

Wet weather made for slippery driving, causing this traffic mishap yesterday afternoon outside Bldg. 1. None of the car's occupants were injured in the incident; the fire hydrant was not so fortunate.

THOMAS R. KARLO—THE TECH

Elevated Benzene Levels near Dorm

By Daniel C. Stevenson
ASSOCIATE NEWS EDITOR

A leaking petroleum storage tank near Huntington Hall may have contaminated the air in at least one room in the dormitory. Air sampling tests revealed above normal levels of benzene, a toxic compound in petroleum.

The tank, located at a gas station abutting Huntington, was found to be leaking in 1991 and has since been removed. However, the petroleum may have contaminated the air and ground water nearby.

MIT leases over 50 rooms in Huntington from the Massachusetts College of Art, which in turn is renting the entire building from its owner, Wentworth Institute of Technology.

The state recently asked Wentworth to conduct the air sampling tests, according to Felice Janel of the Wentworth Safety Office. The

air tests measured the levels of 36 volatile compounds, including four commonly associated with gasoline — benzene, toluene, ethyl benzene, and xylene.

Two rooms were tested, one on the first floor, and another on the second floor of the dormitory. Above normal levels of benzene were found in the television room on the first floor, according to Janel.

The affected room will be closed off and the television will be relocated, according to Associate Dean for Residence and Campus Activities Andrew M. Eisenmann '75 in a March 24 letter to MIT residents at Huntington.

In addition, an environmental site assessment showed that "there could be some gasoline contamination of the ground water" near Huntington, Janel said.

Huntington, Page 14

UROP Introduces New Funding Rules

By Ramy A. Arnaout
ASSOCIATE NEWS EDITOR

In a departure from the old Undergraduate Research Opportunities Program application process, summer proposals will be accepted over a three-week period from April 1-22, according to the summer UROP guidelines.

With this change, "there is no advantage to being first — that's what we're trying to eliminate," said UROP Director Norma McGavern. Instead, the UROP approval committee will focus on variety, she said. "We want proposals from a wide range of areas," she said.

As of July 1, the Institute will no longer be able to waive overhead and employee benefit costs on UROP student wages. The new policy, a result of new federal guidelines, will effectively make UROP students twice as expensive to hire as before, according to McGavern.

Wages earned through the end of June will not incur these costs, so students should save their vacation

time for the end of the summer, according to UROP guidelines. The UROP office will also give preference to students who work full-time rather than part-time.

However, beginning July 1, wages paid out of sponsored research funds will be subject to employee benefit costs of about 40 percent. This sum will then be subjected to overhead expenses of over 50 percent, thereby doubling UROP costs, McGavern said.

These costs were waived last year for about 2,500 UROP students who earned nearly \$5 million last year, according to McGavern. Overhead costs include physical plant and administrative services, and employee benefit costs, include health plans and vacation time.

Though employers usually earmark a portion of their employees' salaries for employee benefits, the situation is different for UROP students. Students will "contribute to

UROP, Page 14

Employee Attacked at Media Lab

By Eric Richard
CONTRIBUTING EDITOR

On March 15, an individual posing as a janitor assaulted an employee of the Media Laboratory when asked for identification.

According to a Campus Police report, a Media Lab staff member confronted the individual about a bulge under his jacket. The individual then struck the staff member in the face and fled the premises.

The bulge was a laptop computer, an Apple Macintosh Powerbook belonging to Technical Services, according to an electronic mail message from Gregory L. Tucker, research engineer at the Media Lab.

The Powerbook was the only item reported stolen, according to Chief of Campus Police Anne P. Glavin.

The staff member was not seriously hurt in the attack, Tucker said.

There has also been a separate report of a person following a Media Lab employee into an elevator after hours and gaining access to the upper floors, according to Tucker.

However, no formal complaint of the second incident has been

made. "No one has come to us to say that this incident happened," Glavin said. Glavin said that the Campus Police is in the process of investigating the March 15 assault.

No suspect identified

"We believe that we have identified the individual responsible," Glavin said. But "the hard part is that the victim cannot positively identify the suspect," she added.

The Campus Police has received information identifying the assailant's vehicle, Glavin said.

"We suspect [the person] had an idea of where he was going," Glavin said. "It isn't clear how [the individual] got in the Media Lab," but it seems that he simply walked in, she added.

In addition, no other individuals were found who could identify the assailant. "We've turned over every stone that we have," Glavin said.

Incident raises safety questions

"We've sent out warnings to people about the incident and warned them not to confront suspicious individuals," said Lauren H. Gallant, administrative officer at the

Media Lab.

"Our primary concern ... is that we don't want individuals running into confrontations like this fellow did," Glavin said. "Sometimes, despite the best laid plans it is difficult" to keep people out, she said.

"If you see somebody who looks suspicious to you, call us immediately," Glavin said.

These incidents have prompted Nicholas P. Negroponce '66, director of the Media Lab, to address the issue of security in the Media Lab.

"As a number of you know, we are experiencing more and more crime at the Media Lab," Negroponce said in an electronic message posted to the media lab. "During the nine years ... of occupancy of the Wiesner Building, we have been blessed with a high degree of safety and with an absolute minimum of theft."

Negroponce proposed additions to the Media Lab's security system, but he concluded, "In the final analysis, the only way we can combat this problem is to keep our collective attention high, have our eyes and ears open, and be alert and ready to help."

Six Announce GSC Candidacies

By Vipul Bhushan
SENIOR EDITOR

The Graduate Student Council will elect new officers at its next full council meeting on April 5. There are currently two candidates each for President and Vice President, and one each for Treasurer and Secretary.

The GSC full council is composed of the four officers and representatives from each degree granting program and each living group. Any graduate student may run for office, and nominations remain open until the election takes place.

Christopher M. Gittins G, the current vice president, spoke highly of the candidates. They are all experienced people who seem committed to graduate student concerns, he said.

President

Roger G. Kermode G cited his current work as a chairman of the Activities Committee and his past involvement in undergraduate student government as qualifying him to be GSC president. Coming from Australia, he

feels he can also identify with foreign students' concerns.

Kermode praised the many activities sponsored by the GSC, but said there was a need to increase student involvement. Students become involved with the GSC through two channels, he said. Some experience or perceive problems, and see the GSC as a vehicle for solving them. Others are involved in planning and participating in activities.

Kermode also recognizes the problems of the increasing cost of hiring Undergraduate Research Opportunities Program students and graduate research assistants.

Stan J. Reiss G lauded the abundance of GSC-sponsored social activities, but said they need to increase their academic focus, perhaps including providing advice to incoming students and those writing theses, as well as sponsoring speakers.

Reiss would also like to increase the GSC's presence with the academic departments and to "make it beneficial to depart-



VIPUL BHUSHAN—THE TECH

GSC officer candidates Joseph J. Bambenek G, Roger G. Kermode G, Patrick S. Wojdowski G, Susan L. Iprl G, Stan J. Reiss G, and Assef A. Zobian G

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WORLD & NATION

PRI Rift Thwarts Selection Of Presidential Candidate

LOS ANGELES TIMES

MEXICO CITY

One by one, party chiefs, government ministers and potential candidates parade in and out of the presidential mansion, stoic and mute. Throngs of reporters staked out nearby jostle for a sliver of information, a name. But, as the ritual of consultations continued Monday, the veil of secrecy did not lift.

Five days have passed since the assassination of Mexico's probable next president, and the ruling party is struggling to name a replacement. The delay in choosing a new candidate has exposed serious rifts in the ruling Institutional Revolutionary Party, or PRI, and highlights once again its autocratic, increasingly criticized way of doing things.

Depending on the choice he makes, President Carlos Salinas de Gortari is faced with a virtual mutiny among party members, from either old-guard hard-liners or reform-minded progressives.

The assassination last week of Luis Donaldo Colosio shook Mexico's ruling party to the core and has incited a bitter power struggle that seems certain to leave the PRI bruised and fractured.

Ernesto Zedillo, who was Colosio's campaign manager, is rumored to be the front-runner because he is close to Salinas and could be counted on to continue Salinas' free-market economic policies.

Party Chairman Fernando Ortiz Arana appears to have the backing of many traditional party stalwarts who have been waging a campaign to boost him and to block Zedillo.

Arabs Hold Off Lifting Israel Boycott in Wake of Massacre

LOS ANGELES TIMES

CAIRO, EGYPT

The massacre of about 30 Palestinians by a Jewish settler in Hebron has set back the timetable for a possible lifting of the Arab boycott against the Israelis, even as the Arab League finds itself increasingly divided over whether to consider Israel a friend or foe, officials said Monday.

Foreign ministers of the Arab world, still fractured by the wounds left by Iraq's 1990 invasion of Kuwait, found themselves at their 101st regular session unable even to agree on who represents a common enemy of the Arabs — though Israel got barely a mention among possible threats to Arab security.

The conclusion of two days of meetings with no new resolutions adopted on the Arab boycott, Arab security, or even the issue of a proposed Arab court of justice reflects the extent to which the Arab world remains unsettled by the Persian Gulf war and the uncertainty about how to deal with prospects of a general peace with Israel.

"Relations with Israel have really changed substantially, and we cannot speak about Israel using the same language we used to use in the past," said Nagui Ghatrify, spokesman for the foreign ministry of Egypt, which has urged its Arab neighbors to move toward peaceful relations with the Jewish state.

Oil Prices Fall to Near 5-Year Low

THE WASHINGTON POST

Oil prices dropped sharply on world markets Monday, and some industry analysts predicted further declines could be in store after the Organization of Petroleum Exporting Countries failed to reduce production.

The disarray in oil markets was good news for consumers, who can anticipate relatively low gasoline prices at least until summer, when demand increases with the vacation driving season. But the fall in crude prices triggered a dive in stock prices for oil companies, and for firms in the oil drilling and equipment business.

The price of crude oil for May delivery on the New York Mercantile Exchange closed at \$14.08 a barrel Monday, down \$1.05. Some oil industry watchers said they thought the price could fall to \$10 or \$12 a barrel, before rising again later in the year.

OPEC ended a two-day meeting in Geneva by retaining the current 24.52 million barrels-a-day ceiling on production for another nine months. According to news service reports, efforts to lower the ceiling fell apart because of resistance by Saudi Arabia, the world's largest oil exporter.

WEATHER

Chilly times ahead.

By Michael Morgan

STAFF METEOROLOGIST

The last in a series of cyclones will travel northeastward along a stalled frontal zone along the east coast. With colder air pressing in from the northwest, most of southern New England stands the chance of seeing some snowfall from this system. Accumulations should be light-only because air temperatures will be just above freezing for most of the event.

Following the passage of the cyclone, clearing skies and chilly weather will continue. A weak disturbance will pass the area late on Wednesday and may trigger a few rain or snow showers.

The medium range forecast (6 - 10 days) calls for above normal precipitation and below normal temperatures.

Today: Cloudy with mixed rain, sleet, and snow, turning to all snow during the afternoon. High near 40°F (4°C). Winds north-northeast 10-20 mph (16-32 kph).

Tonight: Cloudy with snow tapering to flurries, then partial clearing. Cool. Low 29°F (-2°C). Winds becoming north-northwest 10-15 mph (16-24 kph).

Tomorrow: Variably cloudy with snow and/or rain showers especially in the afternoon and evening. High around 40°F (4°C). Low 30°F (-1°C).

Right Wing Billionaire Wins Italian National Elections

By William D. Montalbano

LOS ANGELES TIMES

ROME, MARCH 29

Two months after his debut as a politician, media billionaire Silvio Berlusconi led right-wing forces Monday to an unprecedented victory in Italian national elections, emerging as the front-runner to become prime minister.

In elections termed the most critical in more than four decades for a country convulsed by longstanding government corruption, Berlusconi's restive, three-party alliance trounced traditionally dominant centrist parties and outdistanced once-favored leftists running as a movement of Progressives.

