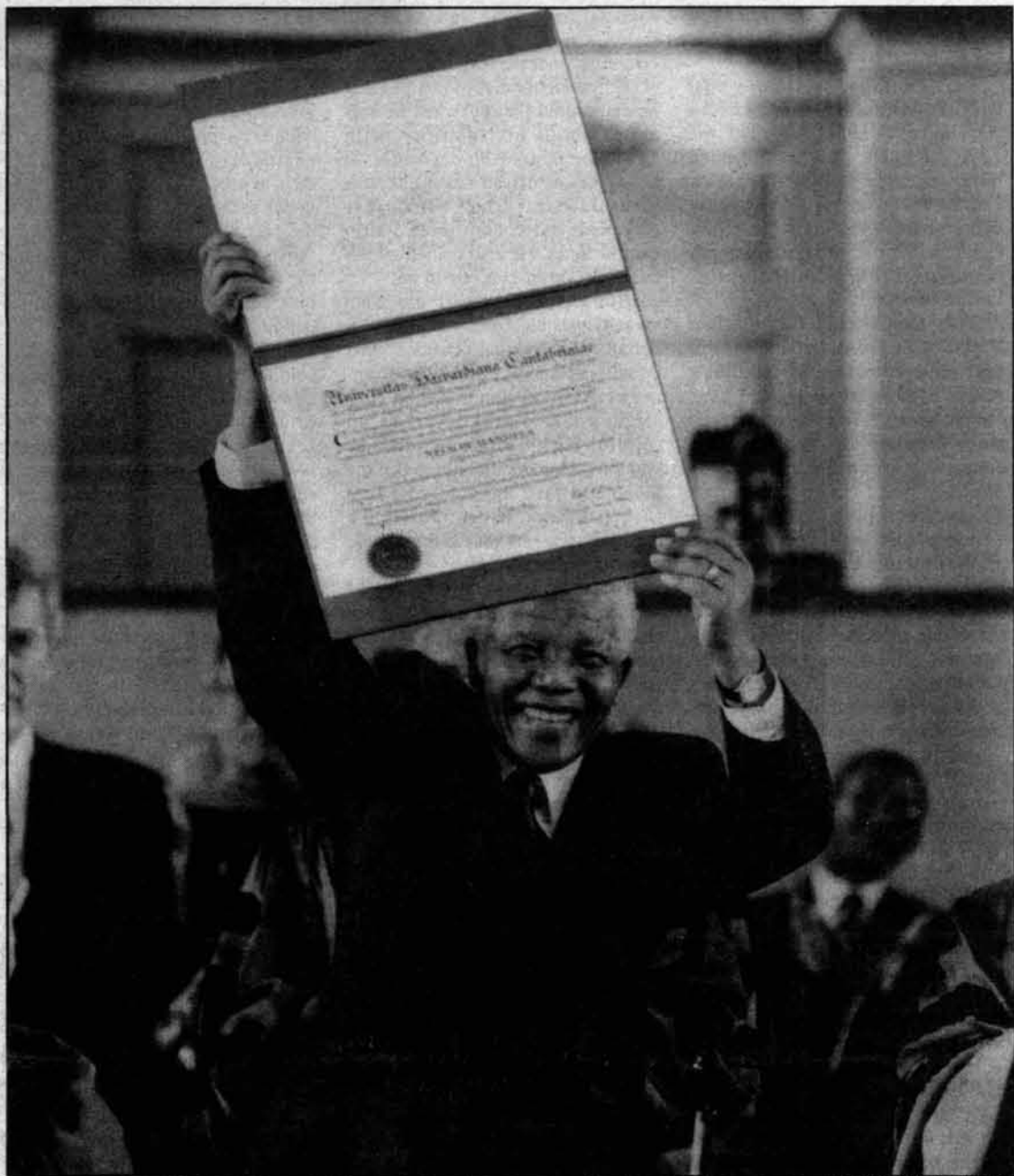




Nelson Mandela, president of the Republic of South Africa, accepts an honorary doctorate from Harvard University on behalf of his people Friday.

I/S Places Athena Clusters in Dorms

By Payal Kohli
and Divya Agarwalla

With the new school year, Athena services are again being extended to dormitories on an experimental basis through two new Athena clusters, quickstations, and additional network jacks in public areas of dormitories.

The goal of these changes is to make computing more convenient. "What we hope to learn from this experiment includes whether we are able to support these facilities in a way that might be scalable, and also how the presence of these various types of computer access resources affects the lives of students in dorms," said Naomi B. Schmidt, manager of educational planning and support for Information Systems.

The two Athena clusters have been set up in McCormick Hall and Burton-Conner House. According to Schmidt, "these dorms were selected for the experiment because their housemasters had approached Information Systems expressing an interest in the project."

Although the clusters were placed to optimize student convenience, their location left some dissatisfied. "It seems unfair that

McCormick and Burton-Conner, despite being so close to campus, got the clusters," said Eugene Lim '02, a resident of Next House.

In addition to setting up the clusters, I/S has also increased the number of network drops in public areas of the dormitories. This feature allows easy access to Athena from common areas of the dorms for users of laptop computers.

"The new network drops are very convenient for students with laptops. We can sign on from almost anywhere," said Yolanda San '02.

Other dorms receive quickstations

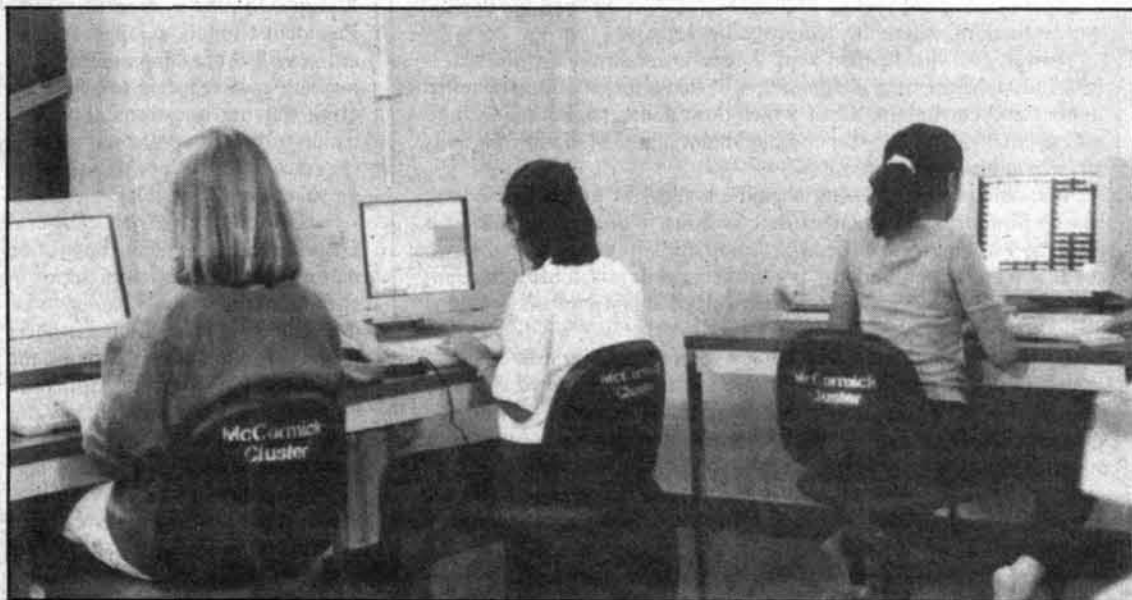
In addition, several quickstations, Athena workstations which encourage users to log out after ten minutes of use, have been placed in the dorms farthest from campus, such as Next House.

In the Spring of 1999, the individuals responsible for planning this experiment will evaluate its results and decide how it may be extended in coming years.

The experiment seems to be a success thus far and students like Kira E. Marciniak '99 find the changes "pretty convenient."

Placing machines in living groups is not entirely new. During Project

Athena in the 1980s, I/S donated aging VAX workstations to several living groups, including Next House and pika. The machines were removed in 1994 when I/S ended support for the VAX as it was replaced by faster IBM and Sun workstations.



Information Systems is evaluating the possibility of placing Athena clusters in dormitories by placing experimental clusters in McCormick House and Burton-Conner House.

Harvard Raises Ante With Increased Aid

By Zareena Hussain
NEWS EDITOR

In the latest round of financial aid wars that have recently consumed many of America's elite colleges as they compete for top students, Harvard University officials raised the stakes last week by announcing that Harvard will again increase its financial aid program, this time by 20 percent.

The increase gives students who qualify for financial aid from Harvard an additional \$2,000 break on tuition. Harvard students will also be able to use the full part of any outside scholarships they receive toward decreasing their self-help requirement. Self-help is the amount a student is expected to contribute through work, loans or savings toward tuition, exclusive of parent contribution.

Currently, only 50 percent of outside scholarships go toward decreasing self-help for MIT stu-

dents, with the other half offsetting grants from the Institute.

"In principle Harvard did this week what we did last March. For needy students, those receiving institutional financial aid, Harvard reduced self-help and replaced that amount with institutional grants," said Director of Student Financial Aid Stanley G. Hudson.

The recent decision at Harvard comes in light of the changing landscape of how student financial aid decisions are being made — where top schools find themselves competing with state and other private schools who use lower tuitions and merit-based financial aid to attract top students.

The California Institute of Technology opened the floodgate by deciding to offer full scholarships to its top twenty students and other

Financial Aid, Page 11

Mandela Honored at Harvard Convocation

By Jennifer Chung
ASSOCIATE NEWS EDITOR

To the wild applause of the crowd, through the thrumming of African drums, His Excellency Nelson Mandela, president of the Republic of South Africa, stepped onto the stage of Tercentenary Theatre at Harvard University Friday afternoon to receive an honorary doctorate.

Joining George Washington and Winston Churchill as the three figures in history who have ever received an honorary doctorate from Harvard at a special convocation — others in the past received their honors at the annual Commencement ceremony at the end of the school year — Mandela thanked the university for the honor it bestowed on the Republic of South Africa.

"I know that through this award you are not so much recognizing any individual achievement, but are rather paying tribute to the struggles and achievements of the South African people as a whole," Mandela said in his address. "We are not unaware of nor unmoved by the great compliment you pay us by conferring this degree at a specially convened convention."

Mandela's visit this fall coincides with the creation of a fellowship for South African scholars on sabbatical at Harvard as part of Harvard's W.E.B. Du Bois Institute for Afro-American Research. Scholars in the program will be called the Nelson Mandela fellows.

In his speech, Mandela called for

Mandela, Page 14

The Campus Police second quarter crime report shows that the crime rate dropped for yet another year.

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Comics

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Professor of Chemistry George H. Büchi dies at 77.

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WORLD & NATION

Still Dangerous, Hurricane Heads Toward Puerto Rico, Virgin Islands

THE WASHINGTON POST

SAN JUAN, PUERTO RICO

Hurricane Georges battered the northeastern Caribbean Monday, flooding roads, toppling power lines and shearing off rooftops before churning further west toward the U.S. and British Virgin Islands and Puerto Rico.

On the tiny island of Antigua, at least one death was reported after a man ran outside as the tempest raged early Monday morning and was struck by flying debris.

In the twin-island state of St. Kitts and Nevis, residents ventured out briefly to survey storm damage and check on neighbors when Georges' 35-mile-wide eye passed overhead before dawn, bringing with it a welcome yet ephemeral calm.

Somewhat diminished in strength since the weekend, but still awesome in its destructive power, the hurricane took aim Monday afternoon at the Virgin Islands and Puerto Rico. Both Puerto Rico and the U.S. Virgin Islands declared states of emergency and activated National Guard troops in anticipation of the storm's arrival.

In Puerto Rico, wind gusts of 60 mph and rains were sweeping across parts of the island Monday afternoon.

Forecasters predicted that Georges would start pounding Puerto Rico with maximum force by Monday evening and that the hurricane would traverse the entire island of 3.8 million people. Georges would be the largest and most powerful hurricane to hit Puerto Rico since hurricanes San Felipe in 1928 and San Ciprian in 1932.

With Crops Up and Prices Down, Farmers Are Looking East

THE WASHINGTON POST

HOLTON, KAN.

A clamor is rising in Congress and the Clinton administration to provide emergency payouts to farmers in the face of the worst agricultural crisis in decades. The farmers are aware of the momentum building in the House and Senate in an election year to enact some kind of major aid package, and of the ideological divide between Democrats and Republicans over how the aid should be delivered.

Democratic proposals are based on a major increase in price supports, which Republicans view as an attempt to repudiate the 1996 farm law that was supposed to end budget-busting farm subsidies forever. The Republicans favor more direct — and less permanent — farm support that will not become "engraved in stone" and return the government to an era of subsidy entitlements.

