

MIT Solar Car Club engineers explain the mechanics of their car to a freshman during yesterday's Activities Midway.

WAN YUSOF WAN MORSHIDI—THE TECH

East Campus Reacts After Student Death

By Rima Arnaout and Douglas E. Heimburger STAFF REPORTERS

Residents and tutors of East Campus gathered yesterday to discuss the death of Richard Guy '99, who died early in the day as the result of a drug overdose.

"It's hard but they're handling it quite well," said East Campus Housemaster Jed Z. Buchwald of EC residents. "There's been deans on call, housemasters," and mental health professionals on hand to listen to the students' concerns, Buchwald said.

"Things have gone about as well as can be hoped for right now," Buchwald said.

A student of East Campus found Guy unconscious on the fifth floor of East Campus' east parallel yesterday morning around 1 a.m. Guy was pronounced dead at the scene.

Guy, a resident of Mission Viejo, California, was entering his junior year as a physics major.

The Cambridge Medical Examiner's office confirmed yesterday that Guy died from asphyxiation as a result of nitrous oxide intoxication. Guy had a plastic bag over his head to inhale the nitrous.

Guy's death is being investigated by Campus Police. The death is currently presumed to be an accident.

The Associated Press reported last night that the Middlesex County district attorney's office said the case was not being treated as a

homicide.

During a meeting yesterday afternoon, housemasters and East Campus residents decided to move some of their in-house rush events to the halls of the dormitory in an effort to avoid media attention.

"The consensus was that we felt that Dick Guy would have wanted us to go on as much as we would have," said East Campus President Jennifer A. Frank '00. "We're going to tone down our events slightly and keep them within the dorm, but otherwise things will go on as planned."

Nitrous possession illegal

Nitrous oxide, or laughing gas, is a common inhalant drug traditionally used as anesthesia. It is mixed with oxygen when used in anesthetic use, most frequently by dentists. Nitrous is also used to make large amounts of whipped cream and in auto racing.

Pure nitrous oxide, however, can push oxygen out from the blood into the lungs, depriving organs of oxygen. It can cause dizziness, lightheadedness and euphoria.

The possession of nitrous oxide with the intent of inhaling for intoxicating purposes is illegal in the Commonwealth of Massachusetts, with a maximum punishment of a \$200 fine or six months in jail.

According to the Massachusetts

Rush, Page 10

Guy, Page 10

FSILGs Explore Non-Residential Pledging to Prepare for Rush '01

By Mike Hall

As rush 1999 comes to a close, MIT's fraternities, sororities and independent living groups are now turning their attention to the challenges of next year's rush.

Faced with the possibility of all freshmen being housed on campus, many houses are seeking alternatives for rush 2000 and beyond.

Non-residential pledging is the

primary plan for post-2001 rush. Todd W. Nightingale '01, rush chair for Zeta Psi, said that his house would rush freshmen "to get first crack at the best guys... Even without living here, we could give [pledges] a taste of frat life while still in freshman year."

Most houses considering non-residential pledging would charge non-resident members a standard dues fee, similar to the current fee

system at MIT sororities.

Many houses also plan to begin rushing upperclassmen in 2001. "If necessary, we are considering upperclassmen pledges," said Mehul P. Shah '01, rush chair for Beta Theta Pi. Shah added that Beta would also consider a continuous rush to draw in students not satisfied with their housing.

Rush, Page 10

Like MIT, UC-Berkeley Freshmen Rush Greeks

By Frank Dabek EDITOR IN CHIEF

This article is part of The Tech's continuing series examining residence selection at MIT's peer universities.

Rush is under way this week at the University of California at Berkeley and freshmen are participating. The school is, like MIT, one of the dwindling number that allows freshmen to live in greek organizations.

Like MIT, Berkeley depends on its greek system to provide additional spaces in an overtaxed residence system. The Daily Californian, Berkeley's student newspaper, reported yesterday that the school's 5,200 bed residence system was being forced to crowd doubles into triples to meet the school's guarantee of housing to all freshmen.

Space constraints prevent

Berkeley from guaranteeing all students housing. In fact, 50 percent of those reapplying for university housing were denied, said Michelle Kniffen, manager for residence and housing assignments. Only 54 spots are vacant in the 5,200 bed system, said Berkeley's greek adviser Jerred Schere.

Over 1,700 students live in Berkeley's greek system according to Schere. Each year about 400 to 500 students pledge greek organizations, he said.

Summer dorm choice

Freshmen who wish to live in dormitories must apply during the summer before they arrive on campus and are made an offer later in the summer, Kniffen said.

Freshmen may rank the resi-

Berkeley, Page 11



Joost Bonsen G leads new graduate students on a tour of the campus as part of the Graduate Student Orientation yesterday afternoon.

JAMES CAMP

Former CIA director and MIT Professor John M. Deutch loses his security clearance.



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OPINION

Julia C. Lipman discusses the implications of Webbie Tookay, the world's first virtual model.

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WORLD & NATION

Apple Introduces its Power Mac G4

LOS ANGELES TIMES

SAN FRANCISCO

Apple Computer introduced a new version of its desktop computer Tuesday, crowing that its new Power Mac G4 is much faster than many newer business and personal computers using Intel's flagship Pentium III microprocessor.

The news helped push Apple shares up \$3.19 to \$65.25 on Tuesday, about double where they traded in March, and at their highest level since 1993.

Adding a new product to Apple's nearly two-year resurgence, the 400 megahertz versions of the Power Mac began shipping Tuesday at \$1,599 without a monitor, and two faster versions are scheduled for release in September and October.

"It's the most powerful personal computer ever brought to market," said Apple Chief Executive Steve Jobs in introducing the Power Mac G4 to an enthusiastic throng at a Seybold Seminars publishing convention in San Francisco.

Apple also said it has received 140,000 orders in just 40 days for its new iBook portable computer aimed at consumers, more than double the company's shipments of its higher-priced PowerBook portable in the entire second quarter.

Apple posted about \$1 billion in losses in 1996 and 1997 and seemed close to going out of business. But Jobs, who co-founded Apple, returned to run the company in August 1997. And the introduction last year of its wildly popular candy-colored iMac computer helped revive the company.

Sampras Withdraws from U.S. Open

THE WASHINGTON POST

FLUSHING MEADOWS, N.Y.

The tear in the cartilage in Pete Sampras' lower back is only two millimeters long, but it was big enough to throw the U.S. Open into turmoil Tuesday when the top-seed was forced to drop out. The withdrawal ends Sampras' bid at a record 13th Grand Slam title, wrecks a showdown with fellow American Andre Agassi and wipes out any chance Sampras had to hold on to the world's No. 1 ranking.

"The last three days have been hell — the worrying about not playing and the stress," Sampras said. "Then we finally got some tests done on it and that was really that last straw that said, 'that's it, it's over.'"

Sampras had been on a course to meet Agassi in what would have been a blockbuster final, but his injury threw the upper half of the draw wide open. No. 5 seed Gustavo Kuerten and No. 7 seed Todd Martin each will have a better chance after advancing Tuesday, although Britain's Tim Henman, the No. 6 seed, was upset, 7-6 (7-1), 6-4, 6-3, by Argentina's Guillermo Canas.

Afterward, the Wimbledon semifinalist said he "played horrendously" against Canas, ranked No. 68.

"It was probably an all-time low for me," Henman said. "I don't know really where to begin to sort of describe the way I was playing. I'm No. 5 in the world at the moment. That's the highest ranking I've ever been, and I couldn't be more dissatisfied with my game."

Russia Renews Fighting in Dagestan

THE WASHINGTON POST

MOSCOW

Russia has opened a new offensive against Islamic separatist forces in the southern republic of Dagestan, and officials said Tuesday that three days of fighting had brought fresh casualties, including eight Russian soldiers.

The new warfare, which has shifted to a new area, came only days after Prime Minister Vladimir Putin declared victory over a group of Chechen fighters who had crossed into Dagestan on Aug. 7 and seized several villages. Their declared aim was to expel Russia from Dagestan, but after heavy attacks, they appeared either to have been forced back into Chechnya or wiped out.

"The Chechen gunmen had made an extremely bad mistake," Putin said in a newspaper interview published Tuesday.