For Italy, installation of a right-wing government would mean moves toward a streamlined bureaucracy, intensified free-market economics with attendant labor unrest and, perhaps, evolution toward a bipolar — left-right — universe. The rightist government could be destabilized by internal squabbles, but Italy's democratic institutions are not at issue and neither are its commitments to NATO or the European Union.

Projections before dawn Tuesday gave the right substantial pluralities in both the Chamber of Deputies and the Italian Senate. Berlusconi's alliance had about 46 percent nationwide for the Chamber and 40 percent or so for the Senate.

Next in both chambers were the leftists, led by the former Italian Communist Party, with 34 percent or so. Centrist parties, which have controlled all 52 Italian governments since World War II, were get-

ting about 16 percent — less than half their traditional vote.

Final returns later Tuesday will show the extent of Berlusconi's victory, which, one of his three nationwide television channels reported, may include an absolute majority in the Senate.

Berlusconi, 57, not only headed the national campaign of his new "Forza Italia," or Go, Italy movement but also ran as a candidate, easily winning a seat in the Chamber of Deputies from central Rome.

His allies also prospered in an election under new winner-take-all rules in which 80 percent of candidates were running for the first time. Among them, movie director Franco Zeffirelli won a Senate seat in Catania, Sicily. In Naples, Alessandra Mussolini, granddaughter of former dictator Benito Mussolini, was re-elected to the lower house as candidate of a neo-fascist party allied with Berlusconi.

"The right has won," glumly reported the Rome newspaper *La Repubblica*, a bulwark of Berlusconi foes who argued that he had joined politics principally to advance business interests that include the country's largest advertising agency, a chain of supermarkets and Milan — Italy's champion professional soccer team.

A self-made man who once worked as a singer on cruise ships, Berlusconi campaigned in Cold War terms, portraying himself as a crusader against communism. Early Tuesday, in what amounted to a victory speech, he told reporters from his TV networks that "a few months ago we started with great fear.

There was a leftist team ready to take power. We were facing an uncertain future, moving toward a (totalitarian) regime."

Berlusconi made clear that he expected President Oscar Luigi Scalfaro to ask him to form a government. "We will know how to run a good government for all Italians, guaranteeing freedom for all," he said.

Running with the neo-fascist National Alliance and the secessionist Northern League, Berlusconi promised Italians more jobs and lower taxes under a government wed to free-market economics, conservative Christian values, controlled immigration and law and order.

Gianfranco Fini, leader of the National Alliance, easily won election to Parliament Monday, as did Umberto Bossi, founder of the League. Although both were aligned with Berlusconi for the election, Bossi insists that he will have nothing to do with the neo-fascists. Neither will he docilely follow Berlusconi's lead.

"Berlusconi thinks we are his. We're not," Bossi said early Tuesday.

For the left, Monday's returns were one more cruel blow in an always-a-bridesmaid search for power. Since World War II, Italian Communists — now social democratic and renamed the Party of the Democratic Left — had always finished second to the Christian Democrats. Monday, when the Christian Democrats slumped, the ex-Communists and allied parties running as Progressives finished second to Berlusconi's new right.

At Least 45 Died in Southern Tornadoes and Thunderstorms

By William Booth

THE WASHINGTON POST

ROCK RUN, A.L.A.

A cold wind blew across the ravaged hilltops of Alabama Monday as Bradford Poole, an unshaven farmer, surveyed his world: his 100-year-old farm house gutted; his daughter's trailer exploded; his son's new home scattered across the highway.

"And we were the lucky ones," Poole said.

His family lost three of its homes, but escaped without death or injury as Sunday's storm system ripped across the area. Poole's sons had lain face down in the basement of one house, "and they swore they could feel that twister trying to suck them out," Poole said.

Sunday saw one of the worst tornado rampages to run through the South in years, a day when hail the size of marbles fell in Mississippi, funnel clouds destroyed churches in Alabama and brilliant, violent lightning blazed across the Georgia skies.

Before it was all over late in the day, at least 45 people were dead — crushed by debris churned up by the twisters, struck by lightning or drowned by the flood waters borne of the torrential rains that followed the tornadoes. Hundreds more were injured.

At the storm's peak, some 150,000 customers around the region were without power in the Carolinas, Tennessee, Alabama and Georgia. Most of the power will be restored by daybreak Wednesday, utility officials said.

About 35 tornadoes were reported in the region on Sunday, and thunderstorms and cold heavy rains continued today, raising rivers and causing widespread flooding. Several funnel clouds were spotted Mon-

day, though none was reported to have touched down.

The storms roiled through a stretch of the South known as tornado alley. They continued a pattern, charted as far back as the 1600s, that is typical for the Southeast in the early spring.

As the storm barreled out of Mississippi and crossed Alabama, the Birmingham weather office issued 21 severe thunder storm warnings for various counties, one flash flood warning and 27 tornado warnings.

At 5:45 a.m. (CST) Sunday, the forecast office in Birmingham issued a statement that severe conditions were developing. At 10:27 a.m. (CST), the office issued its first warning of an actual tornado, pinpointed with the aid of a powerful new Doppler radar system.

The hardest hit region was the hill county of northeast Alabama, within a 20-mile radius of Bradford Poole's farm.

The sirens started ringing at Anniston Army Depot about a half-hour before the first killer tornado struck. The depot maintains an elaborate warning system because it has a quantity of chemical-warfare "nerve agents" awaiting incineration in a series of above-ground concrete bunkers. No chemicals were released, but the sirens did warn residents in a 9-mile area of the impending twisters.

The tornado's funnel touched down on Goshen United Methodist Church near Piedmont about 11:30 a.m. (CST), blowing out windows, collapsing the roof and walls on a few of children in bright Easter outfits, and killing — among others — the 4-year-old daughter of Rev. Kelly Clem. Survivors said they had no warning.

About 130 people were in the

Methodist church when the lights flickered and went out during the singing of a hymn. Soon after, roaring wind and splintering glass sent parishioners diving under red-carpeted pews.

One man died outside the church in a vehicle. Another 20 were killed inside the church, including six children aged 2 to 12 who were taken with the others to a nearby temporary morgue at a national guard facility. At least 80 members of the Goshen church were injured.

The storm moved on to north Georgia, where 18 persons were killed. In the Henderson Mountain area north of Atlanta, nine died in Pickens County, including six family members who had gathered together in a double-wide trailer and were killed when their home was thrown 30 yards away from its moorings.

Later, in Charlotte, N.C., a public housing project called Boulevard Homes was "pretty well destroyed" by a tornado, but none of the residents was killed, according to Mickey Casey of Charlotte Police Department. Two persons, however, died in North Carolina — one an elderly man in Charlotte who had gone out to get his laundry from a backyard line and was struck by lightning.

Georgia Gov. Zell Miller (D) declared 12 counties disaster areas, and Alabama Gov. Jim Folsom Jr. (D) also toured disaster-stricken communities and was expected to call for federal aid.

Miller said he had no estimate for damage yet, but said it would easily run into the millions. Disaster relief experts said it would take a few days to return power and phones to the hardest hit areas, though it will be months or years before the homes are rebuilt.

Analysts Warn of Bear Market

By Brett D. Fromson
THE WASHINGTON POST

NEW YORK

With the stock market continuing to fall from its January peak, a growing number of Wall Street analysts are warning customers that a major correction, if not a long-term market decline, is underway.

Those who have joined the pessimists' camp say the reasons abound for their dim view of the market. They cite rising interest rates, inflationary expectations, a slowdown of mutual fund money pouring into stocks, and worldwide political uncertainties.

Since late January, when it neared the 4,000 mark, the Dow Jones industrial average has fallen 216 points, or 5.4 percent, including 120 points last week and another 12 today. Other indexes have fallen as well. The Nasdaq stock market composite index, which tracks smaller companies, is off about 4 percent.

Some analysts are hoping this is no more than a long-awaited correction, a short-term decline in an otherwise rising market that helps to keep speculative fervor in check.

But if this slide marks the start of a long, sustained decline in stock prices — a full-fledged bear market — it would be bad for the economy, for federal regulators and for President Clinton, who has largely enjoyed the benefits of rising stock prices.

A rising stock market can boost the economy by making Americans feel prosperous and more willing to spend.

Richard McCabe, chief market analyst for Merrill Lynch & Co., has told the firm's clients to expect a market decline of 15 to 25 percent.

Pessimism is spreading on Wall Street at a time when the economy is expanding and corporate profits are improving, which normally would make traders bullish.

But many analysts believe stock prices still are high relative to profits and dividends paid to investors.

Dividends would have to improve significantly to justify current stock prices, according to Ned Davis, head of Ned Davis Research Inc.

Another cause of worry to some traders is that big professional investors have been taking profits on days when stock prices advance and are buying less aggressively when prices fall.

"There is no conviction," says John Burnett, a senior stock trader at Donaldson, Lufkin & Jenrette, a brokerage based in New York City. "And that is normally associated with bear markets."

That is why Burnett and others think the market is primed to fall further. "Uncertainty leads to selling," he said. Burnett said he believes the chances that this is a bear market rather than a correction are 50-50.

Parent Company Files For Sale of United Airlines

THE WASHINGTON POST

United Airlines' parent company set in motion the sale of majority control to its employees Monday by filing documents with the Securities and Exchange Commission.

Investment bankers have valued the package at \$170 to \$173 a share. UAL Corp. stock closed Monday at \$133.25, up \$1.75.

For each share they now hold, shareholders would receive one-half a share of new United stock, \$25.80 in cash, one share of preferred stock with a value of \$31.10 and an initial dividend rate of 10.25 percent and unsecured debentures due in 2004 and 2014, according to the filings. The unsecured debentures, each with a principal amount of \$15.55, carry initial interest rates of 9.00 percent and 9.70 percent.

Once the deal is completed, members of the Air Line Pilots Association, the International Association of Machinists and the company's nonunion employees will control at least 53 percent of United, under an employee stock ownership plan.

Nine of the 12 members of a new United board also were named Monday, reflecting a balance of interests between the pilots and machinists. Wall Street analysts have said they expect shareholders to approve the deal when they finally vote, probably in May.

Eugene Ionesco, 'Theater of the Absurd' Playwright, Dies at 81

LOS ANGELES TIMES

Eugene Ionesco, the Romanian-born playwright who was considered the godfather of the Theater of the Absurd and wrote the genre's best-known work, "The Rhinoceros," died Monday. He was 81.

Ionesco, who had recently suffered from bronchitis, died in his Paris home during a post-lunch nap, his wife, Rodika, said. For many years, he had had arthritis, a disease of joint deterioration.

An allegory protesting totalitarianism, "Rhinoceros" involves townsfolk in a French village on a quiet Sunday morning who hear that a rhinoceros is charging through the streets. Illustrating that ordinary people find it difficult to resist the extraordinary, all the characters — except the publisher's clerk, played in America by Wallach — eventually turn into rhinoceroses.

Born in Slatina, Romania, Ionesco spent his early childhood in Paris. He then returned to Romania until his colleagues' bow to Hitler prompted him to flee permanently to France. Eventually he became a French citizen.

Ionesco worked as a professor of French in Romania, and then for a publishing house when he moved to France. When Ionesco decided to transform his views on the absurdity of life into plays, his wife helped supported them by working in a lawyer's office.

Although critics were initially unimpressed when Ionesco's first play, "The Bald Soprano," premiered May 11, 1950, word of mouth prompted a surge in ticket sales. Ionesco was so encouraged he decided to devote all his time to writing plays as fast as he could turn them out.

Ionesco said he became a writer because literature seemed the surest path out of "abhorrent anonymity."

Among the trappings of fame he eventually achieved were entry into the respected Academie Francaise in 1970, the Ingersoll Foundation's annual T.S. Eliot Award for Creative Writing in 1985, and a commendation from the Los Angeles Theater Alliance in 1983.

