or sent to hide in countries around the world to plot evil and destruction."

Calling their leader "a person named Osama bin Ladin," Bush called the terrorist network "the heirs of all the murderous ideologies of the 20th century," saying they "follow in the path of fascism, and Nazism, and totalitarianism." The list notably excluded communism, an unmistakable nod to China, where Bush hopes to win support.

# CIA Warned of Terrorist Attack

## Israeli Agency Saw Large Terrorist Movement into US

By Richard A. Serrano and John-Thor Dahlburg

(C) 2001, LOS ANGELES TIMES

WASHINGTON

FBI and CIA officials were advised in August that as many as 200 terrorists were slipping into this country and planning "a major assault on the United States," a high-ranking law enforcement official said Wednesday. The advisory was passed on by the Mossad, Israel's intelligence agency. It cautioned that it had picked up indications of a "large-scale target" in the United States and that Americans would be "very vulnerable," the official said. It is not known

whether U.S. authorities thought the warning to be credible, or whether it contained enough details to allow counter-terrorism teams to come up with a response. But the official said the advisory linked the information "back to Afghanistan and (exiled Saudi militant) Osama bin Laden." "There was a connection there," he said. Separately, federal authorities are gathering evidence that suggests that a small network of individuals helped fund and protect some of the 19 suicide attackers by providing cash, documents and possibly even safe houses. Attorney General John Ashcroft has said that authorities suspect that more airplanes were going to be hijacked and that other co-conspirators, possibly handlers and associates of the suicide attackers, remain at large. Mindy Tucker, spokeswoman for the Justice Department, said Wednesday that "we believe

there are associates of the hijackers that have connections to the terrorist network that are present in the United States." Other law enforcement authorities said such logistical support is typical within many terrorist cells. Some participants help others slip unnoticed from city to city, and country to country, by providing them with fake or fraudulent passports, cash gained through bank and credit-card fraud, and havens in their homes or in apartments rented under aliases, the authorities said. Officials continue to scrutinize the backgrounds of several individuals now in detention. They include Habib Zacarias Moussaoui, who was in a Minnesota jail on an Immigration and Naturalization Service violation on the morning that the World Trade Center towers were destroyed. He is now being questioned in connection with the attacks.

# WEATHER

## Rainy Start for Weekend

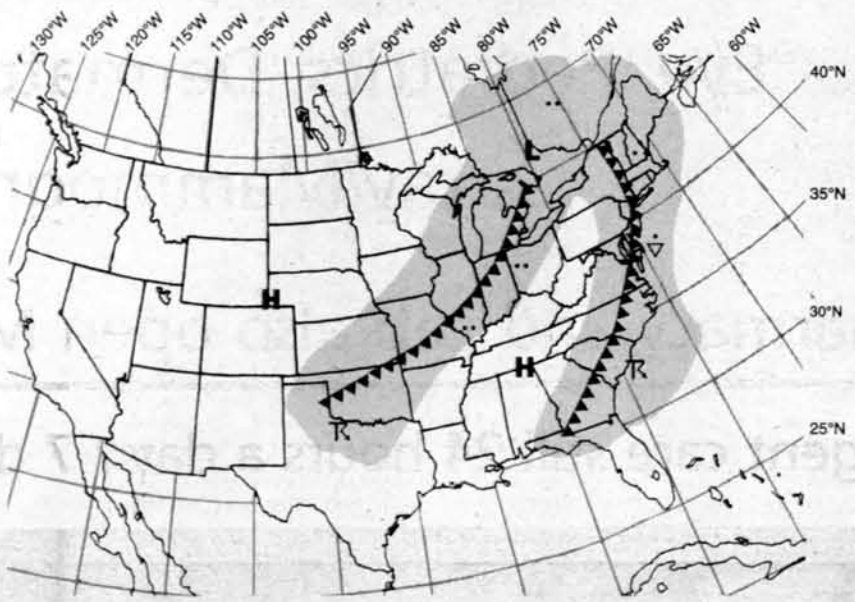
By Bill Ramstrom  
STAFF METEOROLOGIST

A fall-like weather pattern will be affecting the northeast over the next several days. A storm system is drifting northeastward into Canada from the Great Lakes region today. Ahead of this storm, a cold front is bringing us an extended period of showers and rain. This will linger into Saturday afternoon, though rain will not be falling continually.

### Weekend Outlook

- Today:** Rain. High 71°F (22°C).
- Tonight:** Cloudy with continued showers. Low 62°F (17°C).
- Saturday:** Some sun, but chance of an afternoon shower/thunderstorm. High 73°F (23°C).
- Saturday Night:** Clearing. Low 61°F (16°C).
- Sunday:** Sunny and pleasant. High 76°F (24°C).
- Outlook for Monday:** Fair early, with a chance of a shower late. High in low 70s (21-23°C).

Situation for Noon Eastern Daylight Time, Friday, September 21, 2001



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

Compiled by MIT Meteorology Staff and The Tech

# Religious Council Suggests That bin Laden Leave Afghanistan

## United States Not Satisfied with Act

By Tyler Marshall

LOS ANGELES TIMES

ISLAMABAD, PAKISTAN

A decree issued Thursday by a religious council that encouraged terrorism suspect Osama bin Laden to leave Afghanistan voluntarily is viewed in the region as an important step forward, though it was swiftly dismissed by the Bush administration. Political analysts and diplomats in Islamabad, described the Afghan council's edict as a significant softening of the ruling Taliban's resolve to shelter the Saudi exile.

Bin Laden has been labeled by the

Bush administration as the prime suspect in last week's attacks. The wording of the edict was elliptical but constituted a shift of position for Afghanistan's ruling Taliban movement, analysts said.

In Washington, the Bush administration was quick to reject the council's move as insufficient. It demanded, as it has previously, that the fundamentalist Islamic regime quickly surrender bin Laden and break up his militant al-Qaeda organization. White House spokesman Ari Fleischer said, "It's time for action, not words. And the president has demanded that key figures of the al-Qaeda terrorist organization, including Osama bin Laden, be turned over to responsible authorities and that the

Taliban close terrorist camps in Afghanistan.

The obligation to shelter someone seeking protection is so central to Afghan culture that some observers even hailed the edict as a possible opening that might avert the prospect of a U.S.-led military strike on Afghanistan designed to capture bin Laden, bring down the Taliban regime or both.

As tensions build, demands grew louder in Pakistan for the United States to make public the evidence it has against him. At the White House, National Security Adviser Condoleezza Rice was pressed Thursday for specific evidence linking bin Laden to last week's airplane hijackings but declined.

# Military Forces Continue Taking Tactical Positions in Persian Gulf

By Esther Schrader

LOS ANGELES TIMES

WASHINGTON

The U.S. Army began moving ground troops to within striking distance of Afghanistan Thursday as a massive deployment of warplanes, ships, equipment and personnel moved into its second day. Army Secretary Thomas E. White, the Army's top civilian official, said the Army is "ready to conduct sustained land combat operations" in the Persian Gulf region. He said the deployment of special operations forces, light infantry and other troops was only the first step in a broader military campaign that will unfold in coming weeks. American casualties, he said, are likely. "This

is not a police activity. We have treated (combating terrorism) as a police activity in the past," White said. "This is war. In the conduct of this campaign, there will most likely be casualties. That is the nature of war."

In warning that casualties are to be expected in the campaign, military analysts and former Pentagon officials said the Bush administration is trying to keep its options open. "In the recent past, it was felt that surgical strikes with precision-guided munitions could be effective, and that you could take ground troops off the table as an option," said former Secretary of the Army Louis Caldera.

The most likely strategy is the

use of the elite commando teams known as Special Forces, trained, among other things, to drop quietly behind enemy lines to plant surveillance instruments and wreak havoc with an enemy's communications capabilities. Special operations teams from the Army and the Air Force have been ordered to deploy to the Persian Gulf region, senior defense officials said. The United States has 46,000 special operations forces trained to carry out missions on land, sea and air. Earlier this week, the Air Force was ordered to send 100 to 130 planes to the Persian Gulf area, a senior defense official said Thursday. Three aircraft carrier battle groups are now either in the region or steaming toward it.

## Markets Struggling Amid Uncertainty, Fatigue

THE WASHINGTON POST

Stock prices fell Thursday for the fourth consecutive trading day since the terrorist attacks on New York and Washington, dragging all the major indexes to their lowest levels in more than two years amid a climate of investor uncertainty and sheer human fatigue.

As disaster-related costs continued to climb for airlines, insurance firms and other companies, it became clear that the already weak U.S. economy had been damaged and may be contracting. And the prospect of an open-ended military operation against an unclear foe helped drive the Dow Jones industrial average down more than 380 points or 4.4 percent, bringing the index down nearly 13 percent in less than a week.

Other economic indicators hit traders Thursday like rabbit punches: Housing construction slid sharply in August. The National Retail Federation released pessimistic sales forecasts for the final three months of the year. Corporations issued earnings warnings, planned more layoffs and prepared for losses amid a landscape of empty hotels, malls and theme parks.

Federal Reserve Chairman Alan Greenspan, in his first public comments since the attacks, acknowledged Thursday on Capitol Hill that "much economic activity ground to a halt last week." The short-term economic outlook remains unclear, he said.

## Blair Signals Britain's Support

THE WASHINGTON POST

WASHINGTON

Prime Minister Tony Blair signaled complete British support Thursday for evolving American plans to confront exiled Saudi militant Osama bin Laden, saying international backing for a decisive response to "the evil of mass terrorism" was growing stronger.

After meeting President Bush during a hastily arranged visit to the White House, Blair relayed his country's sympathy for the vast loss of American lives in the terrorist attacks last week, which also left more than 200 British nationals missing and presumed dead.

"We have to bring to account those responsible and then we have to set about at every single level and in every way that we can dismantling the apparatus of terror and eradicating the evil of mass terrorism in our world. And I know America and Britain and all of our allies will stand united together in that task," Blair said.

Britain has long been the United States' closest ally, playing a crucial role in the American-led coalition that defeated Iraqi President Saddam Hussein's forces in the 1991 Gulf War and continuing to participate in air patrols of the no-fly zones over Iraq.

Blair reaffirmed that special role during a strategy session and working dinner at the White House last night. Afterward, he told reporters that Britain was determined to stand with the United States as Americans stood with the British during the Nazi blitz of London during World War II.

# NEW! evening appointments

Internal Medicine

M T W Th

Mental Health

M T W Th

Dental

M W

Allergy

M

Eye, Pediatrics, Dermatology

T

X-ray/Mammography

T

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MIT Medical/ Cambridge

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### Shades Of Grey

I would like to question some of the statements made by Matt Craighead in his column on September 14th ["An Eye For An Eye"]. While I understand his anger and share his fears and loss from the attacks Sept. 11th, I disagree with his conclusions. The world is not black or white. There are more than the two sides Matt mentions: with America or against America. One can be with America and yet be against blind retaliation. To be patriotic and to support democracy and freedom, one does not necessarily need military action against innocent people. At the same time, people here and abroad can be against American foreign policy and yet yearn for the freedoms that we, the American people, enjoy here.

I strongly believe in the American principles which state that one is innocent until proven guilty, and in the due process of law. It is exactly at times like this that our principles must shine through. Matt mentions that the terrorists and others complicit for the attacks must be killed. I disagree. We should do a thorough investigation (which is being undertaken right now), and hold our judgements until it is completed. Remember the Oklahoma City bombing when the Islamic fundamentalist groups were initially incriminated, leading to hatred and prejudice against Arab-Americans. It turned out to be a home-grown terrorist who bombed the Federal building. When we do find out who is responsible, we should not kill them as Matt proposes, but bring them to the U.S. for a fair trial. If the U.S. evidence is strong, which I believe it will be, they will then be tried and sentenced. That is the American way, not killing or bombing people. In light of all of this, let us also not forget to understand why these terrorists behaved in the way they did. I have faith in universal humanity to state that it is not because they are inhuman, or don't care about people, or don't value their own lives. Human beings everywhere share common values and love for their family and friends. It's only when cornered into an extreme situation that they react in inhumane or perhaps irrational ways to sacrifice their lives and other innocent lives. In this light, let us be brave enough to question what America done to them that they felt compelled to take such horrible actions. Are we truly innocent?

Is our foreign policy so perfect? Or, is our foreign policy in some ways complicit or responsible for cornering them?

These terrorists' acts must never be condoned. However, while we investigate who has done this, let us also look in the mirror and investigate our own hearts.

Ananth Chikkatur G

### Flag the Dog

One cannot walk a block without finding American flags adorning houses and buildings, cars, shops and school uniforms.

Is there not something perverse in our identification of the American flag with Tuesday's victims? What was lost were lives — human beings with hopes and sorrows, with books left

unfinished on nightstands, flowers to water, dogs to feed, bills to pay, school lunch boxes to pack.

How odd that we should think to honor these dead by flying a flag, by erasing everything which made them human, by abstracting away all but their nationality and our own, then shamelessly parading it before our Great Leader and generals. And if flag parades were not answer enough to our horror of last Tuesday, we grant our Supreme Standard-Bearer — the President of the United States — the powers of a king so that he may spend \$40 billion without hint of congressional oversight.