The price of wheat last week was \$2.15 a bushel, compared with \$3.20 a bushel this time last year. Corn was getting \$1.56 a bushel, compared with \$2.28 a year ago, and soybeans \$4.80 a bushel compared with \$5.85. Moreover, hog prices were at a 24-year low, and beef cattle were selling at \$50 per hundredweight, compared with \$60 a year ago.

In some parts of the country, bad weather and disease have severely reduced crop yields. Nationally, net farm income is expected to be down \$7.5 billion this year, resulting in the failure of thousands of small farms.

Demonstrators Challenge Authority of Malaysian Prime Minister

LOS ANGELES TIMES

JAKARTA, INDONESIA

Demonstrators demanding reform clashed with police in Kuala Lumpur for a second day Monday, challenging the authority of Malaysia's autocratic prime minister, Mahathir Mohamad, the longest-serving leader in Southeast Asia. The clash upped the ante in a dispute that started when Mahathir fired and arrested his deputy, Anwar Ibrahim, whom the demonstrators support.

Anwar, 51, was dumped Sept. 2 in a power struggle with the 73-year-old Mahathir amid allegations of sexual improprieties, attempted murder and corruption, all of which Anwar denies. Rather than go quietly, Anwar toured the country denouncing Mahathir. He was arrested at his home on Sunday.

With Mahathir exercising absolute control of the media, Anwar has no public forum to either defend himself or push his case for reform. Two men have been arrested for allegedly engaging in sodomy with Anwar. Sodomy is a crime in Malaysia, a Muslim country, and local newspapers have been full of steamy details provided by the government.

With police helicopters buzzing overhead, officers on Monday chased mobs of protesters down side streets and blocked roads in Kuala Lumpur. Several thousand more demonstrators took to the streets in other parts of the capital, where they were chased by riot police.

But given the widespread strife in economically troubled Southeast Asia, Western envoys say that events in Kuala Lumpur are worrying.

WEATHER

Falling Temperatures

NATIONAL WEATHER SERVICE

Today: Cloudy skies with rain showers. The expected high temperature will be 74°F (23°C) with a low close to 48°F (8°C).

Wednesday: It will be partly cloudy with periods of sunshine. The expected high temperature will be 64°F (17°C) with a low around 46°F (7°C).

Thursday: It will be bright and sunny. Temperatures will range from a high of 66°F (18°C) and a low of 52°F (11°C).

Video of Clinton's Testimony Viewed by American Public

By Norman Kempster

LOS ANGELES TIMES

WASHINGTON

In videotaped testimony that television networks broadcast with a warning of "explicit details," the American public on Monday got an unprecedented look at President Clinton struggling to parry painful and embarrassing questions from Kenneth Starr's prosecutors about his relationship with Monica S. Lewinsky.

Over the objection of the White House, Congress made public a four-hour videotape of Clinton's Aug. 17 testimony to a grand jury, backed up by 3,183 pages of documents detailing acts that Starr said constitute grounds for impeachment.

The president argued the events were improper, but not criminal.

White House Press Secretary Mike McCurry blamed the release of the videotaped testimony and supporting evidence on "rank partisanship," and said most of the material being made public is irrelevant.

Although the tape — broadcast unedited by several cable channels — and two-volume compilation of backup material provided more explicit details of Clinton's relationship with Lewinsky, there were few real surprises. The highlights of Starr's case were made public on Sept. 11 in his summary report to lawmakers.

In his taped testimony to the grand jury, Clinton was sometimes bitter and sarcastic, but mostly kept his temper under steely control. At times, the president insisted he could not recall events that he said were far less important than his official duties.

"Just from the tone of your voice and the way you're asking questions here, it's obvious (that you think) this is the most important thing in the world, and that everybody was

focused on all the details at the time," Clinton told a prosecutor. "But that's not the way it worked."

He staunchly denied charges that he committed perjury when he was asked about his relations with Lewinsky in a sworn deposition in the since-dismissed sexual harassment lawsuit filed by former Arkansas state employee Paula Corbin Jones. He also denied telling Lewinsky or anyone else to lie.

But his defense of his own veracity was legalistic, hanging on a definition of "sexual relations" that he said excluded Lewinsky performing oral sex on him. That defense already has outraged many on Capitol Hill, including some of Clinton's Democratic allies. But the videotape gave the public its first look at Clinton haggling over the meaning of terms that many people thought were self-evident.

The court in the Jones lawsuit defined sexual relations to include touching of breasts, genitals or other erogenous body parts for the purpose of arousing or gratifying sexual desire. Clinton said he had done none of those things, arguing at one point that a recipient of oral sex would have contact with his partner's lips, "but not anything on that list."

Clinton said Jones' lawyers realized their civil lawsuit was weak and tried to use the pretrial discovery process, including his deposition, to hurt and embarrass him. He said he answered the questions put to him, but refused to volunteer anything.

"My goal in this deposition was to be truthful, but not particularly helpful," he said. "I did not wish to do the work of the Jones lawyers. I deplored what they were doing. I deplored the innocent people they were tormenting and traumatizing. I deplored their illegal leaking. But I was determined to walk through the

minefield of this deposition without violating the law, and I believe I did."

But transcripts of Lewinsky's grand jury testimony, included in Monday's public release, appear to contradict Clinton's assertion that they avoided sexual relations, even under the narrow definition cited by the president. She called Clinton her "sexual soulmate," and testified that the president touched her in ways that clearly were included in the definition.

While Clinton seemed somewhat cold and legalistic in his testimony, Lewinsky recalled events in graphic detail, describing episodes of oral sex in a hallway adjacent to the White House Oval Office and citing encounters that led her to orgasm. She said the relationship was purely sexual when it began, but later, she came to love Clinton. She said she was devastated when the affair finally ended.

Clinton and Lewinsky even disagreed about when their relationship began. She dated their first sexual encounter to November 1995, while she was still a White House intern; he said the contacts began in January 1996, after she moved to a paid job.

In answer to questions from a grand juror, Lewinsky said she told Clinton that she could lie about their relationship. She said the president smiled and encouraged her to do just that. For his part, Clinton said he told Lewinsky to tell the truth.

Although questions from Starr's office were explicit and sometimes X-rated, Clinton avoided, as much as possible, intimate details in his replies.

While Clinton's grand jury testimony dominated television screens, the president was at the United Nations delivering a speech on combating terrorism. He received a standing ovation.

Japan Bank Deal Unraveling As Clinton Comes to Pay Visit

By Sandra Sugawara

THE WASHINGTON POST

TOKYO

On the eve of Prime Minister Keizo Obuchi's meeting with President Clinton, a Japanese government deal to address the nation's banking crisis appears to be unraveling, raising questions about the nation's ability to pull itself out of a recession that is contributing to global economic troubles.

Obuchi's ruling Liberal Democratic Party and the opposition parties agreed Friday to a series of changes in the nation's banking system. But after some LDP members raised questions about parts of the deal, opposition groups appeared both troubled and stunned, as did stock investors.

Tokyo stocks plunged 2.76 percent Monday to a 12-year low. Stocks fell elsewhere in Asia and in Europe. On Wall Street, stocks dropped sharply in early trading, but rallied later.

"A lot of people thought they had an agreement on Friday night. Now a lot of people are scratching their heads, confused," said Robert Alan Feldman, an economist with Morgan Stanley Dean Witter. "There's a feeling that nobody is really in control of the process."

After the Tokyo market closed, a London-based credit rating agency, Fitch IBCA, downgraded Japan's long-term foreign currency rating, citing a "weak and deteriorating banking system, hesitant policy responses to challenges and a

mounting public debt."

The confusion over the bill raises the prospect of a period of deadlock within the Japanese government as the debt-burdened banking system continues to choke off investment and the world's second-largest economy continues to contract.

Clinton administration officials have been urging Japanese leaders for months to take more aggressive action to revive their banking system and economy, and Obuchi had hoped to tout the banking agreement as a sign of progress when he meets with the president Tuesday.

The agreement included plans to nationalize insolvent banks, curb the powers of the Finance Ministry and create an entity similar to the U.S. Resolution Trust Corp. to buy bad debt from banks and sell off the collateral.

Analysts said the framework would permit the restructuring of the banking industry, including the closing of weak banks, something the LDP and Finance Ministry had fought. A Foreign Ministry official said Friday evening that Obuchi had agreed to the many concessions because he was more interested in reform than in "saving face."

The Long Term Credit Bank of Japan, a major lender widely thought to be on the verge of bankruptcy, was to be handled under the new rules, both sides said Friday evening. That meant it could not receive an immediate bailout, as the LDP had planned, and would probably be nationalized, although both

sides had said then that the details remained to be worked out.

But on Sunday, Obuchi told reporters on his way to New York that he would tell Clinton that the Long Term Credit Bank would not be allowed to fail. Monday the LDP's chief cabinet secretary, Hiromu Nonaka, said the government might rescue the Long Term Credit Bank if the bank's condition became critical before the law was passed, which was expected to be within about two weeks. There also were news media reports that the LDP was backing away from its agreement to strip the Finance Ministry of its power over banks.

"Obuchi is reported to have said that no major banks will fail. If that is true, it is clearly a breach of trust" with the opposition groups, said Takayoshi Miyagawa, a political analyst. He said that making such a statement would indicate that Obuchi did not have support within the party for the agreement.

"It has to make you wonder about Obuchi's fortunes here, because at least with a deal in hand, he could go to Clinton and say, 'I'm getting things tackled' ... and then he could come back here and argue that he's got the U.S. relationship under control," said Matthew Goodman, director of government relations for Goldman Sachs Japan Ltd. "But if this falls apart and he isn't even able to say that, people within the party and outside the party are going to say: Can this guy really govern?"

Tripp Facing Perjury Charges

By Scott Shane
THE BALTIMORE SUN

WASHINGTON

Linda R. Tripp, whose surreptitious taping of conversations with her friend Monica S. Lewinsky led to allegations that President Clinton lied under oath, is now under investigation herself for possible perjury for telling a federal grand jury that the tapes she turned over were undoctored originals.

Citing an FBI analysis showing that nine of the tapes appear to be duplicates, an appendix to the report of Independent Counsel Kenneth W. Starr, released Monday, concludes:

"If Ms. Tripp duplicated any tapes herself or knew of their duplication, then she has lied under oath before the grand jury and in a deposition. The (Office of Independent Counsel) continues to investigate this matter."

The report says Starr's office "cannot exclude the possibility of tampering" with the duplicated tapes. Investigators do not know who made the duplicates, the report says.

The two thick volumes of evidence released by the House Judiciary Committee flesh out a portrait of Tripp as the older woman upon whom Lewinsky relied for

advice and comfort during her emotionally tumultuous sexual involvement with the president. Indeed, Lewinsky testified to the grand jury, it was Tripp who urged her to preserve the infamous stained dress, predicting that it could become evidence.

But in her testimony, also made public Monday, Lewinsky claims to have lied repeatedly to Tripp as she came to trust her less. Perhaps most significantly, Lewinsky testified that she lied when she told Tripp that Clinton and his friend Vernon Jordan had advised her to testify untruthfully about the affair.

"I think I told her that — you know, at various times the president and Mr. Jordan had told me to lie," Lewinsky testified to the grand jury. "That wasn't true."

There are indications that Lewinsky made the false statements to Tripp on Jan. 13 — when Tripp was wearing a body wire and Starr's agents were recording their conversation.

"I told her a whole bunch of lies that day," Lewinsky testified.

Tripp played a crucial role in January in expanding Starr's long-running investigation of Clinton in January to include possible wrongdoing by the president involving a

sexual relationship with Lewinsky. The Lewinsky testimony raises the possibility that Starr's prosecutors planned their investigation in January based in part on a false allegation that Clinton and Jordan had urged Lewinsky to lie in the Paula Corbin Jones sexual misconduct case.

In Starr's formal report to the House earlier this month, he alleges only that the president and Lewinsky "had an understanding that they would lie under oath in the Jones case" — not that Clinton ever directly asked her to lie.

Tripp, 48, worked at the White House before transferring to the Pentagon public relations job she still holds. She has been widely denounced for betraying a friend half her age by taping her phone calls and setting up the January meeting taped by Starr. Because Tripp had once shopped a proposal for a tell-all expose of the Clinton White House to Lucianne Goldberg, a New York book agent, her critics have suggested that she hoped to mine Lewinsky's sexual tales for book material.

The appendix to the Starr report covering the 27 Tripp tape cassettes says they were recorded between Oct. 3, 1997, and Jan. 15.