Johannesburg Battles Kill 18, Jolt Politicians to Reconciliation

By Paul Taylor

THE WASHINGTON POST

JOHANNESBURG

Rival black groups killed at least 18 people in a gun battle in downtown Johannesburg Monday, jolting South Africa's delicate political transformation — and apparently triggering new efforts at reconciliation.

Gunmen supporting the Inkatha Freedom Party and the African National Congress battled for hours in the canyons between the city's gleaming skyscrapers, scattering lunch-time crowds and wounding hundreds of people.

Shortly afterward, the government announced that a first-ever, four-way meeting would be held later this week among President Frederik W. de Klerk, ANC President Nelson Mandela, Inkatha President Mangosuthu Buthelezi and Buthelezi's ally, the Zulu tribal king, Goodwill Zwelithini.

They will discuss steps to control violence and ensure fairness in South Africa's first democratic election next month — as well as Inkatha's objections to the new constitution under which the balloting is to be held and Zwelithini's demand for Zulu sovereignty.

Monday's battles began after about 10,000 heavily armed Zulus marched in protest against the election. The Zulus — supporters of Inkatha — clashed with backers of the ANC, which is expected to gain a landslide victory in the vote. It was the first time in the blood-stained history of the apartheid era that such a battle had taken place in downtown Johannesburg.

Until roughly a year ago, the government and Inkatha were allied against the ANC. But as the ANC and government have grown closer negotiating the final stages of South Africa's transition to democracy, Inkatha has felt itself spurned and

become an election spoiler.

Political and economic turf wars between the ANC and Inkatha are the major cause of the political violence that has claimed 20,000 lives in South Africa over the past decade. Each party Monday accused the other of instigating Monday's killings, and berated police for not doing enough to prevent them.

Police confirmed 18 deaths, but unofficial reports suggested the toll could be twice that high, with up to 400 wounded, in Monday's battles. The bulk of the dead were shot in the streets of Johannesburg's concrete and glass financial district. Horrified pedestrians sprawled behind parked cars and office workers dived under desks or away from windows.

The shootouts caused chaos, leaving journalists and other witnesses uncertain where the first shots had come from or what had triggered them.

Graduate Student Council

All graduate students are welcome to attend any GSC meeting.

Nominations will also be accepted from the floor at the meeting. To vote, you must be a Department Representative or a Housing Representative. Contact the GSC for details.

GSC Elections and Full Council Meeting Tuesday, April 5

current candidates:

for President: <i>Roger Kermode</i>	for Secretary: <i>Susan Ipri</i>
for Vice-President: <i>Joe Bambenek</i> <i>Assef Zobian</i>	for Treasurer: <i>Stan Reiss</i> <i>Patrick Wojdowski</i>

Graduate Teaching Awards

The GSC presents awards to Professors and TA's of Graduate courses to acknowledge and promote excellence in teaching. Nomination forms are available from the GSC office, 50-220, and must be completed and returned by April 7. Nominations will also be accepted by e-mail to gsc-awards@mit.edu. A project of the APPC.

Doing Our Part for the Food Chain!

Stop and Shop on Memorial Drive will be closing unless the MDC reverses its position on trucks using Memorial Drive. A MIT student petition in support of Stop and Shop can be found in Westgate Tower, Tang, Next House, Edgerton, Ashdown, and the GSC office. For more info, contact **Brian Reistad**, reistad@lcs.mit.edu.

UPCOMING MEETINGS:
(Free food will be provided at all of them)

Activities Committee Meeting Tuesday March 29 at 17:30 in 50-220.
APPC Meeting Wednesday March 30 at 17:30 in 50-220.
HCA Meeting Tuesday April 11 at 17:30 in 50-220.

Don't miss... Oh, you already did. Never Mind! Look here every Tuesday so you don't miss any exciting and important GSC events!

OPINION

Letters To The Editor



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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$20.00 per year (Third Class by The Tech, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139-0901. Third Class postage paid at Boston, Mass. Non-profit Organization Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 258-8324. FAX: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1994 The Tech. Printed on recycled paper by MassWeb Printing Co.

SafeWalk Not Adequate for Edgerton

The Tech received a copy of this letter addressed to Chief of Campus Police Anne P. Glavin:

I called Safe Walk on March 16 around 10:45 p.m. for an escort from my office, E15, to my dormitory, Edgerton House. Along the way, the knowledgeable and friendly Safe Walk pair explained that they could only take me to 77 Massachusetts Ave. to wait for Safe Ride. They told me that the Chief of Campus Police, Anne Glavin, had declared that the 5 minute walk from 77 Mass. to Edgerton is "too unsafe for Safe Walk." Contradicting Safe Walk's good-intentioned flyers and electronic mail that boast complete on-campus coverage, Edgerton House and all parts of campus "on the wrong side of the railroad tracks" have been excluded.

Since then I have exchanged e-mail with Chief Glavin. Her responses have been fast, courteous, and informative. Despite my suggestions and the suggestions of other Edgerton Residents, Chief Glavin will not acknowledge that there is a problem with the current situation regarding safe transportation to Edgerton House.

The letters I have received from Edgerton residents show there is a problem, even by Chief Glavin's standards (a 20-minute trip on Safe Ride is the limit of reasonability). Everyone I've discussed this issue with agrees that Safe Ride has improved since last year and that Safe Walk is a well-intentioned program. Nevertheless, there is not sufficient safe transportation to Edgerton.

Jill Klinger G

Glavin Responds To SafeWalk Concerns

The Tech received a copy of this letter addressed to Jill Klinger G:

I feel I must further address some of your conclusions as to what you think the Campus Police think about this issue, especially since you are mistaken in some areas.

First, you should be aware that the Campus Police (myself and two of my staff) trained the Safe Walk students (all 50) for this project. The training was reviewed and approved by its student leadership — including the issue of boundaries relating to the geographical areas that Safe Walk would cover.

What did we tell them? We said that the boundaries should be the main campus (bordered by Memorial Drive, Vassar Street, Audrey Street, and Wadsworth Street). We set these boundaries because this is consistent with our crime prevention philosophy which we have preached for years to the MIT community. It is a sad fact, but it is unsafe to walk the campus perimeter and city streets after dark, particularly late at night. Safe Walk operates during peak hours of risk: 10 p.m. to 3 a.m. The later the hour, the more isolated the streets and the higher the risk of criminal victimization.

If we preach this to the community then we would be remiss to expect a group of students to walk in the very areas we are cautioning against. Safe Walk students have no public safety responsibility (nor should they). They are not police and should not attempt to act as police or anything that looks like a police or security person. That is not their job.

We never signaled out Edgerton as you imply. We did set general geographic boundaries knowing that Safe Ride serviced academic buildings and residences outside the boundaries, i.e., all of Albany Street, MIT property, the Women's Independent Living

Group, Random Hall, etc. The student leaders of Safe Walk understood this and agreed with our viewpoint on this matter. We would certainly all agree it is unfortunate, but it is the safest way to conduct this service for everyone's sake.

Your statement that I "will not acknowledge that there is a problem with the current situation regarding safe transportation to Edgerton House" is not accurate. First, there is safe transportation to Edgerton House. Edgerton is a scheduled Safe Ride stop. I agree that Safe Ride does not meet everyone's expectations for speedy service. It is not speedy, for it is a victim of its own success. Safe Ride was "born" for a variety of reasons including: To take the pressure off Campus Police cruiser escorts (we simply could not handle the volume without 20-minute waits). We had never served the student living groups in Boston, and everyone wanted faster service. Safe Ride started with one van, grew to two vans, and then grew to four vans. Each increase doubled the ridership. We now again have the problem of vans filling up too fast.

As to the issue of where Safe Ride should go, a student group worked with us on that issue to select stops. They also created the time schedule so that students can better predict when Safe Ride will arrive (although a variety of factors, most beyond our control, still cause the schedule to run behind at times). We continue to have the problem we have always had: students continually want to add stops to the system but also want fast service. These are reasonable wishes, but the reality is that the present structure of Safe Ride simply can't handle both desires.

Is this the right system? Probably not in the long run, but neither are there unlimited funds for this service. A fast, full-fledged bus service meeting all the desired needs would be very expensive. A formal committee has looked into that issue already.

Your belief that students should be able to go to Campus Police and ask "a cop" for an escort to on campus locations across the tracks, on the surface is reasonable. In fact we still do escorts in cruisers all over campus and beyond, but we have to limit them so as not to revert back to duplicating Safe Ride.

As to lighting, Massachusetts Avenue is one of the better lit perimeter areas; it is not perfect, but much of it is city property.

Lighting around Edgerton was upgraded a year or so ago — we will check and see if the Albany Street side is sufficient or still a problem.

I am not unsympathetic to your concerns, but the solutions are not quite as simple as one might think. The Safe Walk leadership will be closely tracking requests for Safe Walk. The service has only been in existence for two nights, and no understanding of the demands on the system can be drawn for at least a month. I will be meeting with its student leaders then.

Nobody feels more strongly about campus safety and security than I do, but we have to work together in a constructive fashion.

Anne Glavin
Campus Police Chief

New House Seeks Reliable Key-cards

The Tech received a copy of this letter addressed to Lawrence Maguire, director of the Office of Housing and Food Services:

New House residents have been complaining to the New House government about a couple aspects of the new key-card system.

First, although we appreciate the safety issues, it seems rather awkward to have no way of unlocking the courtyard doors from outside.

In past years, the courtyards have been used for numerous sports and social activities, which are now hampered by the fact that the doors can no longer be opened from the outside, not even with the key-cards. In the winter, this discourages people from using the courtyards entirely. In the summer, we fear that people will leave the doors open. No doubt some will accidentally remain open and "undesirables" will wander in from the streets as they have in the past. Furthermore, should anyone be accidentally trapped in a courtyard, their only options would be to climb the wall onto Memorial Drive (a feat not all residents can manage) or to pound on a door until someone lets them in. If this becomes a common occurrence, students might let in "undesirables" by accident, mistaking them for residents trapped outside. Given this problem we would suggest that key-cards be installed on the court-yards, or that the DRA key locks be reinstalled.

Second, as New House is the only dorm to house Independent Living Groups, we are faced with a unique dilemma. These ILGs consist of both New House residents and non-resident members. Under the new key-card system, non-resident members cannot gain access to the dorm without the help of another individual, be it the front desk, night watch, or Campus Police. We question whether the real intent of the key-card system is to protect residents from fellow MIT students rather than from unwelcome outsiders. Since the ILGs give these non-resident members the right to visit their ILGs at any time of day or night, we feel the key-cards should give them access to the dorm.

Furthermore, the front door unlocking mechanism seems to be unreliable. On several occasions the door has refused to unlock both from outside with the card reader and from inside with the buzzer. Some residents fear that these difficulties could occur late at night or at other times when a person isn't there to push the door open. Recent power cuts on campus have also raised the question of the reliability of the system should the dormitory lose power. Although we realize that technology is often susceptible to trouble, we want the system operate as reliably as possible, and wonder if there aren't more steps which can be taken to guard against these troubles.

Diana Bancila '95
New House President
Eric Richard '95
New House Vice President
Jonathan Walton '94
New House Treasurer

Bad Winter Stresses Physical Plant

As the Director of Physical Plant, I cannot help but comment on Stephanie A. Jenrette's article ["Snowplows Irk East Campus Residents," March 15] concerning snow removal in the East Campus. While I strongly embrace Jenrette's freedom to express her opinion and criticize basic services, I cannot help but be offended by her tone and lack of objectivity. I am equally disturbed that *The Tech* would print what clearly appears to be a humorless and offensive "bashing." At MIT there should be no room for bashing of any kind, be it racial, gender, or intellectual.