Is our grief so easily placated? Are our minds so unquestioning? Our trust so sure? Our faith so secular? Since when did Americans grant the powers of absolution and redemption to their government? Since when did this democracy celebrate the divine power of kings? We might more carefully choose those from whom we seek answers and restitution, if only because the thousands who lost their lives demand we do. How cheap and temporary the recompense by waging war, by killing others in distant lands who, this night, have books on their nightstands and children's uniforms neatly folded for the morn. How inappropriate to restrict the very civil liberties which made Tuesday's dead American. Yet this is what our government believes is its mandate with every unfurled flag and dollar and bipartisan vote. Of course the government has constructive work to do. First it should see that justice, as kept in hundreds of years of American and international law, is brought to bear upon the perpetrators. Next it should consider (with a humility unknown to monarchies) its complicity in the rage directed at us. That is all we can and should ask of it. The wherefores and wheretos of Tuesday's enormity are left for our own lives to answer.

Duncan Kincaid  
Master of Architecture, '97

### Not Just The Sikhs

I felt that Gurukarm Khalsa's letter that appeared Friday was upsettingly incomplete. While it is a problem that people wearing turbans are assumed to be Muslim, and that Americans are generally uninformed about Sikhism, it seems hardly relevant at a time like this. Even if these victims of backlash were Muslim, this expression of hatred and ignorance would not be any more justified. Merely because someone wears a turban, or looks Middle Eastern, or is in fact Muslim, doesn't mean that they sympathize or can be held in any way responsible for the events of last Tuesday. We all feel shock, horror and outrage, but we absolutely cannot take our anger out on innocent members of our community, never mind their race, ethnicity, or religion. In America we believe that one is innocent until proven guilty, and we cannot let stereotypes and prejudices cloud our minds against our own people, who feel the same distress and disbelief as anyone else.

Miriam Sorell '04

### Justice Done Right

In regards to Mike Hall's assertion at the end of his column on September 12 ["The Terror of Not Knowing"]: "Now is the time to strike back... Now is the time for those nameless, faceless cowards to run in fear, to tremble when dialing their loved ones, to wash their spare change in their tears."

This call to slaughter the families of those who are responsible so that the perpetrators will know how we feel is appalling. This is exactly the mentality of those who would commit such horrible crimes, and what begins the endless cycle of slaughter and retribution that too many cultures in this world are caught up in. Mike Hall wants us to strike back now — who exactly does he plan to target? I hope justice will come of this too, but indiscriminate killing is not my idea of justice.

I know this is a painful and frightening time for us all — I hope we are able to overcome and rise above our initial reactions to fear, anger, and uncertainty and find a path to true justice.

Darcy Duke  
Librarian for Mechanical Engineering  
Barker Engineering

### First Look

I realize that I am probably one of the first current MIT students to have been in New York City since the events on September 11. I had an interview for Columbia Medical School, which required me to drive over the George Washington Bridge.

My grandparents live in the city, my aunts, uncles, cousins, and countless friends live in New York City. For most of my life I drove down the Palisade Parkway and over the George Washington Bridge at least once a week.

My greatest memories of these trips were my mother pointing out the window at the skyline and telling my brothers and I how beautiful the view was, "Look, kids. You can see all the way to the World Trade Center from here." Not anymore.

I was not surprised when I left my home on Friday morning with an odd feeling in the pit of my stomach. What was this beautiful view going to look like now? I didn't know what to expect.

And as I drove across the George Washington Bridge listening to a special memorial version of U2's "Stuck in a Moment" did I realize something very important. This skyline has been tainted for millions of Americans. It is no longer the same, and pictures of it now have completely different meanings. Yet for all of us, this is still the New York City skyline — and though it is now different, it is still special in its own right. The new skyline now stands for the unity of New Yorkers and Americans in general.

So what did the skyline look like to me?

I don't know. I couldn't see through the tears.

Daniel Fein '02



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# Fight the Right War

Guest Column  
Aram Harrow

Many people's reactions to the atrocities of September 11 have gone from disbelief, to sadness, to anger, quiet or otherwise. We commonly hear that we have received a declaration of war, and should respond accordingly. Here are my arguments for restraint.

**The moral case.** Morality should be universal. If attacking hostile governments by killing civilians is "evil" and "the very worst of human nature," then it is no better for the U.S. to do so than for Afghanistan to.

The terrorists who attacked the U.S. last week haven't spoken up, but probably would describe U.S. foreign policy with "evil," "cowardly," "despicable," and other words that Bush used. They believe that political ends and avenging wrongs from a foreign military justifies killing enemy civilians, even if their support for the government was only indirect. Analogously, Bush's speech stated that: "We will make no distinction between the terrorists who committed these acts and those who harbor them." Calls for a spectacularly bloody retaliatory strike aimed loosely towards the billion Muslims in the world are increasing, while dissent has been muted. Mountains of historical evidence document America's tolerance for heavy "collateral" damage when attacking the infrastructure of a demonized enemy, such as Saddam or Milosevic.

Tuesday's tragedy demonstrated America's surprising physical vulnerability, but, perhaps more disturbing, our response threatens to show a moral weakness that will be much harder to justify in hindsight.

**The practical case.** In Israel, extremists on both sides use terrorism and "random" violence for ends which are neither desperate nor irrational — they aim to derail peace efforts and provoke a violent response on the other side that will cause moderates to reject compromise and side with extremists. "Jew" or "Arab" loses meaning in the face of the deeper struggle between hatred and tolerance, though typically only events such as Yitzhak Rabin's assassination by an extremist Israeli shock

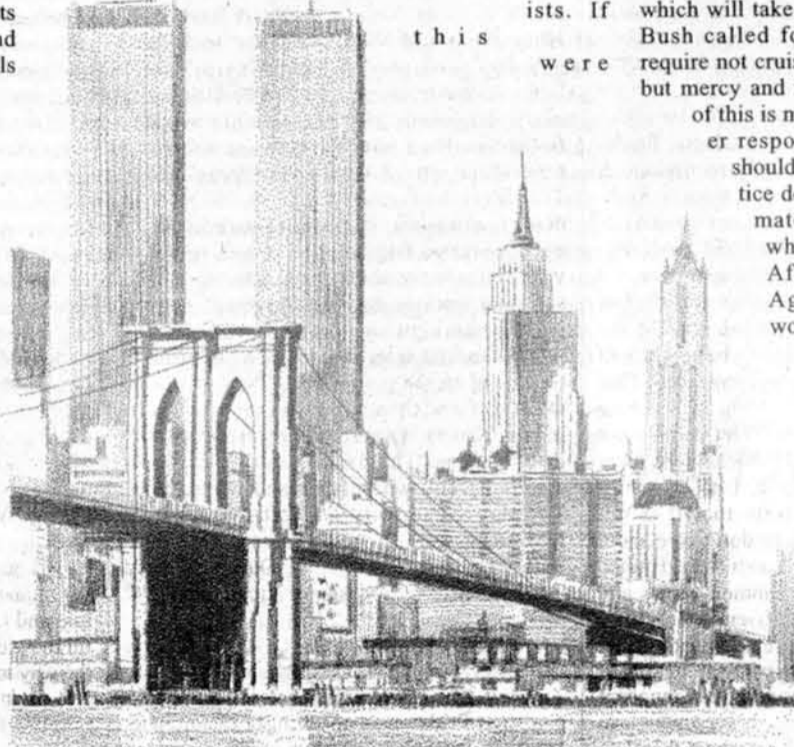
people into remembering. These oft-forgotten and crucial lessons from terror sound like Sunday school truisms: "the aim of violence is to beget further violence" and "blood cannot be washed away with blood."

These principles must sound a little other-worldly after Tuesday's atrocities, but there is no other time when it is more important that we remember them. Pausing to

note that we can prove very little about the motivations of the attackers (the whole thing might well have been a scheme to sell stocks short at a crucial moment), it is quite plausible that they hope to

provoke America into violently lashing out and driving moderate Arab governments into the arms of extremists. If

this were



true, then easing our minds with carnage and carpet bombing abroad would only play into the enemy's hands.

Terrorism is war, but fought over hearts and minds instead of land and resources. Pearl Harbor was a focused attack on American Pacific naval power by an enemy that knew war was inevitable and desperately needed to buy time. Its sequel has been any-

thing but. The blow we were dealt last Tuesday was horrific, but affected our military and economic power only symbolically. Were it an actual declaration of war, it would

*The blow we were dealt last Tuesday was horrific, but affected our military and economic power only symbolically. Rather than trying to cripple America's ability to wage war, it was meant to incite one.*

have hit bridges, power plants, Internet and telephone routers, oil pipelines, and other unglamorous, but vital, sources of American strength. Rather than trying to cripple America's ability to wage war, it was meant to incite one. The 21st century terrorist fears not naval power, but the growing influence of moderates, economic ties to the West, and the victory of peace and tolerance over extremism, paranoia, nationalism and war.

There is indeed a war for us to fight, which will take all the resolve that President Bush called for. However, winning will require not cruise missiles and cluster bombs but mercy and respect for human life. None of this is meant to suggest that the proper response is inaction, or that we should not do our utmost to see justice done. But there is no justice in matching atrocity for atrocity, which bombing the people of Afghanistan from the Bronze Age back to the Stone Age would likely entail.

With the crutch of starting a world war pulled out from under us, the question of "what now?" has suddenly become even harder. Can the United States rethink the way it relates to the rest of the world? Can we take the first step in a global de-escalation of cultural hostility? Can we learn to deter suicidal terrorists with an olive branch? Do there exist modes of international coexistence that escape the aggression/appeasement dichotomy? Without context, Bush's "resolve" is a curiously ambiguous word — it can mean either a bottomless acceptance of civilian casualties or the selfless strength and will for peace of a Gandhi or Mandela — so let us pray that Bush will interpret it to mean that attacks from demons in the shadows cannot frighten us into sinking to their level.

## Peaceful Resolution Equals Surrender

Guest Column  
Ed Kopesky

This column is in response to the opinion piece delivered by Michael Borucke ["Don't Fight Fire With Fire," September 14]. Somehow, Borucke seems to have missed out on reality. He implies that Congress is "already using this tragedy to push for spending on defense, and specifically on missile defense." Congress knows darn well that a missile defense system would not have stopped these planes from being hijacked, and the missile defense plan is, accordingly, on the back burner for quite a while.

He says that "we don't know who was responsible for the attacks, but there is no hard evidence as of yet, and no one has claimed responsibility." First off, we do know who was responsible; they were willing to kill themselves in the process of killing many others. Borucke basically says that we should wait for someone to claim responsibility before we do anything about it. Forget about finding out who did it; if they won't admit they did it, then we just won't come get them. That'll show 'em.

Let's say we get our intelligence people into Afghanistan or somewhere and find bin Laden. Here's how Mr. Borucke might like the interrogation to go:

American Intelligence Agent: Mr. Bin Laden, did you happen to mastermind and finance these terrorist acts?

Bin Laden: Isn't it obvious?

Agent: Well, no. Nobody has claimed responsibility and we're waiting for someone to do that before we act.

Bin Laden: I see, Satan. Are you saying that if I do not claim responsibility, that even if I am guilty of what you say, that you will not arrest and/or execute me?

Agent: Well, that doesn't make sense because the person who did this will obviously claim responsibility eventually, so what you say is impossible.

Bin Laden: Well, then, I am not responsible.

Borucke implies throughout the article

*You don't fight a war because you like violence. You don't fight a war because you want to take a lot of human lives. You fight a war to return peace to the world you live in.*

that the only way to resolve this is through a peaceful process. In other words, any violence will only make things worse. Well, you don't fight a war because you like violence. You don't fight a war because you want to take a lot of human lives. You fight a war to return peace to the world you live in. We are not living in a peaceful world as long as terrorists are flying our planes into skyscrapers, and the next thing they turn to may be bombing stadiums or any number of other horrific acts. I don't think we can send Osama bin Laden and others like him to anger management class. People like him

don't want peace because they feel they have Allah's blessing to wage war on the innocent.

The last thing I will point out is his insistence that a U.S. military response can only be an act of revenge or retribution evolving from our anger. Did he ever stop to ponder whether a U.S. military response might, just maybe, be used to put this terrorist network out of commission for good? Did we fight WWII because we wanted to kill as many Japanese, Germans, and Italians as we could? Or did we fight it to make sure a genocidal maniac did not take over the world? The military response may achieve retribution, but that is not the end. The end will be the dismantling of this terrorist network, something we can't get by making peace symbols with our fingers.

"It seems that everyone who appears on TV wants war," Borucke says. They don't want war. They recognize that we are at war. A war against terrorism that may never end. Nobody wants to have to fight. They see it as essential, lest we spend the rest of our lives sweating when we walk onto a commercial flight or take an elevator to the top of a skyscraper (something many people may do anyway, myself included). I don't know many things for certain in this time of fear and confusion, but I do know one thing: if we followed Michael Borucke's line of thinking we might as well declare war on ourselves, because we would only be digging our own graves.

Ed Kopesky is a graduate student in the department of Chemical Engineering.

