



Brent Nelson (center), head of MIT Police Association, tells two MIT students about the patrolmen's protest.

Policy group proposes alternatives to postering

By Linda D'Angelo

After one month of meetings, the MIT Postering Policy Group has proposed several alternative ways of publicizing student events on-campus, according to group coordinator Mark D'Agostino '90. The group will now enter the "getting-things-done-stage," in order to establish a new Institute postering policy, D'Agostino said.

So far, the main focus of the client group has been the discussion of ideas which, instead of falling within the poster policy itself, "run parallel to it," D'Agostino said. These alternatives would "provide a service" to the MIT community by "supplementing" the publicity of activities and events, he explained.

Allowing drop posters in areas other than Lobby 7 is one such alternative, with the stairwell between the first and second floors of the Stratton Student Center as one possibility. Although it is not currently being investigated by the group, this idea is "in the works somewhere," according to D'Agostino.

Since so many students pass through the dining halls each day, the group has also explored ways of effectively using this space to publicize student events. One suggestion is to print out activity calendars to be "used as place-

mats at Lobdell," D'Agostino said. This idea, which would encourage students to discuss upcoming activities with friends over lunch, will be discussed with ARA, according to Undergraduate Association Vice President and group member Andrew Strehle '91.

(Please turn to page 23)

AIDS victim gives first-hand account

By William Chu
and Kristine AuYeung

MIT students were presented on Thursday night with the opportunity to find out what having AIDS is like from a firsthand source. Sidney Borum, a Jamaica Plain resident who discovered that he had the AIDS virus one year ago, held an intimate discussion with over 60 students in an MIT classroom.

The talk was sponsored by AIDS Response at MIT (ARMIT) as the concluding event of AIDS Awareness Week. This was not the first lecture for Borum who has talked before various groups and high schools in the Boston area. Borum and other people with AIDS volunteer to speak through the AIDS Action Committee, which is how Kevin Rathbun, a member of ARMIT, arranged for Borum to speak.

Due to the lack of trained manpower and adequate infrastructure, developing countries have no real choice but to employ fossil fuels or hydropower, according to Blix. But the industrialized nations do have a choice, the nuclear power option, "and these are the countries that at present are responsible for 80 percent of the carbon dioxide emissions in the world."

Greenhouse effect

The environmental problem that continues to draw the most attention with regard to carbon dioxide emissions is the greenhouse effect, with an estimated 15 percent caused by chlorofluorocarbons (CFC's), 20 percent by methane and 50 percent by carbon dioxide.

Reducing or containing carbon
(Please turn to page 22)

CP union takes dispute public

By Reuven M. Lerner

The MIT Police Association took a four-month labor dispute public last weekend, distributing flyers and speaking with community members in front of Building 7. Campus Police Chief Anne P. Glavin responded in a statement yesterday, saying that the flyer was "misleading the MIT community."

According to Joseph Sarduli, an attorney who represents the Police Association in collective bargaining, the union contract "was set to expire on June 30." Since then, MIT and the Police Association have met "a couple of times a month" to try to resolve their differences, he added. The police officers' contracts had been extended at each of the meetings, Sarduli noted.

Neither James J. Fandel, MIT's manager of labor relations, nor William R. Dickson '54, senior vice president, could be reached for comment on the negotiations.

MIT Vice President Constantine Simonides '57, who heads the Personnel Department, agreed that it would have been nice "to have a new contract" when the old one expired, but noted that there were still "five or six unions" at MIT and Lincoln Laboratories without final contracts.

The Police Association flyer gave several reasons for the union's public protest. One, which was labeled "the danger,"

warned of street gangs who "would sooner blow you away as give you the time of day" and added that there were "only three patrol officers on the street" on the night of Oct. 7.

In both her statement and a telephone interview, Glavin rebutted the Police Association's claims, saying that "during the 'peak hours' of 6-11:30 pm, there were 'seven patrol officers,' in addition to a lieutenant and a duty sergeant who were

"often on the street." Similarly, she said, seven police officers had been on duty from 11:30 pm-2:00 am.

Sarduli said that while he had not seen Glavin's statement, the union had been "very careful in making that allegation," and that the number they quoted "was the number" of officers on duty that night.

Glavin refused, however, to comment on the threat of street

(Please turn to page 19)

Student Center 4th floor renovation plans started

By Cliff Schmidt

Plans to renovate the Stratton Student Center's fourth floor, which includes the offices of many students activities, are finally underway, according to William Robert '90, president of the Association of Student Activities.

Fourth floor space is currently being used very inefficiently and many rooms could be rearranged to provide more room for other activities, Robert said. But "no activity that currently has space [in Stratton] will lose its space," he added.

The only consequence that the renovations will have on student activity office space, according to Robert, is that more offices will be open for more activities.

But the renovation plans have generated a number of complaints recently from student activities who do not have office space in the Student Center. The concerns raised by these activities include the degree of student involvement in the fourth floor renovations, the maintenance and future of student activity office space in Walker Memorial, and plans for the razing of Building 20.

Renovation plans

Working with Dean for Student Affairs Shirley M. McBay and Associate Dean for Student Affairs James R. Tewhey, Robert said he plans to have the renovations take place in two phases. The first phase, which will begin this term, will involve general work on such things as the ventilation, lighting, and electrical systems. The second phase will begin early next term and will involve rearrangement of current space and the allocation of any extra space that is created.

To decide how space is to be rearranged and allocated, a client group has been assembled consisting of Phillip J. Walsh, director of the Campus Activities Complex; Victoria V. Sirianni, assistant to the director of Physical Plant, who will work with an architect; Andrew Strehle '91, vice president of the Undergraduate Association; and Robert.

The client group is inviting ev-

(Please turn to page 21)

Atomic agency head calls for increased nuclear power use

By Gaurav Rewari

"We shall not only need to keep the nuclear power capacity that exists, but also . . . considerably expand it," declared Hans Blix, director general of the International Atomic Energy Agency, in the 1989 David J. Rose lecture in nuclear technology held yesterday.

Blix noted the world-wide existence of escalating energy needs, especially in the Third World. Developing nations show an energy usage increase of around eight percent annually, he said.

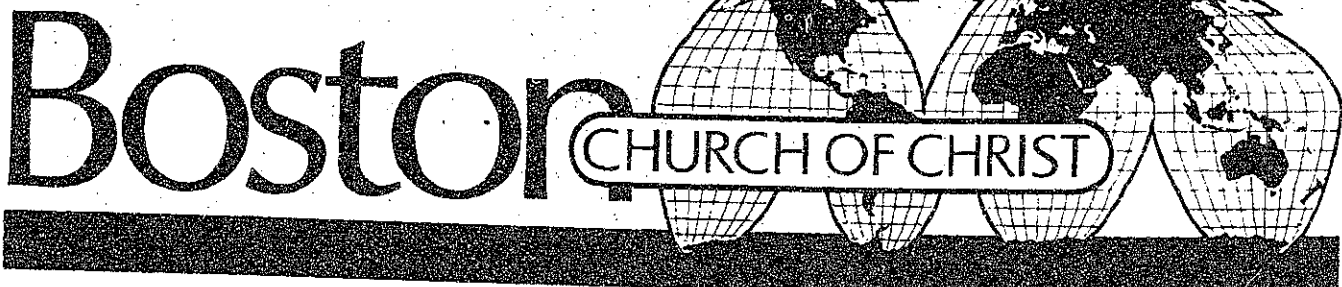
In consideration of environmental concerns, Blix cited nuclear power as one energy source that does relatively little damage to the environment. If the demands for energy are to be met today, he declared, the real and hard choice is between fossil and nuclear fuel.



The MIT Muses serenade Barry Franklin during their Parent's Weekend concert Friday.

William Chu/The Tech

BCC tactics raise questions about "mind control"



Analysis

By Seth Gordon

(Third in a four-part series)

According to the Cult Awareness Network, the Boston Church of Christ is a cult if it uses "mind control" techniques.

Al Baird, the BCC's lead evangelist, denies that he even knows how to control people's minds. "I have three daughters that lived at home for 17 years and I never was successful there." Citing Romans 7, he preaches that everyone's mind is either controlled by God or by Satan.

Baird and Kip McKean, his leader, claim that the first-century church suffered similar accusations. In Acts 24:5, they observed, a lawyer called the apostle Paul "a ringleader of the Nazarene sect." Sect, according to the BCC's leaders, is another word for cult.

Some psychologists also reject the concept of "mind control." According to Thomas Szasz, "A person can no more wash another's brain with . . . conversation than he can make him bleed with a cutting remark."

Psychiatrist Robert J. Lifton, and many of his colleagues, disagree with Szasz. Based on his research of American prisoners of war who were "brainwashed" during the Korean War, Lifton drew up eight criteria for mind control which are commonly used in the anti-cult movement. Critics charge that three in particular apply to the BCC.

Mind control?

Milieu Control: This refers to control of communication, especially communication with the outside world. Psychological research shows that even outside of a cult, unanimous peer pressure will lead many people to lie about their own perceptions.

Unless it is for the purpose of evangelism, contact between BCC disciples and non-disciples is minimal. (Family members may be an exception to this rule.) BCC members are discouraged from talking to ex-disciples who

have resolved not to rejoin the church. Byron Stewart '89, the leader of the MIT House Church, would not refer me to ex-disciples at MIT. Ose Manheim, a disciple who used to work at MIT, fears that some ex-disciples could manipulate new converts into "thinking critically."

Mystical Manipulation: Lifton also calls this "planned spontaneity." For instance, according to ex-disciple Peter Simon (not his real name), BCC leaders tailor Bible talks to suit prospective disciples. Some prospectives would then take this as a sign that God was working in their lives through the Bible Talks.

should have no secrets from their disciples. They also write prayer requests, distributed to others in their House Church, asking that their brethren help them overcome specific sins.

Critics say that these confessions are used against disciples who are thinking of leaving the church. For example, if a disciple has confessed to masturbating, and later becomes critical of the church's doctrine, other members would ask, "Have you been tempted to masturbate lately?"

Personality changes

In 1985, the BCC's elders invited psychologist Flavil Yeakley, Jr., head of the Church Growth

within the church, he said, is so great that many disciples falsify their "basic personality types," like left-handed children who are forced to use their right hand.

For example, of the over 800 disciples surveyed, 35 percent felt they were extroverted five years before they took the test, while 95 percent felt they would be extroverts after five more years of discipling. In general, he said, disciples were converging toward personality type "ESFJ" (extroverted, sensing, feeling, judgmental), one of 16 possible types.

McKean argued that since the BCC is trying to make its disciples imitate Jesus, Yeakley's research proves that Jesus was type ESFJ. Yeakley disagrees; he thinks people of all types can imitate different aspects of Jesus' life.

Later, Yeakley gave the same test to members of six mainstream religions, including the mainstream Churches of Christ, and six alleged cults, including the Church of Scientology, the Hari Krishnas, and the Unification Church ("Moonies"). Similar personality changes occurred in the alleged cults, but not the mainstream sects.

Simon claimed that there is a "group dynamic" in the church which is partly independent of the church leaders. For example, he said, imagine that you are a BCC disciple. You might decide, without being prompted, that you are eating too much. Overeating, according to church doctrine, is a form of the sin of debauchery. So you skip a meal and pray instead. In doing so, you'll



Al Baird, lead evangelist of the Boston Church of Christ.

Therapists argue about whether or not "mind control" exists.

Disciples should keep no secrets from their disciples. Their confessions may be used against them when they become critical of the church.

Simon described the following scenario for a BCC dating relationship. A man and a woman in the church will be matched by church leaders. "You get the female discipleship partner to say, 'Hey, that brother really likes you.'" The male discipler will allegedly do the same. After a date, the man's discipler will tell the woman's, "My younger disciple says that your younger disciple needs to wear these kind of high heels. . . ." The female discipler will then advise the woman on how to act. "With that kind of control going on," Simon concluded, "it's no wonder there are no divorces in the church."

Asked about "Christian dating" in the BCC, Manheim described no such process. One church bulletin article, "Dating to Glorify God," does say, "The right way to advance your relationship is advice . . . [especially] from your house church leader and discipler."

Confession: BCC disciples do not only give their disciples commands, but hear them confess their sins. Furthermore, this confession is mandatory; disciples

Institute at Abilene Christian University, to study the BCC. Over one fourth of the disciples in his survey misspelled their disciples' names. "That does not sound like the kind of relationships where intensely personal self-disclosure would be appropriate," he remarked.

Al Baird, the BCC's lead evangelist, denies that he knows how to control people's minds. "I have three daughters that lived at home for 17 years and I never was successful there."

Disciples say that since joining the BCC their personalities have changed for the better. They are grateful that the church has made them more loving, more outgoing, and more open about their feelings.

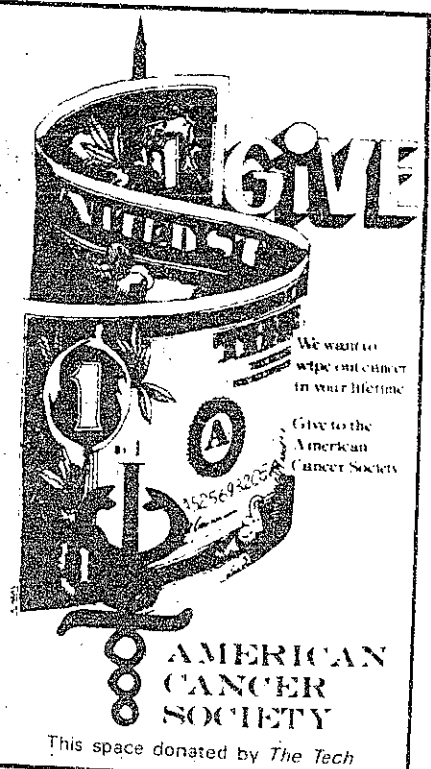
But Yeakley holds that the BCC's effect on members' personalities is not completely positive. The pressure to conform

be held up as an example in church, inducing others to do the same.