We have just experienced the worst winter in history, certainly in terms of snowfall. During the entire winter the Institute remained open and operating as usual. This placed a tremendous burden on our service workers to keep pathways, roadways, garages, etc., clear enough for students, faculty, and staff to get to work or school and to get around campus. The fact that Jenrette raised about "metal scraping

Letters, Page 7

Opinion Policy

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

Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two

days before the date of publication.

Letters and cartoons must bear the author's 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. We regret we cannot publish all of the letters we receive.

To Reach Us

Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.

PART-TIME STUDENT TELEPHONE FUNDRAISERS NEEDED
\$8.00/hour

Monday-Thursday 6:00-10:00pm and Sunday 3:00-9:00pm. Students will be required to select a minimum of 8 calling hours each week.

EMPLOYMENT TERM: End of March-Early May

The Student Telephone Fundraiser will be responsible for contacting MIT constituents by telephone for the purposes of soliciting support/gifts for MIT's Annual Fund. Students will be contacting both graduate and undergraduate alumni throughout the country by telephone and generating interest in supporting MIT's Annual Fund. Student Callers will be required to schedule and work a minimum of 8 hours each week. Callers will be expected to meet both quality and quantity calling standards of the program. Student callers will participate in an initial training program which will include information about the MIT Annual Fund and how to execute effective telephone fundraising calls. Calling shifts will be held at Building 10-110.

Minimum Requirements

Current MIT students. Articulate; excellent telephone communication skills; performance and goal oriented.

Qualified Candidates:

Leave message for Marilyn Silverstein at 252-1608

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March 29
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- Wednesday
March 30
"Ceramics, Electronic Materials, Metallurgy, Polymers: A Faculty Perspective"

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- Thursday
March 31
"Materials Science and Engineering: The World Beyond M.I.T."

Professor Merton C. Flemings
Department Head

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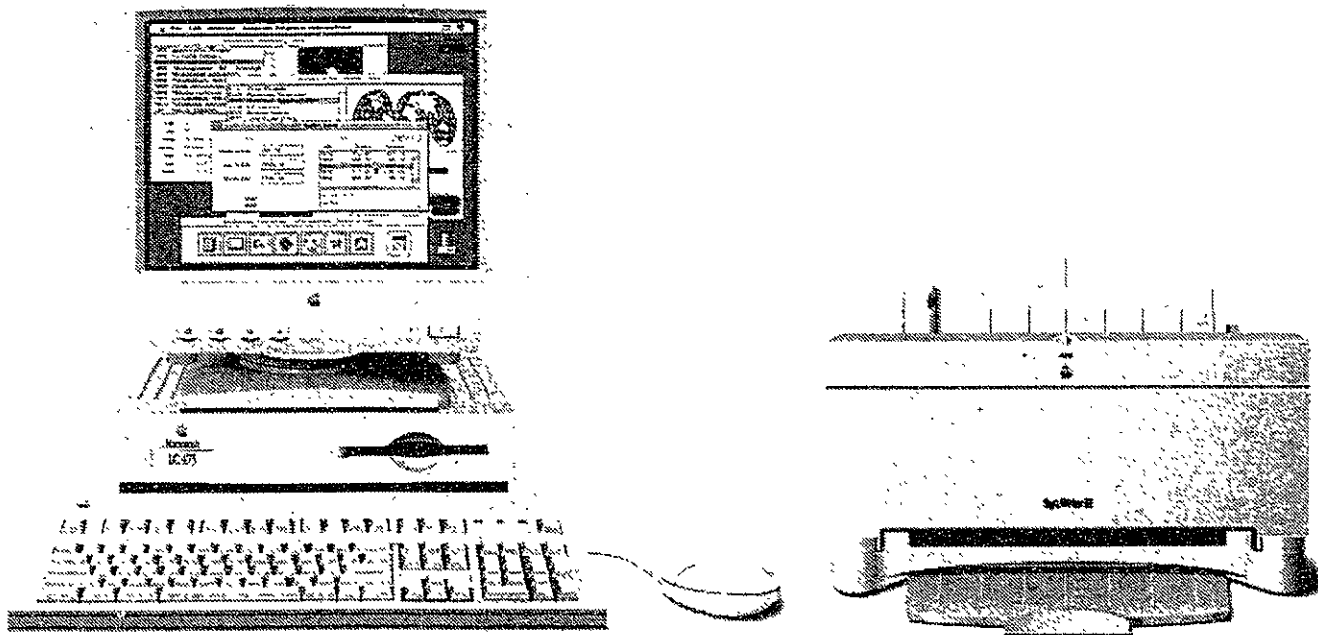
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Letters To The Editor

Letters, from Page 4

concrete" must mean that we were successful. Though she derides this fact, many others applaud it. Physical Plant workers were not plotting to irritate East Campus residents. On the contrary, they worked throughout the night and into the morning hours to ensure that the Institute could remain open. There were at least five nights this past winter when these individuals never went home, but worked throughout the night and the entire next day.

Removing snow on campus is a well-defined process with clear priorities that were continually met throughout this past winter. I encourage anyone to meet with me or Robert Hagerty, manager of Grounds Services, to review it. Most importantly I would have hoped that Jenrette's complaints would have come to our attention early on. We could then have addressed them in a reasonable fashion and shared information as to why things are done in a certain way.

There must always be room for constructive criticism in this academic setting. As a department we welcome it. However as director of this department I neither welcome nor condone what I see as a lack of respect for service workers whose intentions and actions were truly heroic in many instances. I have spoken with a number of them. They are confused and offended, and they have a right to be.

V. V. Sirianni
Director
MIT Physical Plant

Grounds Services Provides Safe Conditions

The winter of 1994 is special in everyone's mind. While the sound of back-up alarms and plow blades clearing snow and ice can be disturbing, they are both necessary for the snow removal process and providing safe conditions for the community. During a snow storm, the

mission of the Grounds Services Department is to keep parking areas, roadways, and walkways open for the entire community. During this process the Medical Department, Campus Police, handicapped ramps, emergency telephones, fire hydrants, parking areas, and the main buildings are the first areas to be opened up. While these areas are being cleared, we open general access areas, walkways, stairs, and adjoining city areas if we know they will not be cleared.

Once the campus is opened up, there is an ongoing process of making sure emergency areas and handicapped ramps are kept clear.

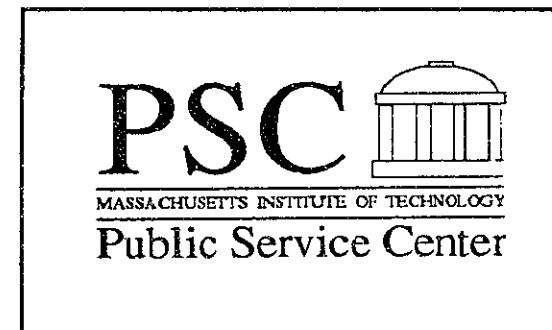
After a storm we begin the process of pushing back snow to make room if another storm should develop. At this point, if good weather continues, we begin to haul snow piles away. Areas that are critical to keeping the Institute operating are done first. Then we begin clearing drains and removing snow from parking lots and garage roofs.

The campus encompasses over 150 acres, and is surrounded by city. Grounds Services

has only 44 employees and operates only one shift. Add to this the fact that a snow storm can start at any time, and you begin to understand why it is so difficult to satisfy everyone.

The Grounds Services Department regrets any inconveniences you may have encountered this winter, but our efforts were directed to keeping the Institute open and operating and providing safe conditions for the community and visitors to our campus.

Robert Hagerty
Director
MIT Grounds Services



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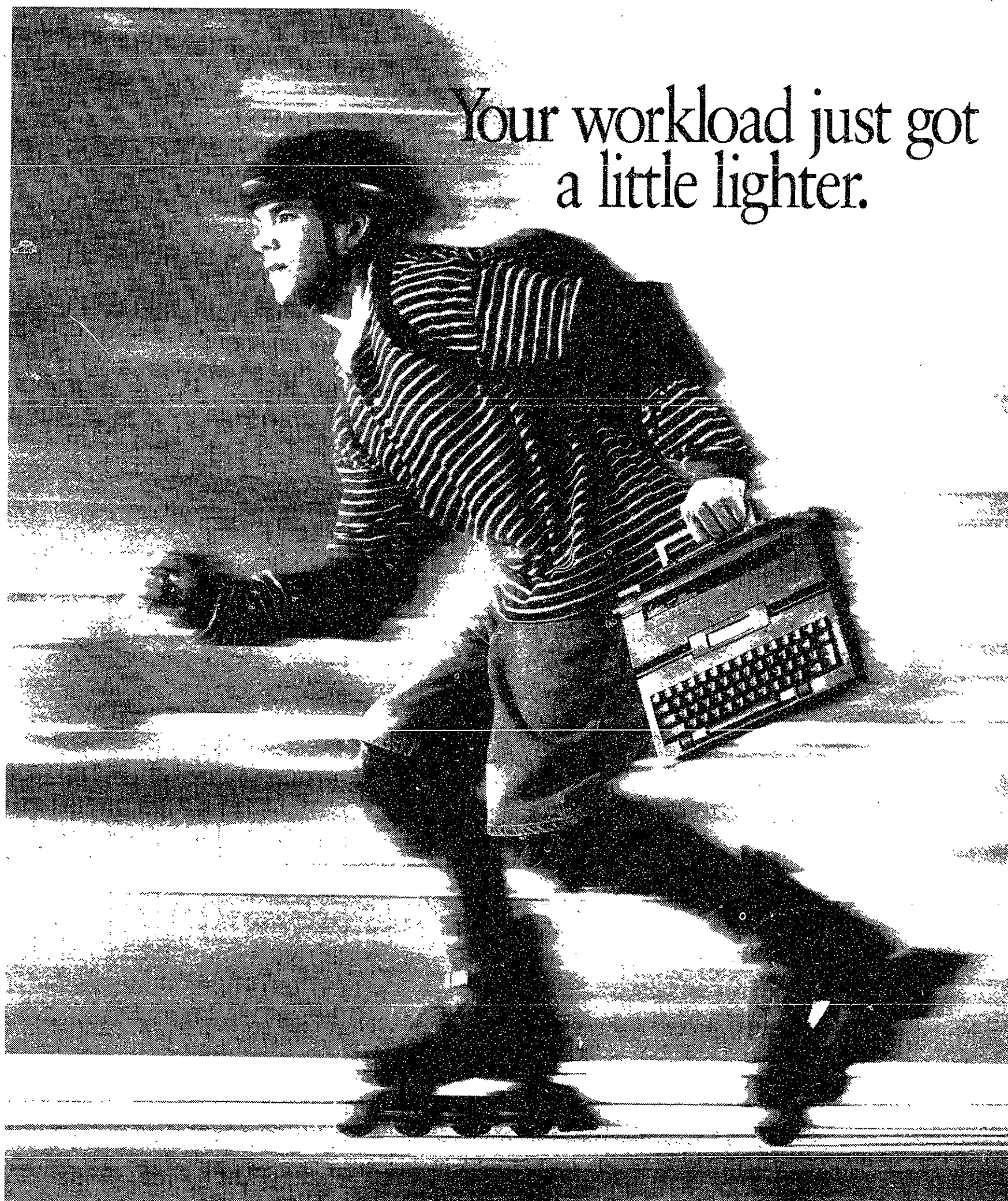
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THE ARTS

Modern works challenge audience and musicians

MIT CONCERT BAND

Kresge Auditorium.
March 11.

By Jonathan Yates

The word "band" conjures up an image of mediocre musicians playing marches and other simplistic music not worthy of serious musical consideration. The Concert Band's performance on March 11, however, makes a fine exception to this stereotype. The band performed an exciting collection of intellectually and musically challenging contemporary works for wind ensemble. Indeed, the selections did not include a single piece of music that might be regarded as simplistic.

All but one of the composers was present at the performance, and two of them conducted their own pieces. This concert was also notable for featuring talented students in key roles, a service that few college music groups are so willing to pay to the members of their own musical communities.