Since Sunday, Russian Interior Ministry forces have taken control of two Islamic villages just southwest of the capital, Makhachkala, that had been a center of Islamic rebellion in recent months. Spiritual leaders there had declared their independence from Dagestan last year and instituted Islamic law. At the time, Russia did little about it.

WEATHER

High and Dry

By Peter Huybers and Greg Lawson

STAFF METEOROLOGISTS

Through the largess of a high pressure zone abiding above Boston we should continue to experience fine weather over the next few days. Today's high will be 76 °F (24°C) and tonight's temperatures will drop to 60 °F (16°C). Light winds will blow from the east and low humidity will persist. Expect a clear day followed by a clear night with just a touch of high cirrus clouds topping things off.

Through Thursday and Friday, look for temperatures to mildly increase into the upper 70s and low 80s as the high pressure system over Boston moves to the east. Winds should remain light but switch from easterly to westerly. Continued clear skies will make for a comfortable week.

Hurricane Dennis continues to churn the seas to our southeast sending large waves to our shores and threatening the Carolinas. The only immediate impact is possible coastal erosion on our beaches.

Today: Sunny. Light easterly winds. High of 76°F (24°C).

Tonight: Clear. Winds shifting to southerly. Low of 60°F (16°C).

Tomorrow: Continued clear skies. Winds shifting to westerly. High 81°F (27°C). Low 61°F (16°C).

Friday Outlook: More of the same, just warmer and a bit more humid.

Congolese President Kabila Signs Cease-Fire With Rebels

By Jon Jeter

THE WASHINGTON POST

JOHANNESBURG, SOUTH AFRICA

Rebel leaders who took up arms 13 months ago to topple Congolese President Laurent Kabila signed a cease-fire plan Tuesday aimed at ending a civil war that has drawn five neighboring African countries into battle.

Hailed as a pivotal step toward bringing peace to Africa's third-largest country, the peace plan leaves unresolved many of the issues that sparked the rebellion, analysts warned.

If the cease-fire holds, the peace pact calls for international peacekeepers to take up positions inside Congo. The United Nations has alerted 90 peace monitors to enter Congo next week to prepare for deployment of a larger peacekeeping force that U.N. officials estimate would require at least 25,000 troops.

The White House said in early July that the United States would consider participating in a multinational peacekeeping force, but an administration official in Washington emphasized Tuesday that no decision has been made.

The signing of the pact in Lusaka, Zambia, Tuesday by 50 leaders of the rebel Congolese Rally for Democracy follows months of diplomatic efforts to untangle the complex issues and motivations of each of the warring parties. Congo and the other five nations involved in the war signed the document six weeks ago, but divisions within the rebel group led its leaders to boycott the peace process until Tuesday.

While negotiators expressed optimism at Tuesday's breakthrough, they acknowledged that, at best, the pact constructs a framework to achieve lasting peace.

"The signing itself does not

mean peace," said Zambian President Frederick Chiluba, the chief mediator in the negotiations. "It is the beginning of a long process that will go through difficult phases."

The accord calls for fighting to stop within 24 hours of its signing, followed by the formation of a joint military commission that includes the rebels, Congolese government and each of the foreign powers involved in the conflict. The agreement also schedules Congolese elections next July.

But the war's most combustible issues were left unresolved — most notably the continuing conflict between ethnic Tutsis and Hutus on Congo's volatile eastern border with Rwanda.

Though the Congolese Rally for Democracy ostensibly started the rebellion in August 1998 over Kabila's autocratic leadership, the rebels were supported by Rwanda's Tutsi-led government, which was keen on halting cross-border raids by Rwandan Hutu extremists based in Congo. The exiled Hutus are remnants of the Rwandan troops and militiamen, known as the Interahamwe, who killed more than a half-million Tutsis in 1994 before the Tutsi rebel force that forms Rwanda's current government halted the genocide and drove the Hutu extremists into Congo.

The Hutus' raids from safe havens across the border drove Rwanda to back an earlier rebellion in Congo, which toppled dictator Mobutu Sese Seko and put Kabila in power in May 1997. But when Kabila failed to bring peace to the border region, Rwanda turned against him and supported the current rebellion, along with Uganda. At the same time, Kabila made common cause with the Hutu extremists, arming and training them to fight the

rebels.

With Kabila and Rwanda now nominally at peace, the fate of the Hutu extremists is uncertain. Few expect to disarm, and many expect them to continue trying to destabilize their home country from inside Congo.

"The Lusaka accord (is) a broad framework document designed to draw in and mollify the various belligerents," said Richard Cornwell, an analyst with the Institute for Security Studies, a Johannesburg think tank. "But the whole deal still rests on what would happen on the ground, not just 24 hours after the signing ... but later on with the number and seriousness of cease-fire violations and, even more difficult, the disarming of militia groups, including the ... Interahamwe."

A year ago, it appeared that the rebels would quickly topple Kabila after only 15 months in power. In the opening weeks of the rebellion, rebel forces and Rwandan and Uganda army troops flew cross-country from their strongholds in eastern Congo to the far west, making straight for the capital, Kinshasa. But Angola, Zimbabwe and Namibia sent troops, weapons and warplanes to bolster Kabila, fending off a siege of the capital in late August of last year.

The rebels gradually gained control of more than a third of Congolese territory. Battles fought deep in the vast country's thick forests claimed an unknown number of victims and put some of Congo's rich mineral resources under the control of the rebels and their backers.

But the war ground to a stalemate, the rebel groups splintered and squabbled among each other, and Chiluba and mediators from Tanzania and South Africa pressed hard for peace.

Anti-Independence Militias In East Timor Allege Rigged Vote

By David Lamb

LOS ANGELES TIMES

DILI, INDONESIA

A day after East Timor staged a historic and largely peaceful election, anti-independence militias reappeared in scattered areas of the province Tuesday, and their spokesman accused the United Nations of rigging the vote.

Members of Aitarak, the main anti-independence militia, blocked a convoy carrying 150 local and foreign U.N. personnel in the tiny mountain town of Gleno, about 30 miles southwest of here. The standoff ended after negotiations led by U.N. officials who reached the area by helicopter, and the convoy continued on to Dili.

Australian election observers said three Indonesian U.N. personnel were killed in the Ermera district around Gleno on Tuesday. U.N. spokesman David Wimhurst said he was unable to confirm the deaths. He added that all the ballot boxes from the election had reached Dili safely and counting would begin Wednesday.

The people of East Timor, a former Portuguese colony invaded by Indonesia in 1975 and annexed the next year, were asked in the U.N.-supervised election Monday whether they wanted independence or continued association with Indonesia that would include wide-ranging autonomy. The results are expected to be announced next week.

The election was largely peaceful, as militias kept their promise to lay low and not interfere with voting.

The size of the voter turnout stunned even U.N. officials, who announced Tuesday that 98.6 percent of East Timor's more than 430,000 registered voters cast ballots.

Political analysts said the high turnout probably will favor the pro-independence side, which had been subjected to a campaign of intimidation by anti-independence militias hoping to influence the outcome. Many voters ignored death threats and walked miles to reach polling stations.

"This is absolute proof that the campaign of violence, threats, intimidation and attempts to destabilize the election process were a complete failure," Wimhurst said.

President Clinton, who is vacationing this week in Skaneateles, N.Y., was pleased by the high turnout and the "relative lack of violence" in East Timor, Jake Siewert, deputy White House press secretary, said Tuesday.

Most analysts believe voters overwhelmingly approved independence. Although both sides have pledged to abide by the people's wishes, it remained unclear if the militias favoring autonomy under Indonesian rule were really prepared to end the civil war that has dragged on for 24 years.

Basilio Diaz Araujo, the

Australian-educated spokesman for the pro-autonomy United Front for Autonomy, issued a statement in the Indonesian capital, Jakarta, calling the election "garbage" and accusing the United Nations of favoring independence forces. Some of his colleagues have said there is a world conspiracy against anti-independence forces.

The world community applauded both the election turnout and the fact that the poll was held under largely peaceful conditions. Many countries have threatened Indonesia with political and economic consequences if the Jakarta government fails to provide sufficient security to ensure that the voters' wishes are carried out.

Indonesian President B.J. Habibie made an 11th-hour appeal on election eve to East Timor's 800,000 people, asking them to opt for continued association with his nation. But Indonesia has such a shameful human rights record in East Timor and has failed to fulfill so many promises that his plea may have fallen on deaf ears.