Simon lost 20 pounds when he was in the church. A former prospective, who wishes to remain anonymous, said that in some church meetings, girls would spontaneously break down and cry because they overate that week.

Erratum

The article on construction plans for the TRW site ["Design process for the old TRW site to begin," Oct. 13] misstated how long construction is scheduled to last. It is expected to take two and a half years.



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news roundup

from the associated press wire

World

USSR admits violating ABM treaty

The Bush Administration is welcoming an admission from the Soviet Union that it violated the Anti-Ballistic Missile Treaty. One official said the statement builds a degree of confidence and trust. Soviet Foreign Minister Eduard Shevardnadze announced yesterday that a Soviet radar station that violates the ABM accord will be dismantled. In a sweeping foreign policy address, Shevardnadze also said the Kremlin is ready to negotiate the breakup of the North Atlantic Treaty Organization and Warsaw Pact alliances.

Hungary declares itself democracy

Hungary is officially shedding its communist stripes. The Budapest government announced yesterday declared the country a democracy, on the 33rd anniversary of the crushing of an anti-Stalinist uprising by Soviet troops. The announcement was made as a crowd of 100,000 chanted "communism no more" and Russians go home."

Lebanese peace plan draws fire

The United States is welcoming a peace plan approved by Lebanon's parliament. But the leader of the Christian forces has rejected the proposal because it does not guarantee the withdrawal of Syrian troops from Lebanon. Two Muslim militia groups do not like it either. They want more representation in a new parliament.

Workers from East Germany's first independent union

Could East Germany be developing its own version of Poland's Solidarity labor federation? Several hundred employees of an electronics plant near East Berlin have formed that country's first independent union, named "Reform." A spokesman said one of the union's demands is the right to strike. There has been no comment from the communist government.

Also, sources estimate 300,000 people took to the streets yesterday to march for democracy. Lutheran Church sources said police did not interfere with the peaceful parade in Leipzig.

A match made in . . .

It looks like a case of unrequited love in the waters off Aalesund, Norway. A killer whale has taken a shine to a ferry. The 13-foot black-and-white creature has been cuddling up to a black-and-white boat for a week. The captain says it is hard to say who fell in love with whom. People have been buying ferry tickets or gathering at the wharf just to watch the whale.

Nation

Plant disaster injures 81

At least 81 people are reported injured, 22 are missing and authorities say they fear there may be some fatalities in an industrial disaster near Houston. Explosions yesterday afternoon tore through a Phillips Petroleum plastics plant in Pasadena, TX — showering debris up to five miles away and sending up a huge fireball. One worker said employees had 20 seconds to escape after a warning message was broadcast over the plant's emergency radio.

I-880 rescue work called off

The earthquake death toll in the San Francisco Bay area has risen to 61, with dozens of others missing. And rescue crews in Oakland say they're losing hope. Work in the rubble of the earthquake-collapsed section of Interstate 880 has been called off because of rain and unsafe conditions. And workers say there is not much chance they'll find more survivors. When asked if they have given up hope, one official said, "that's fair wording."

Two days ago, rescue workers found 57-year-old Buck Helm in I-880. He is still hospitalized, but doctors say his condition has improved.

Committee approves relief package for earthquake area

A House committee last night approved a \$2.85 billion aid package for the San Francisco Bay area earthquake. The amount is more than the White House supported. But it is \$1 billion less than the amount sought by California's congressional delegation.

The plan was approved by voice vote in the House Appropriations Committee after the panel rejected the state delegation's request for \$3.8 billion. Committee chairman Jamie Whitten (D-MS) said more money could come later. He said he does not want to send too much too soon with too few controls.

Rep. Silvio Conte (R-MA), the ranking Republican on the committee, said the Bush Administration would accept Whitten's proposal. The White House had proposed earmarking less than \$2.5 billion. Full House action is expected today.

Santa Cruz hard hit by quake

Santa Cruz Mayor Mardi Wormhoudt still gets teary-eyed when she looks at what last week's quake did to her city. The downtown business district is shattered, about one-third of its stores may be lost. Overall damage in the California city near the quake's epicenter is estimated at \$160 million. Wormhoudt said Santa Cruz needs an immediate infusion of government aid right away.

Improved health care for children, pregnant women urged

Two groups are proposing legislation aimed at guaranteeing quality health care for all of the nation's children and pregnant women. The American Academy of Pediatrics and the Children's Defense Fund said the legislation would provide money to improve employer-sponsored health insurance for employees and their dependents. One spokesman called the current situation a "national disgrace."

Atlantis mission goes smoothly

A successful launch, a successful landing, and in between a successful deployment of the space probe Galileo. The shuttle Atlantis and its crew managed to accomplish all that in the last five days. Touchdown yesterday at Edwards Air Force Base in California was smooth, and the National Aeronautics and Space Administration said the vehicle looks amazingly clean.

FDA bans Chinese mushrooms

The Food and Drug Administration is ordering an indefinite ban on all Chinese mushrooms entering the United States. The agency said some of the mushrooms have been found to contain a bacteria that can cause severe food poisoning. The FDA said most of the known contamination involves industrial-size cans of the mushrooms. So it is unlikely any of the contaminated mushrooms have wound up in grocery stores or American homes.

Local

House approves gay rights bill

After more than four hours of debate, the Massachusetts House gave final approval yesterday to a gay rights bill. It would ban discrimination against homosexuals in housing, employment, or credit. The bill concurred with Senate changes to the bill. It went through final enactment by a vote of 79-73. The bill now needs only final approval from the Senate to go to the governor's desk. Gov. Michael S. Dukakis has said already that he will sign it. Similar legislation has died in the state legislature in the past 17 years.

Rep. Francis Woodward of Walpole led debate against the bill, arguing that it was legislation to create a new minority. The bill's sponsor, Rep. Mark Roosevelt of Boston, rebuked some of his colleagues. He contended some of the debate indicates the need for the measure.

Frank hires Washington lawyer for ethics panel hearings

US Rep. Barney Frank (D-MA) has hired Steven Sachs — a high-powered Washington lawyer — as his ethics hearings get underway this week. The House Ethics Committee will review allegations involving the congressman's relations with a male prostitute. Frank is showing no signs of laying low as he takes to the House floor for the first time since the scandal broke. And in the past two weeks a legal defense fund set up in the Democrat's name has been receiving contributions.

Couple, son claim lottery jackpot

After keeping everyone guessing over the weekend, a Methuen couple and their son surfaced yesterday to claim a \$37 million lottery jackpot. Rose and Neil Strocchio of Methuen and their son, Joe Coletta of Dover, NH, will split an after tax income of \$1.3 million a year for 20 years. The three had a running agreement to buy \$15 worth of lottery tickets a week.

Dukakis lauds drug agents

Gov. Michael S. Dukakis yesterday kicked off a week-long appreciation of drug-enforcement officials with a Statehouse ceremony. He was joined by Public Safety Secretary Charles Barry — who lauded drug agents for placing their lives on the line for law enforcement. Dukakis and Barry used the event to call for the Senate's approval of a limited ban on assault weapons in the city of Boston — a bill gun enthusiasts are battling.

State supreme court approves use of video testimony

Some attorneys are welcoming a new decision by the Supreme Judicial Court to allow the use of audio-visual testimony from expert witnesses and physicians involved in court cases. The SJC said the move is designed to eliminate witness scheduling conflicts — which are a major reason for trial continuances. And lawyers said the ruling will speed up a backlogged court system. The decision makes the Bay State the third state

Sports

Notre Dame retains #1 position

To the surprise of no one, Notre Dame retained the top spot in the weekly Associated Press college football poll. The Fighting Irish — with 19 straight victories dating back to last year — have been number one in every AP poll this year except the pre-season poll. Miami, Colorado, Nebraska, Michigan, Alabama, Pittsburgh, Illinois, Florida State, and Southern California complete the first ten.

Giants, A's take day off

Nobody did much of anything regarding the World Series yesterday. Both the Oakland A's and San Francisco Giants had the day off, with the series now scheduled to resume with game three on Friday in San Francisco. The long layoff from last week's earthquake has cast a long shadow over the series. A drained Giants centerfielder Brett Butler said "the enthusiasm isn't there anymore."

Veteran forward may join Italian basketball team

While the NBA claims the fledgling Minnesota Timberwolves have the rights to Rich Mahorn, the veteran power forward has his eye on the Glaxo Verona team in Italy. According to one published report, Verona has offered Mahorn about \$1 million for one season. The Timberwolves grabbed Mahorn during the expansion draft earlier this year. Mahorn plans to arrive in Italy tomorrow.

Weather

Quiet and mild

Fair weather and normal to above normal temperatures are anticipated for the next several days as a ridge of high pressure becomes stationary over the forecast area.

Tuesday afternoon: Becoming partly cloudy. Mild. A seabreeze develops during the afternoon. Winds onshore 5-10 mph (8-16 kph). High 63°F (17°C).

Tuesday night: Partly cloudy. Winds west-southwest 6-12 mph (10-19 km/h). Low 50°F (10°C).

Wednesday: Mostly sunny. High 66°F (19°C). Low 50°F (10°C).

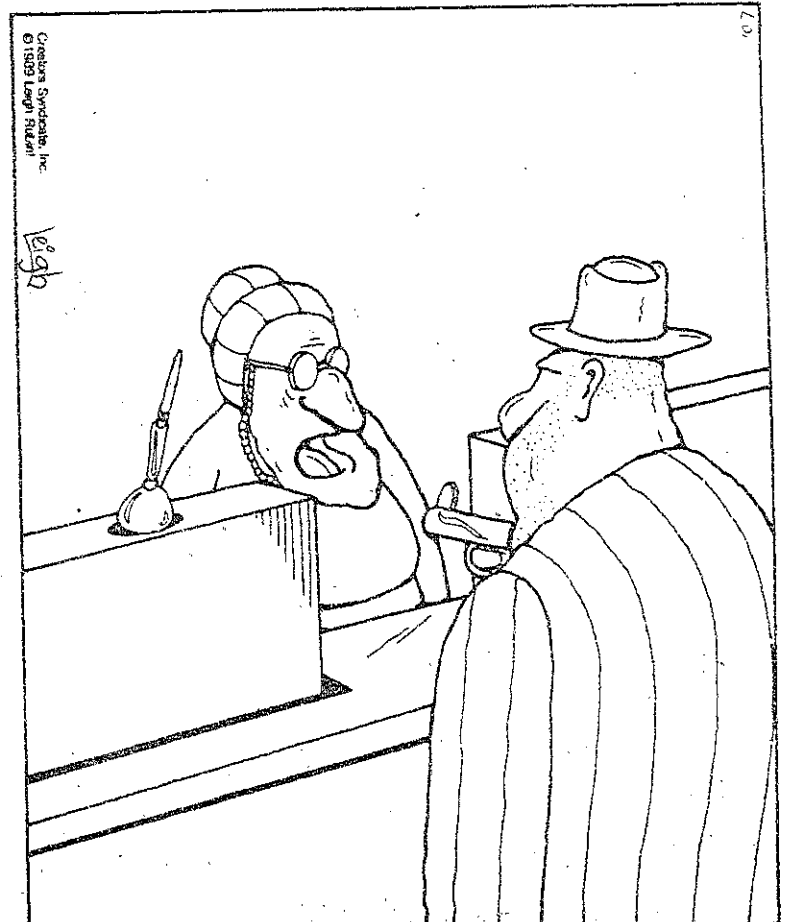
Thursday: Mostly sunny. High 66°F (19°C). Low around 50°F (10°C).

Forecast by Michael C. Morgan

Compiled by Niraj S. Desai

Rubes

By Leigh Rubin



"In the event of a lengthy incarceration, you may wish to stash some of the loot in an individual retirement account."

opinion

LETTERS TO THE EDITOR

Government shares blame in Colombian violence

I believe that the nomination of Colombian President Virgilio Barco '43 for commencement speaker and the commendation bestowed on him by the MIT Corporation, as described in *The Tech* by Mauricio Roman, have been accompanied by a dangerous oversimplification of the violence in Colombia.

Although the mass media in the United States currently emphasize the Colombian government's war against the drug cartels, Colombia was marred by political violence long before the rise of the cartels. Americas Watch, in its April 1989 report, "The Killings in Colombia," lists the perpetrators of human rights violations as follows: "... the guerillas; the armed and security forces; and 'private armies' that are linked to elements in the armed forces, to landowners, to rural business interests and to the drug traffic."

A good example is the March 4, 1988 massacre in the northern region of Urabá. Although people working on banana plantations there are paid relatively well, working conditions are poor. Labor unions, which have become more militant, resulting

in disputes with the management of the plantations and killings of labor leaders. On the date in question, armed men killed approximately 20 workers late at night. A judicial investigation led by Judge Martha Lucía González Rodríguez found evidence that the paramilitary group ACDEGAM (Association of Peasants and Cattle Ranchers) was responsible. The group is funded by the Medellín drug cartel. However, it was assisted in its attack by two army officers, one of whom "paid a hotel bill at the Medellín Intercontinental Hotel for one or more of the participants in the massacre," according to the Americas Watch report.