The program opened with *Canto III*, a piece by Professor John Bavicchi '44, a faculty member at the Berklee College of Music and long time associate of the Concert Band. The work was interesting, but difficult to follow on a first listening. Like so many works of contemporary music, it included occasional passages which were written and orchestrated

in an obviously non-intuitive way. Such challenging and non-idiomatic writing was responsible for several moments of bad intonation from the band during its performance of *Canto III*.

The Concert Band then performed *Prelude for Euphonium and Band*, a two-movement piece by Professor Jack Jarret, another local area composer from the Berklee College of Music. Jarret conducted this performance himself. While his baton technique was often stiff, he held the band firmly in control. The players seemed to play for him with a level of care and discipline unequaled elsewhere on the program. Both movements were light, tonal, and more than any other piece on the program, immediately enjoyable.

The euphonium solo was played quite well by Wayne Baumgartner '96. The piece features very lyrical writing for the euphonium in a range far higher than that which is standard for the instrument. Baumgartner handled the challenge of this uncharacteristically high passage work easily, and made the euphonium, often a cumbersome instrument, sound melodic and graceful in its highest register. Even so, he sometimes seemed unable to overcome these technical challenges to play the solo part with the warmth, expression, and attention to phrasing it demanded.

The final piece before intermission was the *Symphony for Wind Instruments*, a 30-minute-long work in its Boston premiere. The com-

poser, Paul Dickinson, currently a graduate student at Northwestern University, wrote this wonderful and expansive symphony at the age of 19.

Alan Pierson '96 conducted the performance in the Bernstein tradition, and was as much a visual delight to the audience as a leader to the performers. His passionate physical expression drew out the many contrasting feelings of the piece, and he communicated to both the audience and the performers the full gambit of emotions present in this excellent work.

Even where the band struggled with the technical demands of this challenging and massive piece, particularly in the third movement's double fugue, Pierson's panache captured the spirit of the work: haunting and melancholy at one moment, boisterous and light by the next.

The Band performed exceedingly well in the thrilling and furious second movement, which featured some excellent performances from the percussion section, and Pierson managed to keep the excitement and energy climbing until the last note. I felt that his performance of the Symphony was the finest moment of the program; judging from the audience's response, I was not alone in this assessment.

The second half of the concert opened with the *Mass*, a textless five-movement setting of the full Mass Ordinary by Adrian Childs '94.

The composition was a fascinating combination of ideas gleaned from the composer's study of the Medieval Mass, and his use of compositional techniques of 20th century music.

In this sophisticated work, Childs achieved a variety of effective textures, especially the contrast between passages which featured several solo players and sections for the entire ensemble. Childs ingeniously found ways to subtly weave the opening "Kyrrie" theme throughout all five movements. Although some of the solo players lacked polish, the band performed well here under the composer's baton.

For a finale, the Band performed "Three Sussex Sketches," by Jeffrey Bishop. This piece was the least intelligently composed of the works on the program. The orchestration often seemed ineffective and hashed together. As in the first piece, the band was unable to effectively handle some of the most difficult writing. However, with its use of familiar tunes and special effects involving off-stage players and unusual instruments' sounds, it served as a rousing finish to a truly excellent concert.

This performance demonstrates the wealth of musical talent present at MIT, and it is to the credit of Director John Corley that he has chosen to provide an atmosphere where this talent can flourish.

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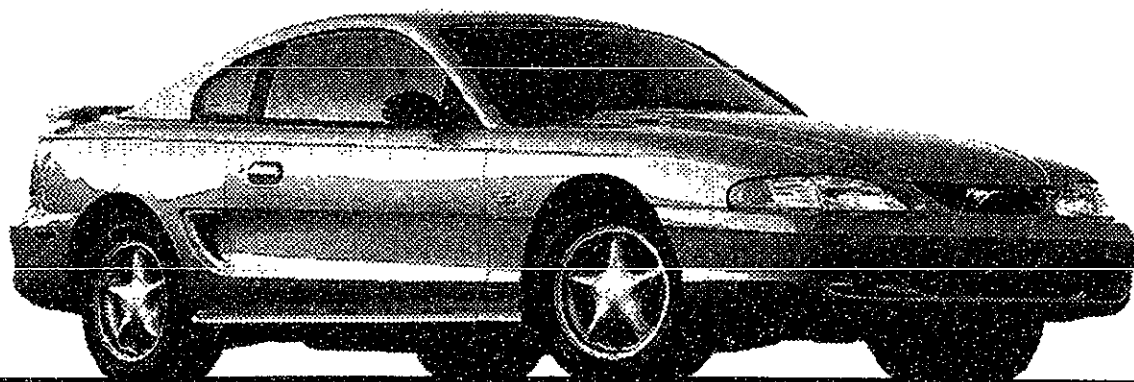
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More than merely music, gamelan is an experience

ZIPORYN BRINGS JAVA TO BOSTON

By Christopher Chiu
STAFF REPORTER

If you look in Webster's Dictionary, you will find the following entry: gamelan \gam-e-lan\ n. [Jav] 1: a Javanese instrument resembling the xylophone 2: a flute, string, and percussion orchestra of southeast Asia.

Most people would find that to be an adequate explanation. This would be a pity, for in reality, this definition is far from complete. A gamelan is an orchestra, and more. With the

help of Professor Evan Ziporyn and Aaron Woolsey '95, here is a more complete outline of just what a gamelan is.

Let's start with this second part of the original definition, which says that a gamelan is an orchestra. It is native to Indonesia, and includes several key instruments: two gongs, 20 metallophones, two drummers, a beatkeeper, and a dancer (optional). In order to understand what part each instrument plays in this orchestra, however, you have to understand some of the ground rules — the structure of the music, to be exact.

This is where the definition of a gamelan requires some expansion. The music played in a gamelan is quite different from most forms of Western music. For one thing, Western music tends to be linear and highly rigid in structure. A piano sonata, for example, consists of a primary theme (exposition), a development group where the theme is broken down and expanded upon, a restatement of the

theme, another development group, a restatement of the theme, and an ending (coda). A typical rock/pop song will have a verse section, a bridge, a chorus, a solo section, and the chorus all over again. What is important is that the order is not easily changed in either of these pieces; this is not the case with the gamelan.

The music played by a gamelan is cyclical. It is much like a palindrome: it can be played backwards or forwards and still sound the same. This is because each piece is balanced; the melody or theme that begins the piece will also be the melody that ends the composition. Any idea that is played in an earlier part of the piece will be repeated during a later portion. Repetition is a very important part of this musical form, much more so than in Western music. This repetition comes in cycles that are delineated by the gongs. Much as the rising and setting of the sun mark the start and the end of a day, so the gongs mark when a theme will be played or repeated, depending upon where the ensemble is during the course of a piece.

The metallophones are much like xylophones, only they are all set to different registers and are tuned in pentatonic scales. The lower metallophones provide the core melody, while the higher ones play parts that revolve around this central theme. The highest two metallophones have their own special relationship; their melodies often interlock, with each playing alternating notes. In this way these two instruments may sound like just one instrument, played twice as fast.

This arrangement of the metallophones points to another chief characteristic of game-

lan music: stratification. Each instrument has its own pattern to play, but some instruments are more important than others. In this case, the metallophones in the lower registers take precedent over their higher tuned counterparts.

The drums take this idea of stratification one step further. Their playing affects the volume level of the ensemble. If they speed up, the gamelan must get louder; if they slow down, then the ensemble must get softer. Furthermore, if the drummer stops, so must the orchestra. Thus the metallophone players must pay very close attention to the drummer; otherwise the gamelan may get out of control. In theory, the drummers provide a link between the metallophones and the dancer, who only appears in some pieces.

One instrument that is always present, however, is the beatkeeper. His role is vital to the gamelan, for he, even more than the gongs, keeps the tempo. No matter how fast, slow, loud, or soft the orchestra gets, he must keep the beat constant. He is like the atomic clocks against which all other clocks are set; everyone including the drummers must pay attention to his pattern. A good beatkeeper is absolutely essential to the group. If he fails, the whole ensemble will not only fall into chaos, but will grind to a halt — and with frightening swiftness.

At last, we come to the dancer. The primary responsibility of the dancer is to serve as a liaison between the group and the audience. He often tries to provoke his audience to respond to him. This behavior often takes the form of a play, generally based on a well-

known story or fairy tale. However, this fable may be warped or altered to include current events, extra details, or even jokes, all for the entertainment of the audience.

Furthermore, the audience is not limited to simply watching the performance. When the gamelan performs, it is usually done outdoors, in an informal atmosphere, so the audience may bring food and drink, bask in the sun, laugh at the dancer's inside jokes, or converse with fellow listeners — a truly enjoyable experience.

Thus, through the dancer's role we can see the one final distinction between Western music and gamelan music. In the West, most musical performances are non-interactive; the audience is expected to be passive and to remain silent until the concert has ended. For example, in a piano recital, the audience does nothing but look at the pianist until he is finished. Any other action, such as eating or laughing, is considered rude and inappropriate.

This then is a more complete description of a gamelan, but words cannot explain the power of this orchestra and its performances. To fully understand the gamelan and its music, you must go to a concert and experience everything for yourself. MIT now has its own gamelan named Galak Tika — one of only a handful of such groups outside of Indonesia — led by Professor Ziporyn. This ensemble was formed only three years ago, and their next concert will be at 8 p.m. on March 30 in Wellesley's Jewitt Center. Check them out!

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Have a say in recognizing those professors and teaching assistants who have made an outstanding contribution to your graduate education! To nominate a professor or teaching assistant, please fill out this form and provide a statement below to support your nomination, attaching additional sheets if necessary. Providing specific information regarding the ways in which the instructor was effective, i.e. in lecture, recitation, and/or office hours, would be especially helpful and beneficial to your nominee. Specific examples supporting the qualities cited in your nomination would also be helpful.

Simply mail the completed form to the GSC, Room 50-222, or send your nomination by e-mail to gsc-awards@mit with all relevant information. All nominations must be received by **Thursday, April 7**. Inquiries can be made via e-mail to gsc-awards@mit. Nominations will be accepted for courses taught in the following three terms: Spring 1993, Fall 1993, and Spring 1994.

Your Name: _____

Instructor's Name and Dept.: _____ / _____

Type of Instructor: Professor TA
(Circle one)

Name/Number of Class: _____

Term when class was held: Spring '93 Fall '93 Spring '94
(Circle one)

Statement of Nomination: _____

Please use back of this page or attach additional pages if needed. Thank you for your nomination.

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Recommended Qualifications:

- Supervisory experience.
- Demonstrated problem-solving abilities.
- Strong interpersonal and leadership skills.
- Strong quantitative skills.
- Familiarity with computerized databases.
- Strong organizational skills.
- Flexibility in working hours.
- Ability to organize and prioritize work.
- Ability to manage and motivate employees performing result-oriented tasks with standardized goals.

A team of two to three supervisors will be hired and will have the responsibility for covering all student calling shifts throughout this project. Calling shifts will be held on Sunday from 3-9pm and on Monday-Thursdays from 6-10pm. Supervisors will be expected to arrive 30 minutes prior to each calling shift to set up for the nightly calling session and will be expected to stay 30 minutes after calling to complete nightly reports. Supervisors will also be required to attend weekly staff meetings that will take place at a mutually convenient time. Each supervisor will be expected to work an average of 15 hours per week beginning at the end of March and continuing until early May. Supervisors will be paid at a rate of **\$12.00 per hour**.

Supervision of student telephone fundraisers is highly demanding and requires a great deal of self-motivation, "people skills", and superb organizational abilities. Because the calling work force is exclusively made up of part-time students whose priority is education, a great deal of supervision and motivation is required to maintain a positive and productive environment. This work is done primarily in the evening and weekends and demands a flexible approach, common to goal-oriented managers.