Western diplomats are openly critical of Indonesia's inability or unwillingness to control its military and police in East Timor and insist those forces remain neutral and protect the citizenry. Both forces have made little secret of their support for the anti-independence movement whose unruly militias are trained and paid by the military.

Jewish Group Presses Hillary Clinton for Pollard's Freedom

By Charles Babington

THE WASHINGTON POST

A New York group is pressing Hillary Rodham Clinton to lobby her husband on behalf of a convicted Israeli spy, the clearest example yet that the first lady's unprecedented Senate race could create awkward moments for the president as interest groups trying to influence the White House perceive a way to apply pressure.

The pro-Israeli group, which held a rally Sunday in New York City, says it hopes to use Hillary Clinton's candidacy as leverage on the president to release Jonathan Jay Pollard from prison. Under their strategy, the first lady either urges her husband to abandon his administration's policy on Pollard or she risks alienating some Jewish activists who could be vital to her Senate bid in New York.

Hillary Clinton already has taken several positions that are popular in New York but contrary to her husband's policies. They include raising questions about

Medicare cuts that reduce funding for the state's teaching hospitals. But this week's events apparently mark the first time an interest group has acknowledged making demands on the first lady solely to influence the president, not to affect the Senate election, which is 14 months away.

"I know she has influence with the president, I know she can bring this to his attention in the way no one else can," New York Assemblyman Dov Hikind, a Democrat who represents Brooklyn, said in an interview, referring to his loose-knit coalition's efforts to free Pollard. "I would hope she would get involved and this case of Pollard would be resolved way before the election." Many expect Hillary Clinton to square off with Republican Rudolph Giuliani, the New York City mayor.

Some analysts predict other interest groups also will see the first lady's candidacy as a potential conduit to the White House, forcing the president and his aides to cope with

an untested brand of political influence.

"It is a pressure point, it is a vulnerability," said Fred Greenstein, a presidential scholar at Princeton University. Lobbying groups have sought to influence other presidents through relatives, he said, citing Libya's courtship of then-President Jimmy Carter's brother Billy. "But none of them are quite the same thing" as wooing one who shares the presidential bedroom, he said.

Sidney Zion, a member of Hikind's group, wrote in the New York Daily News' Aug. 5 op-ed page that Hillary Clinton may "hold the key to Jonathan Pollard's jail cell." He added: "To win, she needs a big majority of Jews in New York City. ... Get your husband to pardon Jonathan Pollard and then we'll believe you (support Israel)."

Pollard, a former Navy intelligence analyst, is in the 14th year of a life sentence after pleading guilty to selling U.S. military secrets to Israel.

FBI Raid Fails to Deter Cracker; 'Global Hell' Continues Attacks

By Roberto Suro

THE WASHINGTON POST

WASHINGTON

Most mischievous teen-agers would be intimidated if FBI agents showed up armed with a search warrant, asked a lot of hard questions and then seized all the computer equipment in sight. But Chad Davis just got angry, according to federal officials.

Less than four weeks after the FBI searched the apartment where Davis, 19, lives alone in Green Bay, Wis., he defiantly cracked a U.S. Army computer at the Pentagon, according to a federal complaint filed against him when he was arrested Monday.

During the June 2 search, Davis admitted that he belonged to a notorious cracking gang that calls itself "Global Hell," and the FBI agents let him know they were cracking down on the group. On June 28, Davis allegedly struck back: he replaced the Army's Internet home page with the message: "Global Hell is alive. Global Hell will not die."

Court papers depict Davis as one of the founders and leaders of the gang, which allegedly has made repeated computers intrusions into computer systems at the White

House, the FBI and numerous other government offices. In addition, he allegedly assisted in the cracking of some 17 corporate and private web sites, and may have helped himself to two years' worth of free access to the Internet through a local provider in Green Bay.

Davis is the only person yet arrested in a nationwide investigation of Global Hell that has been under way for several months and has turned up more than a dozen other suspects. Although investigators suggest that more arrests may be coming, his apprehension shows the difficulty of tracking down computer criminals — even those, like Davis, who are relatively brazen and unskilled, according to federal law enforcement officials and computer security experts.

"It is not that these are super whiz kids; it is the technology that gives them the ability to cover their tracks enough that you can have a hard time making a criminal case against them," said a senior federal investigator.

In the case of Global Hell, the crackers made a point of calling attention to themselves.

"They are into bragging rights," said Drew Williams, a specialist on

computer intrusions with AXENT Technologies, an information security firm based in Rockville, Md. "They are vandals who are into it for the sense of chaos."

On May 9, Global Hell went right to the top and defaced the White House web site with off-color messages. Within weeks, the FBI launched raids in at least 11 cities that involved searches and questioning of suspected members of Global Hell, but no arrests. Several of the individuals targeted were minors, investigators noted.

As the raids were still unfolding, Global Hell retaliated with an unprecedented attack against the FBI Web site, flooding it with thousands of simultaneous "hits," or requests for access, on the night of May 26. The FBI was forced to shut down the site rather than risk damage to the computer server. Over the next week, members of Global Hell also attacked web sites maintained by the Department of Interior, the Senate and even the state of Virginia.

On June 2 FBI agents arrived at the apartment, search warrant in hand. Davis admitted that he was a member of Global Hell and even that he had hacked into a number of non-government web sites.

Scientists Cite Problems Multiplying From Los Alamos-China Spy Scandal

By Earl Lane

NEWSDAY

WASHINGTON

The flap over alleged nuclear spying by China has complicated efforts by scientists to reverse a ban on Indian physicists from experiments at Brookhaven National Laboratory and the Fermi National Accelerator Laboratory, a leader of one of the experiments said Tuesday.

Paul Grannis, a physicist at the State University of New York at Stony Brook and a driving force at the DZero experiment at Fermilab, cited a general climate of suspicion of foreign-born researchers growing out of a congressional investigation and media accounts of alleged Chinese espionage at the Los Alamos National Laboratory in New Mexico.

Last year, well before concerns about possible spying at Los Alamos became public, the Clinton administration imposed travel restrictions on many scientists from India and Pakistan in the wake of

nuclear bomb tests by both countries. For India, the sanctions applied to numerous institutions, including civilian nuclear centers and institutes doing basic research.

U.S. physicists have been arguing, without success, that their Indian collaborators on the DZero experiment and the PHENIX experiment at Brookhaven work on basic non-defense research at their home institutions. DZero is a house-sized detector that sifts the debris of subatomic collisions for clues to the behavior of matter.

Widespread publicity about the probe of possible spying by a Chinese-American scientist at Los Alamos, who has denied passing any secrets to China and has not been charged with any crime, has not helped matters, Grannis said.

"It's been very difficult, in the context of the spy case," he said, to press the administration for loosening restrictions on Indian scientists. Grannis was interviewed after he addressed a Washington meeting Tuesday on scientific freedom and

national security. It was sponsored by the American Association for the Advancement of Science.

Indian researchers from the Tata Institute for Fundamental Research in Bombay have contributed \$500,000 worth of particle-detector equipment for inclusion in an upgraded DZero experiment at Fermilab. But the State Department has prevented Indian researchers from traveling to the United States to help oversee assembly and use of the equipment. The experiment, using the world's most powerful existing particle accelerator, is expected to resume next year.

At Brookhaven, Indian collaborators, principally from the Bhabha Atomic Research Center in Bombay, have contributed about \$300,000 worth of equipment for the PHENIX experiment at the lab's new Relativistic Heavy Ion Collider. PHENIX also is a large detector designed to sort through the debris from high-energy collisions at the ion collider.

EMachines Files For Initial Public Stock Offering

LOS ANGELES TIMES

An Irvine, Calif., company that came out of nowhere to become one of the United States' largest PC makers by selling computers for less than \$600 said Tuesday it plans to raise \$200 million in an initial public stock offering.

EMachines Inc. has sold about a million personal computers since it began shipments in November, and the company now accounts for one of every nine PCs sold in retail stores in the United States. It has yet to turn a profit, however. EMachines lost \$3.9 million on revenue of \$351 million through the first half of this year, according to a Securities and Exchange Commission filing made Tuesday.