U.S. Backed Serb Leader Plavsic Concedes to Hard-Liner Poplasen

By Paul Watson
LOS ANGELES TIMES

SARAJEVO, BOSNIA-HERZEGOVINA

In a serious setback to U.S. efforts to build a lasting peace in Bosnia, moderate nationalist Serb leader Biljana Plavsic has conceded defeat to a hard-liner in this month's elections.

The United States and other Western powers openly promoted Plavsic as the best alternative to more strident Serb nationalists allied with indicted war crimes suspect Radovan Karadzic.

Candidates who stepped out of line during the campaign were simply disqualified from the elections supervised by the Organization for Security and Cooperation in Europe. The organization disqualified nine Serb candidates Monday, but Nikola Poplasen, Plavsic's likely successor as president of the Serb republic within Bosnia, survived.

Plavsic, a former hard-liner herself, insisted she hasn't given up on democracy or her struggle to lead Bosnian Serbs, who call their territory Republika Srpska, out of isolation.

"We are the ones who opened Republika Srpska to the rest of the world," Plavsic told reporters in her former stronghold, Banja Luka. "It would be absurd for whoever wins this election to close that door."

The final results of Bosnia's Sept. 12-13 national elections, which were contested by 58 parties, aren't expected until Wednesday at the earliest.

But early indications are that Plavsic wasn't the only moderate to fall when Bosnians cast ballots in a complex election for regional and national assemblies and a three-person presidency.

By giving new life to hard-liners opposed to a multiethnic Bosnia-Herzegovina, Plavsic's defeat likely will make it more difficult to win compromises on the key disputes still threatening peace.

The most pressing issue is the promise enshrined in the 1995 Dayton, Ohio, peace accord that "ethnic cleansing" would be reversed and Bosnian refugees forced from their homes would be allowed to return.

An estimated 1 million Bosnians

were displaced within Bosnia during the three-year war, and another 1 million fled the country altogether.

So far, only about 150,000 of them have been allowed to return to their homes. Most of those live in areas where they are part of the ethnic majority, according to U.N. figures.

Western governments channeled millions of dollars in aid to regions where moderate politicians had the strongest support in the hope that voters of the three main ethnic groups would turn against hard-liners.

It also was part of a strategy to give democracy a firmer foothold and make it easier for foreign troops, including some 7,000 from the United States, to pull out.

Underlining the significance of Plavsic's loss to the Western peace efforts, the U.S. Embassy in Sarajevo warned Americans to avoid unnecessary travel to Serb-held areas. The "emotional tone of the political rhetoric" is mounting there, and "may serve to heighten tensions in the region," the travel advisory said.

Swiss, French Find No VX On Iraqi Weapons, Contrary to U.S. Findings

By Craig Turner
LOS ANGELES TIMES

UNITED NATIONS

Swiss and French analysts have reported finding no evidence of VX nerve gas on Iraqi missile parts recovered by U.N. weapons inspectors, contrary to findings by a U.S. Army laboratory, a U.N. official familiar with the results said Monday.

The European test results, which are unofficial and expected to be made public Thursday, represent a diplomatic setback for the United States and the weapons inspectors, who had described the earlier U.S. findings as incontrovertible proof that Iraq lied in repeated assertions that it had never loaded the swift-killing nerve agent into missile warheads.

When he presented the U.S. test results to the U.N. Security Council in June, chief U.N. weapons inspector Richard Butler described them as "utterly unambiguous" evidence that before the 1991 Persian Gulf War, Iraq had loaded missiles with VX, which can kill a person within minutes of exposure. The findings

bolstered the U.S. and British hard-line position on Iraq and unnerved Iraqi sympathizers such as France.

The U.N. official on Monday said Butler is unlikely to back off of his earlier statement, since the Swiss and French did not test the same missile fragments as did the U.S. Army laboratory at Aberdeen Proving Ground, Md. The material tested by the Maryland lab — sections of warheads destroyed by Iraq after the Gulf War — still is in the United States. The missile parts tested in Switzerland and France were taken from the same weapons dump in the Iraqi desert, according to the United Nations.

"This doesn't mean the U.S. tests were wrong; it just means that there wasn't any (VX) on the bits tested in Europe," said the U.N. official, who requested anonymity.

U.S. and U.N. officials had confidently predicted that the European tests would confirm the earlier findings and provide further evidence of Iraqi mendacity.

Instead, the new results play into the hands of the Iraqis, who have asserted that the U.S. findings were

an error or a lie intended to cultivate anti-Iraqi sentiment on the Security Council.

The additional tests were scheduled at the request of the Iraqi government, which demanded analysis in a "neutral country." The Swiss analysis was described as complete. French testing was said to be nearly done and not expected to find any evidence of VX. The London-based Arabic language newspaper Al Hayat last week quoted French officials as saying there was no evidence of the nerve agent.

The timing of the test results presents additional difficulty for the United States, which has been seeking support on the Security Council for a tougher stance against Iraq, including the possible use of force, in response to the Iraqis' decision in August to block most activities by the U.N. weapons inspectors.

Failure of the European analysts to find VX is expected to be trumpeted by the government of President Saddam Hussein as a vindication of Iraqi claims that the inspectors are manipulated by the United States.

Khatemi Calls for Negotiations on Afghanistan

THE WASHINGTON POST

UNITED NATIONS

Iranian President Mohammad Khatemi, whose country stands on the brink of war with Afghanistan's dominant Taliban movement, appealed to the United Nations Monday to bring all the feuding Afghan factions into negotiations to permit "the tyrannized and destitute Afghan people to freely determine their own destiny."

With 200,000 Iranian troops massed on the Afghan frontier, Khatemi spoke to the annual opening of the U.N. General Assembly as foreign ministers or their deputies from eight countries, including the United States, met on the sidelines here to seek ways of preventing the Afghan civil war from escalating into cross-border conflict with Iran.

The meeting ended in agreement to ask Lakhdar Brahimi, U.N. Secretary General Kofi Annan's special envoy, to go back to Afghanistan to seek ways of stimulating a dialogue and to call on the Taliban to permit an international investigation of the killing of Iranian diplomats and punish those responsible.

The desire for Afghan stability and animosity toward the Taliban, which seeks to impose an extremist Muslim theology on Afghanistan, has posed something of a uniting issue for the U.S. and Iranian governments after 19 years of mutual hostility. Monday's meeting provided the setting for one of the highest-level contacts between officials of both countries since relations were severed after the 1979 Islamic revolution.

The United States has opposed the Taliban's alleged involvement in drug trafficking, human rights violations and, most importantly, support of terrorism including the harboring of Osama bin Laden, the Saudi multimillionaire whom the United States blames for masterminding the bombings of the U.S. embassies in Kenya and Tanzania. In retaliation, Washington launched cruise missile attacks last month against a Bin Laden base in Afghanistan.

Scientists Fear Modified Plants Could Pass Traits to Enemy Weeds

THE WASHINGTON POST

American farmers tilted the balance of power this year with large-scale plantings of new, genetically engineered crops armed with secret weapons. Some of these plants have been endowed with a gene that suffuses them with a potent insecticide called Bt. Others have special genes that make them resistant to commercial herbicides, allowing farmers to spray withering doses of weedkillers that previously would have wiped out the crops as well.

But recent research suggests that the war is far from won. In one new experiment, engineered plants spread their new herbicide-tolerance genes much more quickly than expected to surrounding weeds — the molecular equivalent of passing secrets to the enemy. Other work suggests that Bt-producing plants may be killing not only targeted insects but also beneficial insects that kill plant pests.

Findings such as these have escalated a long-standing war of words between opponents and advocates of agricultural biotechnology.

Feud May Have Triggered Drug Trafficker Slayings in Mexico

THE WASHINGTON POST

MEXICO CITY

The execution of 18 people in the Pacific coastal town of Ensenada last week may have been the result of a feud between mid-level traffickers over a drug deal gone bad, according to Mexican law enforcement officials.

Police are investigating allegations that Fermin Castro — who survived the attack in which 18 family members and neighbors were dragged out of bed and shot dead in a predawn massacre last Thursday — was ordered killed by a Mafia money-collector angered when Castro absconded with a drug haul without paying for it, officials said.

The assassinations, whose victims included two infants, six other children and a pregnant woman, stunned Mexican authorities, who said they fear the trend among Mexican drug cartels toward the kind of indiscriminate violence associated with Colombian drug mafias.

Until the past year, Mexican drug organizations generally were known for targeting individuals for revenge or retribution and usually — though not always — avoiding attacks on uninvolved family members or shoot-outs in public places that could harm innocent bystanders.

Last week's attack on three families that resided in a ranch compound near the coastal town of Ensenada in Baja California about 60 miles south of the U.S. border was the largest Mexican drug-related slaying on record and the first in which entire families were murdered as part of an alleged revenge killing.

River Pollution Linked To Widespread Sexual Defects in Fish

LOS ANGELES TIMES

In a surprising scientific discovery that suggests pollution is feminizing animals throughout the wild, everyday concentrations of sewage effluent in rivers appear to contain estrogenlike chemicals potent enough to cause fish to be born half-male, half-female.

The finding by British scientists provides strong new evidence that hormone-altering pollution — one of the most troubling and controversial environmental issues of modern times — could be a global ecological threat.

The British researchers said they uncovered "very compelling evidence" that sewage treatment plants routinely release hormonelike compounds into rivers that are feminizing "a surprisingly large proportion" of wild fish. The fish were found in eight rivers throughout Great Britain that are considered typical in terms of pollution, so scientists suspect damage to sex hormones is so pervasive that it could be happening in many rivers around the world.

OPINION

Reconsidering Financial Aid

Over the course of the last year, many top educational institutions, including Harvard, Stanford, Princeton, and Yale Universities, have restructured their systems of financial aid and payment in an attempt to make higher education more affordable and also to gain an advantage over their peer institutions.

Editorial

Most recently, Harvard announced last week a 20 percent increase in undergraduate assistance, including a \$2000-per-student increase in funding for all students receiving financial aid, regardless of their financial backgrounds. In addition, and perhaps more significantly, Harvard is also now allowing its students to keep all their outside scholarships for themselves, rather than requiring students to use their scholarships to offset whatever financial aid packages they receive.

MIT does not have Harvard's gigantic \$13 billion endowment, the largest in the world. However, to remain competitive, and especially in light of the recent changes other universities have made, *The Tech* believes that MIT must seriously consider methods to alleviate the financial burdens on its students.

The Institute did adopt some changes in the spring. It cut the minimum self-help level, the amount of money students are expected to pay through work, loans, or savings, by \$1000, and increased scholarship grants by 14 percent.

However, these changes are not enough. The changes still

do not make MIT's financial aid packages competitive with those of the many peer institutions that have vastly restructured their systems. Most notably, Princeton has removed or reduced the contribution of home equity to financial aid calculations, and Stanford has removed outside scholarships from financial aid consideration.

As Harvard and Stanford have done, MIT should at least allow students to keep their own scholarships, rather than using them to offset the financial aid they receive. It is ludicrous that students should be penalized with lower financial aid because they obtain outside scholarships. What incentive do students have in the first place for trying to obtain outside scholarships if they know beforehand that MIT will take away a bulk of those scholarships in calculating financial aid? Students can just avoid getting any scholarships and then receive a better financial aid package. Outside scholarships, which students go out and obtain on their own, should stay with the students and should remain independent of all financial aid considerations.

Implementing such a step would go a long way towards improving the financial aid situation at MIT. MIT probably does not have the resources to grant a \$2000 windfall to every student, but by allowing students to keep their outside scholarships, the Institute can remain competitive with other schools. Moreover, implementing this change would be a definite step in the right direction on which MIT might base future changes.

Letters To The Editor

MIT and Fraternities

The Tech received a copy of this letter addressed to the MIT Alumni Fund

It is with great regret that I can no longer contribute to the MIT Alumni Fund. After many years of modest but regular giving, splitting my donations between the Institute and my fraternity chapter, I find myself at odds with the MIT administration over its relations with MIT's independent living groups. From this point onward, I will be directing all of my giving to my fraternity chapter. This is a shame as I am finally beginning to achieve a measure of increased financial success in life, anticipating the day when I can play a more substantial role in philanthropic activities.

For years, fraternities have been the foundation of a balanced social life at MIT. It is with great distress that I see the current administration jeopardizing the entire fraternity system in a knee-jerk effort to respond to an unfortunate incident at one house. The long-term damage this will cause to the MIT community as fraternities begin to fail, further unbalancing what is already considered by many to be a peculiar college environment, is inestimable. I only hope that my contributions to my chapter will help it survive the inevitable shakeout as the weaker houses succumb to the financial distress caused when freshmen are banned from fraternities.