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UROP

MIT Laboratory for Computer Science
UROP Summer Studies Program, 1994

This summer program is intended for undergraduate students who are interested in participating in research projects in the Laboratory for Computer Science. Although no prior experience is necessary, pay under this UROP Summer Studies Program is commensurate with experience, and the program is open to all undergraduates not currently or formally associated with the Laboratory. Students are expected to continue work in the fall semester (either for credit or for pay). We hope to identify creative and energetic undergraduate students interested in computer science and to encourage their development. An information meeting will be held:

Friday, April 1, 1994, NE43-518 4:00 pm

If you are unable to attend but are still interested in the program, send e-mail to melissa@hq.lcs.mit.edu.

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Nielsen's humor is brainless in the grand old tradition

NAKED GUN 33 1/3: THE FINAL INSULT

Directed by Peter Segal.
Written by Pat Proft, David Zucker,
and Robert LoCash.
Starring Leslie Nielsen, Priscilla Presley,
George Kennedy, O.J. Simpson,
and Fred Ward.
Loews Cheri.

By Scott Deskin
ASSOCIATE ARTS EDITOR

You can say this for the *Naked Gun* trilogy: it's not pretentious, and it doesn't strive to be good art. But that doesn't prevent its newest installment, *Naked Gun 33 1/3*, from poking fun at pictures that typify art and pretentiousness. Case in point: the first sequence of the film opens in a train station with a long cascade of marble steps. An obvious parody of Brian DePalma's *Untouchables*, which itself was a nod to Sergei Eisenstein's "Odessa Steps" sequence in *Battleship Potemkin*, it sets the standard for gags, jokes and pratfalls which crop up in the rest of the film. The hapless Lieutenant Frank Drebin (Leslie Nielsen) and his fellow officers single-handedly try to save not one, but three babies in carriages while battling irate mobsters, terrorists, and postal workers.

One would expect a film of this caliber to go downhill quickly after such a sustained comic opening, but it does surprisingly well for itself. The plot (or semblance of plot) finds Drebin finally married to his romantic interest of the previous two films, Jane Spencer (Priscilla Presley). Presley's no great actress,

but she takes advantage of her semi-clueless character to create some light banter with Nielsen and play off some of the situations as well. For instance, her innocent longing to have a baby, balanced with her no-nonsense career as an attorney, is typified by a scene in a courtroom where she is surrounded by people comforting their crying, puking infants. In another scene, she leaves Frank after she suspects some infidelity and takes off cross-country with a friend, *Thelma and Louise*-style.

As with the former *Naked Gun* films, most of the gags are justified by confrontations with the villain, this time an imprisoned terrorist explosives expert, Rocco (Fred Ward). When Police Squad learns that something is afoot, they lure Drebin out of retirement and a househusband's domestic bliss to investigate. His first lead takes him to a "health clinic," later revealed as a sperm bank, to obtain some information from one of the criminal cohorts named Tanya (supermodel and 1993 Playboy

Playmate of the Year Anna Nicole Smith). He later goes undercover into prison with Rocco to learn more of his plans and to act as one of Rocco's accomplices in the breakout and the bombing. All of the rapid-fire, hit-and-miss amusements apply, but these scenes in prison are probably the ones that glean most of the magic from the Zucker-Abrams-Zucker mystique.

After the breakout, things go a little bit downhill. The culmination of Rocco's efforts, the bombing of the 66th Academy Awards, is executed with too much finesse and glitz and comes up short with the sight gags, eventually resorting to Drebin crashing the festivities with physical disaster and a heavy reliance on bathroom humor. Probably most disappointing is that Fred Ward, a normally superb actor, is wasted in his flat role as Rocco. The other disappointments were George Kennedy and O.J. Simpson as Drebin's inept partners at Police Squad: Simpson, whose sadistically funny brushes with accidental death in the first two films provided additional amusement, walks around cluelessly and humorlessly (aside from the first sequence). Both actors were simply given too little to work with in this sequel and probably just came back for the money.

However, if you like your comedies unsophisticated, and if you are a fan of the series, *Naked Gun 33 1/3* won't disappoint. The sheer number of sight gags and cameo appearances (including "Weird Al" Yankovic, in his third "Naked Gun" role), along with the appeal of Nielsen, makes for an equally good (and mindless) effort. Just don't forget to check your brain at the door.



Lt. Frank Drebin (Leslie Nielsen) takes hostage his own wife, Jane Spencer-Drebin (Priscilla Presley), while attempting to thwart an unconscionable terrorist plot in *Naked Gun 33 1/3: The Final Insult*.



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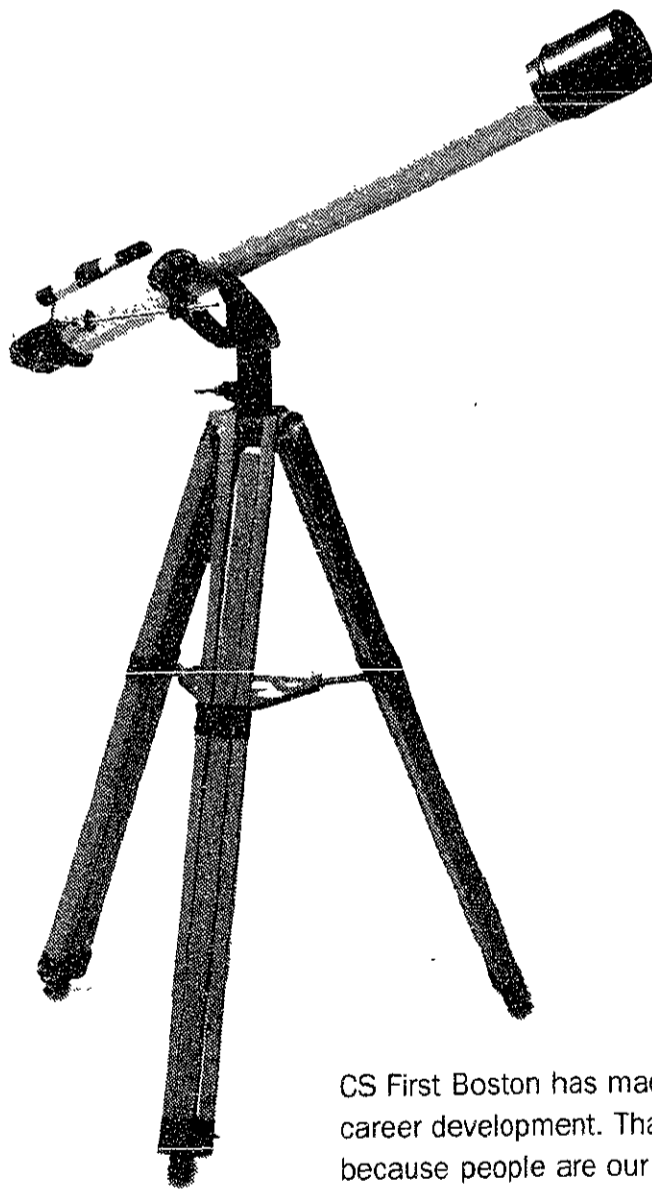


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Additional Skills: Strong analytical and interpersonal skills are required. Knowledge of the financial markets and/or computer programming is a plus.

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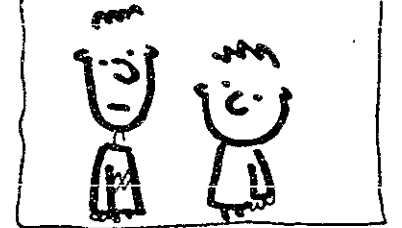
Jim's Journal

by Jim

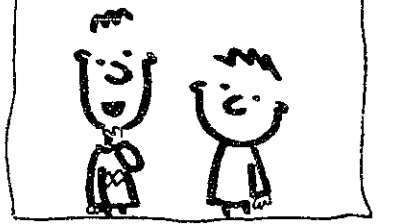
Today Tony asked if I thought he should grow a beard.



I said I didn't know.



He said he thought he'd look more dignified with a beard.



"You know, like that one actor," he said, but I didn't know what actor he was talking about.



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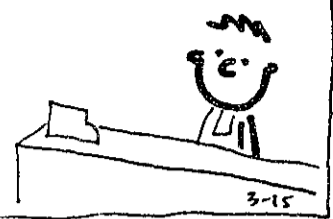
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Jim's Journal by Jim

Today I worked at the copy store.



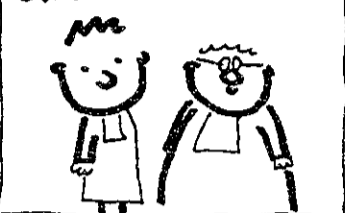
Dan was working there too.



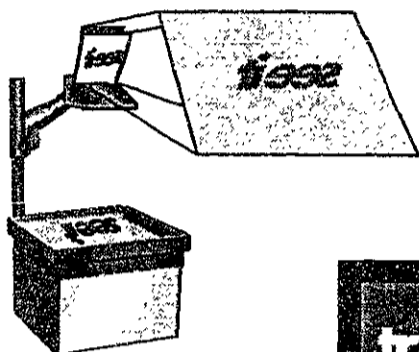
I realized I hadn't worked with Dan in quite a while.



Just as I was thinking that, he said, "I haven't worked with you in quite a while, Jim."



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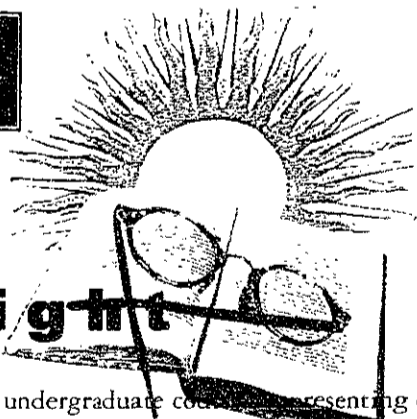
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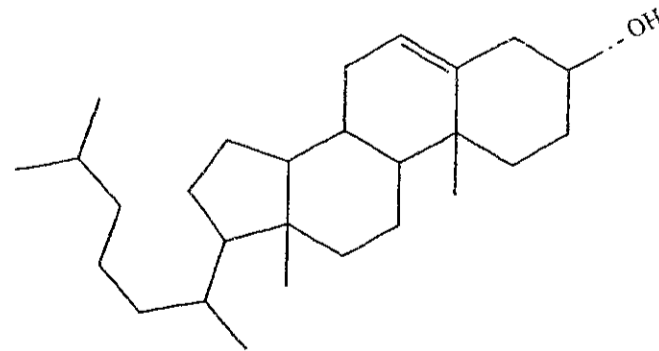
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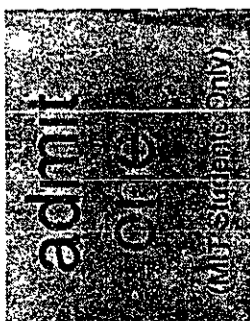
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New UROP Guidelines Upset Students, Faculty

UROP, from Page 1

employee benefits, but they don't get employee benefits," McGavern said.

Students, faculty dismayed

Both students and faculty agree that the new policy will have serious negative effects.

"It will kill the UROP program," said Sami M. Shalabi '97, who holds a UROP at the Media Laboratory. "In a meeting last week at the Media Lab, they mentioned that

UROPers will get too expensive to employ, and it will be cheaper for the Media Lab to employ only post-docs," he said.

"The latest decision to burden UROP salaries with overhead and benefit costs will have far-reaching and very unpleasant consequences for both students and faculty alike," said Professor Walter H. Lewin, in a letter to the Faculty Newsletter.

He said overhead and employee benefit costs will cause the cost of each of his UROP students to jump from about \$6,000 to about \$14,000.

"I can no longer justify in my grants the hiring of an undergraduate student," he said.

"Two such UROP students would be equivalent (financially) to about one graduate student, yet one graduate student in general produces much more science," Lewin said. "The result, therefore, will be that I will no longer employ UROP students nor will I have senior thesis students." In the past, Lewin has employed three UROP students each term.