The company was formed last September and is primarily owned by two Korean companies, TriGem Computer and Korea Data Systems Co., which own 28.5 percent and 28.2 percent, respectively. The company got a huge boost in June from America Online Inc., the country's largest Internet service provider, when it signed a marketing agreement in which AOL would provide rebates of up to \$400 to EMachines buyers. As part of the deal, AOL took an 8.7 percent stake in the company.

Industry experts credit EMachines' strong start to effective planning and execution.

"EMachines is really focused on production efficiency, and they lined up their production, distribution and outsourcing relationships before anything else, making sure they were concrete before going forward," said Matt Sargent, an analyst with InfoBeads.

Jordan Cracks Down on Hamas

THE WASHINGTON POST

JERUSALEM

The Islamic Resistance Movement, the militant Palestinian organization responsible for some of the bloodiest killings and suicide bombings directed against Israel, has for years operated more or less openly in Jordan.

With tolerance from the late King Hussein, activists from the group, known by its initials as Hamas, maintained offices around the capital city of Amman, granted interviews, issued statements and went about their business. Their understanding with Jordanian authorities was that they were free to express their views — including advocating terror — and associate with whom they chose, as long as they did not involve themselves in violence.

On Monday that changed.

In a swift, sudden crackdown, Jordanian police raided and closed several offices in Amman, arrested 12 activists and issued arrest warrants for four senior Hamas figures, at least three of whom are believed to be traveling in Iran. The Jordanian authorities said they discovered that the offices of the Hamas activists were fronts for a "non-Jordanian group" to conduct illegal activities.

Wildfire Focus Shifts To Southern Calif

THE WASHINGTON POST

LOS ANGELES

Two dozen huge wildfires burned Tuesday across 150,000 acres of the West, with the largest blazes roaring through the bone-dry scrublands at the edge of the Mojave Desert.

Residents in Las Vegas, more than 200 miles away, reported seeing smoke drifting above their city from the Southern California fires.

Thousands of residents from five towns and settlements were ordered or asked to evacuate, and hundreds of campers, too, were chased out of the forests.

A few dozen structures, including some homes and trailers, have been destroyed in Southern California. Five people were arrested Monday for looting the homes of residents fleeing the flames and smoke. One firefighter lost his life over the weekend, perhaps from heat exhaustion or heat stroke.

As of Tuesday morning, there were 23 large fires reported in six western states, being battled by 11,000 firefighters, supported by 849 engines, 102 helicopters and eight military C-130 aircraft converted to air tankers. Most of the firefighters have now been shifted from Idaho, Montana, Nevada, Utah and Texas to work in Southern California.

Last week, the biggest blazes were in Northern California, where fires blackened 76,468 acres, with the largest burns centered in the Plumas, Shasta and Trinity National Forests between Sacramento and Redding. So smoky were the blazes that downtown Sacramento was veiled in gray ashy fog last Thursday. These fires are now largely under control.

"Right now, Southern California is the priority for fire managers," said Janelle Smith, an information officer with the National Interagency Fire Center in Boise, Idaho, which tracks the wildland fires around the country, serving as a sort of brokerage for firefighters and their equipment.

Jack Ford to Join ABC News

THE WASHINGTON POST

ABC has made it official: Jack Ford is leaving NBC to join the alphabet network's news division. Ford will report legal and other stories and will be an anchor for "20/20." He'll also substitute for Charles Gibson on "Good Morning America."

There's been wide speculation that ABC wants him to take over for Gibson, who returned as a "GMA" anchor along with Diane Sawyer when that morning show went into a ratings free fall. Both Gibson and Sawyer have said they'll stay with the show through the end of the coming TV season in May.

Ford and ABC News spokeswoman Eileen Murphy said no promises have been made that Ford will inherit Gibson's job.

Ford spent the last five years as co-anchor of the "Today" weekend editions and as NBC News's chief legal correspondent, providing analysis for "Today" as well as for "Dateline NBC" and "NBC Nightly News." The former trial attorney began his TV career in 1983 at New York's WCBS. He was an anchor for Court TV from the network's inception in 1991 until 1994.

OPINION



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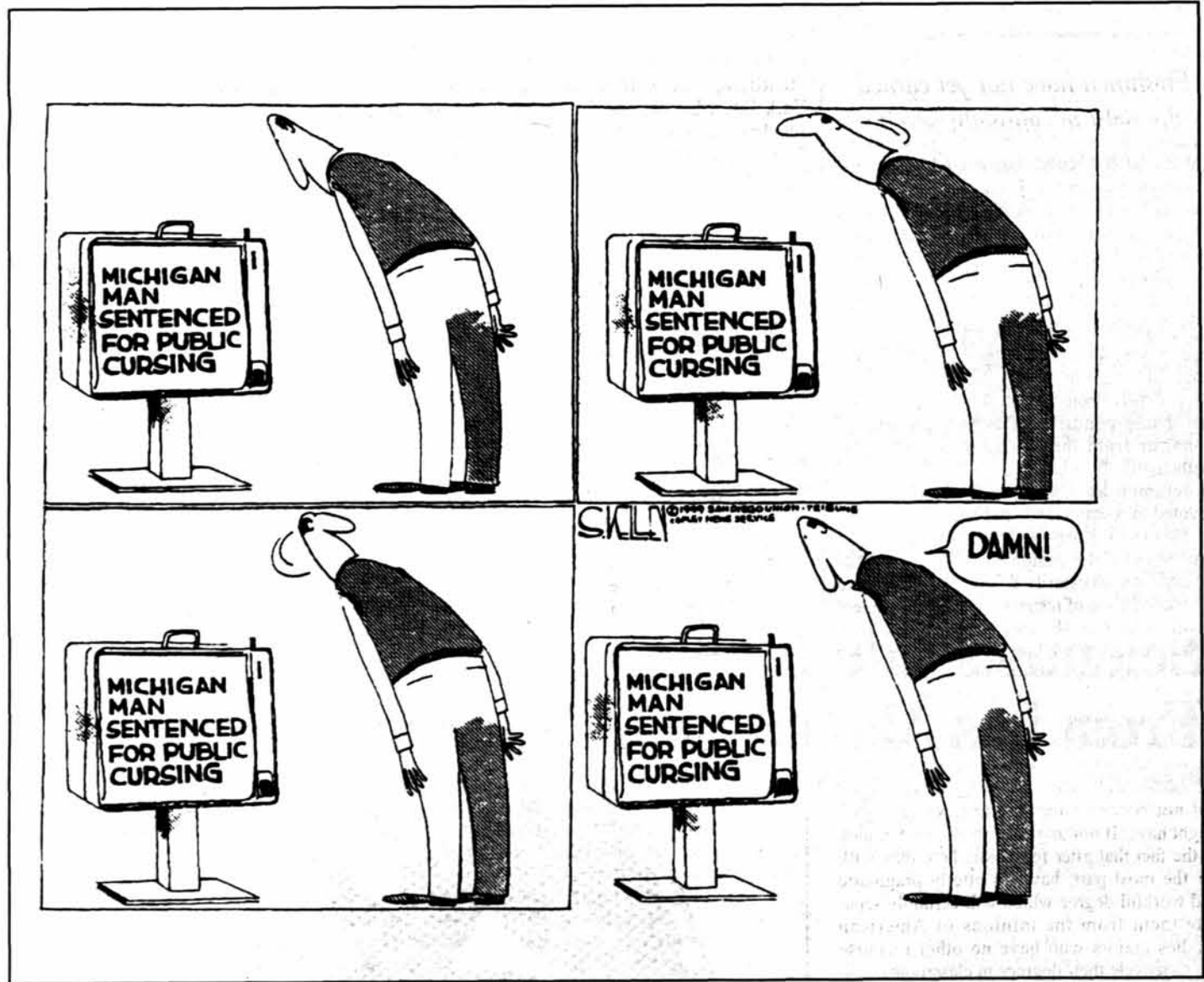
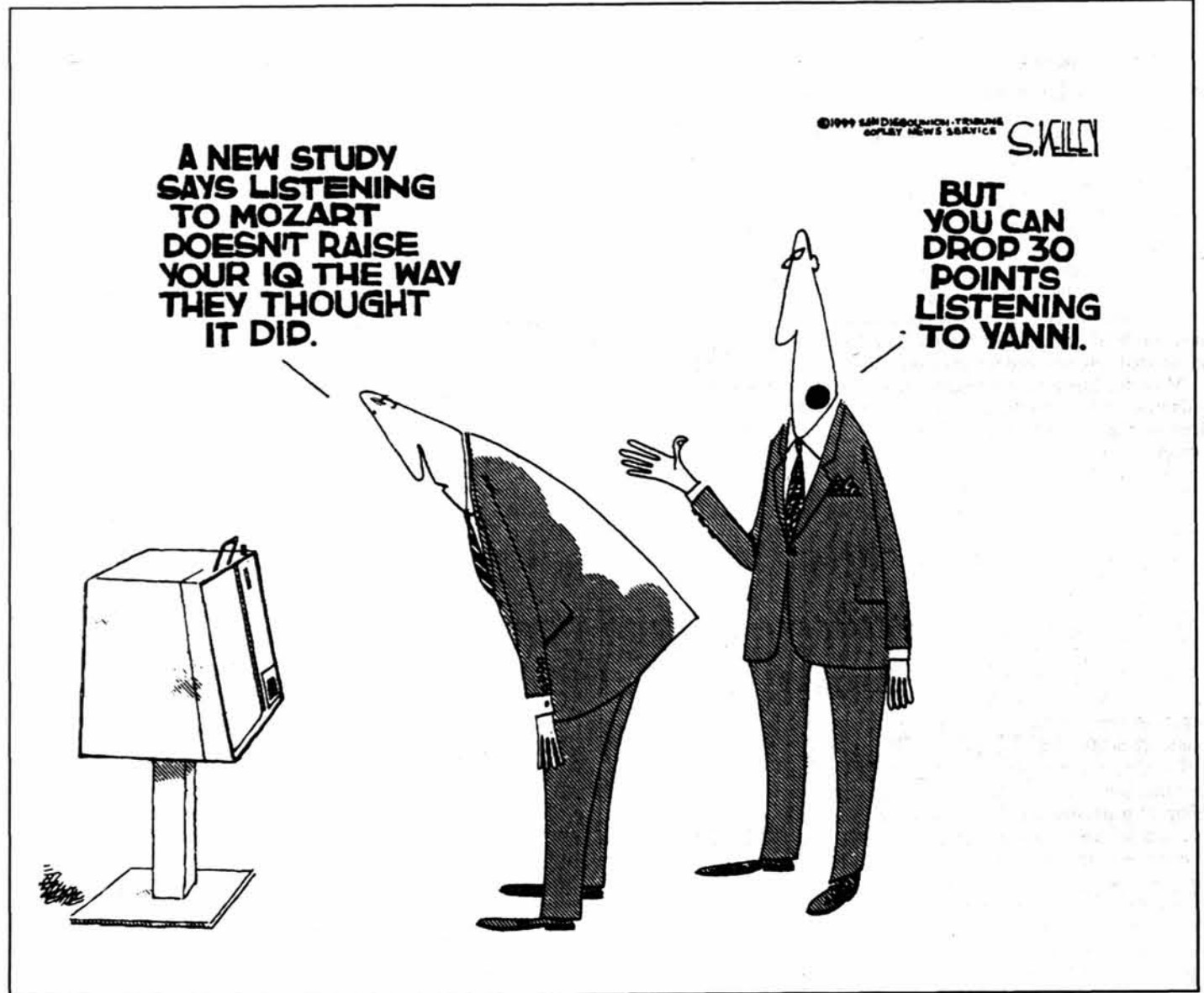
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Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