I do hope that as time passes and passions cool, this issue will be revisited in a more rational manner.

William A. Frezza '76

Krueger's Personal Responsibility

This is an awkward letter for me to write because this is a touchy subject, and I do feel very bad for the family and friends of Scott S. Krueger '01. But I also feel the need to share some thoughts on the topic and express my support for the Phi Gamma Delta brotherhood.

The impression I got from the articles I've read, whether in *Newsweek*, *The Boston Globe*, or *The Tech*, is that Scott Krueger's parents refuse to assign any responsibility to their son for what happened. They "criticized MIT for not making a formal apology," but MIT always gave Scott the option of living in a dormitory and never put a bottle of alcohol in his hand. If there is one sentence, one quote

I would like to see in print and would even say directly to his parents, it's "Scott CHOSE to drink."

Krueger chose to live in Fiji — or any fraternity for that matter — and nobody held him down and poured beer and whiskey down his throat, at least not that I've heard. I know what some of my critics might say that peer pressure is a strong force and Krueger wanted to be a part of the house, but we are all from the "Just say no" generation, and we've all been sufficiently brainwashed that there is nothing wrong with saying no to peer pressure. Besides, as an 18-year-old member of the intellectual elite, I'd hope that Scott had enough maturity to make some of his own decisions... but I might be wrong.

In my eyes, what happened was an accident. It could have happened in any number of fraternities and even in some dormitories on this campus or others. In fact, it has happened on others. This is less of an issue, but I feel like Krueger's parents especially feel that Fiji is some evil place that pushes all their pledges to drink until they are sick. Whether or not Fiji is any worse than the other fraternities on this campus is something I can't answer, but I can say this: In a few years, Krueger would have been the one buying whiskey and beer for the pledges and telling them to drink a "prescribed amount of alcohol."

Todd N. Chamoy '98

The Task Force and Freshman Housing

I am writing in response to the thoughtful and knowledgeable column by Dan McGuire '99 ["The Future and the Task Force," September 18] on the report by the Task Force for Student Life and Learning. I wish to clarify a point of apparent contradiction between McGuire's claim that the freshman-housing decision is "an organic part of the task force's report" and my repeated remarks that the decision was made in relative haste and without deliberation by the committee.

McGuire correctly notes that housing freshmen on campus provides many opportunities for a better freshman year that could not have existed in the old system. It also requires many losses to the community, the most wrenching being the abandonment of a popular system that worked well.

Like many other decisions, having freshmen on campus means a trade-off. The decision

could not have been easy to make. However, I must reiterate that it was not made by the task force. I have publicly stated several times that the task force added freshmen on campus to its recommendations at the end of the process only after it became apparent that the decision was coming, in some form, inevitably.

Why is this so important to me? I do not regret signing the recommendation, even though I am saddened that it was necessary. However, if people think the task force spent any time deliberating on freshman housing, they will quickly ask some very good questions: "Why wasn't I involved in the process?" "Why didn't I know about the process?"

There is only one answer, and it is simple: There was no process of deliberation. This decision, made in haste, represented the task force's best effort to influence the coming changes for the better — toward a consciousness of the positive contributions by fraternities, sororities, and independent living groups, and toward a clear recommendation that the FSILGs be supported, financially and otherwise, through the change.

McGuire's comments are thoughtful, wise, and mostly correct. But let me be clear: The decision was made in the upper administration and not in the task force.

Those who read the task force report will find over 50 pages of solid recommendations to take MIT in a bold, new direction; those who defend the preciousness and potential of residential life, and the value of out-of-classroom learning, will be the first to approve.

Jeremy D. Sher '99
Member, Task Force on Student Life and Learning

Errata

A caption accompanying a sports article in Friday's issue ["Women's Volleyball Starts Strong"] incorrectly identified the server, which was Alarice Huang '00. The photo should have been credited to Garry Maskaly.

In the same issue, a production error caused part of Michael Ring's column to be obscured. The full text is available at <http://the-tech.mit.edu/V118/N42/ring.42c.html>

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Solid Recommendations

Task Force Report Gives Good Suggestions for Improving Academics at MIT

Naveen Sunkavally

Billed as the most comprehensive review of Institute life and academics since the Lewis Commission evaluated MIT in 1949, the report of the Task Force on Student Life and Learning offers many good and solid recommendations. In reading the report, I found the best recommendations to be those concerning academics, rather than those concerning building community. Whether administrators will choose to implement those recommendations, however, is a separate issue.

Several recommendations concerning academics were immediately striking as I read through the report. They address critical problems that currently plague the Institute.

First, it's great the report suggests that management subjects be opened up to the undergraduate program. More and more students are finding at least a general background in management useful, but the current implementation hinders students from taking management subjects because of the lottery system. In addition, the fact that the Sloan School of Management has lotteries for its subjects sends a message of elitism to non-Sloan students at a time when more interaction among departments and schools is necessary.

Another recommendation I especially liked was focusing the growth of information technology around the library system. I have found that the library system at MIT is entirely inadequate for student study. Most people I know spend their time studying in their dormitories or at various clusters scattered across

campus. It seems reasonable that the center of any campus should be the library system, and that students should do most of their study in a place where study is encouraged, rather than in front of the television or on the bed. Centering changes in information technology around the library system may just be the solution to bringing in more students to libraries, where concentrated learning can take place. Students will go where the resources are, and putting the resources in the libraries is a step towards betterment.

In addition, the report makes a good point in endorsing distance learning. I hadn't con-

*Wouldn't it be great
to get out of bed, turn on
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the 9:00 a.m. lecture
on the web?*

sidered the point before reading the report, but it struck me as such an exciting possibility for the future. Wouldn't it be great to get out of bed, turn on your computer, start up Netscape, pop a waffle in the toaster, and view the 9:00 a.m. lecture on the web? If we had questions, we could simply submit them through an online form; if we missed lecture, we could always search the online archives. Although personal faculty-student interaction may be decreased, I think distance learning would greatly optimize and make flexible education at MIT.

Other good recommendations I found concerning academics include expanding the Undergraduate Research Opportunities Program, creating Freshman Advisory Research subjects, and encouraging educational experimentation. In addition, the report makes a good observation that the purpose of the undergraduate education has shifted over the last quarter-century; more people now than three decades ago consider the undergraduate degree as a step towards a graduate degree rather than as a terminal degree. Accordingly, it might befit MIT to make its undergraduate program more broad while still retaining its science and engineering focus.

The task force recommendations weaken when they focus on building community. The idea of tying considerations of faculty tenure and promotion to community service is a solid recommendation, but the recommendation to house all freshmen in dormitories seems politically motivated more than anything else. The report offers few reasons for housing all freshmen on campus besides the all-together fishy notion that on-campus housing will create a stronger community.

The report praises the diversity of fraternities, sororities, and independent living groups but offers no reason freshmen should have to give up that diversity to remain on campus. Isn't diversity what builds community? Doesn't this recommendation contradict the report's stated principle that "diversity of the community will serve to enhance the educational experience through interaction and exposure people with different experiences, beliefs and perspectives?"

Overall, aside from its weak and nebulous recommendations regarding building community, the task force report is excellent. Its recommendation for improving academic life are what I find the most appealing, and also the most easy to implement. I hope the administration will seriously consider them.

Time to Move On, Already

Andrew J. Kim

When the whole Monica Lewinsky business hit the nation back in January, I read the scrappy details and dismissed all the accusations as just some more expensive rumors from the annoying Ken Starr witch-hunt. At that time, I also vowed to never waste my time writing an opinion column on the subject because it seemed so ludicrous. Eight months later, in light of the official Starr report, I will admit that I was dead wrong on the whole deal, and now I'm repenting by putting in the time to write this column.

The Lewinsky matter is not only the biggest presidential scandal to hit the nation since Watergate, it is also the most confusing so-called "news" item in recent decades. This national confusion stems from the actions of the players involved and the nation's jumbled and contradictory response to the entire mess.

I think it's safe to say that Bill Clinton has personally added a lot to the confusion. If my memory serves me correctly, he sent the missus on the *Today Show* to deny the entire mess, and even Bill himself made a speech in which I remember his stabbing a finger in the air denying any sort of improper relationship. Then, he follows all of this up with the prime time presidential "apology," in which he came across as an angry victim of a smear campaign, and then followed that with another apology in which he showed a little more remorse. I sincerely hope this is the last episode in this soap opera.

And now I address the other layer to the Lewinsky confusion. It's really bizarre that the majority of Americans say they don't care about the Lewinsky mess and that they wanted the investigation to be stopped. Granted, Americans are rather apathetic on most national issues, but, considering that the magnitude of the allegations includes possible presidential impeachment and removal from office, I'd like to think that the public should take a wee bit of interest in the matter. Are the details of the affair so graphic and sickening that people are tuning out?

I don't think so. Two Saturdays ago, I was enjoying my bowl of cereal while flipping through the *Globe* when I hit the special Starr report section. Just like everyone else across the nation, I muttered how disgusting the stuff in the report must be, and how inappropriate it is that I have to eat my Honey Nut Cheerios in the presence of such sordid literature; yet five minutes later, there I was flipping through the report in utter amazement, neglecting my bowl of soon-to-be-soggy cereal. The majority of Americans are acting as if they don't have any interest in the whole deal, and yet I'll bet a lot of money that I wasn't the only person reading that report on Saturday morning.

So why all the charades? Americans seem to be saying one thing and then doing the exact opposite. An answer might lie in the fact that there is no way you can discuss this subject matter with younger children. I bet a majority of first-graders across the nation at least know the name Monica Lewinsky, and a frightening number of those kids know the whole deal. How can they not know about this insanity? Every sort of news broadcast and publication is loaded with news of the Lewinsky affair.

Impeachment is one of those topics that should be openly discussed because of its heavy nature, but, in this case, the details are too grotesque for families to discuss at dinner or for teachers to bring up in elementary school. I'd like to believe that most Americans are acting confused so that when their kids ask about the affair, they can shield them from the sordid truth, but there is without doubt a ton of people out there still juggling the issues of morality and the presidential office.

I'm sure all of us would like to see the end of this Lewinsky mess, but now that the Starr report is in the hands of Congress, our virtuous politicians on Capitol Hill are one-by-one condemning Clinton for his immoral actions and sizing up a drawn-out impeachment attempt. Clinton is definitely guilty of most of the charges in Starr's report, but at the same time, his offenses are of a personal nature that don't involve national security or any such high level actions.

The nation has already suffered through enough of this Lewinsky mess; we should let the matter go and allow the country to move on to the year 2000 so we can replace this disgraced president.

Weighing the Chances

Michael J. Ring

Two months ago, the Democrats were all smiles on Capitol Hill. Buoyed by a popular president and agitated by Republican defeats of such legislation as the McCain-Feingold campaign finance reform bill and the national tobacco settlement, the Democrats were winning the war of ideas in America. While they still faced an uphill battle to reclaim legislative power, regaining the House was a definite possibility.

What a difference two months have made. The Monica Lewinsky immunity deal, President Bill Clinton's videotaped testimony, leaks about devious sexual behavior, the delivery of the Starr report — this case has reached a state of chaos, accelerating and spiraling out of control.

Republican reaction to the Starr report has ranged from vocal calls for resignation or impeachment from arch-conservatives such as Representative Bob Barr (R-Ga.) to publicly measured criticism (but likely private glee) from the congressional leadership.

On the other side of the aisle, meanwhile, reaction has ranged tremendously. One Democrat, Representative Paul McHale (Penn.) has called for Clinton's resignation, but he is checking out of the House next January and faces no political consequences for such a statement. Liberals such as California's Maxine Waters and Massachusetts' Barney Frank have been vocal in defending the President and criticizing the tactics of the independent counsel's office and House Republican leadership. But obviously Democrats in safe districts with token opposition this fall have nothing to fear in standing by the President.

The real political question is how the fallout from the Clinton crisis will affect the "middle Democrats," those in the moderate-to-conservative wing of the party and those in tough reelection fights. These are the Democrats who whenever asked about Clinton look like deer in the headlights, never knowing what the political consequences of any comment might be. These Democrats know full well every comment they make and every comment the White House makes will be tacked to them in this

election. And while there are still six weeks to November 3, this election cycle's prospects for Democratic candidates look bleaker with each passing day.

The Democrats never had a realistic chance of winning the five seats in the Senate needed to revert that body to Democratic control, but, after the events of recent months, it is likely the Republicans will add to their margins. The Clinton crisis has jeopardized Democrats' chances of holding on to seats in close races and of picking up seats that several months back were considered winnable.