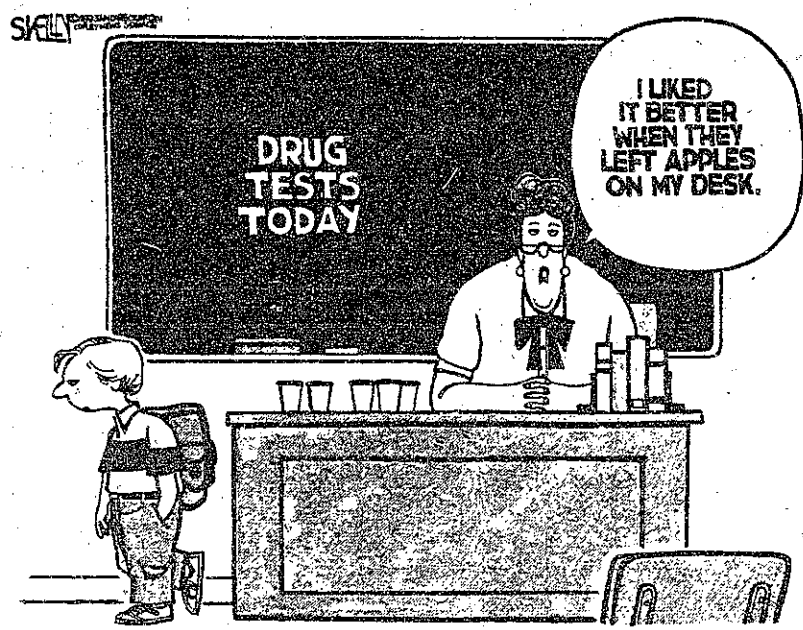
In addition, the mayor and chief of police of Puerto Boyacá, ACDEGAM's home base, were charged by González with "covering up the criminal activity of ACDEGAM." At one point in her investigation, González and her party were detained at an airstrip by a local chief of police and prevented from carrying out a part of the investigation. Americas Watch learned that "Judge González was threatened by a high military officer if she persisted in pressing charges against

Army officers for their role in the Urabá massacres... for Ms. González's protection, the Government had arranged to have her placed in a job outside the country." (This same military will receive assistance from the United States in our effort to help Colombia with her "war on drugs.")

This is not to say that Barco has himself ordered that human rights of Colombian citizens be violated. Rather, Colombia's civilian government is attempting to curtail political violence. That the government's strategy is flawed is seen by the unabating increase in violence there, as well as the government's apparent inability to bring right-wing and military-related perpetrators of violence to justice. Colombia is clearly failing to ensure the human rights of her citizens.

If the MIT community decides to engage in an informed discussion of political violence in Colombia and its relationship to North American demand for cocaine, I might find myself supporting the nomination of Barco for commencement speaker.

Stephen Fromm G



The Tech

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Give new graduate students temporary space

We, the presidents of Ashdown House, Green Hall, and Tang Hall, are opposed to the housing plan proposed by the Housing Office. Under the proposed plan there would be a 75 percent yearly turnover rate (50 percent is always untenured, 50 percent of the remainder is natural turnover) in all the houses. This would be a serious detriment to the quality of life in the dorms. House governments depend on the interest of volunteers, and long-term house projects demand a continuity of that interest. Furthermore, mixing untenured and tenured students in the same building creates a tense, two-class system.

Our alternative proposal, which we have submitted to the Graduate Student Council, the Office of the Dean for Student Affairs, and the Housing Office, would meet most of the housing demand of incoming students, but would not turn the dorms into an impersonal apartment building. Under this proposal, current policies would remain in place in existing dorms. This al-

ready includes preferential reservation of about 75 percent of the available spaces for new students. However, all spaces in the new Albany Street building would be reserved for new graduate students who need a place to stay while apartment hunting. Graduate residents hired by the ODSA would help to promote a positive community spirit by organizing social events and helping untenured students to find housing for the following year, either off-campus or in one of the older dorms. In this way, the organizational structure of the Albany Street dorm would be specifically designed to accommodate the needs of first year students and the problems associated with a high turnover building.

Under our plan all incoming graduate students could receive one of the following: a renewable space on campus (310 beds), a renewable space off campus in buildings owned by MIT (30 spaces), a nine-month non-renewable space on campus (190 beds), or a one-month on-campus space for apartment hunting (570

spaces). Based on the housing demand of the incoming class of 1989, approximately 72 percent of all incoming students who apply for on-campus housing would get one of the first three options.

The allocation of a scarce resource, such as graduate student housing, is always a source of conflict. Our plan provides almost the same number of spaces as the Housing Office plan without destroying the existing quality of life in graduate houses. In addition, the full benefits of this plan could be achieved immediately while the Housing Office plan would be phased in over several years as spaces become available. Any solution which includes untenured housing should only be considered as a last resort. Our solution is intended to be a temporary one, designed as a compromise to alleviate immediate housing demands. Ultimately, the underlying problem of creating more graduate housing must be addressed.

Arnout Eikeboom G
 Janet Pan G
 Ann Westerheim G

opinion

Scientists must rebuild trust with research sponsors

Column by Ben Z. Stanger

(Second of two parts)

Private research institutions like MIT actually represent two universities: one which governs its own affairs, and one on which the government constantly keeps its eyes.

Many activists, including former MIT professor David Noble, have described the situation as representing a serious conflict of interest. The nature of the conflict, as he describes it, is economic: such an environment is ripe for misconduct by those who use public funds in some way which leads to commercial gain.

The conflict between public and private interests reaches a pinnacle when the possibility of misrepresentation arises. Allegations of misconduct at major universities, such as the recent inquiry involving Biology Professor David Baltimore '61, highlight the problem of dual accountability.

When these allegations are blown out of proportion, it becomes especially important for the grievance process to be clear-cut and fair.

The first step in responding to grievances at any university is an internal investigation. In general, this should be enough; a responsible and presumably unbiased faculty committee should be able to determine fault and make recommendations. The public does not see it this way.

This procedure was followed in Baltimore's case, but instead of stopping after the faculty committee reached its conclusions, the case went on to receive national attention. Public representatives did not believe that MIT could adequately deal with allegations of violated public trust.

How can universities regain the faith of the public and alter the actions of the minority of professors who do abuse their position without imposing crippling restrictions?

The medical profession has had to deal with a similar loss of faith by patients. There has been a staggering increase in litigation in the past decade. As a result, physicians as well as medical schools have had to come up with ways of restoring pa-

tient faith. The outcome has been a slow return to the emphasis on the *art* of medicine — the importance of building a knowing, trusting relationship between doctor and patient. Now it is science's turn to rebuild faith.

At the very least, we can ensure that the system of self-policing is as strong as possible, and not, as the public most likely suspects, a revolving door. For the system to be credible, the policy for dealing with grievances must reflect an unambiguous message that unethical actions are grounds for stern action, up to and including removal from the university.

But once it has been made clear that unethical behavior will not be tolerated, the public is only harmed when it does not trust researchers to police themselves. The damage takes the form of costly and unjustified investigations, and potential dam-

Physicians as well as medical schools have had to come up with ways of restoring patient faith. Now it is science's turn.

age to the future of science.

A lot can be done preventatively by following the medical example. If fears are causing people to second-guess, then those fears must be dispelled. If falsehoods are leading to investigations, those falsehoods must be unmasked.

But these changes have to be made before disagreements erupt into major controversies. There are faculty who currently do use their MIT influence to draw business to their private consulting companies. These actions have questionable ethical implications, and should be eliminated be-

Once it has been made clear that unethical behavior will not be tolerated, the public is only harmed when it does not trust researchers to police themselves.

fore they cause the university harm.

More importantly, the gap between academia and the public needs desperately to be bridged. There is a significant amount of public misconception about science, and few informed people would deny that the problem is worsening. Allegations of fraud add to people's fears.

The best method for regaining the public's trust is debatable. But the National

Institutes of Health, which are responsible to a large extent for the future of biological research in this country, should be leading the fight against the greatest danger to that future — scientific ignorance.

Scientific research can be hindered greatly without good faith between research sponsors and investigators. It has become clear from recent evidence that this faith does not come easily. A major task of researchers in the future is therefore to rebuild this trust.

Since before the Age of Enlightenment, scientists have had to gain the approval of the citizens who either supported or permitted their work. This is as much a prerequisite for research as ever, although it may seem like a waste of time to the vast majority of well-intentioned researchers.

Latham, a 19th century physician, said "Faith and knowledge lean largely upon each other in the practice of medicine." His observation has surprising relevance to the practice of science in our own time.

Ben Z. Stanger '88 is a former managing editor of *The Tech*.

Letters policy

The Tech welcomes letters from its readers. All letters are subject to editing and are published solely at the editors' discretion. Authors must sign their letters and include their phone number, and MIT affiliation, if any, for verification, and should type letters double-spaced for ease of reading. Letters should be kept under 500 words. *The Tech* publishes letters anonymously only in rare circumstances, at the editors' discretion. Bring letters to *The Tech's* office on the fourth floor of the MIT Student Center or send them to: Letters to the Editor, *The Tech*, P.O. Box 29, MIT Branch, Cambridge, MA 02139; or to Room W20-483 by interdepartmental mail.

Consumers should demand recyclable alternatives

Column by Jenny Jablonski

Many of us regard the availability of disposables as a basic right. However, in order to regain a sustainable environment, we need to shift our focus away from the buy-and-toss mentality. Too often we don't ask where the product comes from or where it will go when we are through with it. We need to consider whether a small convenience is worth the cost to the environment before we buy.

Foam insulation, for example, more commonly known by Dow's trademark Styrofoam, wreaks more havoc on the environment than most people are aware of. In some foams, chlorofluorocarbons are used as a blowing agent, forming the small air-tight pockets of the insulation. CFC's are a major contributor to ozone depletion, and are also a greenhouse gas. Another large problem is that when the foam is incinerated, it produces dioxin, possibly one of the deadliest compounds known to mankind. And like all plastics, foam insulators generate hazardous waste in production and contribute to the landfill problem.

A simple trip to the grocery store presents many problems to environmentally conscious shoppers. These unsuspecting consumers will often choose such products as degradable bags and containers as ecologically-sound alternatives. However, these plastics are not degradable in that they will never be integrated into the ecosystem. Rather, the long polymer chains are simply broken down to smaller ones. What's more, biodegradable or no, the plastics are made from non-renewable petroleum, generating huge quantities of hazardous waste in production.

The real problem with the "degradable" theory is that it promotes a disposable lifestyle. After World War II throwaway products flooded the markets. The purpose behind this influx was to stimulate the nation's economy. The public soon saw this excessively consumptive lifestyle as a symbol of affluence and leisure.

Overpackaging is even more commonplace today, especially in serving-size containers and ready-made meals. The plastics used in food packaging must be made from virgin resins according to health codes. Generating these resins produced 11 billion pounds of hazardous waste in 1984. The resins must then be processed with polymers into plastic materials. In that same year, this step produced 19 billion pounds of hazardous waste. The chemicals that are integral to the industry are also extremely dangerous. When the Environmental Protection Agency ranked chemicals according to how much hazardous

waste is generated in their production, five of the top six were compounds that play major roles in the production of packaging plastics.

Currently, political efforts have begun to clamp down on disposables. A bill in the Massachusetts state legislature would ban all non-renewable, non-recyclable packaging by 1996. This bill is still in its early stages, so the outcome is not clear. However, an increasing number of towns in the nation have already banned such materials as foam packaging, forcing fast food chains and supermarkets to use renewable alternatives such as paper.

The political pressure from such bans has fiercely threatened the 15 billion dollar annual plastics industry. Chemical companies have been pouring millions into researching recycling options. The major

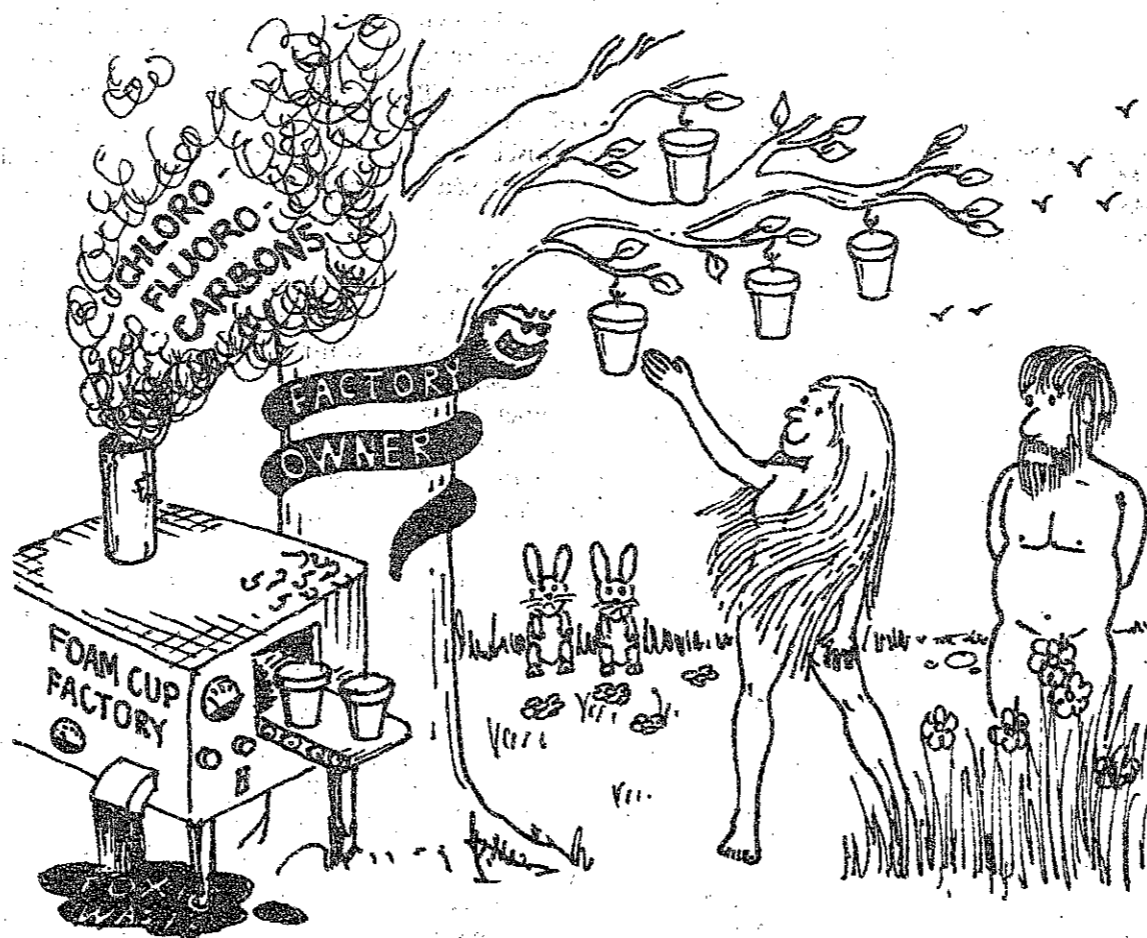
The public sees an excessively consumptive lifestyle as a symbol of affluence and leisure.

difficulty arises in separating the resins, which are typically blended in a plastic product. So far, the material can be melted into a lower grade plastic for use in park benches, flower pots, etc. Reuse in food containers is not foreseeable in the near future due to the chemicals and metals contaminating the recycled material.