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What It's All About

Guest Column
Clay Martin

Addressing the Class of 2003 at the welcome convocation on Thursday, President Vest praised the audience for having the "intellectual capacity, the energy, the imagination and the personal will to succeed" at MIT, and because it "believes in excellence." These kind of hollow bromides, offered with glossy, rehearsed sincerity, generally do not resonate with me. Vest's comments, however, proved particularly memorable, if for no other reason than their unexpected optimism and romanticism.

Most freshmen who gathered in Kresge auditorium to listen to President Vest prognosticate on the value of a technical education in tomorrow's brave new world really have no concept of what the future holds for them. College was an oft-spoken-of institution, made inevitable by our parents' considerable expectations and our own considerable ambitions.

Whether or not we stand as the inheritors of a hallowed tradition of technological innovation, most freshmen simply can't help but feel overwhelmed by the daunting neural activity that goes on here, by the campus with its austere concrete facades, and by the prospect of living in an environment which will reduce our once impressive achievements to intellectual flotsam.

Luckily, our incorporation into this new, scientific subculture has been facilitated by a group of generally approachable upperclassmen, administrators, and even professors. The students in dormitories and fraternities, with the exception of the iconoclasts at Bexley, have been consistently willing to answer questions and offer advice. Of course, no one comes here to be coddled, and if we wanted to be encapsulated in a neo-Gothic or Georgian wonderland, we would have opted for the Ivy League.

MIT is markedly different than its peer institutions. Students here, while they have a

Freshmen have not yet earned the right to sympathize with each other over time collectively spent pursuing one goal — surviving four years at MIT.

propensity to complain about the sheer volume of work they face at times, take a sort of masochistic pride in suffering from chronic sleep deprivation. No matter how disparate their backgrounds, whether they are international or from the Midwest, interested in mathematics or urban planning, students have in common hundreds, thousands of hours devoted to research and studying.

This might partly explain the egalitarianism that pervades the campus. While all students here are not necessarily equal, they all deserve a certain degree of respect for their willingness to drink from the proverbial firehose. Freshmen are isolated only because they have not yet earned the right to sympathize with each other over time collectively spent pursuing one goal — surviving four years at MIT.

I don't know yet if this is the right place for me, and Vest's perennial consolation that the admissions office doesn't make mistakes did not serve to appease any misgivings I might have. If nothing else, freshmen can look to the fact that after four years here they will, for the most part, have an utterly pragmatic and workful degree which will certainly separate them from the minions of American Studies majors who have no other recourse but to recycle their degrees in classrooms.

This seems to be a place where the technologically inclined, referred to as geeks in other circles, seem to have free rein as they prepare to increasingly corner an economy that relies on their expertise and ingenuity. And considering kids here know what role they will assume after they leave, they seem to be exceptionally unpretentious.

While students are lured here more by the projected starting salaries of programmers than by what Vest considers "our obligation to repair our world for the sake of ourselves and our children," it cannot be doubted that MIT is home to the movers and shakers of the world. That is what most accurately defines this place; everything else, the idiosyncrasies and pressure, are simply necessary consequences.

Clay Martin is a member of the Class of 2003.

Virtual Models in Clothes of Bits

Twenty-First Century Haute Couture and the Future of Fashion Design

Julia C. Lipman

You were probably wondering what happened to virtual reality.

After all, you couldn't open a newsweekly a few years ago without reading about a future of avatars inhabiting virtual universes. What happened? Did those goggles just become uncool?

Well, virtual reality hasn't disappeared after all. Modern technology has created a computer-generated virtual fashion model that looks something like a real fashion model. If you've always wanted to experience looking at a picture of a model, you'll finally be able to see what it's like, thanks to the Elite Modeling Agency and the company Illusion 2K.

Webbie Tookay, as she's unfortunately named, is being touted as "the world's first virtual model"; I guess they're not counting Jar Jar Binks. She's a vaguely Lara Croft-like figure who can be "photographed" from all angles, wearing a variety of different "clothes." This Aphrodite, emerging from the foam of a digital sea, has "perfect measurements," according to her creators. She has different facial expressions ranging from vacant to concerned. Webbie's rates are about the same as those of a real-life model, though, so you probably won't be able to hire her for your Quake website.

Now, before you say "A virtual model? Isn't that kind of like a virtual paper-weight?", just hold on. Webbie Tookay does a lot more than look pouty for a camera. In fact, her programmers have stumbled across

one of the most momentous computer science discoveries ever. They have apparently created a formidable artificial intelligence that thinks for itself about a variety of complex problems.

For instance, Webbie's strong animal-rights beliefs preclude her from wearing fur — she would never kill a virtual mink for the sake of fashion, her handlers say. "She has environmental concerns, she is for birth control, and, besides, she looks very pretty," Luciana Abreu of Illusion 2K informs us. (Sources also say that Webbie may have made some major progress in cracking RSA codes last week.) This technology is being used with various degrees of success in other areas, as you might have noticed if you've been following Steve Forbes's presidential campaign.