In South Carolina, arguably the most conservative state in the union, a Democratic incumbent is in serious trouble. The moderate, long-serving incumbent Ernest "Fritz" Hollings holds a narrow lead and has been unable to vanquish Representative Bob Inglis and his upstart campaign. Inglis has been very critical of the President, calling for him to resign, and fighting in the House Judiciary Committee to include sexually explicit details

this spring and summer that they had a decent chance to topple an incumbent. Centrist, telegenic John Edwards, who has made HMO reform the top issue of his campaign, was running close with the conservative, contentious incumbent Lauch Faircloth. In a state where being a Democrat is a political handicap, the ongoing Clinton saga will probably give Faircloth enough ammunition to outlast this challenge.

No senator has it worse than California's Barbara Boxer. Not only is she wed to the president through party affiliation, but also her daughter is married to the brother of Hillary Clinton. She has been much more reserved in criticism of the President than California's other senator, the Democrat Diane Feinstein, and with ties through marriage to the Clintons, Boxer is perhaps the most vulnerable Democratic incumbent this year.

On the House side, the stories are less notable for particular names and faces, but the plots are the same. Moderate Democrats representing conservative-leaning districts in the South and Midwest are forced either to forsake the most powerful member of their own party or risk going down with Clinton's ship.

The results of this November's elections will motivate largely the reaction of the Democratic Party toward Clinton and dictate the future of his presidency. It's not Republican pressure and criticism that will cause Clinton to buckle and resign; rather, it will take a number of members of his own party to call for resignation before he even considers the option. In the impeachment process, it will take 67 votes in the Senate to convict Clinton and oust him from office. Some of those votes will have to come from Democrats.

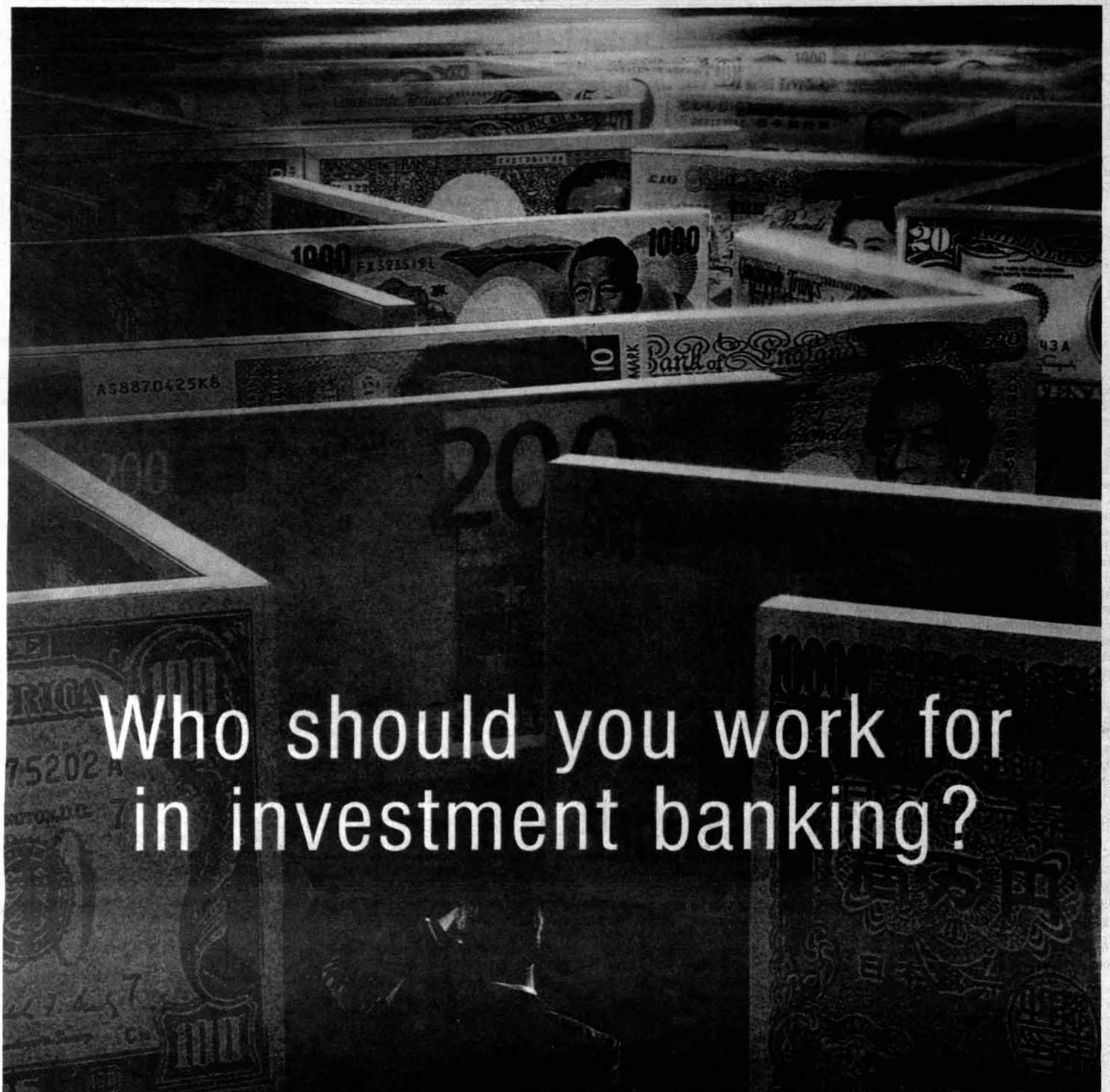
If the Democrats can emerge from this election relatively unscathed, the congressional moderates, those who will ultimately decide Clinton's fate, will probably be forgiving and lenient. Clinton will survive in office and complete his term with a symbolic punishment, such as a censure. If the Democrats lose three to four Senate seats and fifteen to twenty House seats, however, then the troubles of Clinton will have shadowed everyone else in the party. The foot soldiers in the party will plot a palace coup. And the words "President Gore" will come into use long before January 20, 2001.

THE MODERATE DEMOCRAT



or to cite reasons for the deletions of such in the materials to be released by the House Judiciary Committee this week. In a state that never cast its electoral votes for Clinton, the president's escapades can only help Inglis as he tries to unseat Hollings.

One state to the north, Democrats thought



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CP's Report Shows Crime Down Again

By Jessica Bowles-Martinez

"Crime statistics are like a roller coaster... they are up or down in a period. Crime on campus is in a general down," said Chief of Campus Police Anne P. Glavin as she discussed the mid-year crime report.

Overall there has been a decrease in criminal activity on campus and an increase in the use of SafeRide. Glavin attributed the decrease to an overall decrease in crime within the Boston and Cambridge area more than to any changes taking place at the Institute.

The main crimes on campus are theft of computers, pocketbooks and wallets left in easily accessible locations that make them a "crime of opportunity," Glavin said.

To combat this common problem dorm security has been increased through the use of ID cards to secure dorm entries, Glavin said. At the mid-point of this year there have been 287 larcenies on campus, as compared to 361 last year at the same time.

There continues to be a problem with dorm residents opening entrance doors for unauthorized individuals who may have criminal intent, Glavin said.

The theft of bicycles has been a consistent problem, though not exclusive to MIT, and has maintained a constant rate over the past year.

The number of car thefts has dropped from 20 two years ago to only four this year. Glavin attributed this drop in auto thefts to the installation of phones and strategically placed lighting.

The placement of these crime stopping devices is reviewed annually with regard to phones and continually for lighting, Glavin said. Suggestions from the community are often important in deciding where to place new lights and phones, she added.

"Obviously we are happy with

the statistics being low," said Glavin, who is unsure if the trend will continue.

Use of SafeRide increases

The use of the Boston SafeRide increased dramatically this year, with 52,331 persons using the shuttle during the first six months of 1998 compared to 40,660 a year ago. Cambridge SafeRide use declined slightly to 37,790 from 42,364 a year ago.

The service has been plagued by complaints that it is crowded and that its stops cover too limited of a region. The problem associated with adding stops, Glavin said, is that doing so would increase waiting time at each stop and would discourage people who would otherwise use SafeRide.

A SafeRide Express service that would travel across the Harvard Bridge to Boston and back has been proposed by, among others, Paul T. Oppold '99, president of the Undergraduate Association. The express service, which would operate more frequently than a standard SafeRide route, could alleviate overcrowding by drawing riders away from other routes which make more stops.

Crime Rates On Campus

1997 1998

Aggravated assault	6	1
Simple assault	7	4
Motor vehicle theft	11	4
Larcenies	361	287
Arson	2	1
Disorderly person	3	3
Disturbance	5	1
Harassment	20	11
Malicious destruction of property	28	23
Obscene and annoying phone calls	40	19
Soliciting	7	4
Dormitory problems	6	4
Fraternity problems	10	5
Larceny of bicycles	42	40

SOURCE: CAMPUS POLICE



MICHELLE POVINELLI—THE TECH

Patrick Timory demonstrates Tim Anderson's vibrating shopping-cart chair at the Potluck Performance Art Show and Tell Friday.

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1 year old, 1991



2 years old, 1992



Stevie Ace Flores.

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George H. Büchi

Professor Emeritus of Chemistry George H. Büchi died Aug. 28 while hiking in Switzerland. He was 77.

Büchi joined MIT in 1951 as an assistant professor. Earlier, he served as a Firestone Postdoctoral fellow at the University of Chicago.

At the Institute, Büchi was instrumental in advancing the field of organic chemistry during the 1950s. His work on the effects of light on carbon-based compounds helped develop the field of organic photochemistry.

Additionally, he determined the structure of over 55 natural products and the synthesis of more than 75 complex natural products. Additionally, his creative and elegant syntheses, described in over 200 scientific papers, were generally very efficient in producing compounds in just a few steps.

Together with Professor Gerald N. Wogan, Büchi worked to isolate and determine the structure of aflatoxins, carcinogenic metabolites initially found in spoiled peanuts. Later, he worked with Wogan and Professor John M. Essigmann to determine the mechanism responsible for the carcinogenic nature of the endotoxins.

Born in Baden, Switzerland, Büchi received a doctorate in organic chemistry from Eidgenössische Technische Hochschule in Zurich in 1947.

At MIT, he was quickly promoted to associate professor in 1956 and to full professor in 1958. In 1971, he was named the Camille and Henry Dreyfus professor of chemistry, which he held until his 1991 retirement.

In 1965, Büchi was elected to the National Academy of Sciences. He was a consultant for Hoffman-La Roche Inc. and for Firmenich SA. Büchi held more than 30 U.S. patents with the consulting companies and on his own.

In 1991, Büchi was chosen for the James R. Killian Jr. Award and Lecture. He was cited for "his contributions in research and education have added to the quality of life globally, and his colleagues and students have derived direct benefit from his wisdom, dedication to excellence, and friendship."

Büchi is survived by his wife, Anne Barkman, a brother, Heinrich, and three nephews. Ceremonies were private.

Donations in Büchi's memory may be sent to the George H. Büchi Lectureship Fund in care of the Department of Chemistry, Room 18-390.