Non-degradability is just the tip of the iceberg as far as problems with plastics are concerned. However, by demanding reusable, recyclable alternatives to plastic packaging, consumers can send a strong message to the polluting disposable industry. For example, wood fiber cellulose is one ecologically-sound alternative to plastic food storage. It is legitimately biodegradable, non-toxic and natural. Also, buying larger quantities of foods will cut down on packaging.

Often the solution is more obvious than we think. We wouldn't need to choose between paper or plastic bags if we brought a backpack to the store. If we know we buy coffee everyday, why not bring along a mug? Weighed against the cost to the environment, a small amount of forethought is well worth the investment.

Jenny Jablonski, a junior in the Department of Civil Engineering, is a member of the campus environmental group *SAVE*.



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House



By David J. Kim

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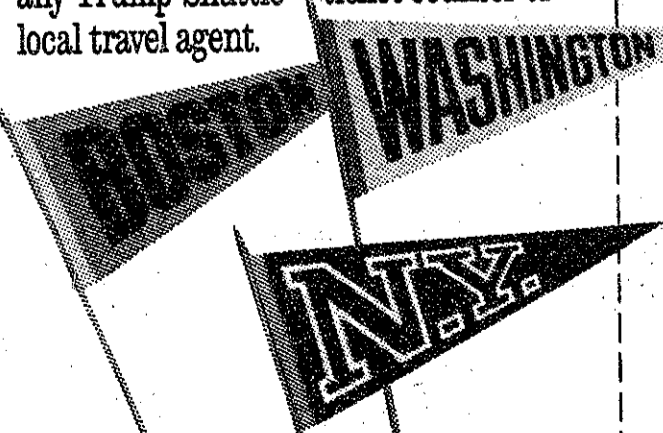
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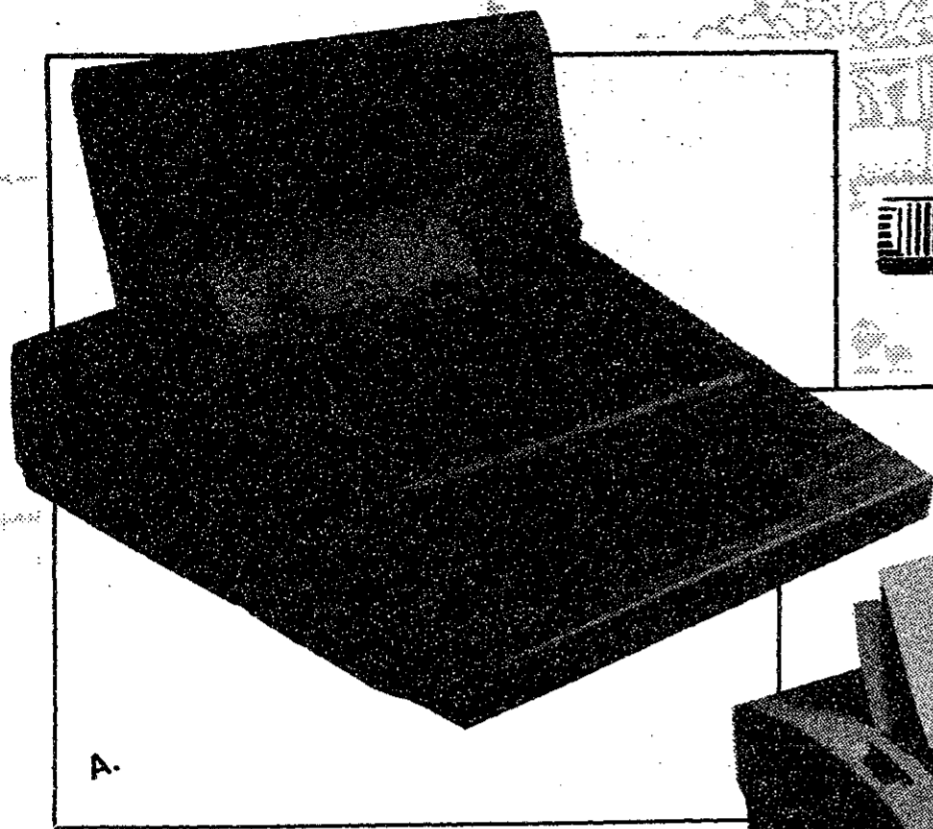
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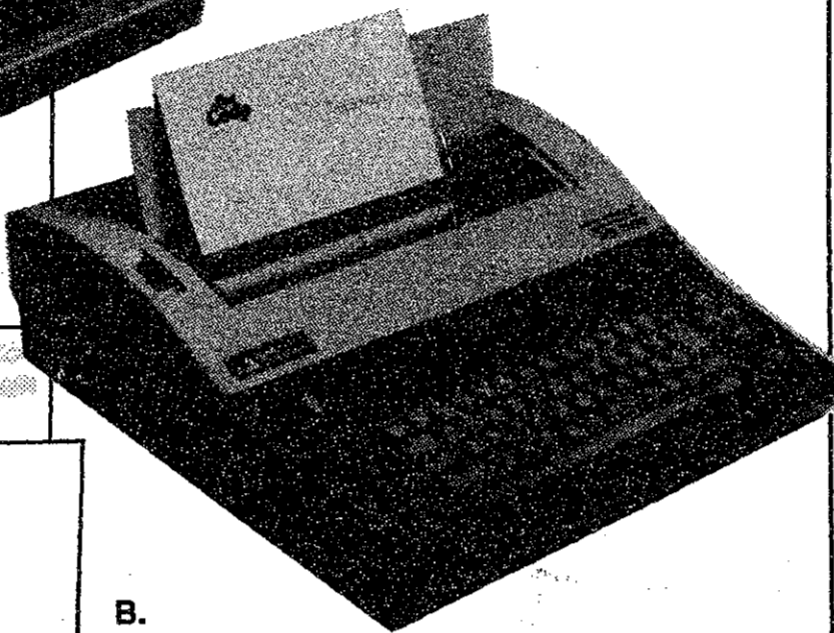


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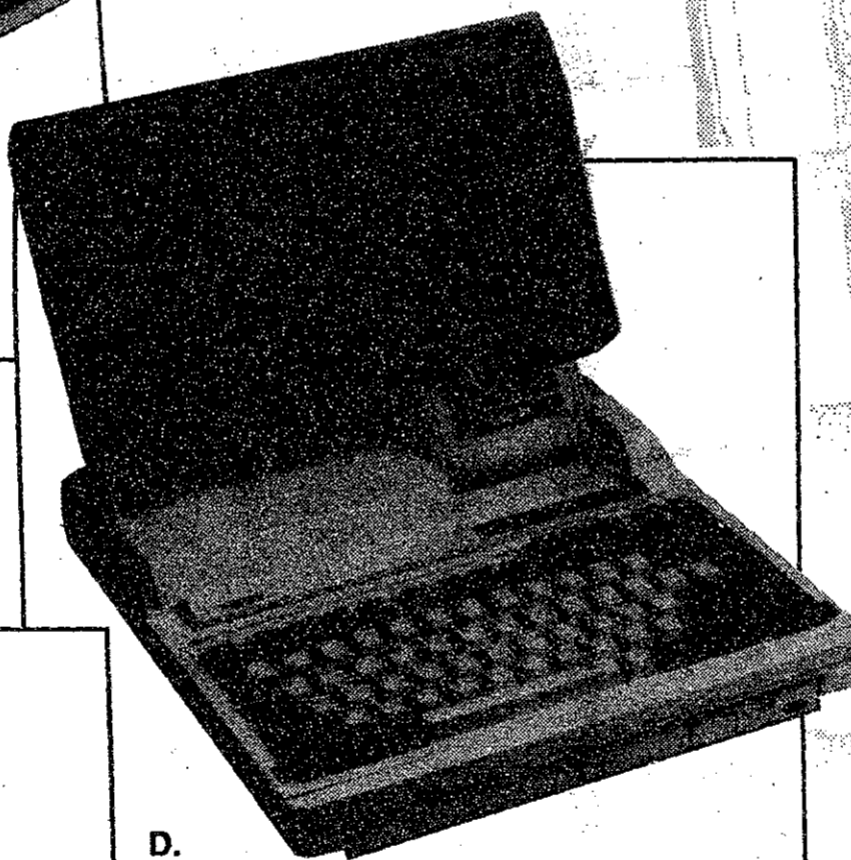
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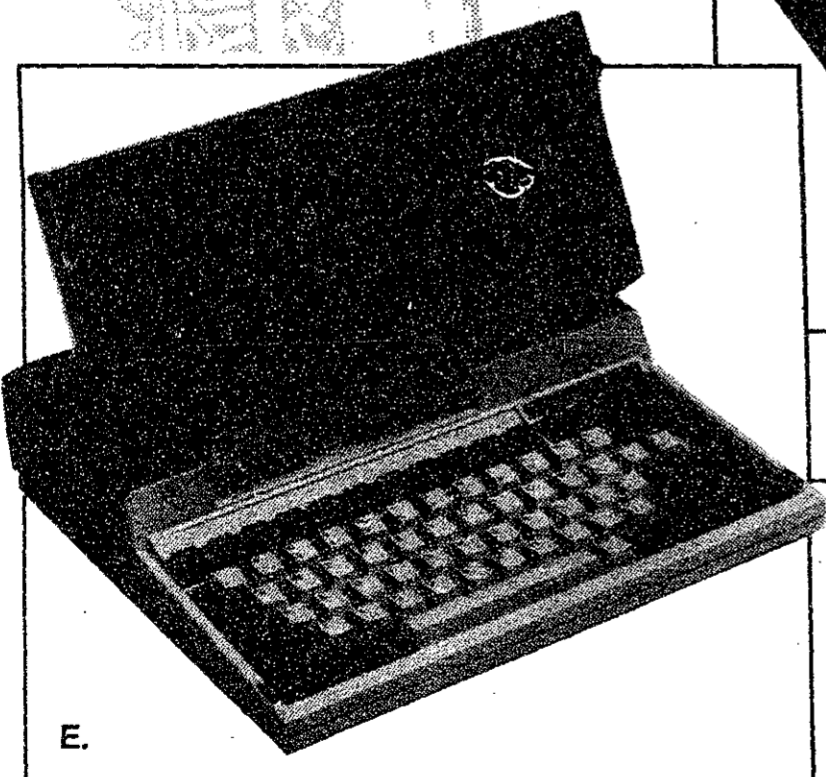


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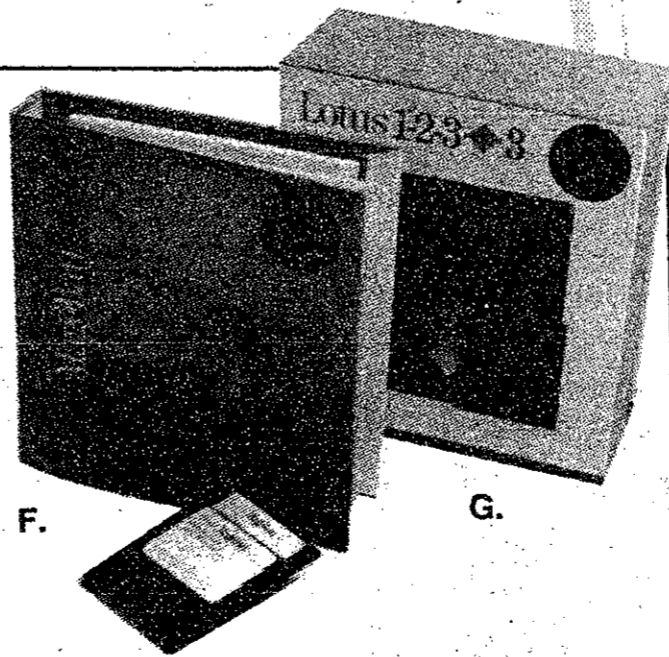