Not only is Webbie Y2K-compliant, she's also just plain compliant. As Abreu notes, "she doesn't age and she doesn't gain weight." In fact, she doesn't even have weight. And her proportions are negotiable; "if we go back to the skinny look, she can be skinny in the blink of an eye."

Webbie's already fairly thin by most standards, as you may have guessed, and the creation of a virtual woman with a "perfect" body raises some disturbing questions in the national dialogue about body images. At a time when Camryn Manheim's book *Wake Up, I'm Fat!* is a bestseller, and stars like Calista Flockhart are criticized for encouraging eating disorders among young girls, could Webbie be part of a fashion-industry backlash against recent skepticism about media images of women?

"We are launching a new concept of beau-

ty for the next millennium," Elite chairman John Cassavetes declares. This concept is apparently one of female beauty only; Elite plans to create more virtual models, but the division responsible for creating them is called "Virtual Models and Actresses Management." Virtual actresses not only don't gain weight, they don't demand equal pay or any control over their scripts.

Will these virtual models, then, replace real ones? Abreu is reassuring. "There are things that only a real model will be able to do." Like wear clothes, perhaps you're thinking? Well, that question reveals just how narrow your assumptions are. Why must "clothes" be defined as things that you wear, made out of pedestrian materials like cloth and leather?

Perhaps clothes made out of cloth will become passé as designers concentrate their energies on the virtual kind. As *haute couture* types like Isaac Mizrahi and Todd Oldham see their much-talked-about clothing lines go out of business, maybe it's time to abandon the assumption that fashion is about what people wear. Susan Faludi, in the feminist classic *Backlash*, memorably chronicled the late '80s mania for frilly, impractical clothes which began and ended with the fashion industry itself — that is, no one was buying them.

Designers like to design clothes, whatever clothes are. Virtual clothes could help designers break free of the constraints of the human body and completely redefine the concept of fashion. And while the technology of virtual clothes may be new, the concept is timeless; I recall an old story about an emperor who wore them.

The Inequality of Law Enforcement

Zareena Hussain

On Monday, the Massachusetts Office of Public Safety announced the resounding success of Operation CLEAN (Coordinated Law Enforcement Apprehension Now) Sweep in identifying 361 welfare recipients in New York City who were, in fact, wanted on outstanding warrants in Massachusetts. Of those, 21 were identified as violent offenders and fugitives from the law. The rest were taken off welfare rolls until they can clear up a slew of default warrants and other criminal charges. Eleven fugitives were brought to the Bay State yesterday.

While we should applaud what is notable as an example of actual government efficiency, the raids should raise once again the debate over whether laws in this land are equally enforced. Reading Tuesday morning's news, you can't help but get the feeling that if you are a poor minority in the land of opportunity, you aren't getting a fair shake.

Looking at the truncated list of those offenders labeled "most dangerous" in newspapers and on local television, all bear Hispanic names. Chances are that similar statistics hold true for the hundreds taken off the welfare rolls.

Scarce were the details on the charges against the rest of those taken off welfare

roles in New York.

My guess: The rest of those taken off welfare rolls are probably guilty of minor drug offenses or larceny and, as stated by law-enforcement officials, not worthy of being brought to Massachusetts.

Of the fugitives brought to the Bay State Monday, Massachusetts Public Safety secretary Jane Perlov told reporters, "These are the worst of the worst." But the rest of them are more likely the weakest of the weak. Targeting welfare rolls is yet another card in the deck stacked against the poor and unfortunate.

You can hardly fault law-enforcement officials for enforcing the laws, but when crime is decreasing nationwide, it is time to have an honest dialogue about the correlation between poverty and crime. We must also have an honest dialogue about the crimes that go unpunished, especially drug offenses, when committed by the well-to-do.

The gap is startling. Rumors of youthful drug abuse keep presidential hopeful George W. Bush in the spotlight of Campaign 2000, while Al Gore is criticized (if he is ever mentioned at all) for his own boring youth. Remember — any press is good press.

New Mexico Governor Gary Johnson's admission of drug abuse in his youth has put him in the national spotlight for being the highest-ranking elected official in the country

to call for an open debate on the decriminalization of drugs. His stance has garnered him appearances on Sunday morning talk shows.

Somehow, the sense of fairness is lost. While random searches of young black and Hispanic men continue in New York City, and the New Jersey police have admitted to racial profiling, our nation's elected officials are reaping the benefits of youthful indiscretion.

"I think they are arrogant and brazen, and when it comes to money, they will take extra risks," said Lt. Kevin Horton, of the Violent Fugitive Apprehension Section.

But perhaps what is most brazen is the lack of any admission or even recognition that in fact laws, especially drug laws, unfairly target minorities. This has been true at least since the early 1900s, when marijuana became criminalized after it grew in popularity among African-Americans; in more recent years, legislatures have enacted higher mandatory penalties for using crack (more popular with poor addicts) in comparison to using cocaine, which is preferred by upper-middle-class and upper-class offenders.

Now is the time, when we once again can feel relatively safe walking down the street, that we must pay attention to those who are the most downtrodden despite a booming economy. We must pay attention to them if we are ever truly able to lay claim to a great society.



Thinking of something you want others to know?

Tell us.

Call Mike or Eric at 253-1541.