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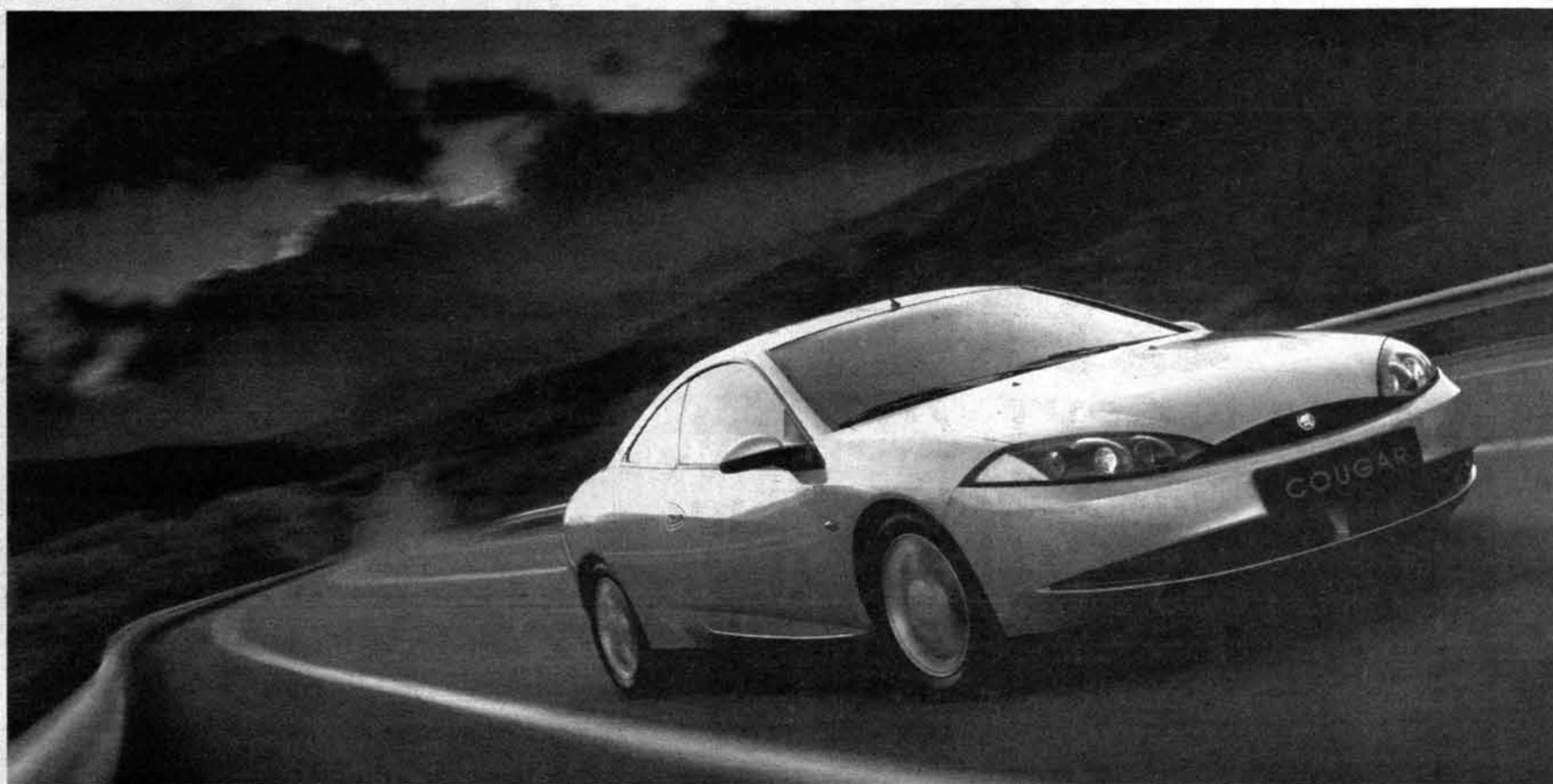
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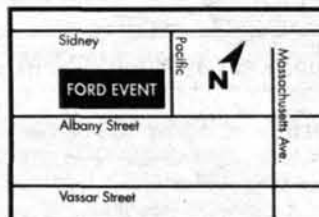
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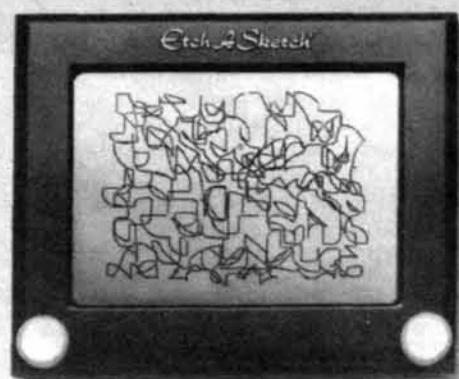
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Princeton, Stanford, Yale Also Changing Aid Policy

Financial Aid, from Page 1

forms of merit-based aid to other students.

In the past year, Princeton, Stanford and Yale also made changes to their financial aid programs.

Princeton replaced student loans with scholarship aid to families whose income totals less than \$40,000 and removed home equity from financial aid calculations. Princeton also announced the lowest percentage increase in tuition, 3.7 percent, in thirty years.

Yale increased the allowance of protected assets considered for financial aid to \$150,000. In addition, Yale tuition only increased by 2.9 percent this year, its lowest percentage increase in thirty years.

Stanford announced it will no longer count the full value of the family home in considering financial aid, replacing that value with one equal to three times a family's income. The university will also no longer consider outside scholarships

in determining self-help levels.

MIT also made changes by decreasing the amount of self-help by \$1,000 this year. Tuition increased this year by 4.1 percent; the overall 3.9 percent increase in the overall term bill was the lowest since 1970.

In light of this cumulation of changes, MIT has been reviewing its own financial aid policies since early this summer, Hudson said.

Working group examines aid

In November, a working group examining MIT's financial aid structure headed by Hudson, and Harold Abelson PhD '73, chair of the Committee on Undergraduate Admissions and Financial Aid, will release its findings to the Academic Council about possible changes in allocating financial aid.

"We have been looking at issues surrounding actual costs as well as perceptions of price and financial aid among applicants for admission," Hudson said.

While no formal recommenda-

tions will be made until November, the working group, called the Aid Strategy Group, is seriously considering recommending allowing the full amount of outside scholarship to go towards reducing the student contribution as opposed to offsetting some portion of Institute grants, said Abelson, also a professor of electrical engineering and computer science.

According to current budget projections, this would cost the Institute \$1.5 million, Abelson added.

In addition, MIT may completely revamp its method of distributing financial aid.

"The College Board is about to come out with a new formula" for determine need beginning in 2001, Abelson said.

"One of the things we are thinking of is switching to that sooner," Abelson said.

These new formulas will hopefully account for other factors such as family savings. "How much do you shaft families because they saved," Abelson said.

However, one change that will most likely not occur is a switch to merit aid, Abelson said. "I think it is deep in the MIT culture not to do that," Abelson said.

In the course of examining the effect of financial aid allocations on overall yield, the working group also made several findings.

"It's on the average a little more expensive to go to MIT than other Ivy League schools," Abelson said.

For instance, the average parental contribution at MIT was \$900 higher than peer institutions, Abelson said. In addition, MIT's self-help level is higher than that of other schools.

Affect on yield questioned

Students who didn't apply to MIT but who would have been in all likelihood successful candidates were recently surveyed, Abelson said. While the results have yet to be analyzed, it may give insight into how MIT is hurt by people who write it off as too expensive before even applying.

"In terms of where it really hurts MIT is not the people who don't come once they get in. I think where it really hurts is the people that don't even apply," Abelson said.

Despite announcements from other universities of increases in overall financial aid packages, the yield of admitted students was not affected this year.

"We were a little worried last year," Abelson said. However, "there were no signs at all that yield was hurt. The class by all measures was phenomenal," Abelson said.

However, that result is tempered by the timing of the announcements.

"The recent aid changes at Princeton, Stanford and Yale did not have a major impact on decision patterns," Hudson said. "The changes at those schools, however, were announced fairly late in the admissions process last year, so we will continue to watch these trends carefully," Hudson said.

"It's not that we're not nervous about next year," Abelson said.

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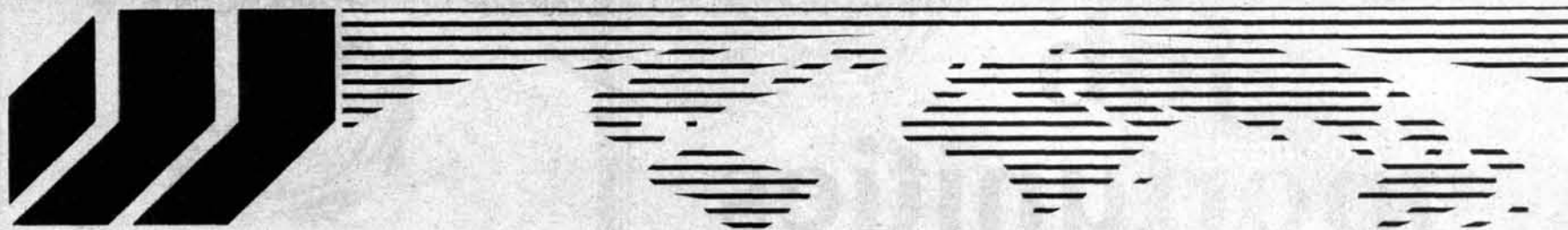
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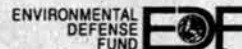
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Harvard University President Applauds Mandela as Leader

Mandela, from Page 1

a greater striving towards equality amongst nations. "The greatest single challenge facing our globalized world is to combat and eradicate its disparities," he said.

Speakers praise Mandela

"President Mandela is a democrat who has learned from a king," said President of Harvard University Neil L. Rudenstine, one of several speakers at the event. "As his country's first president, he has never sought to harm those who had previously injured him. He was imprisoned and abused, but he has not sought to punish his abusers. He has always looked forward toward justice, never backward for vengeance," said Rudenstine.

"For many people around the

world, one of the most enduring memories of our time is the image of Nelson Mandela emerging from prison... we were watching not simply one man walking out of bondage, but the emancipation of a whole nation," added Rudenstine, referring to the powerful ending of the over 27 years Mandela spent "as his country's most famous political prisoner."

A recipient of the Nobel Peace Prize in 1993, Mandela has always strived for equality among people.

He has "led the entire world on a journey of truth," said Jeffrey D. Sachs, director of Harvard's Center for International Development. Sachs cited Harvard's John F. Kennedy School of Government as being dedicated to promoting the "economic well-being and health of all people in the world."

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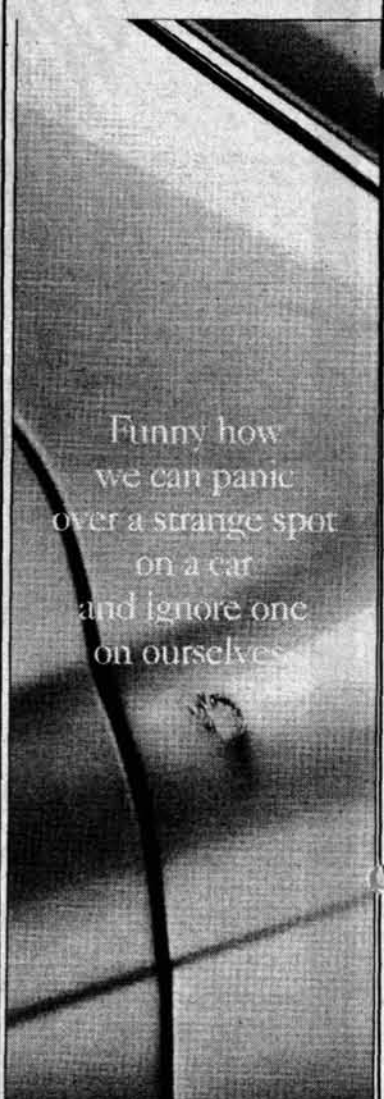
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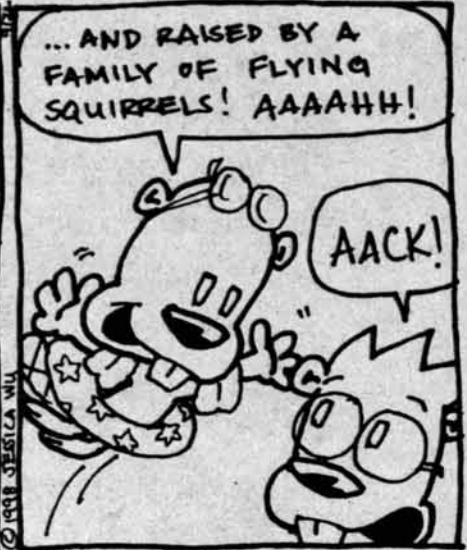
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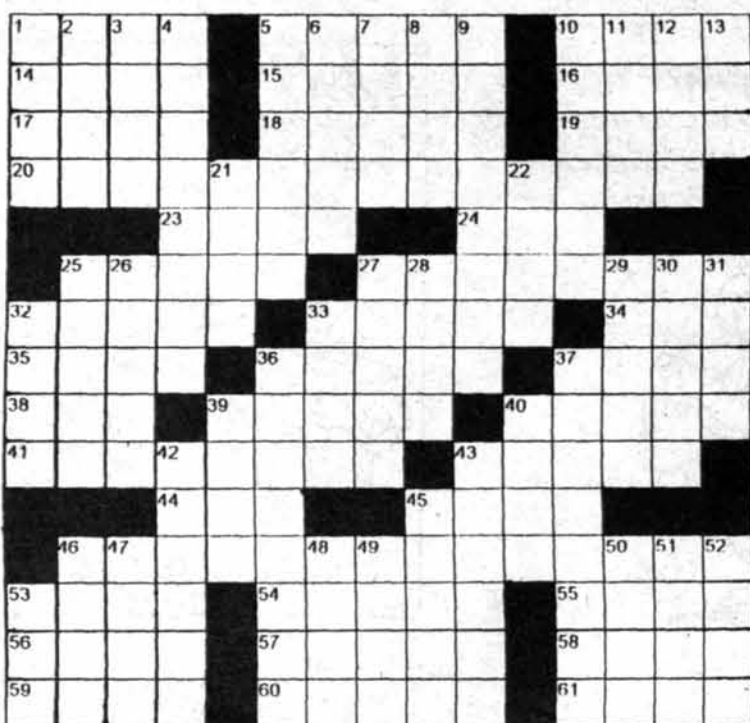
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43 A Cuban, figuratively
44 Philadelphia based educators org.
45 Sound of understanding
46 Egyptian Wonders
53 Burlesque show, var.
54 Yellow clay
55 Photographic abbr.
56 Pub quaffs
57 Pudd' ___ Wilson, Twain character
58 Laud
59 In synchrony
60 Roman Goddess' with a wondrous Temple
61 "___ Quam Videri", North Carolina's State motto

DOWN

- 1 Gateway ___
2 Lounge in Madrid
3 High schooler
4 Transplantation between twins
5 "The Hunt for Red October", author
6 British particle physicist
7 In awe
8 Mane Ground of Thailand
9 Coffee chain
10 Texas border town
11 "The Terrible"
12 One of two rooms
13 Where Mindy honeymooned
21 Charged particles
22 Study aid
25 Wine maker Gallo
26 Large bay window
27 Satisfies
28 Santa ___
29 First name in hotels
30 Mumble
31 Insolence
32 After bath powder
33 Brazilian neighbor
36 Fair ___, poisoned by Eleanor of Aquitaine
37 English Cemetery of historical significance
39 Part of ABB
40 French singer and actress
42 Charge
43 Cord, in Latin
45 Southeast Asian body
46 Soccer great
47 Jacques Cousteau
48 One, in Japan
49 Popular dietary supplement
50 Stock market events
51 His statue is at Olympia
52 Commedia dell' ___
53 Aries, for one

By Anthony R. Salas

PUZZLE SOLUTIONS



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.