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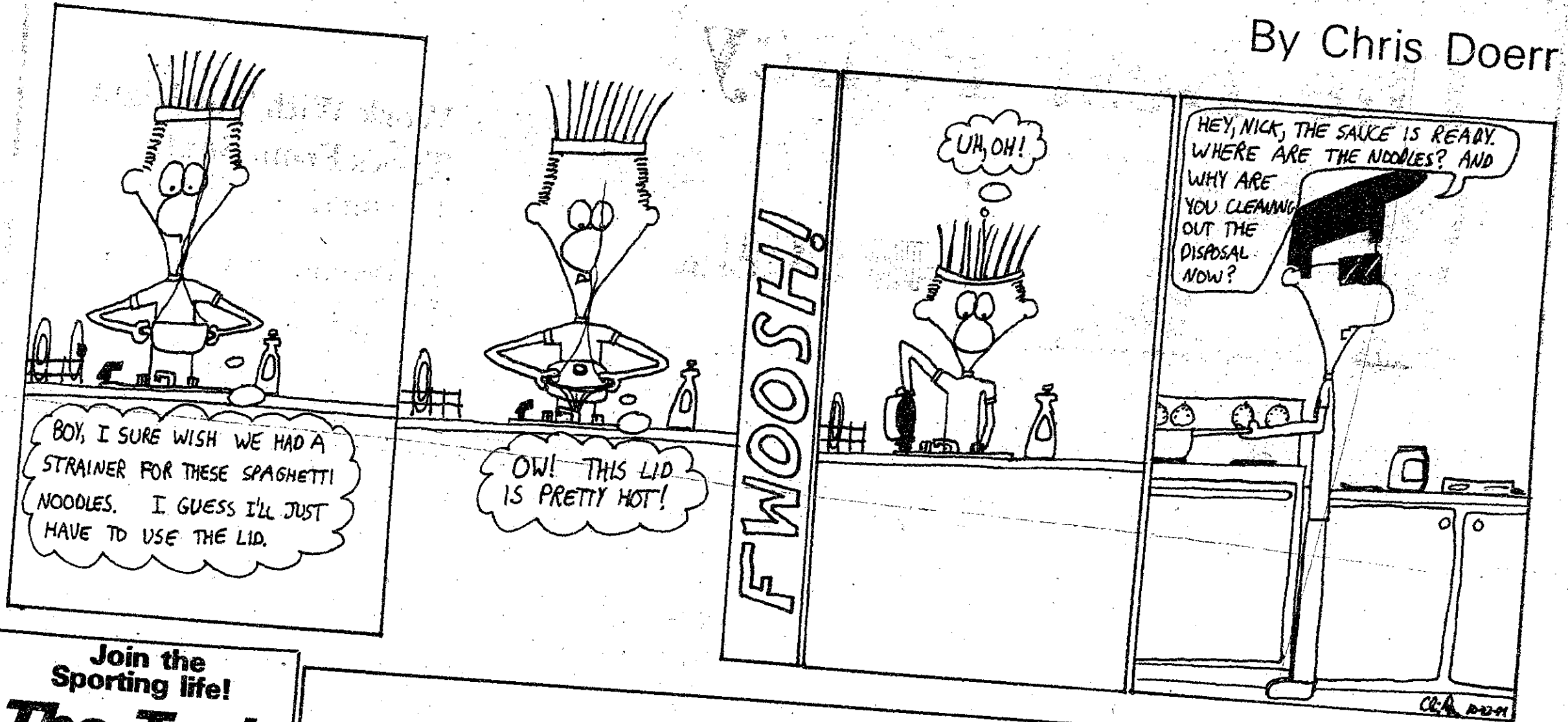
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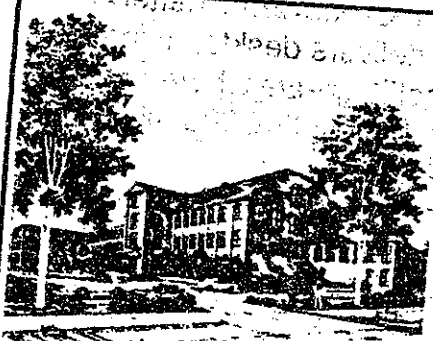
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By Chris Doerr



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GREEK WEEK '89

Wednesday, October 25

- Walker Memorial
- 6:00pm Suicide wings contest and free pizza. Sponsored by PKS and SC.
 - 7:00pm Pledge talent competition. Sponsored by AXO.
 - 10:00pm Fiji presents "Signs of Life."

Friday, October 27

- 4:00pm Ye olde Greek pub in the Sala de Puerto Rico. Featuring "The Dating Game." Sponsored by Women's Conference, SAE, ZP.
- 8:00pm
- 7:00pm Social hour at PLP.
- 10:30pm Party at DKE, featuring "The Eternal Rose Parade." A CD player for the best costume.

Saturday, October 28

- 12:00pm Tailgate for the football game at West Parking Lot (behind the stadium). Sponsored by SC.
- 2:00pm Homecoming game against Assumption.
- 9:00pm **SKUFFLE** at PKS, featuring "Floating Boats". \$3/person, \$5/couple.

Sunday, October 29

- 11:00am The Greek Olympiad at Briggs Field. Sponsored by AP, ATO and AEP.
- 2:00pm JIFC Picnic at the DuPont BBQ pits. Announcement of the Greek Cup winners.

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A R T S

On The Town

Compiled by Peter Dunn

Tuesday, Oct. 24

FILM & VIDEO

***** CRITIC'S CHOICE *****
The Somerville Theatre presents Festival of Animation '90 at 7:30. Also presented October 25 at 7:30 and October 26 at 7:00 & 9:30. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Admission: \$5 general, \$3 seniors and children. Telephone: 625-1081.

The Brattle Theatre presents Comic Book Confidential (1988, Ron Mann) at 4:15, 6:00, 7:50, & 9:40. Continues through October 26. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children. Telephone: 876-6837.

The Harvard Film Archive continues its Tuesday series *Images of Women on Film with Bed and Sofa* (1927, Abram Room, USSR) at 5:30 & 8:00. Screenings at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children. Telephone: 495-4700.

The Institute of Contemporary Art continues its series *Pier Paolo Pasolini: A Cinema of Poetry* with *The Audiovisual Interviews - Program 2: Class 3-B: roll-call, In the Heart of Reality, Pasolini directing Maria Callas on the set of "Medea," The Face of the city, and 10.31.75: last interview* at 5:00 and *Salo or the 120 Days of Sodom* (1975) at 7:00 & 9:30. Located at 955 Boylston Street, Boston. Admission: \$5 general, \$4 ICA members, seniors, and students. Telephone: 266-5152.

CONTEMPORARY MUSIC

***** CRITIC'S CHOICE *****
Bob Dylan performs at 7:30 at the Opera House, 539 Washington Street, Boston. Also presented Wednesday, October 25. Tickets: \$24. Telephone: 720-3434.

Andreas Vollenweider and Friends perform at 8 pm at the Wang Center, 270 Tremont Street, Boston. Tickets: \$24.75 and \$21.75. Telephone: 787-8000.

***** CRITIC'S CHOICE *****
Camper van Beethoven and Syd Straw perform at 8 pm at the Paradise, 967 Commonwealth Avenue, Boston. Also presented Wednesday, October 25 at 7 pm. Telephone: 254-2052.

East of Eden performs in an 18+ ages show at the Hub Club, 533 Washington Street, Boston. Tickets: \$3. Telephone: 451-6999.

Gabriel Yacoub performs at 8 pm & 11 pm at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

George Levas performs at the Western Front, 343 Western Avenue, Cambridge. Telephone: 492-7772.

Linda Price and Friends perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$2.50. Telephone: 426-7744.

Andy Narell performs in an 18+ ages show at 9 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

CLASSICAL MUSIC

Banchetto Muscatello performs Early Music at 6 pm at the Gardner Museum, 280 The Fenway, Boston. Admission: \$5 general, \$2.50 seniors and students. Telephone: 566-1401.

Frances Conover Fitch, harpsichord, performs theatrical French Baroque music of Rameau, Couperin, and others at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Garden and Follen Streets, Cambridge. No admission charge. Telephone: 876-0956.

The Boston Conservatory Wind Ensemble performs works by Edward Elgar, Smetana, and Russell Graziopler at 8 pm in Seully Hall, Boston Conservatory, 8 The Fenway, Boston. No admission charge. Telephone: 536-6340.

Pianist Beatrice Erdely performs works by Ravel, Chopin, and Mozart at 6 pm at the French Library in Boston, 53 Marlborough Street, Boston. Admission: \$5 general, \$3 Library members, seniors, and students. Telephone: 266-4351.

CLASSICAL MUSIC

The Boston Symphony Orchestra, Carl St. Clair conducting, performs Antoniou's *Faun*, Rouse's *Symphony No. 1*, and Tchaikovsky's *Symphony No. 5* at 7:30 in an open rehearsal at Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Also presented in performance on October 26 and 28 at 8 pm and October 27 at 2 pm. Tickets: \$17 to \$45 general (\$9.50 open rehearsal). Telephone: 266-1492.

THEATER

***** CRITIC'S CHOICE *****
The Seagull, Chekhov's melancholic masterpiece, opens today as a presentation of the Harvard College and the Nora Theatre Company at the Theatre at the Harvard Union, Quincy and Harvard Streets, Cambridge. Continues through October 29 with performances Wednesday-Saturday at 8 pm and a matinee Sunday at 2 pm. Tickets: \$3. Telephone: 493-3720.

Autumn Garden, Lillian Hellman's portrait of an assorted group of people gathered together in a summer house, opens today at the Lyric Stage Theatre, 54 Charles Street, Boston. Continues through November 26 with performances Wednesday-Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00. Tickets: \$13.50 to \$17. Telephone: 742-8703.

THEATER

Driving Miss Daisy, Albert Uhry's Pulitzer Prize-winning, no-nonsense comedy, opens today at the Colonial Theatre, 106 Boylston Street, Boston. Continues through October 29 with performances Tuesday-Saturday at 8 pm and matinees Thursday & Saturday at 2 pm and Sunday at 3 pm. Tickets: \$25 to \$37.50. Telephone: 426-9366.

LECTURES

The MIT Lecture Series Committee presents William Sautner, star of the *Star Trek* series, at 8 pm in Kresge Auditorium. Tickets: \$8. Telephone: 253-3791.

Wednesday, Oct. 25

JAZZ MUSIC

Rootless Cosmopolitans perform at 9 pm & 11 pm at the Western Front, 343 Western Avenue, Cambridge. Tel: 492-7772.

CONTEMPORARY MUSIC

Dozzilla, Still Life, Zug Zug, and Paintbox perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$1.01. Telephone: 451-1905.

Sleep Chamber performs in an 18+ ages show at 10 pm at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Telephone: 262-2437.

One Life performs in an 18+ ages show at Ground Zero, 512 Massachusetts Avenue, Cambridge. Telephone: 492-9545.

Chaotic Past and Arum Island perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

The Nameless, Atomic Cafe, Handful of Dimes, and Ant Farm perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tel: 247-8309.

Vindicators, Scatterfield, and Suspicious perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$3.50. Telephone: 426-7744.

Pe De Boi performs at 8 pm & 10 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

Thursday, Oct. 26

CLASSICAL MUSIC

Baroque cellist Jan Pfeiffer and harpsichordist John Finney perform works by Vivaldi and Bach as part of the MIT Thursday Noon Chapel Series at 12:05 in the MIT Chapel. No admission charge. Telephone: 253-2906.

TAKT performs works by Boismortier, Debussy, Rameau, and Michel Blavet at 12:30 at the Federal Reserve Bank of Boston auditorium, 600 Atlantic Avenue, near South Station in downtown Boston. No admission charge. Telephone: 973-3454 or 973-3368.

CONTEMPORARY MUSIC

SCC's Strai's Rat presents *The Wall* abouts at 10 pm in Lobdell Dining Hall.

Women of the Calabash, with Joan Ashley W '78, is presented at 8 pm in Jewett Auditorium, Wellesley College, Wellesley. No admission charge. Telephone: 235-0320 ext. 2028.

***** CRITIC'S CHOICE *****
David Byrne performs at the Orpheum Theatre, Hamilton Place, Boston. Also presented October 27 and 28. Tickets: 19. Tel: 931-2000.

Bim Skala Bim, Meta Terra, and Calypso Hurricane perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$14 advance/\$15 at the door. Tel: 451-1905.

54+40 and Will and the Bushmen perform at 10 pm at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Telephone: 262-2437.

The Shy Five perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

Mud Honey and The Fluid perform in an 18+ ages show at Man Ray, 21 Brookline Street, Cambridge. Telephone: 864-0400.

13 Engines, Gigolo Aunts, Gift Horse, and The Bardots perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

Ragamuffin Soldier performs at the Western Front, 343 Western Avenue, Cambridge. Telephone: 492-7772.

Mary Knapp performs at 8 pm in the Cambridge Center for Adult Education's *Fold Series* at 56 Brattle Street, Cambridge. Admission: \$3.50. Telephone: 547-6789.

(Please turn to page 13)

notices

Listings

Student activities, administrative offices, academic departments and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

October 24, 1989

Professor Shun Kanda will give a talk entitled "Looking for the Soft Side — Planning for Tokyo Bay" from 5-6 pm at the MIT Student Center Private Dining Rooms. Sponsored by the MIT Japan Program.

October 25, 1989

Arthur Rosenthal will discuss *Great Vacations: the Publisher* at 8 pm, 3 Church Street in Harvard Square.

Building links with Palestinian Women, a discussion of a Palestinian woman's life under occupation, 7-9:30 pm at 46 Pleasant Street, Central Square. For more information call 492-4934.

October 26, 1989

Boston University School of Social Work will sponsor a *Minority Applicants Weekend*. For more information call 353-3765.

A seminar entitled "The Electronic Library: Vision and Implementation" will be held from 2-6 pm in E15-070. Speakers will be Vinton Cerf of the Corporation for National Research Initiatives, Patricia Battin of the Commission on Preservation & Access, Professor Steven Lerman of MIT, Mark Kibbery of Carnegie Mellon University, and John Garrett of the Copyright Clearance Center, Inc.

October 27, 1989

Eyes of Time: Photojournalism in America will be on display. For more information on times and duration, call 353-3329.