# Reflections Of Life And Death

Akshay Patil

This is not a passionate call to arms. This is not a levelheaded plea for peace. Sometimes situations leave us lost, without words, without a place to begin. Sometimes there is nowhere to go.

On the night of Tuesday, September 11, I finally got around to installing my new TV tuner into my computer. For days, the package had sat on my desk as my inherent laziness concerning taking apart my computer overwhelmed the desire to use the card. Suddenly I became motivated, and the tuner worked soon after. From that point on, my roommate and I were riveted to the images of bursting windows, falling bodies, collapsing buildings, crying victims. We spent the night staring at my computer monitor in mental shock.

I can close my eyes and replay in my mind the video of the second airplane smashing into tower two. I can still see the body free-falling, its rapid descent measured by the multitude of windows rapidly passing behind it. It all overloads. The magnitude is just too great for me to grasp it.

One of the first memories I have is from a visit to India I made at the age of 5 or 6. It was during monsoon season, an incessant torrential downpour of rain that attacks India every summer. We were in our car and had just come to a stoplight when I looked out the window and saw a boy standing on the center divider, drenched and clutching a plastic bag.

Before the light turned green and we drove off, my grandfather opened his win-

*His face is forever burnt into my memory; I can still conjure up his image. Like the people on those planes and in those buildings, he was guilty of nothing. They were all the victims of life's cruelty. I only hope that last week's victims were able to live a life full of love and joy.*

dow and dropped some money into the boy's bag. I remember wondering about what the boy was doing out in the rain, not realizing that he had nowhere else to go. I wondered why he had a plastic bag, not realizing that it was all that he had. I remember not being able to place that glazed, almost detached look in his eyes.

His face is forever burnt into my memory; I can still conjure up his image. Like the people on those planes and in those buildings, he was guilty of nothing. They were only the victims of life's cruelty. I only hope that last week's victims were able to live a life full of love and joy.

All of us are extremely lucky to live the lives we do. I feel sorry for all those who through no fault of their own are not as fortunate. I take this as all the more reason to live my life to the fullest; to do otherwise would be rejecting the greatest gift one could possibly be given.

I will never understand life. I don't know if anyone ever will, or can. I don't know why things happen. I only know that they do.

What happened last week was horrible and unimaginable. Maybe someday I'll be able to grasp the situation and see things more clearly, but at the present I can't. All I can do is resign myself to the fact that it happened, and continue to live my life, grateful that I am alive and able to.

Once on my way home from MIT, I found myself on an empty shuttle to Logan Airport. As I sat alone in the middle of the bus, my eyes traveled across the deserted seats before settling on the window in front of me. There I saw the floating image of my face staring out at me, my black shirt invisible against the inky night outside. As I swayed with the gentle rocking of the bus, the sight of my head amidst darkness was eerily comforting. I exist. The world is full of many things, and I am one of them.

# Protecting Our Own From Racism

Guest Column  
Vivek Rao

In the week that has passed since the malicious attacks on the World Trade Center and the Pentagon, our nation has painfully mourned the loss of thousands of civilians, victims of terrorists who had a disturbing disregard for the value of human life. Certainly these victims, along with their friends and families, are the greatest sufferers in this terrible tragedy.

At the same time, however, we should not forget about a faction of the United States that has been victimized by these recent attacks in a more subtle and indirect way: the American community of Arabs and Muslims.

The United States has always been a self-proclaimed melting pot of ethnic and religious groups, a unique nation that welcomes people of all backgrounds. Despite this image, though, the truth remains that the history of this country has not been one of complete racial peace and harmony. We have had our fair share of problems since the signing of the Constitution over two hundred years ago. Slavery persisted deep into the nineteenth century, long after countries such as Great Britain abolished the heinous institution. Anti-immigration political parties such as the Know-Nothing Party attempted to have their biases against foreigners imprinted on American laws in the 1850s.

Then, shortly after World War I, Italian anarchists Nicola Sacco and Bartolomeo Vanzetti were convicted of robbery and murder right here in Massachusetts. Their trial was dominated not by hard evidence, but by blatant disdain for their ethnic roots

and political beliefs. In the 1950s and 1960s, the civil rights movement brought the hatred and segregation between whites and blacks into the spotlight. More recently, the Rodney King trial in the early 1990s ignited race riots that threatened to tear the country apart.

This is hardly what is supposed to happen in a nation renowned for its alleged racial and ethnic harmony. Still, the United States has made significant progress in recent times. Segregated schools and restaurants are a fading memory, immigrant groups have established strong communities in cities across the nation, and the political correctness movement, though we all hate it at some point or another, has at least encouraged people to think about racism and prejudice.

However, the recent attacks on the World Trade Center and the Pentagon threaten to disrupt any efforts to create a truly harmonious American society. As we all know by now, all of the hijackers identified by federal authorities were Arab and Muslim, apparently fighting under the guidance of dangerous Saudi terrorist Osama bin Laden. The already existent stereotype of Arab terrorists has only been perpetuated and strengthened

by the attacks, and it is our duty as Americans and as citizens of humanity to prevent any backlash against the American Arab and Muslim community.

It is hardly unprecedented for international developments to inspire racially motivated prejudices within the United States. During World War II, over 100,000 Japanese-Americans were forcibly moved from

their homes, and placed in "War Relocation Camps" in the Midwest. While few, if any, of those relocated were actually threats to American security, almost all of them were victims of racial biases resulting from Japan's involvement in the war, especially the attack on Pearl Harbor.

During the Cold War, Senator Joseph McCarthy prompted a "Red Scare," in which public hysteria made the United States a dangerous and inhospitable environment for those with Communist beliefs and for all people of Eastern European origin.

Now, once again, in the aftermath of the vicious attacks of last week, public sentiment is threatening to make life a living hell for an innocent minority of our population. Arab-Americans who live in this country have received death threats, many by alleged

American "patriots." In a few isolated incidents, Arab-Americans have been the victims of assault. This trend promises to continue, as war would, if anything, increase the hatred of those Americans foolish and uneducated enough to put the responsibility of a few maniacs on the shoulders of an entire community.

Many of you are probably reading this article and thinking that you would never be capable of such terrible behavior, which is probably true. Although a small number of us would ever make a death threat or actually assault somebody, racism can be much subtler than that. No one is immune from racism. I will admit, for example, that the day after the attacks occurred, I was walking through Kenmore Square when I saw a person who was clearly of Arabic descent. My first reaction was that perhaps he was about to plant a bomb or commit some other such act of terrorism. Although these thoughts quickly left my mind, the fact that they were my first reaction scares me immensely, for such instantaneous biases form the core of racism.

I am sure that many of you have had experiences similar to mine.

It is not always easy, especially when such a small minority is involved, to prevent the actions of a few from shaping our opinions of the whole group. Yet this is the task we must accomplish if we are to keep our nation strong in the weeks and months ahead. Sure, we can demonstrate American pride by waving flags and singing our national anthem, but if we are truly proud of the principles on which our country stands, then we must make all Arabs and Muslims living in America feel like they are a welcome ingredient to our cultural melting pot.

*The day after the attacks, I was walking through Kenmore Square when I saw a person of Arabic descent. My first reaction was that perhaps he was about to plant a bomb or commit some other such act. Although these thoughts quickly passed, the fact that they were my first reaction scares me immensely.*

## America Is At War

Dan Tortorice

America is at war. I hardly believe as I sit here writing, but America is truly at war. Our president has called the attacks on the World Trade Center and the Pentagon the first shots of the first war of the twenty-first century. Our military is on high alert waiting to begin a sustained campaign against terror groups around the globe. CNN's lead story reads, "America's New War." Yet I can hardly believe it.

I can hardly believe that soon American planes will rain down bombs on foreign countries. I can hardly believe that a poor Afghani man, who can't afford the fare to leave Kabul, will watch as my country drops bombs on his family and the few possessions he has. I can hardly believe that U.S. ground troops will be called to fight and die on the soil of distant countries. Called to fight against a nameless, faceless enemy. I can hardly believe it, but it is my world.

Less than a week ago we lived in peace. I'm used to peace. I was twelve when the Gulf War ended. I don't know what it's like to turn on the news each day to hear how many Americans died fighting that day. I don't know what

it's like to turn on the news and hope that your country is winning so that your way of life may be preserved. I don't know what it's like to live with war and *I don't want to know*. I want peace back.

I don't want to live in fear that my city is going to be attacked. I don't want to live in fear that my sister's city, Chicago, is going to be attacked and that I may never see her again. I don't want to serve in the military. I don't want to have to risk my life. I don't want to die.

I walk around, and it's like being in a bad dream. I half expect that I'm going to wake up and realize it was all made up. I didn't really see American soil attacked. I didn't really see the lives of thousands of Americans taken in mere moments. It was just a nightmare. I'll wake up, and the worst thing I'll have to worry about is getting into graduate school. But this is not a dream. This is real. America is at war.

Then there are the times that I go about my daily life and I forget about these events. But always the cruel specter of tragedy returns to my life. Like when I was going to the barbecue at my dorm and the music switched to "It's the

End of the World As We Know It." At that moment I shuddered. Or when I was sitting at my desk working, and the song "Bad Moon on the Rise" came out of my speakers. These lyrics made me shiver:

*Hope you got your things together.*

*Hope you are quite prepared to die.*

*Looks like we're in for nasty weather.*

*One eye is taken for an eye.*

*A l m o s t prophetic aren't they?*

As a country we grieve, and so we should. Our brothers and sisters, mothers and fathers, friends and family have been slaughtered. We are confused and angry. We are like fish out of water, flopping

around, not because we feel we will be made better by the action we take, but because our present condition is intolerable and we must seek another.

We are told to move on and so we shall. But, my friends, I do not like where we are going. We are moving to a cold and dark world. A world of daily violence and terror. A world of fighting and death and suffering and sorrow. A world of war.

I guess you want to hear the point; why am I telling you how I feel and what I

believe will happen? Well, the point is simple. America is at war. You must understand that America is at war.

*I don't know what it's like to turn on the news each day to hear how many Americans died fighting that day. I don't know what it's like to turn on the news and hope that your country is winning so that your way of life may be preserved. I don't know what it's like to live with war and I don't want to know.*

## A Hidden Agenda

Guest Column  
John Reed

In the aftermath of the worst single act of terrorism in history, there is an urgency to take appropriate action to prevent any repeat. We've now seen that destructive powers which were previously unleashed only by states can also be released by loosely knit, private groups. This is something we've known was possible for a long time, but somehow we've never accepted it in the absence of a real-life example. Now that it has happened, there is a rush to make up for the lack of preparation.

Given the enormity of the crime, it's imperative that a just and effective response be formulated; things will have to change.

On this point there is probably universal agreement.

Of course the consensus breaks down dramatically while dealing with the specifics of how to respond and why. Many honest attempts have been made to explain why this attack happened and how the U.S. should respond. Did this attack occur because of U.S. foreign policy in the Middle East, or because of fanatical

hatred of America's freedom, religious tolerance, and wealth?

Should the U.S. declare war on countries where terrorists might live? Lift the ban on assassinations? Try to secure justice through international courts and diplomacy? Stop favoring Israel so much? Sincere people may disagree fiercely on these issues, but at least the relevance of the debate to the disaster is clear — assuming that Middle

*Privacy protections may have assisted the terrorists in maintaining their cover, as well as in executing their sinister plot. But Falwell and Robertson weren't referring to efforts by civil liberties groups to protect privacy rights.*

Eastern Islamic fundamentalists carried out the attack, which no one seems to dispute at this point.

Sadly, there seem to be others who are like circling vultures attempting to exploit

this horrendous tragedy for their own personal agenda. These parasites attempt to somehow relate their own causes to the catastrophe with the hope that their plans will be carried along by the wave of change which will likely follow. They attempt to focus the hatred and fear generated by the atrocity onto unrelated policies and people they disagree with or dislike. Perhaps the most notorious example of this was when the televangelists Jerry Falwell and Pat Robertson said that liberal civil liberties groups, feminists, homosexuals, and abortion rights supporters bear partial responsibility for the terrorist attacks.

The blaming of feminists, homosexuals and abortion rights supporters is too ridiculous and despicable to even dignify with a response.

At first glance it appears that their criticisms of civil liberties groups might hold some validity, since it's not totally implausible that excessive privacy rights could have made America more vulnerable to attack. Privacy protections may have assisted the terrorists in maintaining their cover and in executing their sinister plot.

But Falwell and Robertson weren't referring to efforts by civil liberties groups to protect privacy rights. They were referring

to their support for the separation of church and state as well as defense of unpopular free speech. It's quite a stretch to claim that the separation of church and state facilitated this attack. Also, freedom of speech clearly has no relevance, since the sleeper agents who mounted this terrorist attack certainly weren't exercising their right to free speech. In fact they were doing the exact opposite — lying low and attempting to blend in. Hence it seems pretty likely that Falwell and Robertson were simply using this horrendous tragedy to vilify groups and policies they disagree with. Regrettably, a similar strategy for smearing policies and people one disagrees with has reared its ugly head here at MIT. I personally experienced it in a letter to the editor written by Michael Rolish '04 where he tried to connect the terrorist attacks with an opinion column I wrote on economic policies. Furthermore he called me an "enemy within" who must be defended against along with foreign terrorists.