"Our own UROP funds will be

affected," McGavern said. She fears that under the new measures, the UROP office will not be able to maintain current UROP funding levels. The ability of the UROP office to help fund students will be affected by how supervising faculty react to the new rules, McGavern said.

"What are the faculty going to do? Are they going to encourage their students to work more during June" while costs are still low, or "are they going to ask [the] UROP [office] to cover the cost?" asked McGavern. "Are the faculty going

to give up [hiring undergraduates]? We don't know," she said. "How much of all this we can cover with our funds is hard to say."

The UROP office will still favor students continuing a spring UROP and students with a responsible UROP track record. Faculty enthusiasm and willingness to help fund students, support from the department UROP coordinator, and clear, convincing proposals will also be considered, according to the UROP office guidelines.

**** ATTENTION 1994 MEDICAL SCHOOL APPLICANTS****

The Office of Career Services and Preprofessional Advising will be holding a meeting on the "Application Process" for those of you who are applying to medical school this year. It will be held on:

**Thursday, March 31
at 10:00 AM
in Room 4-163**

If you have any questions, please call 253-4737 or drop by our office in Room 12-185.

MIT Not Told of Leak At Beginning of Lease

Huntington, from Page 1

However, Janel assured residents that the ground water contamination will not affect residents' drinking water, which comes from the Quabbin Reservoir in western Massachusetts.

Huntington residents first learned of the contamination issue on March 16 in a memorandum from Paul McCaffrey, vice president of student affairs at MCA. The

results of the tests were presented at a mandatory residents' meeting on March 23, during MIT's spring break.

In his letter, Eisenmann said that McCaffrey apologized for scheduling the meeting during the break, and has offered to hold another meeting.

"We [MIT] first heard about [the testing] this past Tuesday afternoon," Eisenmann said. "It did take a long time for the information to get to MIT."

"Honestly, we don't know what's going on," said Huntington resident and Undergraduate Associate Vice President Anne S. Tsao '94. Some Huntington residents "just don't understand the impact of all of this," Tsao said.

While there have been health problems, it is "too hard to say if these health issues are related" to the air contamination, Tsao said. Possible side effects of the contamination include dryness of the eyes and throat and sinus problems, she said.

"I see the problem as something that needs to be looked at. We only did one sample, so we have to do some additional sampling to see if that is a valid number," Janel said. Wentworth plans to test five additional locations today, she said.

Environmental Medical Services Director Charles E. Billings said his office is analyzing further tests performed by MIT last Thursday. They will determine the level of contamination and decide on "the next logical course of action" in consultation with the housing office, MIT administrators, and students, Billings said.

Eisenmann said that MIT would be "more aware of this kind of thing as a potential concern" when buying or leasing dormitory space in the future.

High benzene levels

A benzene concentration of one part per billion was found in the tested television room. The Massachusetts allowable ambient limit for benzene is 0.04 parts per billion, according to Janel. The concentrations of the other chemicals were within the limits.

However, the allowable ambient limit for benzene is based on a lifetime exposure — 24 hours a day, 365 days a year, for 70 years, Janel said. "For workers who might encounter benzene on the job, the allowable exposure level for 40 hours is one part per million," Janel said, which might reflect a more accurate allowable exposure level for students.

The allowable level for workers, which is 1,000 times higher than the levels found at Huntington, is "not expected to produce any negative health effects in workers," Janel said.

Everett Moore Baker Memorial Foundation and the Award for Outstanding Teaching

On December 8, 1950, on the way back from a humanitarian trip to Egypt, Everett Moore Baker, then Dean of Students at MIT, died when his plane crashed onto the desert. During his tenure at the Institute he made such impact on undergraduate life that the students of MIT wanted to keep the memory of his name, his work, and his spirit alive, so that generations of students who had never had to opportunity to meet this man could remember his contributions to improving life at MIT.

Thus the Everett Moore Baker Memorial Foundation was born.

The purpose of the Foundation is to implement programs to improve the life of undergraduate students. Among other legacies, the Foundation helped to start Freshmen Associate Advising. More recently, we were involved with advocating the placement of more signs around the Institute to help freshmen, visitors, and others new to the campus, in getting around our confusing system of interconnected buildings.

Perhaps the best-known of our current projects is the *Everett Moore Baker Award for Outstanding Teaching*. It is fitting that the only teaching award presented each year to faculty chosen by undergraduates bears the name of Everett Moore Baker, for the quality of teaching at MIT has a great impact on our undergraduate educational experience.

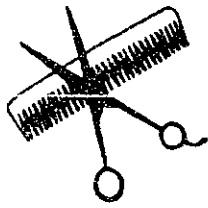
The life of a professor at MIT is not an easy one -- like students, they often have to deal with pressure from many directions and juggle their different academic responsibilities. Consider acknowledging your professors that you feel have paid noteworthy attention to their teaching responsibilities by nominating them for the Baker Teaching Award.

Nomination forms will be arriving in your mailbox soon. If you have any questions, are interested in joining the Baker Foundation, have any project ideas which you would like to see carried out, or would like to email your nomination to us, please contact the Foundation members at baker_foundation@mit.edu.

Nominations must be RECEIVED by: Friday, April 8TH

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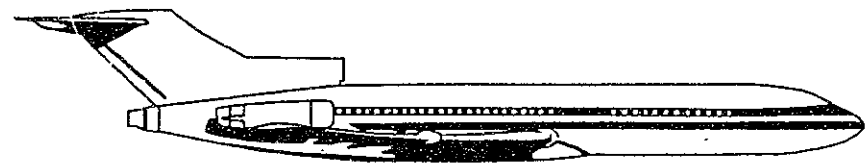
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For further information contact M.I.T. Hillel #253-2982

Candidates Promise Fun, Academic Goals

GSC, from Page 1

ments to have representatives," he said. The GSC also needs to make being a representative "more attractive."

Vice President

GSC Vice Presidential candidate Joseph J. Bambenek's principal motivation is to "help make MIT better," he said. His priorities would be to fill graduate student vacancies on Institute committees, "fill the gaps," and help out in other GSC efforts. He would also like to have graduate dormitories fitted with ethernet connections.

Assef A. Zobjan G said he feels that being vice president can be less time-consuming than being president, but is still effective. He also would like to increase student involvement in the GSC, but recognizes that many don't participate because they "feel a high level of satisfaction" with things as they cur-

rently are.

Zobjan supports the notion of department level councils, saying they could organize such things as social and sports events and career seminars.

Treasurer and Secretary

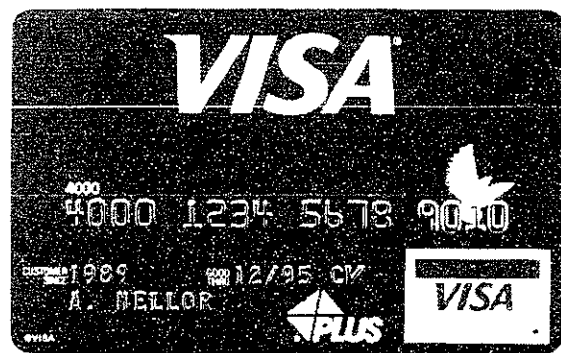
Patrick S. Wojdowski G is the only candidate for treasurer. He does not have any specific platform, but said his priority, if elected, would be to sponsor many activities to "get graduate students together," and to address their concerns as they arise.

Susan L. Ipri G is the sole candidate for secretary. She said she would strive for "improved involvement and awareness of the GSC on campus" and make the GSC a genuine representative of the student body.

Ipri advocates printing a monthly newsletter to keep students aware of GSC issues and activities. She also cited weekly Tech advertisements as being instrumental in keeping students informed.

Ipri also feels that the GSC's focus should be more toward academic and policy issues. She sees health care and the source and management of RA support among important upcoming issues.

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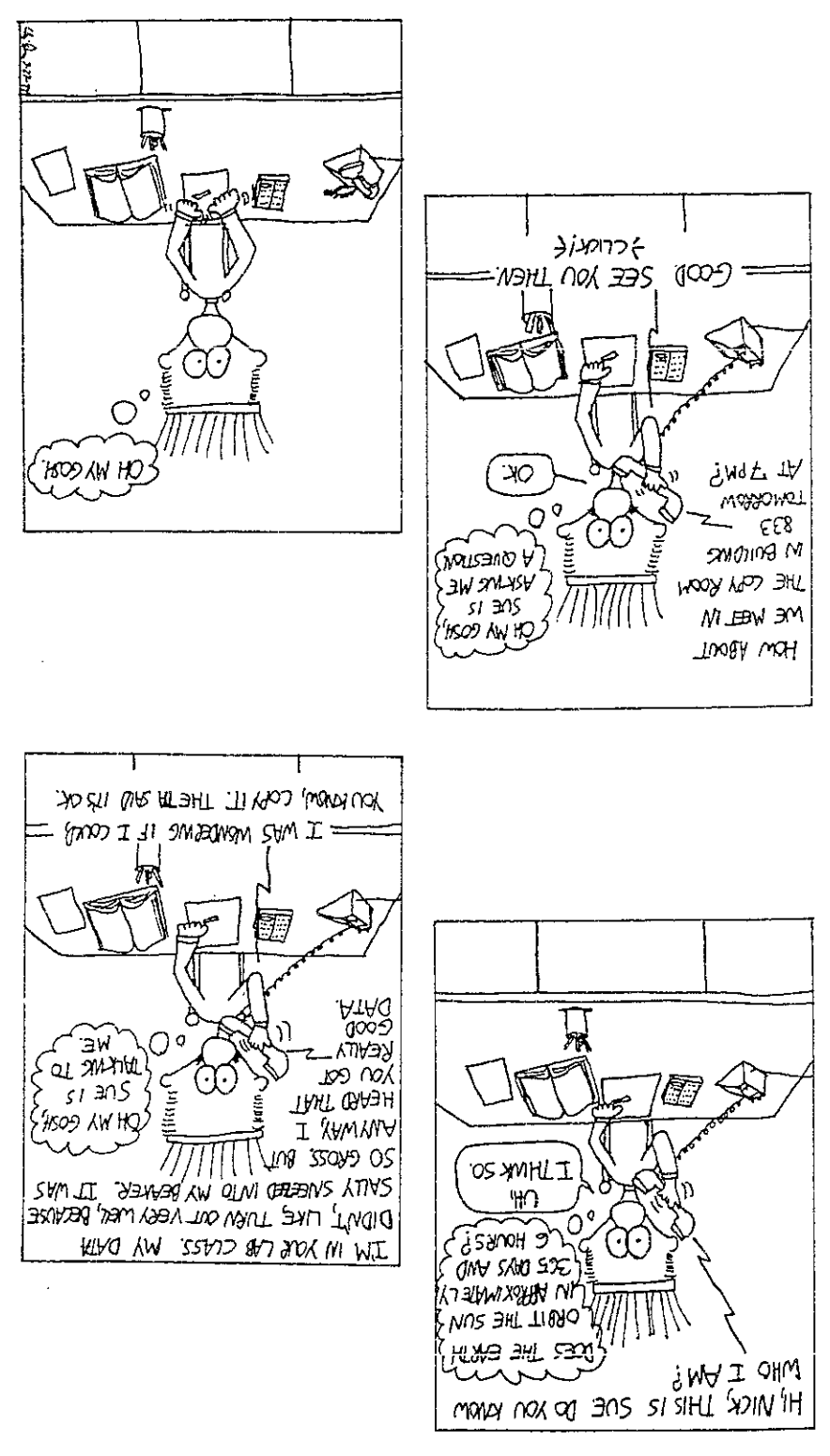