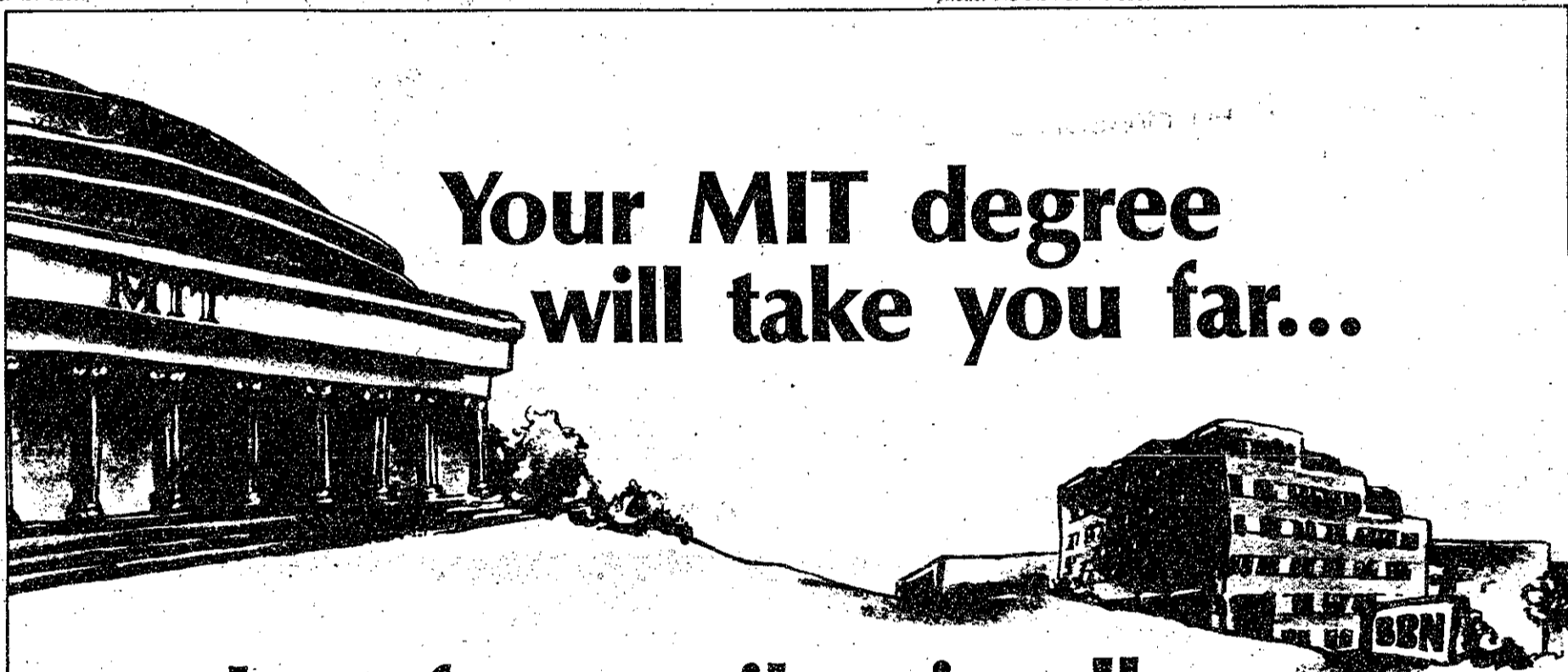
October 31, 1989

Professor Alan Trachtenberg of Yale University will speak on *Photography and the Collective Memory*, 6:30 pm, 871 Commonwealth Avenue. For more information call 353-3329.

November 2, 1989

HDTV and Industrial Policy: Lessons for the 1990's with speakers Robert Cohen, Lee McKnight, and Lester Thurow in E15-070 from 4-6 pm.

A workshop entitled *Challenges Facing the Asian Community in the 1990's: The Social Work Response* will be offered. For more information, call Dolores Scott 353-3765.



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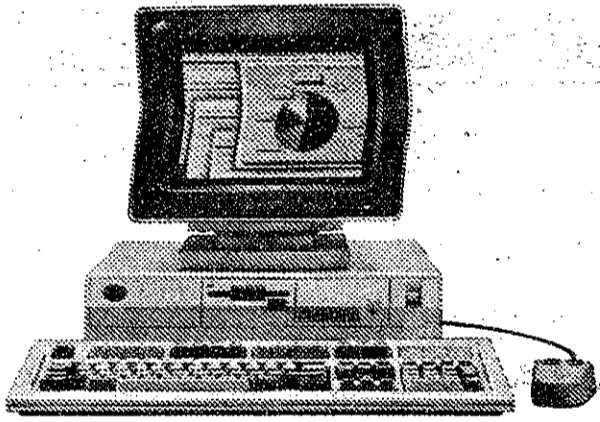


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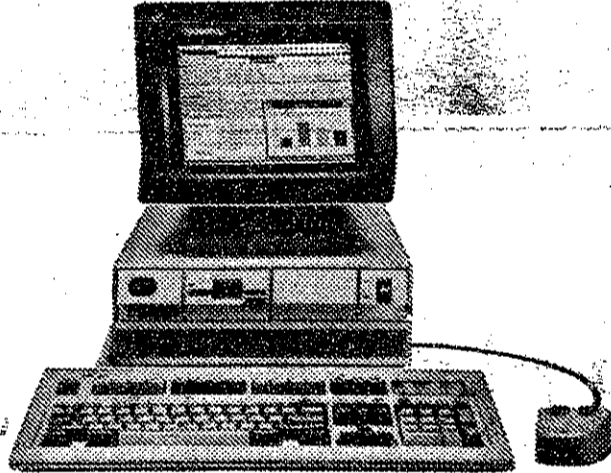
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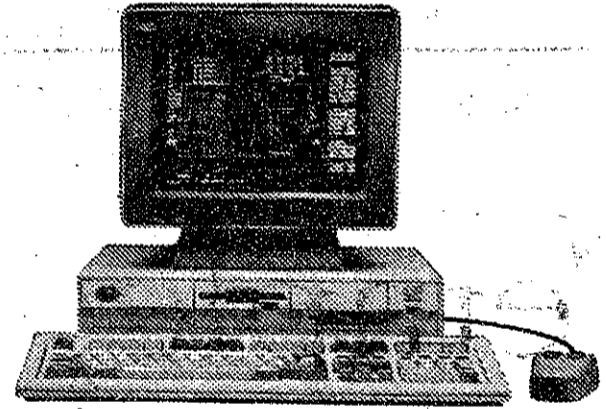
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ARTS

THEATER

Eleemosynary, Lee Blessing's play detailing the subtle and perilous relationship between a young girl, her mother, and her grandmother, opens today at The Performance Place, Elizabeth Peabody House, 277 Broadway, Somerville. Continues through November 11 with performances Thursday-Saturday at 8 pm. Tickets: \$6. Telephone: 623-5510.

Orphans, Lyle Kessler's drama of two brothers and the man they kidnap, is presented by the Boston University Stage Troupe at 8 pm at the BU College of Communication Auditorium, 640 Commonwealth Avenue, Boston. Tickets: \$5. Telephone: 787-3073.

Blithe Spirit, Noel Coward's fantasy farce about a man haunted by his dead wife, opens today as a presentation of the Mission Hill Theatre Group at the Mass. College of Art, 621 Huntington Avenue, Boston. Continues through November 4 with performances Thursday-Saturday at 8 pm. Tickets: \$6. Telephone: 269-4576.

Friday, Oct. 27

CONTEMPORARY MUSIC

CRITIC'S CHOICE
Billy Bragg performs at 7:30 at Shapiro Gym, Brandeis University, South Street, Waltham. Tel: 736-4750.

Ultra Blue, **Big Town**, **Nor'Easters**, **Peasant Kings**, and **Dharma Bums** perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$3.50 advance/\$4.50 at the door. Telephone: 451-1905.

NRBQ performs at 8 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Sugar Ray and the **Blotstones** and **Miles Ahead** perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$6.50/\$7.50. Telephone: 426-7744.

Holy Cow, **Slaughtershack**, **Womb to Tomb**, and **Common Ailments of Maturity** perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

Mamou performs at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

One People performs at the Western Front, 343 Western Avenue, Cambridge. Also presented Saturday, October 28. Telephone: 492-7772.

Mick Taylor and **Unattached** perform at 8 pm & 11 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-5200.

Shawn Colvin is presented by Passim at 7:30 at the Berklee Performance Center, 136 Massachusetts Avenue, Boston. Tickets: \$16.50. Telephone: 492-7679.

Maura O'Connell and **Lennie Gallant** perform Celtic music at 8 pm at the Somerville Theatre, 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tickets: \$16.50 reserved, \$14.50 general admission. Telephone: 625-1084.

FILM & VIDEO

The MIT Lecture Series Committee presents **Through a Glass Darkly** (Ingmar Bergman) at 7:30 in 54-100 and **The Accidental Tourist** (Lawrence Kasdan) at 7:00 & 10:00 in 26-100. Admission: \$1.50. Telephone: 258-8881.

Demon Pond, starring Tamasaburo, is presented at 7:30 in 10-250. Admission: \$2 donation.

The Brattle Theatre presents **Les Liaisons dangereuses** (*Dangerous Liaisons*, 1960, Roger Vadim), starring Jeanne Moreau and Gérard Philipe, at 4 pm, 6 pm, 8 pm, & 10 pm. Continues through November 2. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children (good for the double feature). Tel: 876-6837.

CRITIC'S CHOICE
The French Library in Boston presents Louis Malle's **Au Revoir les Enfants** (1987) at 8 pm. Also presented October 28 and 29. Located at 53 Marlborough Street, Boston. Admission: \$4. Telephone: 266-4351.

The Cambridge Center for Adult Education continues its series **Family Matters: Films of the 1980's** with **The Family Game** (1984, Yoshimitsu Morita, Japan) at 7 pm & 9 pm. Located at 56 Brattle Street, Cambridge. Admission: \$3.50. Telephone: 547-6789.

The Harvard Film Archive begins its series **The Cinema of Glasnost: Films from Armenia with Mechanics of Happiness** (1984, Nerses Hovanesian) at 7 pm and **Alien Games** (1986, Nerses Hovanesian) at 9 pm. Screenings at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children, \$5/\$4 for the double feature. Telephone: 495-4700.

The Museum of Fine Arts concludes its retrospective of **Anna Magnani** films with **The Rose Tattoo** (1955, Daniel Mann) at 5:50 and **Wild Is the Wind** (1957, George Cukor) at 8:00. Screenings in Remis Auditorium, MFA, 465 Huntington Avenue, Boston. Admission: \$4 general, \$3.50 MFA members, seniors, and students. Telephone: 267-9300.

The Boston Film/Video Foundation presents **A Woman in Half**, and other films by Michael Burligame, at 8 pm. Located at 1126 Boylston Street, Boston. Admission: \$5 general, \$4 BF/VF members, seniors, and students. Telephone: 536-1540.

EXHIBITS

Eyes of Time: Photojournalism in America opens today at the Boston University Art Gallery, 855 Commonwealth Avenue, Boston. Continues through December 10 with gallery hours weekdays 10-4 and weekends 1-5. No admission charge. Telephone: 353-3345.

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CLASSICAL MUSIC

***** CRITIC'S CHOICE *****
Mezzo-soprano Gloria Raymond and pianist Karen Sauer perform works by Schubert, Duparc, and Copland as part of the MIT *Voces at Noon* series at 12:05 in Killian Hall, Hayden Memorial Library Building. No admission charge. Telephone: 253-2906.

Pianist Eleanor Perrone perform an all-Chopin program at 8 pm in Killian Hall, Hayden Memorial Library Building. No admission charge. Telephone: 253-2906.

***** CRITIC'S CHOICE *****
Sinfonova Chamber Orchestra performs Beethoven's *Missa Solemnis* and Wagner's *Wesendonk Lieder*, and Beethoven's *Piano Concerto No. 3 in C minor, Op. 37* at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue, Boston. Tickets: \$19 to \$25. Telephone: 536-5755.

***** CRITIC'S CHOICE *****
L'Orchestre Symphonique de Montreal performs Schubert's *Symphony No. 3 in D Major*, Hindemith's *Symphonic metamorphoses on themes of Weber*, and Stravinsky's *The Firebird* at 8 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Tickets: \$25 and \$28 [see also reduced-price tickets offered through *The Tech Performing Arts Series*]. Telephone: 266-1492.

The New England Philharmonic performs Berlioz's *Symphonie Fantastique*, Mozart's *Concerto No. 4 for Horn*, and Gwyneth Walker's *The Light of Three Mornings* at 8 pm at First Congregational Church, 11 Garden Street, Cambridge. Tickets: \$10 general, \$5 seniors and students. Telephone: 868-1222.

The American VocalArts Quintet performs works by Schumann and others at 8 pm at the Tsai Performance Center, Boston University, 685 Commonwealth Avenue, Boston. Tickets: \$5 general, \$3 seniors and students. Tel: 353-3345.

The Boston Musica Viva performs works by Franco Donatoni, George Antheil, Donald Wheelock, and Paul Earls at 8 pm in Edward Pickman Concert Hall, Longy School of Music, Garden and Follen Streets, Cambridge. Tel: 353-0556.

The United States Army Chorus performs works by Brahms, Schubert, Bartok, and Martinu at 8 pm at the Boston Conservatory Theater, 31 Hemenway Street, Boston. Tickets are required but are free of charge. Telephone: 536-6340.

THEATER

Anne of Green Gables, the musical version of the classic tale, opens today at the Wheelock Family Theatre, 200 The Riverway, Boston. Continues through November 19 with performances Friday & Saturday at 7:30 and Sunday at 3:00. Tickets: \$7. Telephone: 734-5203 ext. 147.

PERFORMANCE ART

The Sex Life of Diogenes, by Julie Rochlin, and A Short History of the Late Cretaceous Period and Early Childhood, by Victor Young, are presented at 8 pm at Mobius, 345 Congress Street, Boston. Also presented Saturday, October 28. Telephone: 542-7416.

DANCE

***** CRITIC'S CHOICE *****
The Martha Graham Dance Company performs *Plain of Prayer* (1968), *Deep Song* (1937), *Embattled Garden* (1958), and *American Document* (1938/89) at 8 pm at the Wang Center, 270 Tremont Street, Boston. Also presented Saturday, October 28. *Night Chant* (1988), *Night Journey* (1947), and *Acts of Light* (1981) presented at 3 pm on October 29. Tickets: \$15.50 to \$28.50 [see also reduced-price tickets offered through *The Tech Performing Arts Series*]. Tel: 787-8000.

Saturday, Oct. 28

FILM & VIDEO

The MIT Lecture Series Committee presents *Cousins* at 7 pm & 10 pm in 26-100. Admission: \$1.50. Telephone: 258-8881.

***** CRITIC'S CHOICE *****
The MIT Student Center Committee presents *She's Got a Heart* (Spike Lee) at 11 pm in Lobdell Dining Hall. No admission charge.

EXHIBITS

The Harvard Film Archive continues its series *The Cinema of Glasnost: Films from Armenia with Burning* (1982, Dimitri Gesayan) at 7 pm and *Gikor* (1982, Sergei Israelian) at 9 pm. The HFA also continues its *Saturday Matinee* series with *The Skeleton Dance* (1929, Walt Disney) and *The Thief of Bagdad* (1940, Ludwig Berger, Michael Powell, Tim Whelan, & Zoltan Korda), starring Sabu, at 2 pm. Screenings at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children, \$5/\$4 for a double feature. Telephone: 495-4700.