There was only one grain of truth contained in his otherwise false, hateful, and totally irrelevant letter: "the price of freedom is eternal vigilance."

Let us remain vigilant for all threats to freedom, including those posed by demagogues who further their agendas by exploiting horrible tragedies.

# THE ARTS

## CONCERT PREVIEW

### *The Magic Flute of Hariprasad Chaurasia*

*Senior Lecturer in Music Describes the Magic  
Of An Exceptional Flutist*

By George Ruckert

Lecturer George Ruckert, an eminent member of the Indian classical music scene, shares his experiences with Pandit Hariprasad Chaurasia. Chaurasia will be performing at Kresge Auditorium on Sunday at 4 p.m.

I am in a recording studio in L.A. It is 1979, and I have been asked to play tanpura for the great flutist from India, Hariprasad Chaurasia. Ravi Shankar, the famous sitarist, has organized the session, and the music is a blend of east and west for an album called *Ravi Shankar and Friends*. I'd like to think I was one of the friends, but "student" is more like it, and I am thrilled to be among such stars of the music world.

Raviji (as he is commonly addressed) comes into the studio, says something in Hindi to Hariji, and the flute master plays a dazzling run, a surge of notes which race to the top of the scale and fall in cascades of rippling sound back down to the lower register.

"Five seconds," says Raviji now in English. "Try eight."

Again the soar, again the waterfall of notes down, a little more elaborate.

"That was nine seconds. Fine, you could even go for ten or eleven," says Raviji approvingly, as he backs away to attend to some another recording detail.

Hariji tried several other spontaneous fountains of notes, each one perfect to my ears, before he settled on the version that was recorded. It introduces one of the tunes on this, one of his many recordings.

Chaurasia, or Hariji, is generally

acknowledged to be one of the great flute-players in the world. He made his name in the film world of Bombay, where his sound came to be identified as one of the quintessential sounds of India—haunting, nostalgic, pure. In the sixties and seventies, he played for hundreds of films, indelibly stamping them with the personality of his sound, which made him famous, and one imagines, wealthy as well.

But there is no sense of his being simply caught up in the "Bollywood" film world, although he has also conquered it with a series of award-winning film scores which he composed with his long-time friend and associate, santurist Shivkumar Sharma (e.g., *Silsila*, *Chandni*). His film playing and scoring has been a major forum for his world-wide popularity.

However, Hariji has turned his focus more back to classical music, especially in the last twenty years. He had steeped himself in the many possible sounds of the bansuri, the keyless bamboo flute. (He carries with him a complete set of flutes in a wedge-shaped case which range from low to high, bass to piccolo ranges, and everything in between)

In his youth, he listened to the recordings of the late Pannallal Ghosh, whose brilliant technique and serious bass-flute sound had established that the bansuri could take its place interpreting the intricate and challenging classical repertoire of raga and tala. Prior to the innovations of Pandit Ghosh, the flute was considered to be a folk instrument. Without keys, it was said, the simple length of bamboo could never achieve the subtlety required to get the different intervals, jumps,



Pandit Hariprasad Chaurasia, under the auspices of Sangam, MITHAS, NEHTI, and the GSC, will play at Kresge on Sunday afternoon.

and microtonal pitches of classical music.

Chaurasia has brought this attention to detail in his chaste playing of the whole raga literature. Nor has he shied away from the more difficult rags, having recorded *Darbari Kanra*, *Lalit*, and *Bhairavi*, to name a few of the ragas which were deemed "not playable" on the flute a generation ago. He has played

in an astounding variety of programs, from jazz fusion to film ensemble to east-west combinations with the renowned western flutist Jean-Pierre Rampal. In 2000, he received India's most distinguished artistic award, *Padmavibhusan*, which only added to the numerous titles and awards he had already received.

## Alpha Chi Sigma Professional Chemistry Fraternity



### Rush socials!

### Come meet us!

Monday, September 24

Thursday, September 27

7:00 – 9:00 PM

Private Dining Rooms 1 & 2, third floor of the Student Center

Food will be served!

Alpha Chi Sigma is primarily for sophomores, juniors, and seniors, but also rushes grad students and faculty involved in the chemical sciences in courses such as, but not limited to: 1E, 3, 5, 7, 10

Visit us on the web!

<http://web.mit.edu/axe/www/>

If you have any questions about AXΣ or membership in AXΣ, please E-mail Mandy at [samlhh@mit.edu](mailto:samlhh@mit.edu).

## Clubs

**Axis**  
13 Lansdowne St., 617-262-2437

Sundays: See Avalon below.  
Mondays: *Static*. Gay, casual dress, \$5, 18+.  
Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.  
Fridays: *Spin Cycle*. Progressive house, 80s. \$12, 19+; \$10, 21+.

**Avalon**  
15 Lansdowne St., 617-262-2424

Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+.  
Thursdays: *International Night*. Eurohouse. \$10, 19+.  
Fridays: *Avaland*. House. \$15, 19+.  
Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

**Karma Club**  
9 Lansdowne St., 617-421-9595

Sundays: "Current dance favorites" by guest DJs. Cover varies.  
Tuesdays: *Phatt Tuesdays*. With Bill's bar, modern dance music. \$10.  
Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.  
Thursdays: *Groove Factor*. House.  
Fridays: *Pure*. Drum and bass, guest DJ. \$15, 19+.  
Saturdays: *Elements of Life*. International House. \$15.

**ManRay**  
21 Brookline St., Cambridge, 617-864-0400

Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.  
Thursdays: *Campus*. Popular tunes + House. Gay, casual dress. \$10, 19+; \$8, 21+.  
Fridays: *Fantasy Factory* (First and third Friday of the month. Features kinky fetishes and industrial music.) *Hell Night* (every second Friday. 19+). Includes Goth music.) *Ooze* (the last Friday of the month.) \$10, 21+. reduced prices for those wearing fetish gear.  
Saturdays: *Liquid*. Disco/house + New Wave. \$15, 19+; \$10, 21+.

## Popular Music

**Axis**  
13 Lansdowne St., 617-262-2437  
Next: 423-NEXT

Sep. 21: Ocean Colour Scene.  
Sep. 22-23: AFI.  
Sep. 25-26: Black Eyed Peas.

**Avalon**  
15 Lansdowne St., 617-262-2424

Sep. 21: David Byrne.  
Sep. 22: Melissa Ferrick  
Sep. 26: Lifehouse  
Sep. 28: Long Beach Dub All Stars  
Oct. 4: St. Germain.  
Oct. 12: Megadeth.  
Oct. 16: Sum 41.  
Oct. 30: They Might Be Giants  
Oct. 31: Cowboy Mouth, Fighting Gravity.

**Berklee Performance Center**  
Berklee College of Music  
1140 Boylston St.  
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 747-8820.

Sep. 21: Sigur Ros.  
Sep. 22: Bobby Womack.  
Oct. 13: Dulce Pontes.

**Club Passim**  
47 Palmer St, Cambridge, 617-492-7679

Tuesdays: Open Mic at 8 p.m. (sign up at 7:30). \$5.  
Sep. 21: Mark Dix CD Release.  
Sep. 22: Meghan Toohey, Hewitt Huntwork.  
Sep. 23: Jason Harrod, Josh Cole.  
Sep. 24: Balla Tounkara.  
Sep. 26: Katy Moffatt.  
Sep. 27: James Keelaghan, Zubot & Dawson.  
Sep. 28-29: Kevin So.  
Sep. 30: Richard Cambridge's Poet's Theater presents Earth-eart.

**FleetBoston Pavillion**  
290 Northern Ave., Boston 617-737-6100

## On The Town

A weekly guide to the arts in Boston  
September 21 - 27  
Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.



CLAY PATRICK MCBRIDE

**Nullset (above), The Pills, Dragstrip Courage, and Sugarcult drop by for this weekend's College Fest at Hynes Convention Center, which runs from noon to evening on both Saturday and Sunday.**

Sep. 24: Lloyds Blues Music Festival With B. B. King.

**FleetCenter**  
Ticketmaster: 931-2000.  
Oct. 2-3: Neil Diamond.  
Oct. 26: Rod Stewart  
Nov. 24: Bob Dylan

## The Middle East

Central Square, 354-8238  
Ticketmaster: 931-2000.

Sep. 21: Superkollider, Oxes.  
Sep. 22: Cheerleadr, Dr Frog.  
Sep. 22: Bleu, Count Zero, All the Queens Men.  
Sep. 23: Joint Chiefs, Red Pill.  
Sep. 23: Crack City Crimewave, Crash N Burn.  
Sep. 25: Dead Moon, Mr Airplane Man.  
Sep. 26: Tunnel of Love, the Apes.  
Sep. 27: Supersuckers, Zeke, Black Halos.  
Sep. 28: Uncle Sammy, Ulu.  
Sep. 28: Black Eyed Snakes.  
Sep. 29: Crack Torch, Damn Personals, Lost City Angels.

**Orpheus Theatre**  
1 Hamilton Pl., Boston, 617-679-0810  
Ticketmaster: 931-2000

Sep. 22: Khaled, Hakim and Andy.  
Oct. 2: Nick Cave and the Bad Seeds.  
Oct. 5: Travis  
Oct. 10: Judas Priest  
Oct. 13: Gov't Mule.

**Sanders Theatre**  
45 Quincy St., 02138, 617-496-2222

Sep. 22: Ray Davies Storytellers.  
Oct. 12: Waifs and Nerissa and Katryna Nields.  
Oct. 13: Four Bitchin Babes.  
Nov. 17: Folk Concert With Cris Williamson.  
Nov. 24: Capitol Steps.

**Tweeter Center for the Performing Arts (Great Woods)**  
885 South Main St., Mansfield, MA 02048  
Ticketmaster: 931-2000

Sep. 21-22: Tool.  
Sep. 25: Weezer.

**Wang Center for the Performing Arts**  
270 Tremont St., Boston 02116.

617-482-9393

Oct. 12: Bjork.  
Oct. 15: Tori Amos.

## Jazz Music

**Regattabar**  
Concertix: 876-7777  
1 Bennett St., Cambridge 02138, 617-662-5000

Call for schedule.

**Scullers Jazz Club**  
DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111

Sep. 21-22: Ts Monk Jr.  
Sep. 26: George Russell Jr.  
Oct. 27-28: Acoustic Alchemy.  
Oct. 25-26: Dee Dee Bridgewater.

## Classical Music

**Boston Symphony Orchestra**  
Tickets: 266-1492.

Performances at Symphony Hall, 301 Massachusetts Ave., Boston, unless otherwise noted. For MIT Students: Tickets are offered for Thursday evening concerts (8 p.m.) and Friday afternoon concerts (1:30 p.m.) and are available on the day of the concert only at the BSO Box Office at Symphony Hall (301 Mass. Ave. Open 10 a.m. - 6 p.m.). Two tickets may be obtained with two current valid MIT student IDs, subject to availability. For updated MIT student ticket availability, call 638-9478 after 10 a.m. on the day of concert.

Oct. 2 at 6:30 p.m.: Seiji Ozawa, conductor; Dawn Upshaw, soprano; Susan Graham, mezzo-soprano; Blythe Danner, narrator. Women of the Tanglewood Festival Chorus, John Oliver, conductor. Mendelssohn: Overture and Complete Incidental Music to *A Midsummer Night's Dream*, Op. 61.

Oct. 5, 6, 9 at 8 p.m.: Seiji Ozawa, conductor; Peter Serkin, piano. Brahms: Piano Concerto No. 1, Op. 15; Symphony No. 1, Op. 68. Pre-concert talk by Marc Mandel.

## Theater

## James Joyce's The Dead

At the Huntington Theatre Company, 264 Huntington Ave (Take the Green Line to Symphony). Through Oct. 14. Music by Shaun Davey. After it closed an extended run at Playwright's Horizon off-Broadway, the show moved to a successful run on Broadway, winning a Tony for Best Book. The show is based on James Joyce's brilliant short story. It's set at the Christmas party of Gabriel Conroy's (Christopher Walken) music-loving aunts, where three generations gather each year for a holiday feast. This year, a guest's song awakens a memory for Gabriel's wife (Blair Brown) and revives a long-buried passion. For tickets, call Ticketmaster at 617-931-2000.

## Mamma Mia!

Tickets available through Sep. 26, at the Colonial Theater (106 Boylston St). The threadbare plot of the latest British import (built around classic hits by ABBA) is: Young bride Sophie wants her dad to give her away. But her spunky mom — an ex-nightclub disc singer named Donna — doesn't know who he is. So Sophie secretly invites three of mom's old boyfriends (her possible dads) to her wedding. At first, it's a complete disaster. But Donna and her old backup-singer buddies save the day and transform the island into an ABBA-accompanied silver lami adventure that includes scuba-diver dancers, grooms in bridal gowns and choruses in neon shower caps. An engagingly clever sing-along satire of itself, *Mamma Mia!* makes you move, chuckle, and stomp your platform heels.