For further information on any of these events, visit <http://tech-calendar.mit.edu>

Visit the TechCalendar web site (<http://tech-calendar.mit.edu>) to add information on events to be included in the print and online versions of TechCalendar.

Tuesday's Events

6:30 p.m. - **The Poetics of Brickwork.** Architecture Lecture by Edward Allen, Yale University. Room 10-250.

Thursday's Events

1:00 - 2:00 p.m. - **Michael Moschen.** Juggling artist extraordinaire Michael Moschen discusses the development of his work and the nature of creativity. Kresge Auditorium.

Friday's Events

9:00 a.m. - 5:30 p.m. - **Digital Cities: Urban Environments and Interactive Technologies.** Commentary from urban planners and other scholars as well as hypermedia demos that recreate urban environments. Bldg. E15, Bartos Theater.

7:00 p.m. - **Lost In Space.** 'Danger, Will Robinson!' The Robinson family is adrift in deep space after the devious Dr. Smith (Gary Oldman) sabotages their mission to save Earth. 2 hours 7 minutes. Admission \$2.50. Room 26-100. Sponsor: LSC.

8:00 p.m. - **Roadkill Buffet Alley Show.** MIT's improv troupe performs in the great outdoors (provisional...). Alley next to Bldg. E33.

10:00 p.m. - **Lost In Space.** 'Danger, Will Robinson!' The Robinson family is adrift in deep space after the devious Dr. Smith (Gary Oldman) sabotages their mission to save Earth. 2 hours 7 minutes. Admission \$2.50. Room 26-100. Sponsor: LSC.

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Johnson Athletic Center, 10:00am - 4:00pm

10/5 - Presentation

E&Y Center For Business Innovation
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2nd Floor 7:00 - 9:00pm

10/9 - Resume Drop

10/29 - Information Session
E&Y Center For Business Innovation
One Cambridge Center
2nd Floor 7:00 - 9:00pm

10/30 - Interviews

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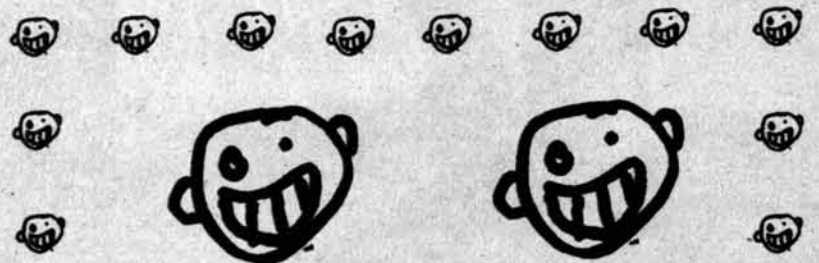
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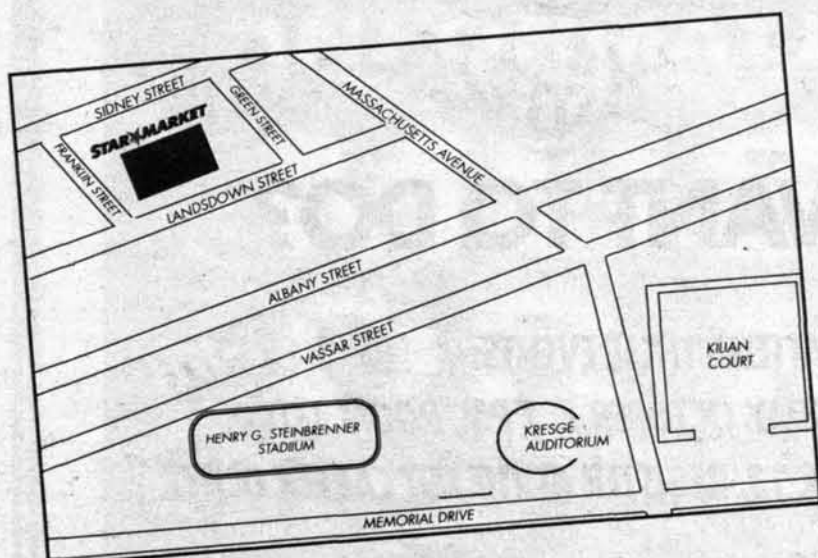
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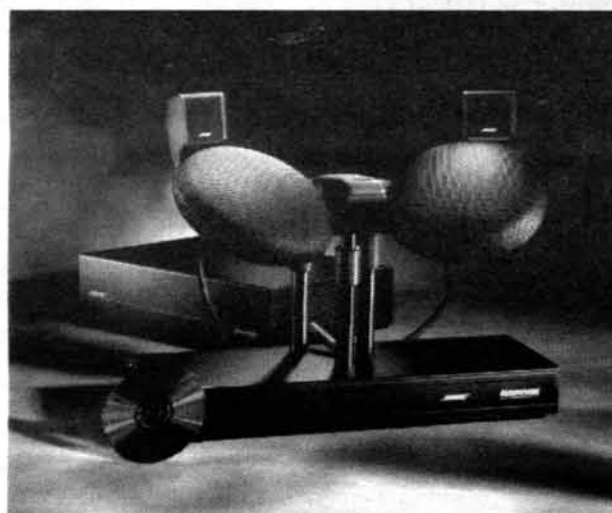
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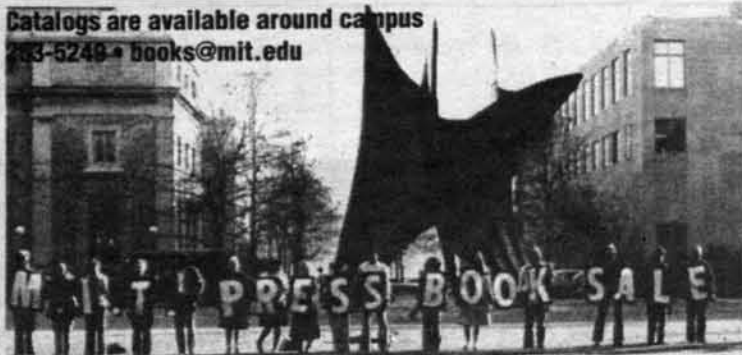
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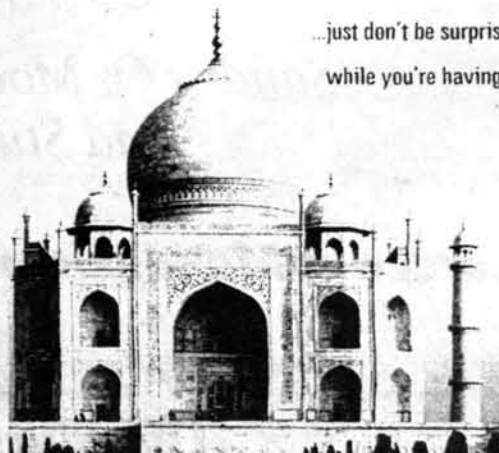
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POLICE LOG

The following incidents were reported to the Campus Police between Sept. 3 and Sept. 9. Information is compiled from the Campus Police's weekly crime summary and from dispatcher logs.

This report does not include alarms, general service calls, or incidents not reported to the dispatcher.

Sept. 3: Bldg. 26, junk e-mail received; Bldg. 38, laptop stolen, \$1,500; Bldg. 4, duplex unit for printer stolen, \$400; Bldg. N10, bike locked to itself with a "U" lock stolen, \$35; New House, report of underage student in possession of alcohol, citation for category one alcohol violation issued; East Campus, fire hazard, students with home-made blowtorch in courtyard, report of disorderly person; Alpha Chi Omega, noise complaint.

Sept. 4: Bldg. 14, suspicious activity; N10 lot, minor motor vehicle accident; Rear of Bldg. 41, suspicious person stopped and issued a trespass warning; Bldg. 48, laptop stolen; Student Center, suspicious person stopped and issued a trespass warning; Baker House, water flow alarm.

Sept. 5: Bldg. 35, vending machine broken into; Student Center, suspicious activity; MacGregor, hit and run damage to a vehicle; Zeta Psi, notify student to call home; Student Center Athena Cluster, wallet stolen, \$55;

Sept. 6: Student Center, suspicious activity; Lambda Chi Alpha, anonymous call of party problem; Delta Psi, wallet stolen, \$20; Bexley, domestic situations.

Sept. 7: Ashdown House, unknown person activated a pull station, false alarm; Amherst St., four students stopped for illegal possession of chairs; Phi Beta Epsilon, noise complaint; Bldg. NW12, Bilal Bhutta of 784 Main St., Cambridge, arrested for trespassing; Baker House, bike stolen, tire and lock left behind, \$259; duPont gym, unauthorized persons using gym, same left without incident; Baker House, loud music complaint.

Sept. 8: Student Center, water pipe broken; Walker Memorial, bike secured with cable stolen, \$400; Alpha Phi, bike stolen, \$399; Next House, malicious damage to plate glass window; Hampshire Street, assist Cambridge Police, wallet snatched from victims hand, \$5; Burton, bike pedals stolen, \$20; New House, entertainment center stolen, \$100; Bldg. E53, party problem where alcohol was being served; Random Hall, noise complaint; East Campus, noise complaint.

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GSC Meeting Minutes

At its Sept. 9 meeting, the Graduate Student Council discussed its representation. Representatives, which come from all departments, are allowed to vote at the GSC meeting. Representatives from last year need to reapply this year. Applications are available from the GSC office in Room 50-220 and on the web. An orientation for new representatives will be conducted in mid-October.

The GSC will vote in October on plans to amend its funding guidelines to expand funding for athletic groups and to fund off-campus events.

The GSC is publicizing its events in *The Tech*, on TechCalendar, and via the gsc-annc@mit.edu e-mail list.

The activities committee of the GSC is working on new monthly social events, to potentially include a trip to the Boston Symphony Orchestra and to a Celtics game.

The housing and community affairs committee is working with ACUS representatives to renegotiate the peak period times for on-campus calls. Currently peak times are 7 a.m. until 7 p.m.; the committee is hoping to set the time at 8 a.m. until 5 p.m. Additionally, the group is hoping to work with ACUS to offer a flat-rate 10 cents/minute plan for a monthly fee of \$4.95.

The academics, research and careers committee is working to develop professional development seminars for graduate students. The GSC's career fair will be held on Nov. 13. The deadline for the resume book is Sept. 25.

The Muddy Charles Pub is considering offering lunch for graduate students.

The next GSC general council meeting will be held on Oct. 7 at 5:30 p.m. in the GSC office.

SOURCE: GSC SECRETARY MELISSA M. TATA G

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Age 15, 1990

Age 18, 1993



Elizabeth Suto.
Killed by a drunk driver on February 27, 1994, on Bell Blvd. in Cedar Park, Texas.

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U.S. Department of Transportation

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As purists,
we resent
the term
“pizza face.”