EXHIBITS

Mahlzeit, a photographic installation by Cologne-based artists Bernhard and Anna Blume, opens today at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Continues through February 25. Telephone: 267-9300.

Paintings by Agnes Martin and sculpture by Donald Judd opens today at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Continues through February 25. Telephone: 267-9300.

CONTEMPORARY MUSIC

Gwar, The Zulus, and Joe perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$7.50 advance/\$8.50 at the door. Telephone: 451-1905.

The Boogaloo Swamis perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

Spacemen 3, Russ Tolman, Dredd Foote, and 7 or 8 Wormhearts perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tel: 247-8309.

The Bonedaddys and Tanki Flip perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$6.50/\$7.50. Telephone: 426-7744.

Baritone Benjamin Sears and pianist Bradford Conner perform *Grandfather's Clock*, a collection of the best in American song from before the Civil War to the present, at 8 pm at the Cambridge Center for Adult Education, Blacksmith House, 56 Brattle Street, Cambridge. Also presented Sunday, October 29 at 6 pm. Tickets: \$6 general, \$3 seniors. Telephone: 547-6789.

Libana performs at 8 pm at the Somerville Theatre, 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Telephone: 524-6698.

CLASSICAL MUSIC

The MIT Symphony Orchestra performs Schoenberg's *Suite for String Orchestra* and Sibelius's *Symphony No. 2* at 8:30 in Kresge Auditorium. Tickets: free in advance to MIT and Wellesley communities, \$1 at the door. Telephone: 253-2906.

*** CRITIC'S CHOICE ***

The John Oliver Chorale performs works by Roger Sessions, Charles Ives, Bright Sheng, Martin Amlyn, David Epstein, and William Cutter at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue, Boston. Tickets: \$7, \$14, and \$18 general, \$2 discount to seniors and students. Telephone: 965-0906.

The Boston University Wind Ensemble performs at 8 pm at the Tsai Performance Center, Boston University, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

Sunday, Oct. 29

CONTEMPORARY MUSIC

George Benson performs at 7:30 at the Opera House, 539 Washington Street, Boston. Tickets: \$20 and \$22. Telephone: 720-3434.

Montreux and Toninho Horta perform at 7 pm at the Berklee Performance Center, 136 Massachusetts Avenue, Boston. Tickets: \$16.50 and \$18.50. Telephone: 266-7455.

The Paul Winter Consort performs at 7 pm at Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Telephone: 641-1010.

The Butthole Surfers perform in an 18+ ages show at 8 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Crazy 8 performs at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

Mary's Danish, Blue Aeroplanes, and Gloria, Simone, & Glenda Harrison perform at 8 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

FILM & VIDEO

The MIT Lecture Series Committee presents *The Fearless Vampire Killers* (Roman Polanski) at 7 pm & 10 pm in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Somerville Theatre presents *Space Children* at 6:45 & 9:30 and *I Married a Monster from Outer Space* at 8:00. Also presented October 30 and 31. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Admission: \$5 general, \$3 seniors and children. Telephone: 625-1081.

The Harvard Film Archive continues its series *The Cinema of Glasnost: Films from Armenia with Gond* (1987, Harutun Khatchadourian) at 4 pm and *White Town* (1988, Harutun Khatchadourian) at 7 pm. The HFA also continues its series of *Non-Fiction Films* with *Les Maitres fous* (1955, Jean Rouch, Ghana/France) and *Chronicle of a Summer* (1961, Jean Rouch, France) at 5 pm in Room B-04. Screenings at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children, \$5/\$4 for a double feature. Telephone: 495-4700.

The Harvard-Epworth Church presents *Kid Boots* (1926, Frank Tuttle) at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge, just north of Harvard Square. Admission: \$3 contribution. Telephone: 354-0837.

CLASSICAL MUSIC

Pianist/composer Robert Phelps performs works by Duparc, Fauré, Helps, Liszt, Sessions, and others at 8 pm in Jewett Auditorium, Wellesley College, Wellesley. No admission charge. Telephone: 235-0320 ext. 2028.

The Franciscan String Quartet performs at 3 pm at the Gardner Museum, 280 The Fenway, Boston. Admission: \$5 general, \$2.50 seniors and students. Telephone: 566-1401.

Soprano Nancy Armstrong and the Boston Museum Trio perform arias by J. S. Bach and cantatas by Buxtehude and Mondoville at 3 pm in Remis Auditorium, Museum of Fine Arts, 465 Huntington Avenue, Boston. Tickets: \$12 general, \$10 MFA members, seniors, and students. Telephone: 267-9300.

Organist Hayko Siemens performs works by Antonia Vivaldi, Bach, Johann Ernst, and Johann Friedrich Fasch at 5:30 at Adolphus Busch Hall, 29 Kirkland Street, Cambridge. Tickets: \$5 general, \$4 seniors and students. Tel: 495-4544.

Monday, Oct. 30

CONTEMPORARY MUSIC
Barry Manilow performs at 8 pm at the Wang Center, 270 Tremont Street, Boston. Continues through November 2. Tickets: \$29.25 to \$35.75. Telephone: 787-8000.

Exene Cervenka and The Oyster Band perform in an 18+ ages show at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

CLASSICAL MUSIC

The MIT Concert Band performs their traditional Halloween concert at 6 pm in Lobby 7. No admission charge. Telephone: 253-2906.

FILM & VIDEO

The Harvard Film Archive continues its Monday series of *Soviet Cinema with My Name Is Ivan* (1962, Andrei Tarkovsky) at 5:30 & 8:00. Screenings at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children. Telephone: 495-4700.

Tuesday, Oct. 31

CONTEMPORARY MUSIC
Heretic, Cavedogs, and The Bags perform in an 18+ ages show at 9 pm at Citi Club, 15 Lansdowne Street, Boston, near Kenmore Square. Tel: 262-2437.

***** CRITIC'S CHOICE *****
Think Tree and Birdsongs of the Mesozoic performs at 8 pm & 11 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

Steve Stevens and Atomic Playboys perform at the Paradise, 967 Commonwealth Avenue, Boston. Tel: 254-2052.

Allen Sex Fiend is presented by Ground Zero in an 18+ ages show at Man Ray, 21 Brookline Street, Cambridge. Telephone: 492-9545.

The Poodles perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

CLASSICAL MUSIC

Collage performs at 8 pm in Edward Pickman Concert Hall, Longy School of Music, Garden and Follen Streets, Cambridge. Telephone: 776-3166.

Arthur Berger performs as part of the *Boston Composers Series* at 6 pm at the Gardner Museum, 280 The Fenway, Boston. Admission: \$5 general, \$2.50 seniors and students. Telephone: 566-1401.

THEATER

The Circle, W. Somerset Maugham's romantic comedy starring Rex Harrison, Glynis Johns, and Stewart Granger, opens today at the Colonial Theatre, 106 Boylston Street, Boston. Continues through November 12 with performances Tuesday-Saturday at 8 pm and matinees Thursday & Saturday at 2 pm and Sunday at 3 pm. Tickets: \$20 to \$42.50. Telephone: 426-9366.

The Casina and The Haunted House, Roman comedies by Plautus, are presented by Theater Ludicum at 8 pm at the Strand Theatre, 543 Columbia Road, Dorchester, near the JFK/UMass/Columbia T-stop on the red line. Also presented Friday, November 3. Admission: \$6. Telephone: 424-6831.

FILM & VIDEO

The Harvard Film Archive continues its Tuesday series *Images of Women on Film with Dance Girl Dance* (1940, Dorothy Arzner), starring Lucille Ball and Maureen O'Hara, at 5:30 & 8:00. Screenings at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children. Telephone: 495-4700.

Ongoing Theater

Alphabetical Order, Michael Frayn's award-winning comedy pitting the forces of modern efficiency against charming old-world chaos in the offices of a provincial newspaper, continues through November 19 at the New Repertory Theatre, 54 Lincoln Street, Newton Highlands, near the Newton Highlands T-stop on the Riverside "D" green line. Performances are Thursday & Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00 & 7:30. Tickets: \$12 to \$17 general, \$2 discount to seniors and students. Telephone: 332-1646.

Endgame, Samuel Beckett's absurdist masterpiece, continues through October 28 as a presentation of the A.K.A. Theatre at the Leland Center, Boston Center for the Arts, 539 Tremont Street, Boston. Performances are Thursday-Saturday at 8 pm. Tickets: \$8. Telephone: 536-2150.

Forbidden Broadway 1989, the latest updated version of Gerard Alessandrini's musical comedy revue, continues indefinitely at the Terrace Room, Boston Park Plaza Hotel. Performances are Tuesday-Friday at 8 pm, Saturday at 7 pm & 10 pm, and Sunday at 3 pm & 6 pm. Tickets: \$16.50 to \$24.50 depending on performance. Telephone: 357-8384.
(Please turn to page 18)

ANNOUNCEMENT FOR INTERNATIONAL STUDENTS FROM THE OFFICE OF CAREER SERVICES

The following companies and organizations are interested in international students for jobs in various locations. If a company visit to MIT, you may sign up in the Career Services Office immediately. If no visit is listed, you should contact the representative directly, and include a resume with your letter.

JAPAN

ESTECH Corporation
89-1, Yamashita-cho
Naka-ku
Yokohama
231 JAPAN
contact: Mr. Toshiro Abe

This company will visit MIT on October 31!
ESTECH is interested in Japanese SB/SM/PhD students in Courses 2 and 16; Course 1 if you have a strong background in structural dynamics; also if you have expertise in noise and vibration. Please see longer description of the company and the specific job descriptions (basically automotive industry-related) in 12-170; also sign for interviews immediately in 12-170.

Selnate Co., Ltd.
International Personnel Management and Education
Chrysler Building 5F
405 Lexington Avenue
New York, New York 10174
acting for:

Shimizu Construction Company, which is seeking Japanese or Japanese-speaking students for employment in Japan. Shimizu will hold interviews in Los Angeles on October 28, and in New York on November 4. The company will pay transportation expenses, and is interested in SB students from Courses 1, 2, 4, and 6. Contact 1-800-334-7241, and ask for Mr. Egawa.

Japan Educational Training System (JET)
2-18-27, Kamirenjaku
Mitaka-shi
Tokyo 181
JAPAN
Contact: Kevin Quist

Jet is seeking non-company sponsored Japanese students (SM/PhD, all fields) planning to return to Japan after graduation. See job descriptions in 12-170.

Nordson Corporation
28601 Clemens Road
Westlake, OH 44145
contact: Mrs. Barbara Phillips,
Manager of Corporate Human Resources
216/892-1580, extension 5234

Nordson is a manufacturer of equipment used to apply polymeric coatings, adhesives, sealants and performance chemicals. The company is interested in Junior and Senior EE students interested in long-term employment in Japan after an 18-24 month training period in Ohio. Fluency in both Japanese and English is essential. Job descriptions are available in 12-170.

Saitama Bank
44 Wall Street
New York, New York 10005
Contact: William Kelly
212-248-2690

Representatives from Tokyo will be in the Career Services Office (12-170) on October 30th in the afternoon, time to be announced. Call Career Services Office after October 25 for the time of visit (Anne Armitage 3-4733).

KUWAIT

The National Bank of Kuwait
Abdullah Al Salem Street
PO Box 95
Safat 13001
KUWAIT
contact: Mr. Ibrahim S. Dabdoub
Chief General Manager

The National Bank of Kuwait seeks SM and PhD Arabic-speaking students from Courses 14 and 15.

SINGAPORE

EDB Singapore
(Singapore Development Board)
55 Wheeler Street
Cambridge, MA 02138
contacts Heng-Yuen Chun
Director, Boston Office, and
Seah Kia Ger,
Director, Strategic Business Unit
Interested in speaking to students from Singapore;
specific information available from Mr. Chun and Mr. Ger.

ARGENTINA

SIDERCA
Organization Techint
Avda. Leandro N. Alem 1067-Piso 24
1001 Buenos Aires
ARGENTINA
attn: Mr. Renzo A. Terzano,
Director for Executives Recruitment and Training
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ARTS

Pokrovsky brings ancient Russian folk traditions to life**DMITRI POKROVSKY ENSEMBLE**

Dmitri Pokrovsky, artistic director.
Event in the International
Early Music Series.
Tremont Temple, October 21.

JUDAS MACCABAEUS

Nancy Armstrong, James Kleyla,
Laurie Monahan and
Rockland Osgood, soloists.
Boston Cecilia Period Instruments
Orchestra and Chorus,
Donald Teeters, music director.
Jordan Hall, October 22.

By JONATHAN RICHMOND

DMITRI POKROVSKY and his ensemble bring life to ancient Russian folk traditions on different levels: in last Saturday's concert in Boston, we heard a series of religious pieces in performances which conveyed their timeless sense of spirituality. Also on display were an abundance of secular numbers, done with infectious wit.

The evening began with earthy renditions of Cossack music, deep and throaty sounding. The plaintive polyphony of the western Russian religious works which followed was highly evocative. "Soft Light," a 16th century Russian Orthodox piece for Easter services was quite beautiful, its dirge-like effect both restful and refreshing. The "Halleluiah" which followed was upbeat and celebratory.