## Comedy Connection

Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston showcases big-name, national comedians on weekends and up-and-coming local talent during the week. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$10-\$8 (weekend prices vary). Call 248-9700 for more information and a

10:30 a.m. and 1:30 p.m.; "Asian, Egyptian, and Classical Walks" begin at 11:30 a.m.; "American Painting and Decorative Arts Walks" begin at 12:30 p.m.; "European Painting and Decorative Arts Walks" begin at 2:30 p.m.; Introductory tours are also offered Sat. at 11 a.m. and 1:30 p.m.

Permanent Gallery Installations: "Late Gothic Gallery," featuring a restored 15th-century stained glass window from Hampton Court, 14th- and 15th-century stone, alabaster, and polychrome wood sculptures from France and the Netherlands; "Mummy Mask Gallery," a newly renovated Egyptian gallery, features primitive masks dating from as far back as 2500 B.C.; "European Decorative Arts from 1950 to the Present"; "John Singer Sargent: Studies for MFA and Boston Public Library Murals."

Gallery lectures are free with museum admission.

## Museum of Science

Science Park, Boston. (723-2500), Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors.

The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Ongoing: "Discovery Center"; "Investigate! A See-For-Yourself Exhibit"; "Science in the Park: Playing with Forces and Motion"; "Seeing is Deceiving."

Ongoing: "Friday Night Stargazing," Fri., 8:30 p.m.; "Welcome to the Universe," daily; "Quest for Contact: Are We Alone?" daily. Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors. Current Laser Light shows: *Laser Beastie Boys*, *Laser Ragefest 3*, *Laser Pink Floyd: Dark Side*, *and Aerosmith*.

## Other

**Sunday in the Park with George**  
Through Sep. 27: At the Lyrical Stage, 140 Clarendon St., Boston. Sep. 14, 21 at 8 p.m., Sep. 15, 22 at 4 and 8 p.m., Sep. 16, 23 at 3 p.m., and Sep. 19-20, 26-27 at 7:30 p.m. 1985 Pulitzer Prize winning musical portrait of 19th-century artist Georges Seurat, libretto by James Lapine, music by the great Stephen Sondheim. Tickets \$36-\$25; call 617-437-7172.

## A Studio of Her Own: Women Artists in Boston 1870-1940

Through Dec. 2, 2001, at the Museum of Fine Arts. This exhibit presents over eighty of the finest paintings, sculpture, and decorative arts created by women at the turn of the last century. Drawn equally from the MFA's holdings, other museums and institutions, the exhibition includes works by over forty artists. While some of them are well known, like Lillian Hale and Anna Vaughn Hyatt, many others remain uncelebrated. No matter the level of their fame, their art represents an aesthetic achievement of great significance and beauty.

## The Films of Frederick Wiseman

The Museum of Fine Arts offers a complete retrospective of Wiseman's 31 documentaries, every Saturday, through April 14, 2002. At the Remis Auditorium Museum of Fine Arts, Boston, 02115 unless otherwise noted. For tickets and more information, call 369-3770. Tickets are \$8, \$7 MFA members, seniors, students.

## Multi-Handicapped

Sep. 29 at 10:30 a.m.: (1986, 126 min.). This film shows the day-to-day activities of multi-handicapped and sensory impaired students and their teachers, dormitory parents, and counselors at the Helen Keller School. The film presents situations involving personal hygiene, mobility training, concepts of time and money, self help and independent living, dormitory life, recreation, sports, vocational training, and psychological counseling. This film will be shown on 16 mm in the Riley Seminar Room

## A Midsummer Night's Dream

Through Sep. 30, at the Wang Theatre, 270 Tremont St. The Boston Ballet begins its season with Gerald Arpino's *Suite Saint-Saens*, a ballet so fast and bright that Agnes de Mille once said it was "like standing in a flight of meteors." The evening also includes Bruce Well's Shakespearean familiar romp, *A Midsummer Night's Dream* (Music by Felix Mendelssohn), a tale of four lovers caught up in the strange enchantment of a midsummer's eve as Oberon, the King of the Fairies, spars with his proud queen, Titania. Buy tickets on-line through Tele-charge (<telecharge.com>) or call 1-800-447-7400.

FRED'S PICK OF THE WEEK

September 21, 2001

# COMICS

The Tech

# FUN PAGES

Page 9

mat solar



## INSTITUTE MADNESS!

ALISON WONG



## FoxTrot by Bill Amend

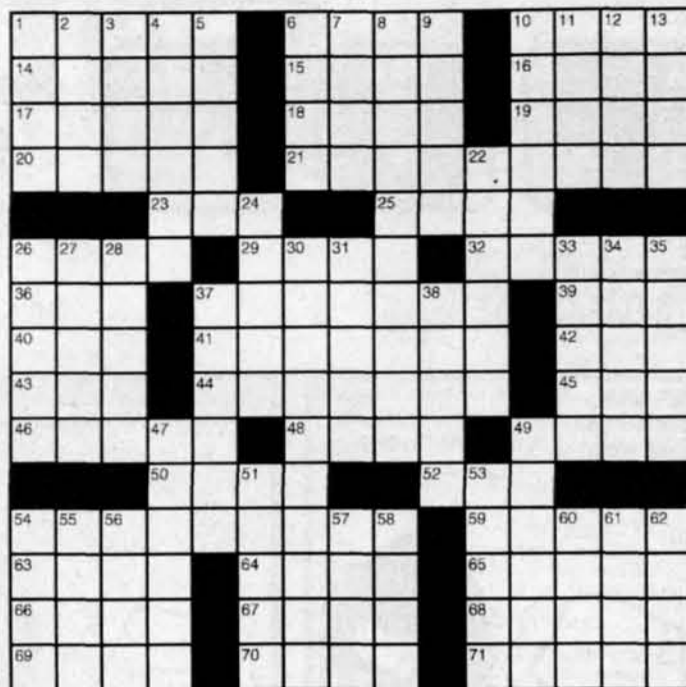


## Dilbert® by Scott Adams



Crossword Puzzle  
Solution, page 18

- ACROSS
- 1 Clearing
  - 6 Lock with a pin
  - 10 Musical pulse
  - 14 Having paddles
  - 15 Dueling sword
  - 16 Sailor's saint
  - 17 Has a meal
  - 18 Made an advance?
  - 19 \_\_\_ gin fizz
  - 20 Purview
  - 21 Lady oracle
  - 23 Slippery \_\_\_
  - 25 Sandwich cookie
  - 26 Senator Jake who flew on the Space Shuttle
  - 29 Gen. Bradley
  - 32 Zurich folk
  - 36 Curb-side quaff
  - 37 Foursome
  - 39 Final degree
  - 40 Inventor Whitney
  - 41 Defeat, in a joust
  - 42 To and \_\_\_
  - 43 Response time
  - 44 Democritus or Epicurus, e.g.
  - 45 Be penitent
  - 46 Skull cavity
  - 48 Stand open
  - 49 Light touches
  - 50 Nothing in Granada
  - 52 Real profit
  - 54 \_\_\_ van Rijn
  - 59 Humble
  - 63 New York canal
  - 64 Ta-ta, Guido
  - 65 Electrical measure
  - 66 So be it!
  - 67 Philippines island
  - 68 Consume with relish
  - 69 Breathe heavily
  - 70 ADC
  - 71 Rock-strewn
- DOWN
- 1 Valhalla crowd
  - 2 Of the congregation
  - 3 River of Florence
  - 4 Dig more?
  - 5 One Ford
  - 6 SOS
  - 7 Sketch artist
  - 8 H.S. graduation treat
  - 9 Actor O'Toole
  - 10 Confer
  - 11 Fashion magazine
  - 12 Book after Joel
  - 13 Lower digits
  - 22 Six-line poem
  - 24 Get on
  - 26 Highlanders
  - 27 '50s candidate
  - 28 Hold the throne
  - 30 Reddish woods
  - 31 Cooking smell
  - 33 Red beginning?
  - 34 Swagger
  - 35 Footlong containers
  - 37 Starlike object
  - 38 City on the Ruhr
  - 47 Still straight
  - 49 Lt. J.F. Kennedy's vessel
  - 51 Capital of Bangladesh
  - 53 Gutters' location
  - 54 Gather in
  - 55 Humorist
  - 56 Bombeck
  - 56 Demeanor
  - 57 Light touches
  - 58 Track tipster
  - 60 Choir member
  - 61 Knock senseless
  - 62 Catch sight of



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TechCalendar

TechCalendar 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 TechCalendar web page.

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

Friday, September 21

7:30 a.m. - 9:00 a.m. - **"Turning Technology into Products: Living like Dilbert in the 21st century!"**. Learn about Paid Internships and Full Time Positions with 3M In Japan and Germany. If you are in course 2, 3, 5, 6, 8 or 10 and interested in developing your technical skills in an innovative, technology based international company, come to meet 3M people! free. Room: E38 Conference Room (7th Floor). Sponsor: MIT Japan Program.

9:00 a.m. - 5:00 p.m. - **Fall 2001 UROP Direct Funding Proposal Deadline**. All students requesting UROP Direct-Funding (Funding provided by the UROP office) for fall 2001 UROPs must submit proposals and signed coversheets to the UROP Office in Room 7-104 by 5PM on Friday, September 21, 2001. . free. Room: 7-104. Sponsor: Academic Resource Center, UROP.

12:00 p.m. - 1:00 p.m. - **FileMaker Pro Quick Start**. This session introduces database terms, shows how to create a simple database, and covers the six modes of FileMaker Pro. . free. Room: N42 Demo Center. Sponsor: Information Systems.

1:00 p.m. - 9:00 p.m. - **2001 Alumni Leadership Conference**. ALC 2001 is an opportunity for you, the MIT Alumni volunteer, to meet and learn from your fellow volunteer leaders who travel to the conference from across the U.S. and around the world. ALC weekend has been designed to assist you in making connections, and gathering useful information, with an array of informal get-togethers, group dinners, and receptions.. free. Room: Friday:Stratton Student Center/ Saturday: Lobby 10. Sponsor: Association of MIT Alumni & Alumnae.

3:00 p.m. - 4:00 p.m. - **Mechanical Engineering Seminar**. "Disinclined States in Nematic Elastomers". free. Room: 3-133. Sponsor: ME Seminar Series.

4:15 p.m. - 5:15 p.m. - **A survey of some results about circles in the Plane**. Refreshments will be served at 3:30 PM in 4oom 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

6:00 p.m. - 7:30 p.m. - **Large Group Meeting**. Weekly large group meeting. There will be praise songs, prayer, and more! Afterwards, we will go out to dinner.. free. Room: 1-135. Sponsor: Graduate Christian Fellowship.

6:00 p.m. - **Theater as Political Resistance in Peru**. Talk by actress Teresa Ralli and director Miguel Rubio from the Peruvian theater group Yuyuchkani. Funded by the Office of the Dean for Student Life, the MIT Council for the Arts, the MIT Foreign Languages and Literatures Section, the Campus Committee on Race Relations, the Kelly-Douglas Fund, and MIT Theater Arts.. free. Room: Rm 4-237. Sponsor: The MIT Western Hemisphere Project.

7:00 p.m. - 9:00 p.m. - **Falun Gong Exercise workshop**. The Falun Gong exercise is an easy and effective way to relieve stress and improve physical and mental health. Millions of people in over 40 countries practice these 5 sets of gentle movements.. free. Room: 1-242. Sponsor: Falun Dafa Club.

7:00 p.m. - 12:00 a.m. - **MIT Anime Club Weekly Screening**. *Trigun* (eps 5-8). A city is dying, but when they decide Vash's bounty is the cure, will they find it comes with too high a price? Join us as Vash struggles with his haunting past. Also: TBA. Most screenings are subtitled in English. The MIT Anime Club is a non-profit MIT student organization dedicated to increasing the awareness of Japanese animation (anime) on campus. . free. Room: Rm 6-120. Sponsor: Anime Club, MIT.

7:00 p.m. - **LSC Presents: Bridget Jones's Diary**. An absorbing screen adaptation of the best-selling book by Helen Fielding. Renee Zellweger plays a single thirtysomething woman who vows to get her life under control after being humiliated by handsome barrister Mark Darcy (Colin Firth) at her parents' New Year's party. She starts a diary to chart her progress, but her determination is tested when her boss Daniel (Hugh Grant) begins flirting with her via email. See this delightful film on the big-screen once again!. \$3. Room: 26-100. Sponsor: LSC.

7:15 p.m. - 10:15 p.m. - **Comedy Collage**. Some of the tristate areas funniest comedians come and perform at Kresge for only \$2.00. The hottest comedians coming to bring you hours laughter.. \$2.00. Room: Main Kresge Auditorium. Sponsor: Black Students' Union, Chocolate City.

7:30 p.m. - **LSC Classics Presents: How to Steal a Million**. A classic 1966 romantic comedy. Nicole Bonnet (Audrey Hepburn) hires society criminal Simon Dermott (Peter O'Toole) to steal a statue from a Paris museum. But it's not what you think — the statue is a forgery, authenticity-tests are about to be performed on the statue, and Nicole's father was the forger! Presented in 35mm Panavision (anamorphic widescreen).. \$3. Room: 10-250. Sponsor: LSC.