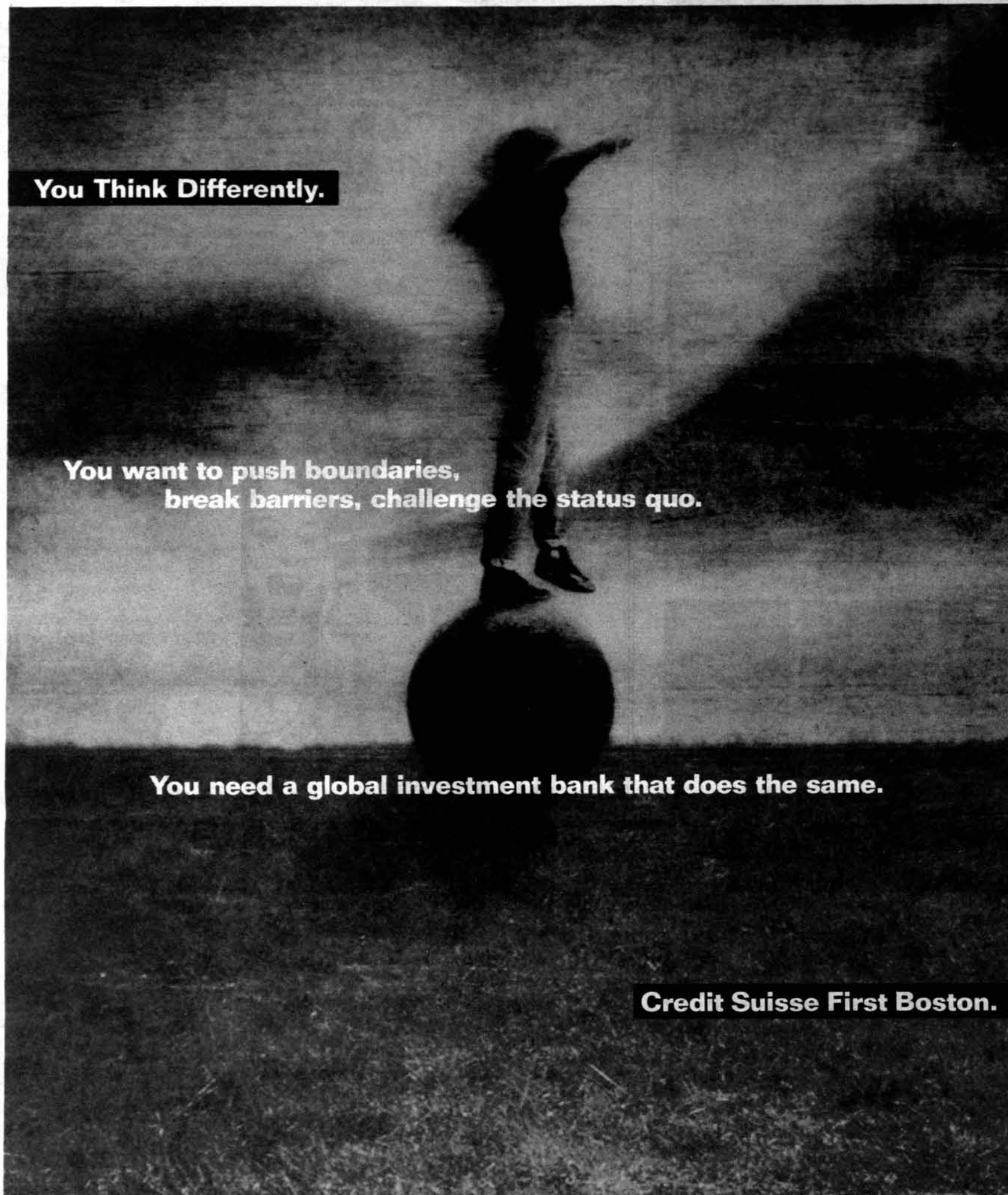
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Friday, September 25th

Presentation
Thursday, October 1st, 4:30pm
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Carnatic vocalist T. V. Sankranarayan and Srimushnam V. Rajarao perform Sunday in the Wong Auditorium at a concert sponsored by the MIT Heritage of South Asia club.

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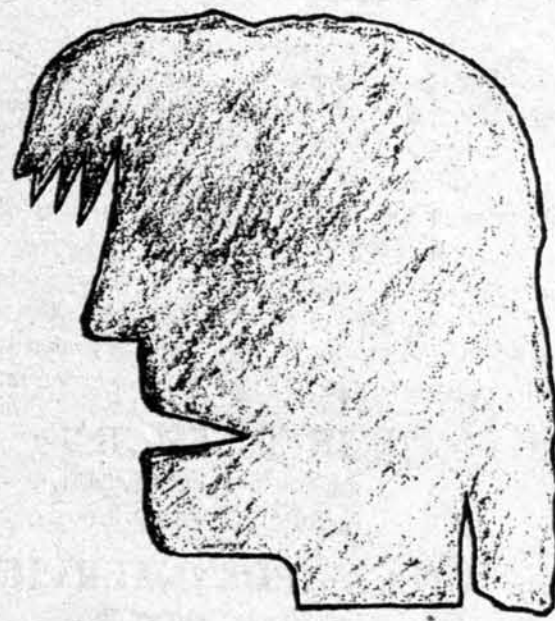
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SPORTS

Women's Tennis Splits a Pair Of Matches Over the Weekend

By Nisha Singh
TEAM CAPTAIN

The women's tennis team won one of two matches at home Saturday. They dropped the first contest to Skidmore College, the defending Division III national champions, 8-1, but rebounded against Springfield College to win 5-4.

Play started off with doubles against Skidmore. MIT earned its lone point at first doubles, where Mealani Nakamura '00 and Kelly Koskelin '02 won 8-4. Jessica Hall '02 and Nisha Singh '00 lost 8-2 at second doubles, as did Yi-Ning Cheng '02 and Shikha Gupta '01 at third doubles. Divya

Bhat '02 and Priscilla Cheung '02 fell 8-3 at fourth doubles.

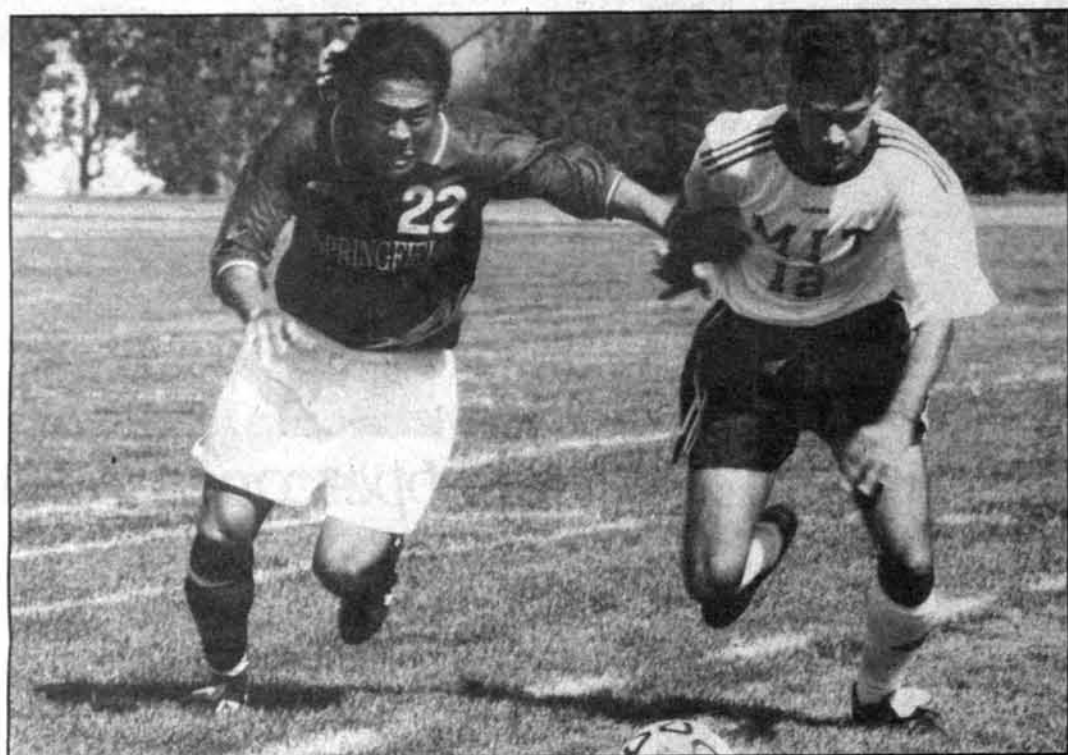
In singles play, the closest and most exciting match of the day came at first singles, where Nakamura lost in three sets, 6-3, 6-7 (7-4), 6-1. Koskelin lost at second singles, 6-3, 6-1. Hall and Singh lost at third and fourth singles, respectively, by scores of 6-0, 6-1, and 6-1, 6-0. Cheng lost at fifth singles 6-0, 6-2, and Cheung lost at sixth singles 6-1, 6-0.

Against Springfield, Nakamura and Koskelin won 8-2 at first doubles, while Hall and Singh lost 8-5 at second doubles. Gupta and Cheng won 8-4 at third doubles.

In singles, Nakamura blanked her opponent 6-0, 6-0 at first singles, while Koskelin won 6-3, 6-0 at second singles. Hall won 6-1, 6-4 at third singles, while Singh lost 6-4, 6-0 at fourth singles. Cheng lost 6-3, 6-4 at fifth singles, and Bhat lost 6-3, 6-2 at sixth singles.

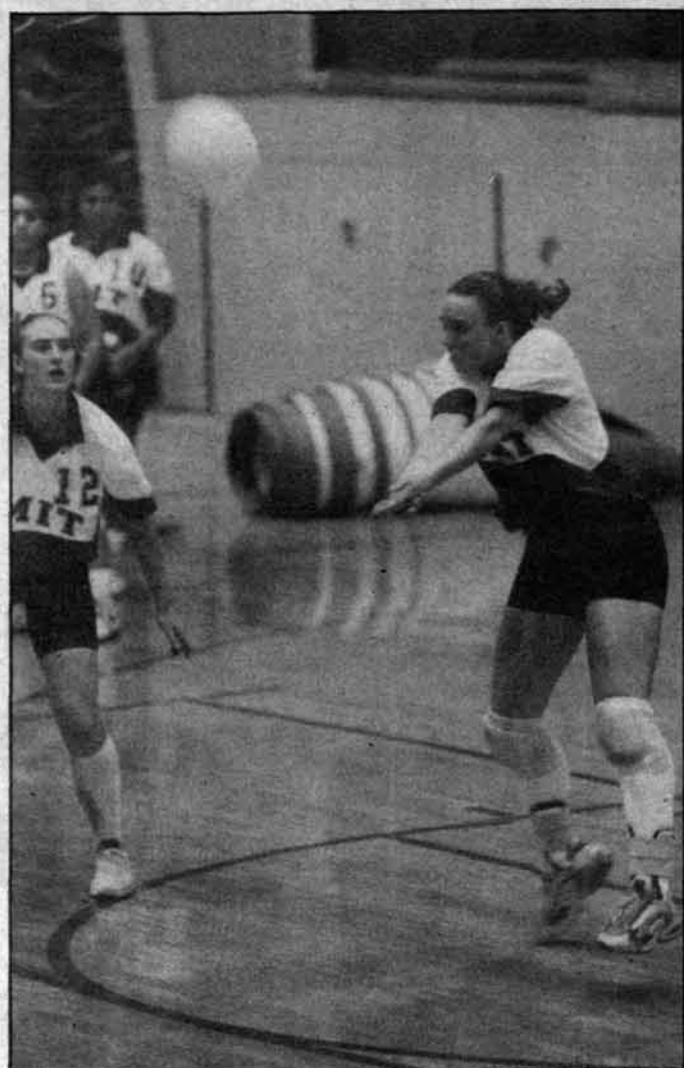
"Our performances today were spotty at best," said coach Carol Matsuzaki. "We need to improve on our confidence in our individual games as well as work on working hard."

The team's next match is at home today against Babson College.



Abhishek Singh '01 and Springfield College's Jason Higgins vie for the ball in last Saturday's game. MIT won 3-0.

ANGELA PIAU



AJAI BHARADWAJ—THE TECH

Betsy Sailhamer '99 digs an opponent's attack last Thursday. Despite the effort, MIT lost to Augsburg College 1-3.

UPCOMING HOME EVENTS

Tuesday, September 22
Field Hockey vs. Bowdoin College, 7 p.m.

Wednesday, September 23
Men's Soccer vs. WPI, 7 p.m.

Thursday, September 24
Field Hockey vs. Nichols College, 7 p.m.

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INFO SESSION

Thursday, October 15, 8:00pm
Room 4-145, Killian Court

ON CAMPUS INTERVIEWS

Friday, October 16

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