The Tech
Established 1881

Down with Science

by Jennifer DiMase



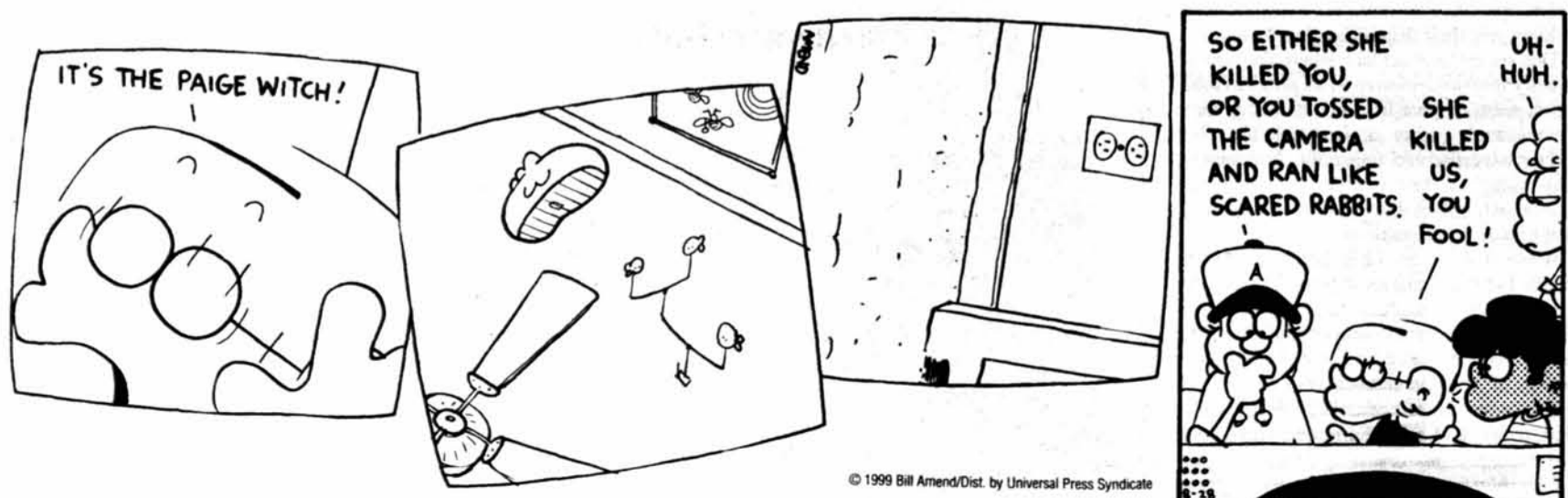
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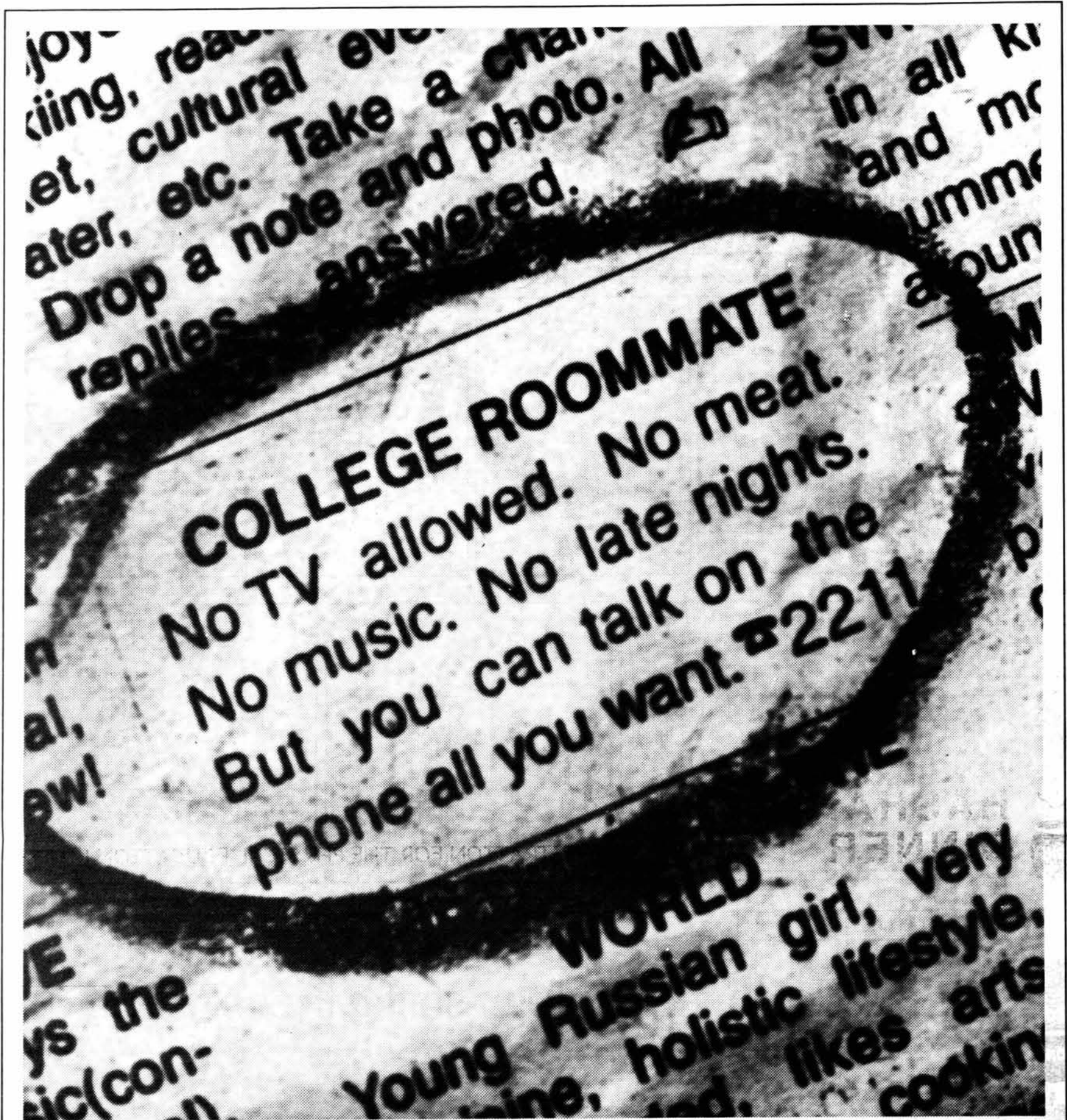


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Freshman Domingo Gonzalez cringes as Patti O'Brien, RN administers a measles vaccine at the Medical Center. All freshman must show proof of proper immunization before beginning classes.

ANNIE S. CHOI—THE TECH

Ex-CIA Head Deutch Loses Secret Access

By Rima Arnaout
ASSOCIATE NEWS EDITOR

Officials at the Central Intelligence Agency have suspended security clearance for Institute Professor and former CIA Director John M. Deutch, after deciding that Deutch had kept classified material on his personal computer while serving as director.

Deutch declined to comment further than his public statements to the CIA. In his statement, Deutch said that he had used "CIA-issued computers that were not configured for classified work to compose classified documents... Although I accept my responsibility for my mistake, I want to make it clear that I never considered the information to be at risk or never intended to violate security procedures."

Although Deutch stepped down as head of the CIA in 1996, he has remained active in the government by heading up the Commission on Non-Proliferation and advising current CIA Director George J. Tenet. The suspension bars Deutch from information to which he had access in these roles.

At MIT, Deutch's career remains unhampered by the suspension. "It will have absolutely no effect on Professor Deutch's role at MIT," said President Charles M. Vest.

Deutch "always has been and will be a very distinguished member of our community and a dedicated and accomplished public servant," Vest said.

Officially, MIT did not respond or take action after hearing of the security clearance suspension. "The reported clearance suspension is not cause for any consideration, action or statement by MIT," Vest said.

The suspension came at the end of August after investigation by the CIA Inspector General. In a statement, Tenet explained that, "while the IG report found no evidence that national security information was lost, the potential for damage to U.S. security existed as a result of the actions described in the report."

Deutch was sworn in as Director of Central Intelligence in May 1995 and resigned in December 1996. Deutch previously served as the Deputy Secretary of Defense and worked for the Department of Energy, as well as on many educational and government posts.

Deutch became a member of the faculty of the MIT in 1970. Deutch served as Chairman of the Department of Chemistry, Dean of Science, and Provost. He was named an Institute Professor in 1990.



FREE ROSH HASHANA DINNER FOR STUDENTS

FRIDAY
SEPTEMBER 10

- ◆ Come celebrate the new year.
- ◆ A delicious holiday dinner with traditional specialties will be served at 8:00 p.m. following Rosh HaShanah services.
- ◆ FREE for students; \$14.00 for others. RESERVE by Wed, Sept. 8th at Hillel.
- ◆ Other Rosh Hashana meals available Lunches and dinner (Sept 11 & 12). Reserve by Sept. 8. \$8.00/10.00 for students and \$11.00/\$13.00 for others
- ◆ Conservative and Reform High Holiday services are held on campus. Rosh Hashana is September 10 -12 Yom Kippur is September 19-20
- ◆ MIT Hillel is located in the Religious Activities Center, 40 Mass. Ave., MIT Bldg. W11 (corner of Mass. Ave. and Amherst St.) #253-2982

All Students

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1. go to the WEBSIS page:
«<http://student.mit.edu>»

2. click on "Physical Education"



Results of the lottery will be available to participants on September 9th.

Late registration, based on availability, will begin September 9th between 10-4pm in the PE office W32-125.

Scuba Registration is taking place NOW in the PRE office ONLY. The deadline for scuba Registration is Tuesday September 7th.

P.E. Classes begin Monday, September 13th

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JAMES CAMP

During Graduate Orientation a new student inquires about discounted tickets to Boston area events yesterday in Lobby 10.

FSILGs May Rent Out Space in Future

Rush, from Page 1

In addition to pursuing upperclassmen, Student House rush chair Jennifer K. Son '02 said that her house would also pursue transfer students throughout the year.

Fenway House already has started pursuing both upperclassmen and graduate students, according to rush chair Rebecca A. Bish '02. "[The 2001 mandate] will affect us less than other houses because we have a strong upperclass and graduate base," Bish stated.

Additionally, FSILGs are considering alternate uses for their facilities following 2001. Phi Sigma Kappa has already obtained approval for converting its property

at 485 Commonwealth into apartments, according to rush chair Tyson T. Lawrence '01. "We're prepared for whatever happens in 2001," Lawrence said.

Shaída C. Boroumand '00, rush chair for pika, said that her house plans to offer a non-residential dining package to MIT students. Boroumand added that the package would include a nightly "home-cooked" dinner at pika for a small fee and occasional clean-up duties.

Unlike fraternities at larger schools, most of MIT's FSILGs offer housing to all of their members. The Institute's 2001 mandate would force many houses to revert to non-residential membership in order to maintain the fraternity structure.