10:00 p.m. - **LSC Presents: Bridget Jones's Diary**. See 7:00p description.. \$3. Room: 26-100. Sponsor: LSC.

Saturday, September 22

8:00 a.m. - 6:00 p.m. - **2001 Alumni Leadership Conference**. ALC 2001 is an opportunity for you, the MIT Alumni volunteer, to meet and learn from your fellow volunteer leaders who travel to the conference from across the U.S. and around the world. ALC weekend has been designed to assist you in making connections, and gathering useful information, with an array of informal get-togethers, group dinners, and receptions.. free. Room: Lobby 10 . Sponsor: Association of MIT Alumni & Alumnae.

1:00 p.m. - **Football vs. Curry College**. free. Room: Steinbrenner. Sponsor: Department

of Athletics.  
6:00 p.m. - **Bodas de Sangre**. MIT's newest dramatic troupe — specializing in Spanish theater— presents the Garcia Lorca play as their debut production.

Sunset performance will be preceded by a reading from Lorca's poetry.. free. Room: Kresge Oval (Rain location: Kresge Little Theater). Sponsor: Teatro Latino.

7:00 p.m. - **LSC Presents: Blow**. The true story of George Jung (Johnny Depp), the man who ended up controlling almost the entire US market for cocaine in the 1970s. He gains fabulous wealth and power, but pays a price for his occupation. Also starring Penelope Cruz as Mirtha. In 35mm Panavision (anamorphic widescreen), with DTS Digital Sound.. \$3. Room: 26-100. Sponsor: LSC.

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.

10:00 p.m. - **LSC Presents: Blow**. See 7:00p description.. \$3. Room: 26-100. Sponsor: LSC.

10:30 p.m. - **Women's Soccer vs. Clark**. free. Room: Steinbrenner. Sponsor: Department of Athletics.

Sunday, September 23

4:00 p.m. - **Hariprasad Chaurasia, bansuri**. \$17; \$14—MITHAS and New England Hindu Temple members; \$10—students. Room: Kresge Auditorium. Sponsor: MITHAS (MIT Heritage of South Asia).

7:00 p.m. - **LSC Presents: Bridget Jones's Diary**. An absorbing screen adaptation of the best-selling book by Helen Fielding. Renee Zellweger plays a single thirtysomething woman who vows to get her life under control after being humiliated by handsome barrister Mark Darcy (Colin Firth) at her parents' New Year's party. She starts a diary to chart her progress, but her determination is tested when her boss Daniel (Hugh Grant) begins flirting with her via email. See this delightful film on the big-screen once again!. \$3. Room: 26-100. Sponsor: LSC.

Monday, September 24

12:00 p.m. - 1:00 p.m. - **WINPartners User Group**. (Recently renamed from NT Partners)WINPartners is a group of Windows NT workstation users and administrators who have banded together to support each other in the use of Windows NT. NT Partners share their NT experiences, ask and answer questions, solve problems, discuss hot topics, and warn each other of pitfalls. Any NT user at any level of expertise and experience is welcome to join the group and attend meetings. free. Room: N42 Demo Center. Sponsor: Information Systems.

12:00 p.m. - **Arts Colloquium**. All MIT faculty and arts staff are invited to hear Ellen Cooney of the Program in Writing and Humanistic Studies speak on her work. Lunch will be served; reservations required. For more information, contact Laura Moses by Sept 19. One in a series of arts colloquia organized by Associate Provost for the Arts Alan Brody.. free. Sponsor: Associate Provost for the Arts.

4:00 p.m. - 5:00 p.m. - **"Minimal hypersurfaces in Minkowski space."**. free. Room: MIT Room 2-143. Sponsor: Differential Geometry Seminar. Department of Mathematics.

4:00 p.m. - 6:00 p.m. - **STS Colloquium**. "Ecology and Genetics: Extending the Uncertainty Principle to Ecological Relationships and the Implications for Genetic Engineering" free. Room: E51-095. Sponsor: STS.

4:00 p.m. - 5:00 p.m. - **Continuum Seminar Series: "Multi-scale modeling of hydrate-clathrate from first-principles to macroscopic thermodynamics and kinetics"**. Abstract: Hydrate-clathrates are crystalline materials built up of cages of water molecules. The cages are stabilized by inclusion of small "guest" molecules, such as methane or carbon dioxide. They are practically relevant both as an enormous potential source of methane (many times larger than all known sources of other fossil fuels) and as participants in ways of reducing emissions of green house gases. We show that current methods for modeling these materials fit known data very well, but are internally inconsistent and therefore cannot be used for making predictions. We therefore develop a new approach based on ab initio quantum mechanical calculations and show that this approach can be used to predict phase data with no adjustable parameters. We also show recent results on computing the kinetics of nucleation and growth of these materials.. Room: 3-370. Sponsor: Mechanical Engineering Dept..

4:00 p.m. - 5:00 p.m. - **EECS Colloquium Series**. The Politically Correct Nuclear Reactor. free. Room: 34-101 (Edgerton Hall). Sponsor: EECS.

4:15 p.m. - 5:15 p.m. - **Percolation on regular Lattices and Small-world Networks**. Refreshments will be served at 3:45 PM in Room 2-349. free. Room: Room 2-105. Sponsor: Applied Mathematics Colloquium. Department of Mathematics.

7:00 p.m. - 9:00 p.m. - **Intercollegiate Volleyball Tryouts**. Tryouts for the Men's Intercollegiate Volleyball Team. MIT Grads and undergrads are invited. Event is sponsored by the GSC. More info at <http://web.mit.edu/ivc/www/ivc.html> or contact Chris at melhus@mit.edu. free. Room: Rockwell Cage. Sponsor: European Club, MIT, Intercollegiate Volleyball.

7:00 p.m. - 11:00 p.m. - **Auditions for An Evening of One-Acts**. Dramashop production of student-written and directed plays. All welcome.. free. Room: Kresge Little Theater. Sponsor: Dramashop.

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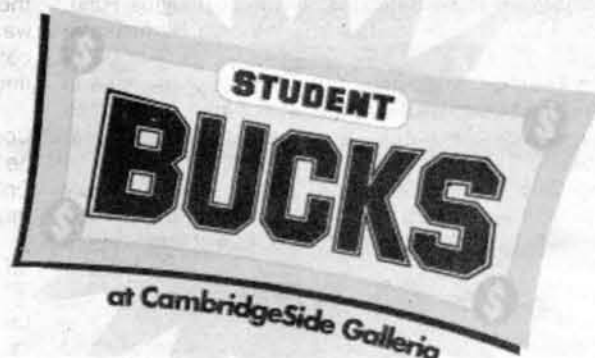
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COLLEGE STUDENTS DRINK, ON AVERAGE, FEWER THAN ONE ALCOHOLIC BEVERAGE A DAY.\*

ONE OUT OF EVERY FOUR AMERICANS HAS APPEARED ON TV.

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\*SOURCE: CORE INSTITUTE 2000

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# 50K Kickoff Begins Despite Recent Woes

By Harold Fox

Noted entrepreneur and visionary Raymond C. Kurzweil '70 gave an inspiring keynote speech in Building E51's Wong Auditorium on Wednesday, officially kicking off MIT's annual \$50K Entrepreneurship Competition.

In his address, the Lemelson prize winner and Kurzweil Technologies founder highlighted the importance of innovation in a society where technology improves at an exponential rate. The auditorium was packed past capacity with eager future business leaders undaunted by terrorist attacks and a floundering economy.

Kurzweil began on a somber note, referring to the World Trade Center bombings. While technology could empower the creative urges of humanity, he said, it could just as easily empower its destructive ones. He then took a more optimistic tone as he displayed a diverse range of technology indicators showing everything from computing power to genetic sequencing improving at an exponential rate.

"It's going to be a century marked by innovation and entrepreneurship. More and more of our economy will be devoted to applying these new technologies."

## 50K aims to breed success

The \$50K competition is a student-run organization whose goal is to "create tomorrow's leading firms," said Michael Parduhn G, the competition's organizer.

A team, which consists of four to six people, must include at least one full or part-time MIT student. In late February, each group submits an executive summary to the panel of judges. Those deemed most promising advance to the semifinal round, where they are asked to submit a more detailed business plan. The best of the semifinalists are then submitted to the finals. The winning team receives a cash prize of \$30,000, and the next two runners-up receive \$10,000.

The \$50K is not just an academic exercise. Past finalists have included Akamai Technologies, C-Bridge Internet Solutions, and net.Genesis. "Over a dozen companies were founded from last year and are in negotiations for funding," said Parduhn.

Even though the economic climate for technology companies is much tougher than it was in the past, the event still draws a crowd. One hundred and thirty-five teams submitted executive summaries last year, and organizers expect an equal number this year.

"There is always a baseline of entrepreneurial activity. The dot-coms caused a blip. Now we have returned to the baseline," said Parduhn. "There's millions of dollars [in capital] out there. If you have a

real business, you can survive." Kurzweil was optimistic about the prospects for good startup companies.

"Despite the manic depressive trends of Wall Street, technology continues to grow exponentially... When I started Kurzweil Music in 1974, there was \$20 million in venture capital spent over the whole year. Now that much can be spent on a single deal," he said.

Leading up to the \$50K in the Spring is the 1K in the Fall. Teams enter an executive summary in one of ten business categories, and the winner from each category will receive \$1000. The 1K gets teams and ideas flowing early, and it is a



JONATHAN T. WANG—THE TECH

Serial entrepreneur Ray Kurzweil '70 delivered the keynote speech at MIT's \$50K Kickoff Wednesday on night. Kurzweil's presentation focused on the exponential growth of technology and its use in our world.

good opportunity for teams to have their ideas carefully reviewed by the same experts who will judge the \$50K.

## Opportunity without risk

The \$50K aims to give its participants everything they need to know to start a company. It holds weekly panel meetings with industry experts and hosts dinners to facilitate team formation.

"It's an opportunity for students to create an entrepreneurial venture and put your whole heart into it," said Alvin Graylin SM '00, founder of iCompass inc, a semifinalist from 2000. "It's an opportunity to be exposed but not at risk."

Graylin formed his entire team from the networking events sponsored by the \$50K. "It allows you to meet highly qualified people you would not have otherwise come in contact with. It brings together the business community and the engineering school."

For more information, go to <<http://50k.mit.edu>>

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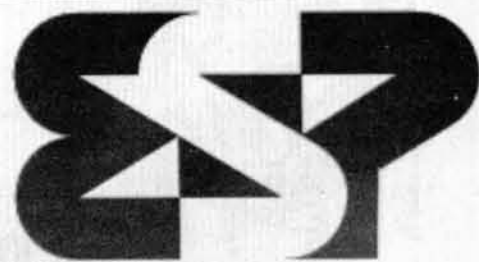


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Program administered by Maureen Costello, Director of Special Programs, MIT Office of the Arts and cooperating members of the MIT community. Funding is provided by the generous support of the John S. and James L. Knight Foundation.



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# Club Sports Council to Function as Autonomous Body

Organization will keep ties with Department of Athletics and ASA, but will follow a different set of rules

By Helana Kadyszewski

MIT's athletics department has announced the creation of a new Club Sports Council, which will redefine the relationship between the club sports program and its two major sponsors, the Association of Student Activities and the Athletics Department.

Larry Anderson, MIT's director of club sports, said that the creation of the Council came in response to cutbacks and restructuring within MIT's Athletic Department and the ASA over the past year.

"With resources as limited as they are, we must work to maximize those allotted to our club teams, and provide a better service

for our athletes," Anderson said.

Ignacio Perez De La Cruz G joined Anderson in explaining the concerns of the club sports program. Perez is a member of MIT's intercollegiate volleyball team, and currently represents club sports on the Athletics Board, a group which consists of members from all sections of the Athletics Department.

Anderson and Perez plan to factor in the input of the Graduate Student Council, ASA, and Undergraduate Association into the new council's decisions, but like the idea of having a single representative body for club sports.

"My vision of the council as a separate entity would serve to organize and centralize the dealings of

club sports," Perez said.

Right now club teams face considerable restrictions in acquiring funding, referees and trainers, and in adopting new policies. The ASA demands that all groups petitioning for recognition as a club sport must first go to the Athletics Department for approval.

"What we want is to make sure that no varsity, intramural, or club team is shortchanged by the current system. Communication between all groups is essential; we want this new council to be one of the groups," says Anderson.

As a two-year president and four-year member of a club sports team, Perez knows the importance of a strong relationship between the

sponsors of club sports. "I think that the Council would help raise the profile of club sports in MIT's athletic community while ensuring that the actual club members have a say in how the money is spent, and how the rules are made," he said.

The men's intercollegiate volleyball team travelled to Kansas City for the National Division II championships last year and placed 9th.

"We're just one of MIT's many successful competitive club programs. We just want to make sure there's some trophy space for us in the new building," he said. "That's all."

Anderson and Perez have submitted proposals for the new council and await feedback. They hope the council will be operating soon, and that as a result, the coordination of the Athletic Department and the ASA will be simplified.

"What we're hoping for is a little bit of freedom and a better partnership," Anderson said.