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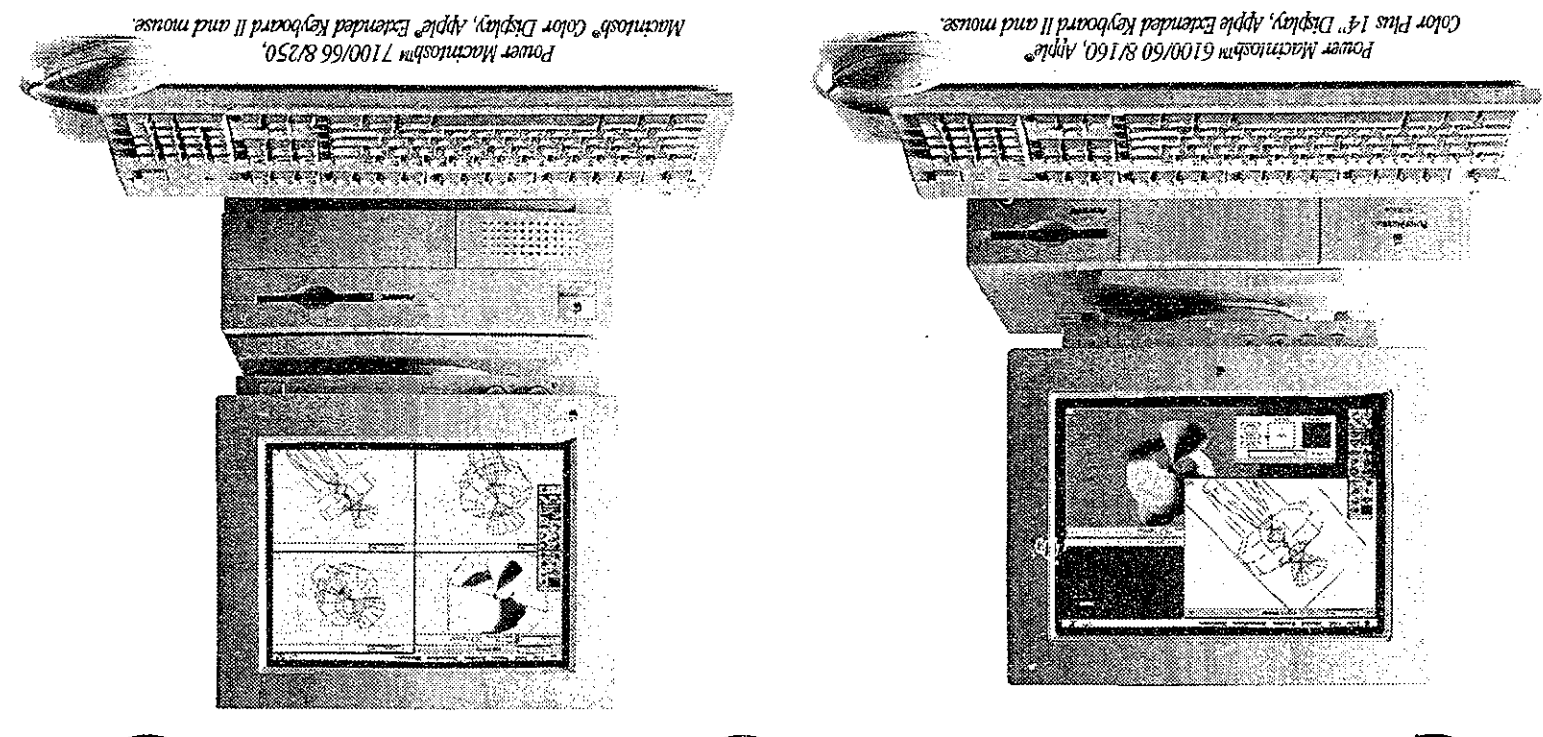
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By Chris Doerr



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- Events
- Help Wanted
- Positions Wanted
- For Sale

- Housing
- Services Offered
- Lost & Found
- Greeks

- Travel
- Information
- Clubs
- Miscellaneous

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Events

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Architecture Culture and Technology

Lectures: March 30: Nader Ardalan, Principal, Jung-Brannen International, "Transcendental Architecture," 6 p.m., Bldg 3-133. March 31: James Cramer, CEO & Vice President, AIA, "Architecture Practice: An International Perspective," 6 p.m., Bldg 3-133. For more information, call 258-8438.

Help Wanted

Associate Advisors: Work closely with a member of the faculty/staff, help freshmen adjust to MIT's social and academic demands, impart wisdom and become a role model. Applications available in UAA, 7-104/3. Due: Thurs., March 31. Information meeting Tues., March 29, 7 p.m., 4-163.

Counselors for prestigious children's summer camp in Maine who possess strong skills in tennis, baseball, lacrosse, fishing, archery, crew, nature study, photography, wind surfing, sailing, canoeing, kayaking, martial arts, basketball, horseback riding, gymnastics, art, piano, drama, canoe trip leader, and WSI swim instructor. References and interview required. Telephone: (617) 721-1443. M-F, 8:30-5:00.

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Student Worker Needed for Interlibrary Services. Duties include processing ILB books, notifying users, preparing books for mail. Hours: 2 hours per day, 5 days week for a total of 10 hours. \$6.85/hr. Contact Michael Pavelecky, 3-5684; michael@mit.edu

Summer Jobs: \$9.10/hr. or commission. Advertising sales. Sales experience helpful but not necessary. Training provided. Work close to MIT. Call Steve Gorman at (800) 469-3510 for details & applications. Metro Marketing Group.

Summer Resort Jobs: Earn to \$12/hr. + tips. Locations include: Hawaii, Florida, Rocky Mountains, Alaska, New England, etc. For details, call: 1-800-807-5950 ext. R5033.

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Wanted: Creative and technically proficient undergraduate to fill financial analyst position at Interlaken Capital, Inc., a principal investment firm located in Greenwich, CT. For more information please refer to the job books at the Career Services Office or call Daniel Cromie at (203) 629-8750.

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Stuff for Sale: Women's shoes: Brown leather shoe-boots w/side zippers, size 10B, never worn, \$20; black suede pumps w/1 1/2" heels, size 8 1/2 B, worn once, \$15. Black wooden dresser, 5 drawers, 2'x4'x4', great condition, \$50. Call Marie at x3-8408 or mail marie@psyche.mit.edu.

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Sublet house or apartment from approximately May 30 to Labor Day for *Boston Globe* reporting interns. Multiple person dwellings only. Please contact Gina Maniscalco, Asst. to Editor, 929-3120.

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Legal Problems? I am an experienced attorney and a graduate of MIT who will work with you to solve your legal problems. My office is conveniently located in downtown Boston, just minutes from MIT via the MBTA. If your problem involves high tech law, consumer or business law, family law, real estate, accidents or litigation, call Attorney Esther Horwich at 523-1150, for a free initial consultation.

Proofreading/Editing Graduate student with proofreading and editing experience. Especially good with structure of arguments, improving clarity of writing, and ESL writers. \$15-20 per hour, depending on job. Call Maria, 617-262-2170.

Study Skills Workshops: "Test Taking Strategies" on Wed., March 30, 4-5 p.m., 1-132 and "Time Management" on Tues., April 12, 4-5 p.m., 8-105 offered by Undergraduate Academic Affairs. More info: x3-6772.

Greeks

Greeks & Clubs Earn \$50-\$250 for yourself plus up to \$500 for your club! This fundraiser costs nothing and lasts one week. Call now and receive a free gift. 1-800-932-0528, ext. 65.

Travel

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Be a Part of R/O '94! Here's your chance to get involved and have fun at the same time! Volunteer opportunities available for R/O committees, R/O counselors, and R/O workers. For information and applications stop by 7-103/4.

Miscellaneous

Donate Your Live Brain to Science! (well, for 15 minutes anyway...) The Dept. of Brain & Cognitive Sciences seeks subjects whose first language is American English for exciting psycholinguistic research. Pays \$3 for 15 minutes. Call Marie at 253-8408 or send e-mail to marie@psyche.mit.edu

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Free Classifieds

are still available for the issue on Friday, April 1!

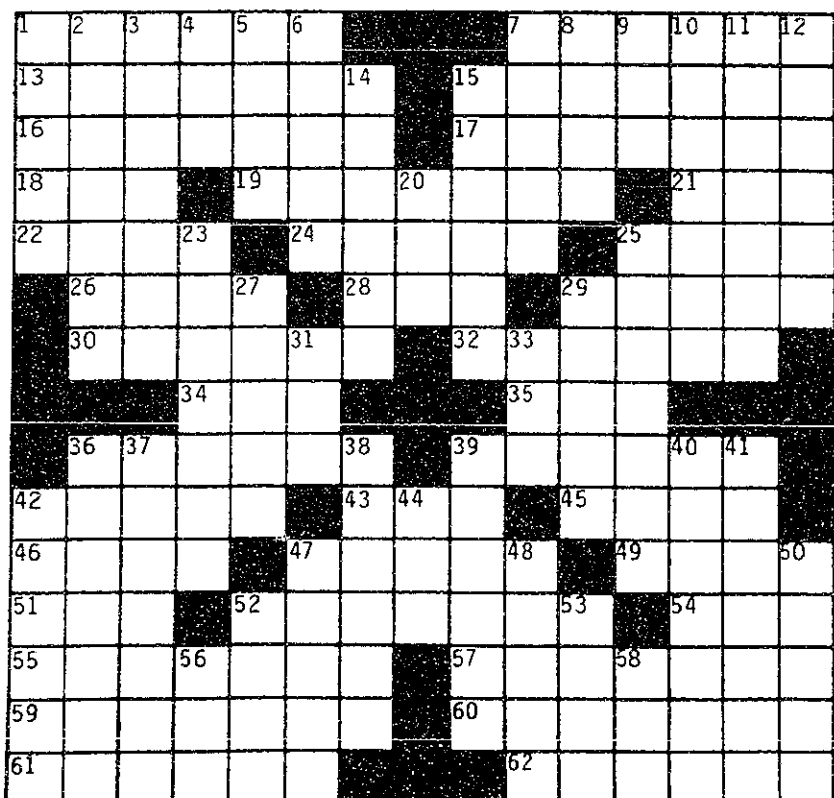
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collegiate crossword



ACROSS

- 1 Ledger column
- 7 Feminine titles
- 13 Food fish
- 15 ___'s Temple
- 16 Very learned
- 17 Offensive, as an odor
- 18 Family member, for short
- 19 Fallacious reasoner
- 21 Salton, for one
- 22 Jail (slang)
- 24 Actor Christopher
- 25 Magician's staff
- 26 Streets (abbr.)
- 28 Female sheep
- 29 Customs
- 30 Staircase posts
- 32 Landed proprietors (Scot.)
- 34 "___ Ding Dong Daddy..."
- 35 Literary monogram
- 36 Grand ___, Mich.
- 39 Repeat marks
- 42 Symbols of peace
- 43 Hawaiian staple

DOWN

- 45 Calendar abbreviation
- 46 Iowa college town
- 47 Unconscious states
- 49 Legal document
- 51 Golf term
- 52 Seemingly contrary statement
- 54 ___ Rita
- 55 Brubeck, for one
- 57 Richly refined
- 59 Locomotives
- 60 Sea cow
- 61 Walked unsteadily
- 62 Ranch workers
- 11 Instants
- 12 Golfers Sam and J.C.
- 14 Wigwags
- 15 Whine
- 20 Cut
- 23 Dries again
- 25 Type of yarn
- 27 Certain trucks
- 29 Chamberlain, et al.
- 31 "When I was a ___"
- 33 Greek nickname
- 36 Lettuce variety
- 37 Mean
- 38 Newspaper section
- 39 Crown
- 40 Run
- 41 Composer Max ___
- 42 ___ Dan
- 44 Pathological suffix
- 47 Inspected before robbing
- 48 Type of energy
- 50 Shows excessive fondness
- 52 Ponderosa ___
- 53 Prefix: foreign
- 56 Nothing
- 58 Hiatus

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