Media Fixes Attention On MIT After Death

Guy, from Page 1

Department of Public Health, use of nitrous oxide and other inhalants peaks at eighth grade, with some experimenting as early as third or fourth grade.

Press coverage extensive

After the News Office formally announced Guy's death, outside news organizations again descended upon the Institute.

The death led the newscasts on most local stations yesterday evening, with many media organizations quickly comparing the death with the alcohol-induced death of Scott S. Krueger '01 at Phi Gamma Delta in Sept. 1997.

Local media organizations were very interested in the story, the News Office confirmed.

Also, about 4,000 of the 7,000 issues of *The Tech* printed yesterday disappeared from campus and were presumably stolen shortly after their 10:45 a.m. arrival, according to Satwiksai Seshasai '01, Chairman of The Tech.

The issues were removed from main campus distribution points, including those in Buildings 7, 8,

10, and 66, Seshasai said. There is a "strong suspicion that the motivation was individuals concerned about the article reporting the death of an EC resident."

The Campus Police have been notified and are investigating the theft, Seshasai added.

Because of the incident, *The Tech* is taking steps to protect its distribution today, Seshasai said, declining to comment specifically.

Not first nitrous oxide incident

Yesterday's death is not the first instance of nitrous oxide abuse involving members of the MIT community.

In March 1984, Keith T. Ennis '84 died at Tau Epsilon Phi after overdosing on nitrous oxide.

The same year, five residents of Senior House were expelled for nitrous use, and two more were arrested by Cambridge Police for nitrous use.

In 1988, Pi Lambda Phi was suspended from rushing freshman for violations including use of nitrous at a pledge party.

In 1991, two electricians working at Lincoln Lab died after using nitrous oxide in their van.

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ROSH HASHANA

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Friday, Sept. 10, 6:30 pm
Saturday, Sept. 11, 8:45 am & 5:45 pm
Sunday, Sept. 12, 8:45 a.m.

- ◆ **ROSH HASHANA MEALS** will be served at Hillel. Prepayment by Sept. 8 with meal card or cash.
- ◆ **YOM KIPPUR** is Sept. 19-20. Tickets are required for all Sept. 19 **KOL NIDRE SERVICES** and are available for students and members of the MIT community. Ticket pickup at MIT Hillel through Sept. 17 and in Lobby 10 on Sept. 8, 9, 15, 16.
- ◆ **MIT HILLEL**, Building W11 lower level, 253-2982

לשנה טובה



WAN YUSOF WAN MORSHIDI - THE TECH

Two members of the MIT Kendo Club demonstrate the traditional art of Japanese fencing at the Activities Midway last night in the Johnson Athletic Center.

Theme Houses Part Of Berkeley System

Berkeley, from Page 1

dences according to their preference but are not guaranteed to receive their first choice.

To aid freshmen in their residence selection, the university provides a booklet describing each residence option as well as virtual tours of housing on the web.

While Berkeley does allow freshmen to live in approved off-campus housing it does not ease the move to the same extent that MIT does.

For instance, students must accept offers of university housing in the summer, before the fall rush. According to Schere, they are financially liable for the remainder of those contracts after rush.

It is common practice at the Institute to allow students to terminate dormitory contracts if they wish to move into an Institute-

approved off-campus living option.

Both schools accord fraternities with a similar status of 'approved housing' and distinguish them from, for instance, private apartments. Berkeley freshmen, like MIT's freshmen, are not permitted to live in such residences.

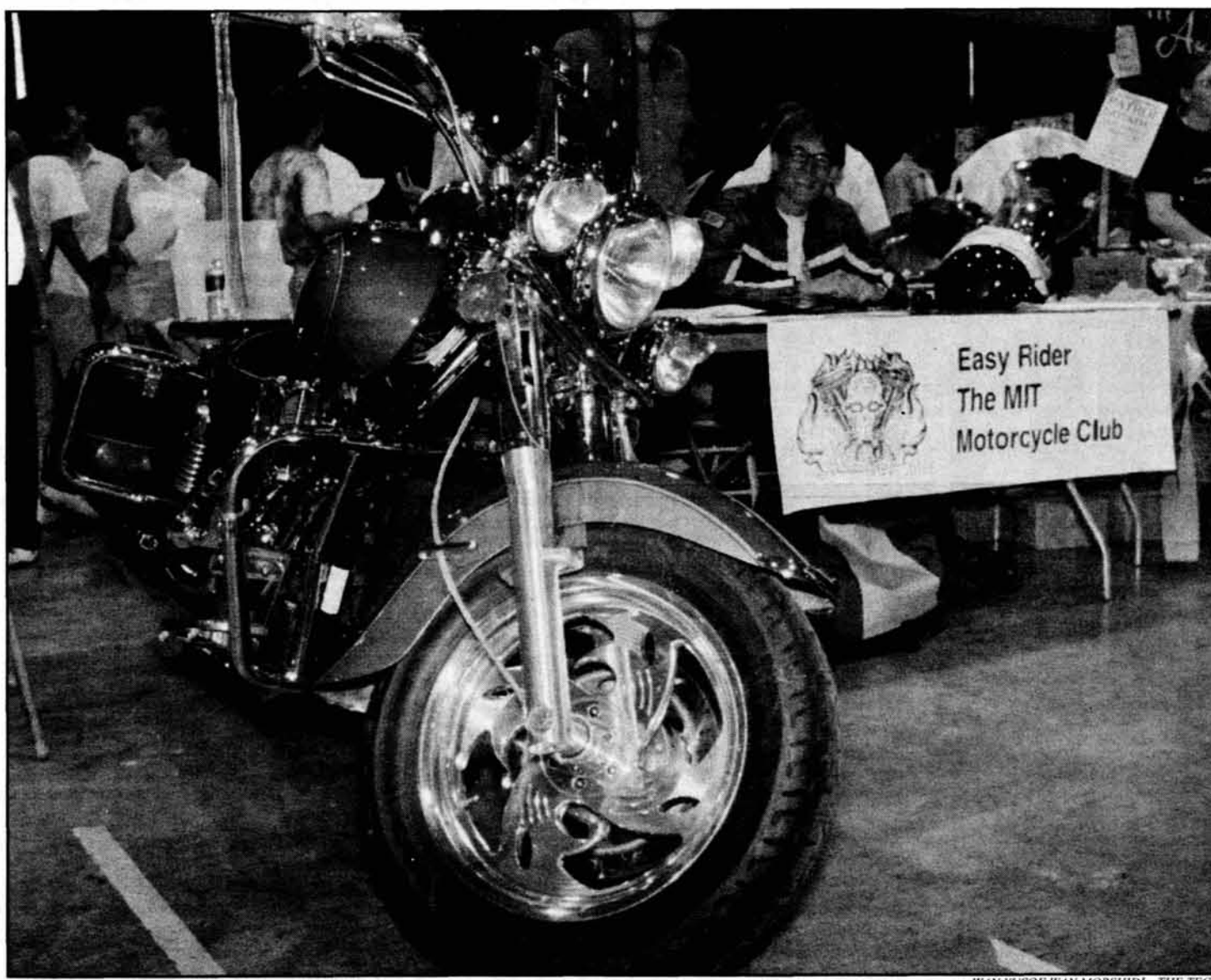
Berkeley fraternities also house non-members more frequently than their MIT counterparts. About a quarter of the residents of fraternities are not members of the organization, Schere said. Sororities, however, are entirely filled by members of the organization.

The Berkeley housing system also contains theme houses similar to those proposed as an addition to MIT's system. Theme houses are built around African American, Asian Pacific American, Chicano/Chicana culture, and Lesbian, Gay, Bisexual and Transgender themes.



GREG KUINEN—THE TECH

MIT Cycling Club athletes address a freshman's questions and show off their bikes during last night's Activities Midway.



WAN YUSOF WAN MORSHIDI—THE TECH

Campus Police officer Ron Ward lures freshman to the MIT Motorcycle Club table at the Activities Midway yesterday.

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Whether or not you got into your first choice dorm, or got the bid from the living group you wanted, you're welcome to come to
The Tech's Fall Open House.

Sunday, September 12, 2:00 to 4:00 pm
Room 483, Student Center.

Come meet the staff at MIT's oldest and largest newspaper, and get a tour of our offices. We'll also be giving out **free Tosci's ice cream!**

The Open House
 Established 1881