Recent construction has contributed to a lack of space and an unclear budget for MIT sports. As a result, MIT's Athletic Department asked the ASA to suspend the initiation and recognition of all new club sports as of February 5, 2001. The ASA granted the moratorium, and has agreed to work with Anderson and Athletic Director, Candace Royer, to redefine policies and recognition procedures.

## MIT Department of FACILITIES

### CAMPUS CONSTRUCTION UPDATE

**VASSAR STREET UTILITIES:** Truck and machine work may limit parking and travel along Vassar Street. Noise in several areas will be generated from machinery, back up alarms, and jackhammers.

**BUILDING 3 CLASSROOMS:** Drilling and saw-cutting will take place in order to create new duct shafts for the Hatsopoulos Lab, affecting all floors. Construction also continues in the distance learning classroom, which is expected to be completed in September.

**LOBBY 7 RESTORATION:** Interior scaffolding will remain in place, awaiting delivery and installation of the new skylight. Finish work will then take place on the laylight below. Construction is also underway at the 77 Mass. Ave. exterior entrance to repair the cracked limestone facade. Scaffolding has been erected, and pedestrian traffic may be affected.

**ZESIGER SPORTS & FITNESS CENTER:** An increase in the use of movable cranes and the delivery of concrete may result in congestion of accesses to the Johnson Athletic Center and Kresge Auditorium. Pedestrian and vehicular traffic may be affected.

**STEAM TRAP REPLACEMENT:** The Department of Facilities will replace steam traps in radiators throughout campus beginning in Sept. Work will be done between the hours of 7 AM and 3 PM, with each steam trap taking approximately one and a half hours to replace. Buildings 2, 4 and 10 will be the first areas to be worked on.

**MASS. AVE. STORM DRAIN:** Due to the installation of catch basins and a water main relocation, access to the parking facility at the corner of Vassar Street and Mass Ave. will not be available on the Mass. Ave. side. Vehicular traffic may enter the site from the Vassar Street side. Pedestrians will be able to access the Fleet ATM Branch facility from either side.

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

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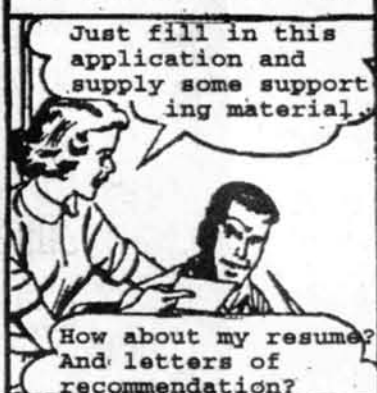
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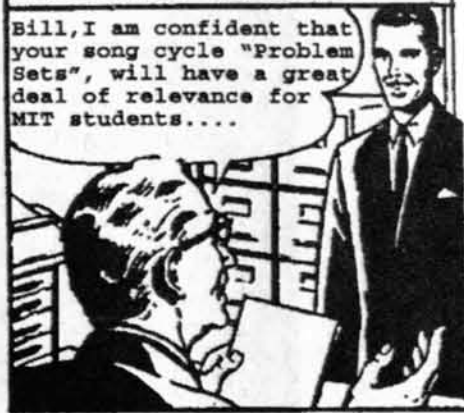
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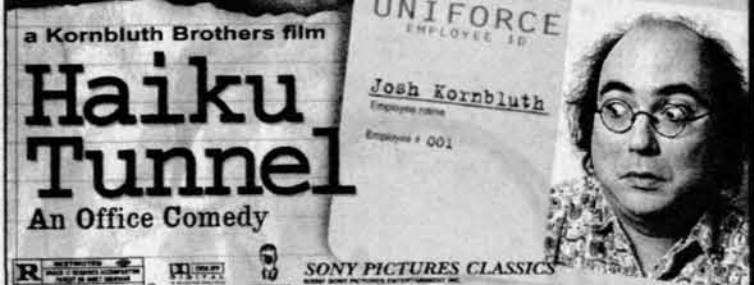
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Kenneth Turan, LOS ANGELES TIMES

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Owen Gleiberman, ENTERTAINMENT WEEKLY



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# Four Professors Address Crowd at Rally **BASICS** *Reduces Harm*

Peace Rally, from Page 1

Professors offer perspective

Students on both sides at rally

Rajesh Kasturirangan G, one of three student speakers at yesterday's rally, read a statement on behalf of a group of Southeast Asians urging Americans to "learn from our mistakes of the past and not repeat them." Citing the murder of a Sikh in Arizona and the stabbing of a Boston University student of Arab descent, the statement called for an end to hasty discrimination.

Payal P. Parekh G recited a poem titled "Where the Mind is Without Fear" that celebrated the human spirit, by a Nobel Prize-winning Bengali poet.

However, there were students who did not agree with the message of peace. Some stood a few feet from the Dot's perimeter, while others wandered through the crowd. They bore signs and flyers with messages such as "Avenge American Casualties of War," "Support America," and "Pacifism invites Terrorism."

Jean E. Jackson, a professor of anthropology, was the first of four MIT professors to address the crowd yesterday afternoon. "Making war on terrorism is a dangerous metaphor," she said. "Bring [these perpetrators] to justice through legal means." Jackson is a member of MIT's Faculty Council on human rights and justice.

"A free society is vulnerable, but that is a strength," she said. "Let's resist the call to revenge and find justice, space, recognition, and human dignity for all."

Linguistics Professor Wayne O'Neil, a member of the MIT Committee on the Middle East, spoke of U.S. soldiers painting sarcastically happy messages on missiles to be launched on Iraq. "Is this not as bad as Palestinians celebrating?" he asked the crowd.

O'Neil also discussed some old United States policies, including sanctions of Iraq and favoritism towards Israel. He called for "Operation Peaceful Justice" rather than

"Operation Infinite Justice," so that Americans can "bring ourselves and our country to justice, not just the perpetrators."

Assistant Professor of Urban Studies and Planning Balakrishnan Rajagopal, director of the MIT Program on Human Rights and Justice, said that "law should be the answer to violence ... slaughter of innocents is not justified under international law." He added that "there is no lack of framework in response to terrorism in the legal system."

Hugh Gusterson, an associate professor of anthropology and a specialist on the politics of weapons, said "if we bomb the Middle East, it will create a new generation of terrorists." He also voiced concerns that anti-America sentiments may sweep away America-friendly yet fragile governments there.

Ayida Mthembu, the associate dean of counseling and support services, and associate housemaster of East Campus, responded to the peo-

ple on the periphery with "Support America" signs by saying that she is "a big supporter of America." This country was unique in having "a possibility of all races working together," she said. Fearing that "we are so close to being in the quagmire just like Vietnam," she called for the celebration of activism by "stepping out of the sidelines and into the reality."

Students react to rally

Aimee L. Smith G said the peace rally showed "there's a community at MIT for people who want alternatives for war."

Aram W. Harrow G agreed. "Although peace is hard to defend, war is much harder to defend," he said. However, he also conceded that "it will be a challenge as to where to go next."

For Mthembu, the message to this generation of Americans should be "raise your voices. Raise your hopes. Push forward on initiatives" to ensure democracy.

Brian M. Loux contributed to the reporting of this story.

BASICS, from Page 1

periences in the past and then offering them counseling on how to avoid them in the future. It achieves this in a very individual and non-confrontational manner," said Rebecca M. Grochow '01.

All coordinators of the program agree that the "non-judgmental" manner of the program will be particularly applicable for MIT students.

"We are not operating BASICS as a research study and will have no control group — the point being to offer counseling to all students whose experiences indicate that it might be beneficial. Therefore, we will not be able to demonstrate 'success' with scientific certainty. But if any student reports that it has been helpful, that will make it worth it," Orme-Johnson said.

Students' confidentiality is assured

The program aspires to prevent situations where students are put in the difficult situation of deciding whether or not to go to MIT Medical when dealing with a student who is intoxicated.

"Confidential medical transport is closing the barn door after the cow escapes. This program will hopefully help students so they are not put in such a situation to begin with," Silk said.

Students who participate in BASICS are guaranteed the same level of confidentiality that any mental health service provides under Massachusetts patient/therapist privilege legal umbrella. Since participants are awarded money, the study is not conducted with complete anonymity.

According to Dean For Student Life Larry G. Benedict, the funds from the program come from the Institute's general operating budget, and are in no way related to the \$1.25 million scholarship established by MIT in the name of Scott S. Krueger '01. The scholarship was part of the settlement reached with Krueger's parents last year after he died of alcohol poisoning in 1997.

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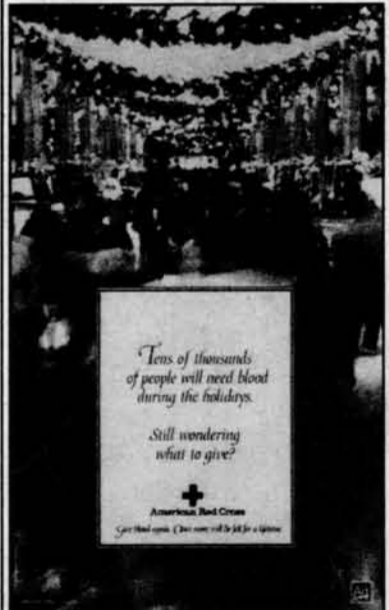
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## Solution to Crossword

from page 10

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|-----------|-----------|-------|--|--|--|
| GLADE     | HASP      | BEAT  |  |  |  |
| OARED     | EPEE      | ELMO  |  |  |  |
| DINES     | LENT      | SLOE  |  |  |  |
| SCOPE     | PRIESTESS |       |  |  |  |
|           | ELM       | OREO  |  |  |  |
| GARN      | OMAR      | SWISS |  |  |  |
| ADE       | QUARTET   | NTH   |  |  |  |
| ELI       | UNHORSE   | FRO   |  |  |  |
| LAG       | ATOMIST   | RUE   |  |  |  |
| SINUS     | GAPE      | PATS  |  |  |  |
|           | NADA      | NET   |  |  |  |
| REMBRANDT | ABASE     |       |  |  |  |
| ERIE      | CIAO      | VOLTS |  |  |  |
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# Attacks Keep Firms From Attending Fair

Career Fair, from Page 1

because it was all centralized in one location," instead of being split between Johnson and Dupont athletic centers, he added.

## Seniors prepared for job market

The mood at this year's career fair "is a little bit different and little more subdued, but it's not that we're unaware of it," Chang said. "I think the senior class understands that it's going to be a little bit more competitive" this year.

One indicator of this was the seniors' increased participation in workshops held by MIT's Office of Career Services and other Career Week events. Over 200 people attended Wednesday's case interview workshop hosted by Capital One, for example, and Putnam Investments' talk on Tuesday drew a similar crowd.

## Companies affected by attacks

A few companies who had registered to attend this year's career fair were kept from attending because of the terrorist attacks in New York, Pennsylvania, and Washington, DC.

Morgan Stanley was absent, for example, as its offices were among those destroyed during the World Trade Center's collapse.

Another company, Electronic Arts, was absent for a different reason. Kevin J. Johnson '02, a new employee at EA, explained that the company canceled last week because it found itself busy redesigning its computer games to eliminate violence that might remind players of the terrorist attacks.

Despite its recent announcement of major layoffs, Boeing company

was present at the career fair. Those manning the Boeing booths said that the news was so recent that they were yet unsure what effect it may have on Boeing's recruiting strategy.

Other recruiters felt last week's attacks may actually have increased student interest. "We're hiring significant numbers and we're happy to report that across the country," said Central Intelligence Agency recruiter Bryan P. Peters. "A lot of students are coming out, I think in response to last week's events," he said.

MIT students are "reknowned for their technology skills and we certainly are in need of their expertise," Peters said. The CIA is looking for computer science and electrical engineering majors.

## Career fair better organized

According to Chang, there was a wider variety of job opportunities available to students when compared to past career fairs.

"Financial industries did not dominate this year," Chang said. "We still lack in certain majors; we didn't have a strong presence in majors such as architecture, for example. But in all, it was more representative than in previous years."

This year is also the first in which both graduate and undergraduate students are welcome on both Thursday and Friday. "It's working out great. Instead of forcing students to come on a certain day, we give them an option" to work it out with their class schedule, Chang said.

Chang believes today will be a busier day at the career fair than yesterday. "Just the way scheduling works, a lot of students don't have classes on Friday," he said.

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### YOU'RE INVITED:

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## GUEST SPEAKER

### COMMENCEMENT EXERCISES 2002

The Commencement Committee invites suggestions for the guest speaker at MIT's Commencement Exercises on Friday 7 June from all members of the community. The commencement speaker should be one who will be able to address topics of relevance to MIT.

Written suggestions may be dropped off at the Undergraduate Association Office - Room W20-401, Graduate Student Council Office - Room 50-222, and Information Center - Room 7-121.

In addition, suggestions may be filed with Sudeb Dalai - President of the Class of 2002 ([sdalai@mit.edu](mailto:sdalai@mit.edu)), Dilan Seneviratne - President of the Graduate Student Council ([dilan@mit.edu](mailto:dilan@mit.edu)), Gayle Gallagher - Executive Officer for Commencement ([gayle@mit.edu](mailto:gayle@mit.edu)), and Eric Grimson - Chairman of the Commencement Committee ([welg@ai.mit.edu](mailto:welg@ai.mit.edu)).

Suggestions must be received by the Friday 5 October.

Following a review, the Committee will submit a list to President Vest for consideration. The list will not be made public. President Vest has the responsibility and authority for selecting and inviting a guest speaker for the Commencement Exercises.

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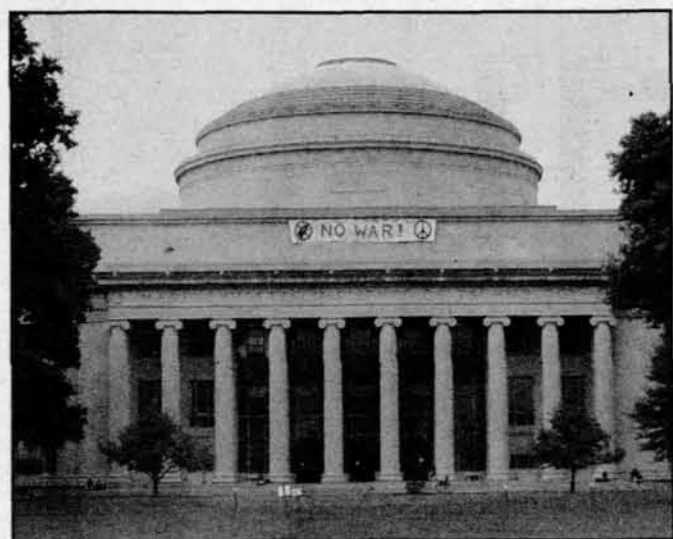


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JACQUELINE T. YEN—THE TECH

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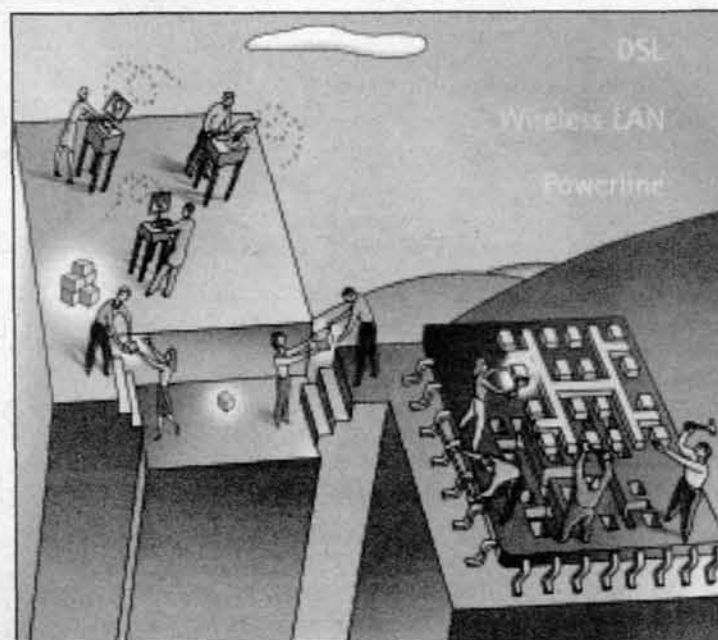
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## SPORTS

Jewish  
Athletes  
HonoredBy Roger F. Crosley  
DIRECTOR OF SPORTS INFORMATION

• Three MIT athletes have been named to All-America teams by Jewish Sports Review magazine.

Sports  
Shorts

Lacrosse player Eli J. Weinberg '02 and women's basketball player Rayna B. Zacks '04 were each named to the first team in their respective sports. David A. Cantor '02 was an honorable mention pick on the lacrosse team.

• The MIT men's Cross Country team recently captured first place at the UMass Dartmouth Invitational Meet, and has been ranked 12th in the nation in the National Collegiate Athletics Association's Division III. At the UMass Dartmouth meet, the Engineers defeated 25 other teams, including sixth ranked Tufts University. Engineer runners captured the top two spots in the meet with Daniel R. Feldman '02 taking first with a time of 24:43.20 over the 5.1-mile course. Teammate Nolan '03 ran to second place 15.33 seconds behind Feldman.

• The MIT men's soccer team's 4-0 start is believed to be the best start in the history of the program. The 1949 team went 4-1-1 in its first six games, but lost the fourth game.

• In women's volleyball, the team has begun the season with a 7-1 record. The mark is the best for the program since 1993 and is the best start in the head coaching career of coach Paul Dill.

• The MIT golf team recently placed seventh of 14 teams in the Bowdoin College Invitational Tournament. The Engineer's Robert R. DeSoe '02 placed in a tie for fourth in the competition among 59 golfers. DeSoe shot a two-day, 36-hole total of 156 and was only two shots off the lead.

• Linebacker Stephen D. Lovell '04 was named to the New England Football Conference weekly honor roll for his play in MIT's loss to Salve Regina University last weekend. Lovell had a dozen total tackles, including 10 unassisted stops.

• 2001 MIT graduate Avishai Geller '01 recently signed to play with the Anchorage Aces of the Western Professional Hockey League. The team is coached by former Boston Bruins Coach Butch Goring. Geller is the first rookie signed by the Aces.

## Cross Country Fares Well in First Meet

Junior Varsity Squad  
Places Sixth, Varsity  
Aided by Fast FroshBy Marissa L. Yates  
TEAM MEMBER

With the largest freshman class in years, coaches Paul Slovenski and Harold B. Hatch led the MIT women's cross country team to a strong start in the first meet of the year.

Returning varsity runners Martha W. Buckley '04, Katie R. Huffman '04, Crystal A. Russell '03, and Margaret F. Nervegna G are joined by a strong freshman squad with excellent prospects for the coming season.

On Saturday, the women competed in the UMass Dartmouth Invitational against twenty-seven complete teams. In the first race of the morning, the junior varsity team ran exceptionally well, capturing sixth place.

Nancy J. Benedetti '05 led the MIT women with a 20th place finish in a time of 20:23. Returning sophomore Katie R. Huffman '04 earned 32nd place with a time of 20:42. Jessica E. Karnis '05 followed two seconds behind Katie, claiming 33rd place in a time of 20:44.

Christina L. Greene '05 (47th place), Jennifer A. Gaugler '05 (59th place), Jenna N. Matheny '05 (64th place), and Judy Y. Yeh '05 (91st place) covered the five-kilometer course in 21:09, 21:35, 21:43, and 22:24 (respectively). Jillian L. Dempsey '05 (103rd place) Raquel Escatel '05 (104th place), and returning runner Teresa H. Ko '02 (105th place) formed a pack, finishing within two seconds of each other in 22:57, 22:58, and 22:59 respectively. Sophomore Katie S. Wasserman '04 raced to the finish in 23:54, claiming 120th place.

In the varsity race, the women



STANLEY HU—THE TECH

Flanked by a pack of runners, Julia C. Espel '05 (left) and Martha W. Buckley '04 round the corner en route to placing 18th and 19th, respectively, in last week's UMass Dartmouth Cross Country Invitational. Espel and Buckley's performances lifted MIT to 8th place among the 27 teams.

captured eighth place, improving over their tenth place finish last year. The women were led by Julia C. Espel '05 in 18th place and Martha W. Buckley '04 in 19th place. They raced together throughout the five-kilometer course and finished only one second apart at 18:41 and 18:42. Veronica A. Andrews '05 (56th place) and Crystal A. Russell '03

(61st place) formed the next pack of MIT runners, finishing only five seconds apart at 19:37 and 19:42.

Completing the team score, speedy freshman Jennifer J. DeBoer '05 completed the course in 20:14, earning 89th place by narrowly beating another runner across the finish line. First year graduate student Margaret F. Nervegna G (105th place) and

junior Marissa L. Yates '03 (115th place) rounded out the team's finishes in 20:38 and 20:58 respectively.

After a strong start to the season, the team hopes to continue improving its standing. Next Saturday, the women's cross country team will race in the Codfish Bowl on their home course in Franklin Park.

## UPCOMING HOME EVENTS

Saturday, September 22

Women's Soccer vs. Clark, 10:30 a.m.  
Football vs. Curry College, 1:00 p.m.

Tuesday, September 25

Field Hockey vs. Babson College, 6:00 p.m.  
Women's Volleyball vs. WPI, 7:00 p.m.Engineer Football Team  
Drops Early Lead, Falls  
To Salve Regina, 32-13By Thomas J. Kilpatrick  
TEAM MEMBER

Despite the cancellation of all National League Football and NCAA Division I Football games, Division III MIT faced Salve Regina University on Saturday. It was a game of lost opportunities and mistakes for the MIT football team. The Engineers led 13-6 early on the strength of touchdown runs by tailbacks Kale D. McNaney '05 and Temitope O. Sonuyi '05, but were not able to extend the lead on this beautiful Newport, Rhode Island day. Salve took the lead with touchdowns in the second quarter to make it 18-13 and never relinquished their advantage. The final score was 32-13.

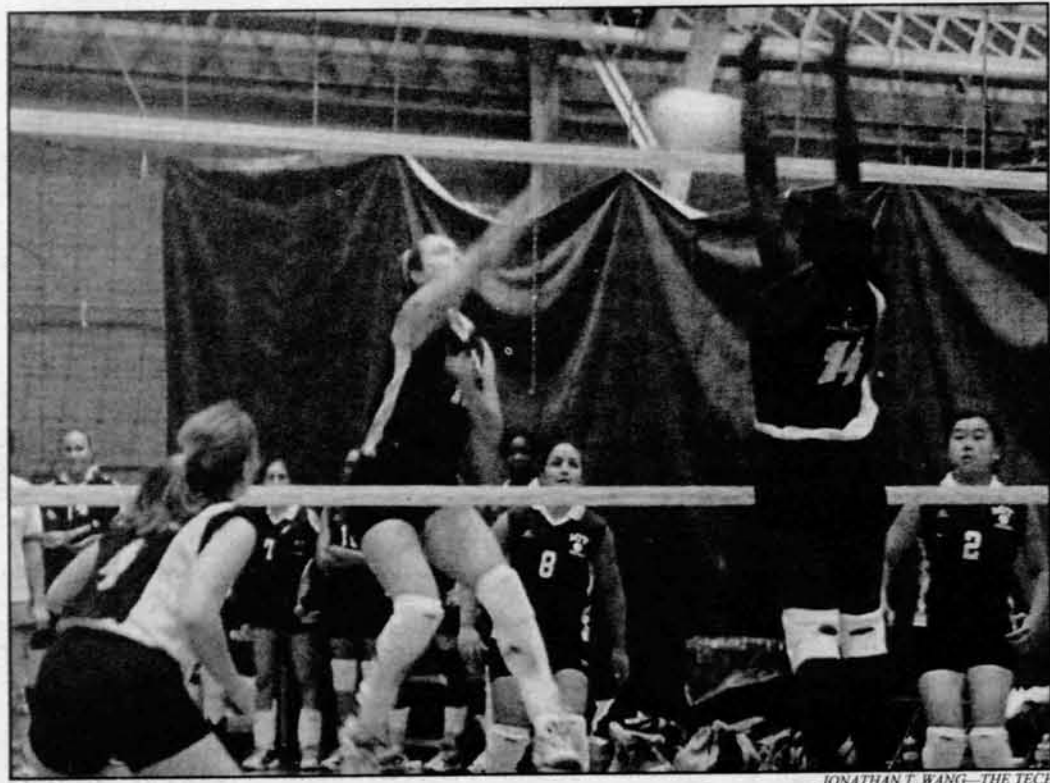
The MIT offense had some good drives, but stalled often as it only converted one of ten third down opportunities. Sonuyi rushed for 81 yards, McNaney for 72, and fullback Kip M. Johann-Berkel '02 for another 21 yards. Quarterback Philip M. Deutsch '04 completed 10 passes for 113 yards and 82 of those yards were to receivers Robert R. Owsley '02 and Keith Y. Battocchi '02.

However, the offense also committed four costly turnovers and missed several opportunities for

touchdowns when open receivers were near the end zone and passes were batted away or fell incomplete. These plays, in addition to some homer officiating, may have doomed the team in the end.

That's not to say the Engineers didn't give a good effort in the second half, though, as they trailed only 24-13 during much of that time. The defense played heroically to keep the squad in the game by forcing three fumbles recovered by Brian C. Alvarez '02, Michael J. Harvey '04 and Thomas J. Hynes '02 (who also contributed six unassisted tackles). Defensive back Corey D. Carter '03 may have been MVP of the day, as he forced one of the fumbles deep in MIT territory to prevent Salve from totally dominating the game. He also had a key pass breakup and some big hits on special teams. Another defensive star was inside linebacker Stephen D. Lovell '04, who led the team with 11 tackles.

Credit must also be given to Salve, whose brutal "Wing-T" rushing attack controlled the clock and gained 329 yards on the ground. The Engineers fell to 1-1 in the New England Football Conference, and have been gearing up this week for tomorrow's home game against Curry College at 1:30 p.m.



JONATHAN T. WANG—THE TECH

Kelly A. Martens '03 hammers the ball past a Mount Holyoke defender in Saturday's game. MIT beat Mount Holyoke 2-0.