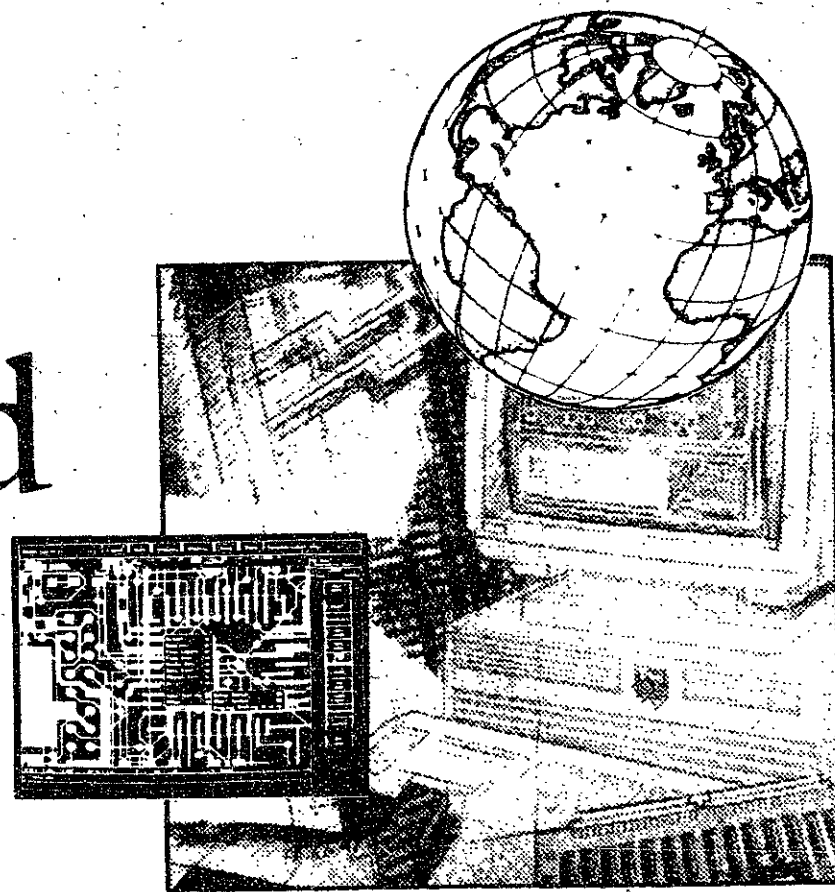
The Briansk region has a ritual fertility dance done with women and a goat; the Pokrovsky ensemble re-enacted it to hilarious effect. But the most unusual item on the first part of the program was a performance of wedding music played to ward off evil spirits on a *vargan* — a mouth harp popular in Russia. The variety of twanging effects *vargan* virtuoso Alexander Danilov produced was incredible. Many members of the audience laughed — the sound was certainly funny — but the performance was also gripping, even hypnotic.

(Please turn to page 17)



The Dmitri Pokrovsky Ensemble

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An evening of passionate Irish music from the Waterboys

THE WATERBOYS

With T. F. Much.
Orpheum Theater, October 22

By DEBBY LEVINSON

THE WATERBOYS ARE NOT A pretty group. One concert-goer called mandolinist Anthony Thistlethwaite "the ugliest man in rock and roll." Looks aside, however, Ireland's Waterboys are one of the sharpest and most dynamic groups around today. They are also one of rock's most spiritual groups — in a wholly secular sense of the word. An unmistakable passion infuses their music, and their concerts are so uplifting as to approach a religious experience.

Much of the Waterboys' appeal stems from leader/guitarist Mike Scott's often bitter lyrics. Like Bob Dylan, he is more of a poet than a songwriter, and his imagery is sometimes brutal, sometimes beautiful, as in "When You Go Away":

*Your beauty is familiar
And your voice is like a key
It opens up my soul
And torches up a fire inside of me.*

Scott resembles Dylan in other ways, too; his primary instrument is an acoustic guitar, and his voice is definitely an acquired taste. It is nasal and sometimes harsh, but it lends vitality to his songs.

The bulk of Sunday night's performance

— the first of two sold-out shows, the other on Monday night — was almost wholly acoustic, with members of the seven-piece band playing acoustic guitar, bass, violin, and accordion. There was also a heavy, but not surprising, emphasis on Irish instrumentation, with one Waterboy playing everything from *bodhran* to tin whistle to *uilleann* pipes. The unusual instruments were put to good use on several traditional folk songs — ancient Scottish tune "The Exile's Dream," one of Irish/Scottish origin called "The Raggle-Taggle Gypsy," and the delightful "Jimmy Hickey's Whirl," during which three couples waltzed between the band members. A Gibson electric guitar made only one appearance the entire evening in the surprising coda to an already-stunning "When You Go Away."

"When You Go Away" is one of the centerpieces of the Waterboys' most recent effort, *Fisherman's Blues*. Scott sang the simple phrase "I will cry when you go away" over the mournful accompaniment of Thistlethwaite's slide mandolin, and his cracked voice brought out the song's plainness and sorrow. The sudden violence of the concert version's electric coda was cathartic, even rousing.

Strangely, the band shied away from its older, more popular songs in favor of newer and less well-known ones. "This is the Sea," "Church not Made with Hands," and "Be My Enemy" failed to make an appearance, but the relatively unavailable track "Higher Bound" did. There

was a crackling "Medicine Bow" and a bluesy "Whole of the Moon," which saw Scott at the electric piano instead of his acoustic guitar. Of the *Fisherman's Blues* material, the title song and "Sweet Thing" (which contains Scott's husky interpretation of the Beatles' "Blackbird") were ex-

cellent.

"Excellent" is hardly a word that could be used to describe opening act T. F. Much. They sounded like an untutored version of Aztec Camera or Steely Dan, and to quote my companion, "They'd be good if they weren't so boring."

ATTENTION SINFONOVA SUBSCRIBERS!

If you have not yet received your tickets, please collect them from the Jordan Hall box office on Friday night.

All subscribers are invited to celebrate the opening of the new Sinfonova season with conductor Aram Gharabekian and pianist Steven Lubin at a reception to be held at

the Back Bay Hilton immediately after the conclusion of the concert. We'll look forward to seeing you there.

Additional single tickets for Friday's concert are available by calling 536-5755 or at the door: \$8 with student ID (\$19 regular price).

A Service of The Tech Performing Arts Series

notices

Volunteer Opportunities

The American Red Cross of Massachusetts Bay is seeking volunteers to help immigrants to achieve permanent residence status. Volunteers are needed to teach English and Civics classes in Boston, Cambridge, and Waltham. To join this project, call Lynn Klumb at (617) 262-1234.

The Cambridge Committee for Responsible Research is looking for volunteers to work in their office on a weekly or as-needed basis for special projects. CRRR, located next to the Porter Square T stop, works to provide public accountability in animal experimentation. For more information, call (617) 547-9255.

Jewish Family and Children's Service needs volunteers to help Russian immigrants learn and practice English. For more information, call Joanne Spector at 566-5716.

Volunteers Needed for Soviet Resettlement. Help newly-arrived Soviet immigrants improve their English language skills. Volunteers are needed for two hours weekly to visit an immigrant family in their home and help them make a new life in Boston. For more information, call Joanne Spector at (617) 566-5716.

The Massachusetts General Hospital is looking for people with acne, psoriasis, warts, and nail fungus for clinical studies with a new topical medication. For more information, call (617) 726-5066. All visits and treatments are free of charge to all qualified participants, and a remuneration will be granted at the end.

Tutoring Plus is looking for volunteer Big Brothers, Big Sisters, and Tutors to work with area youths. The commitment is 2 to 5 hours a week. If you are interested, please contact Ann Budner at (617) 547-7670.

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Cecilia Orchestra and Chorus does justice to Judas

(Continued from page 15)

An instrument called a *gusly* produced music rather like bluegrass; an accelerating square dance later swept the women in the ensemble off their feet. To close, the ensemble went dancing into the lobby and, joined by the audience, brought the evening, to an end in an atmosphere of high spirits.

JUDAS MACCABAEUS may have a banal libretto (by Thomas Morell) but the story of Maccabee's triumph over Antiochus and the liberation of Jerusalem has been given some wonderful music by Handel. The orchestra and chorus of the Boston Cecilia did it justice. Solo performances were competent if not consistently remarkable. Laurie Monahan was the most impressive of the soloists. Her rendition of "Father of Heav'n" was nuanced and particularly moving; she was consistently the most emotionally involved of the singers. Nancy Armstrong's

singing was pretty and sometimes colorful, but not always up to the expressiveness of Handel's music. Along similar lines, the performances of Rockland Osgood and James Kleyla were on firm ground, but fell short of probing the deeper meanings in the score.

The Cecilia chorus, however, was remarkable, beautifully balanced and flexible in sound. Here was real Handelian singing, bold and full of drive for the famous "See, the conqu'ring hero comes," but drawn to pathos in the more serious numbers.

Orchestral sound was equally rich, the thrustful blasts of virtuoso trumpet playing equaled by the piquancy of quieter moments for cello or organ. Individual orchestral voices contributed many moments of delight; the blending of their messages into a serenely-fashioned unity gave the performance a coherence that drew its drama together.



Laurie Monahan, Donald Teeters, and Nancy Armstrong rehearse Handel's *Judas Maccabaeus*.

The Tech Performing Arts Series presents...

MONTREAL SYMPHONY ORCHESTRA

Charles Dutoit will conduct the Montreal Symphony Orchestra in a program including Schubert's *Symphony no. 3*, Hindemith's *Symphonic Metamorphosis on Themes of Weber*, and classic Stravinsky piece *The Firebird*.

Symphony Hall, October 27 at 8 pm.
MIT price: \$6.

MARTHA GRAHAM DANCE COMPANY

One of America's most famous and inspired choreographers brings her dance company to Boston.

Wang Center, October 28 at 8 pm.
MIT price: \$9.

ORCHESTRA DE LA SUISSE ROMANDE

Armin Jordan will lead the Orchestre de la Suisse Romande in Beethoven's *Piano Concerto No. 2*, with Martha Argerich, soloist, Debussy's *Jeux — Poeme-danse & La mer*, and Jost Meier's *Musique concertante*.

Symphony Hall, November 7 at 8 pm.
MIT price: \$6.

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. Office hours posted on the door. Call x3-4885 for further information.

The Tech Performing Arts Series, a service for the entire MIT community, from The Tech, MIT's student newspaper, in conjunction with the Technology Community Association, MIT's student community service organization.



Interested in the Arts?

The Tech Arts department is looking for writers interested in reviewing classical and jazz performances, books, dance, theatre, and art. If you'd like to write arts, call Debby Levinson at The Tech at x3-1541.



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M-F 9:15-5:30
SAT 10-4



ARTS

On The Town
Compiled by Peter Dunn

★ ★ ★ CRITIC'S CHOICE ★ ★ ★
Jeeves Takes Charge, Edward Duke's award-winning, one-man, hilarious homage to P. G. Wodehouse, continues through November 2 at the Hasty Pudding Theatre, 12 Holyoke Street, Cambridge. Performances are Tuesday-Saturday at 8 pm with matinees Saturday at 2 pm & Sunday at 3 pm. Tickets: \$17 to \$22; Tel: 576-1602.

Kiss of the Spiderwoman, the tale of two dissimilar political prisoners, continues through October 29 as a presentation of the Boston Theatre Workshop at the C. Walsh Theatre, 55 Temple Street, Boston. Performances are Thursday-Saturday at 8 pm and Sunday at 7 pm. Tickets: \$10. Telephone: 573-8680.

Steel Magnolias, Robert Harling's off-Broadway play about the lives of six women in a small Louisiana town, continues through October 29 at the Wilbur Theatre, 246 Tremont Street, Boston. Performances are Tuesday-Saturday at 8 pm with matinees on Thursday & Saturday at 2 pm and Sunday at 3 pm. Tickets: \$25 to \$37.50. Tel: 426-9366.

Tennessee Williams's Sweet Bird of Youth continues through November 5 at the Back Alley Theatre, 1253 Cambridge Street, Cambridge. Performances are Thursday-Sunday at 8 pm. Tickets: \$12 general, \$10 seniors and students. Telephone: 491-8166.

Ongoing Exhibits

ON CAMPUS
 Richard Ross: *Museology Triptychs*, photographs taken with a child's plastic camera to capture details of old master paintings from museums around the world; *Remo Campopiano: In Residence*, featuring a room-size installation

including a coffee-table landscape inhabited by a colony of live ants; and *Trouble In Paradise*, New England artists addressing topical political and social issues through a variety of mediums, continue through November 19 at the List Visual Arts Center, MIT Wiesner Building E15. Gallery hours are weekdays 12-6 and weekends 1-5. No admission charge. Telephone: 253-4680.

Lahore: The City Within, an exploration of the cultural, artistic, and architectural center of Pakistan, continues through December 17 at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and weekends 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

★ ★ ★ CRITIC'S CHOICE ★ ★ ★
Image and Imaginations: 150 Years of Photography, an exploration of the evolution of the technology of photography, continues through December 31 at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

★ ★ ★ CRITIC'S CHOICE ★ ★ ★
Artists Behind the Desk, a juried support staff exhibit sponsored by the MIT Working Group on Support Staff Issues, continues through January 12 at the MIT Museum Compton Gallery, between lobbies 10 and 13. Gallery hours are weekdays 9-5. No admission charge. Tel: 253-4444.

Holography: Types and Applications, drawn from the work of MIT Media Lab's Spatial Imaging Group, continues at the MIT Museum, 265 Massachusetts

Avenue. Museum hours are Tuesday-Friday 9-5 and weekends 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

OFF CAMPUS

Landscape Photographs, a selection of rare, turn-of-the-century photographs from the collection of the Frances Loeb Library, continues through October 28 at the Gund Hall Gallery, Harvard University Graduate School of Design, 48 Quincy Street, Cambridge. Gallery hours are Monday-Friday 9-5, and Saturday-Sunday 12-5. No admission charge. Telephone: 495-9340.

Ceramics/Jewelry 1989, works by Vaughan Smith, Jacqueline Cohen, Ami Hirata, Gayle Prunhuber, Shirley Drevich, Celia Landman, Michele Krespi, and Christine White continues through November 5 at Ten Arrow Gallery, 10 Arrow Street, Cambridge. Gallery hours are Monday-Saturday 10-6, Thursday 10-9, and Sunday 1-5. Tel: 876-1117.

★ ★ ★ CRITIC'S CHOICE ★ ★ ★
Mary Cassatt: The Color Prints, 23 major color prints shown in groups of up to nine versions, continues through November 5 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Upcoming Events

Timbuk 3 at the Paradise on November 4. **The Eurythmics** at the Worcester Center on November 7. **Stevie Ray Vaughn & Double Trouble** and **Jeff Beck** at the Worcester Center on November 8. **The B-52's** at the Orpheum Theatre on November 10 and 11. **Joe Strummer** at the Paradise on November 13. **Spyro Gyra** at the Berklee Performance Center on November 19.

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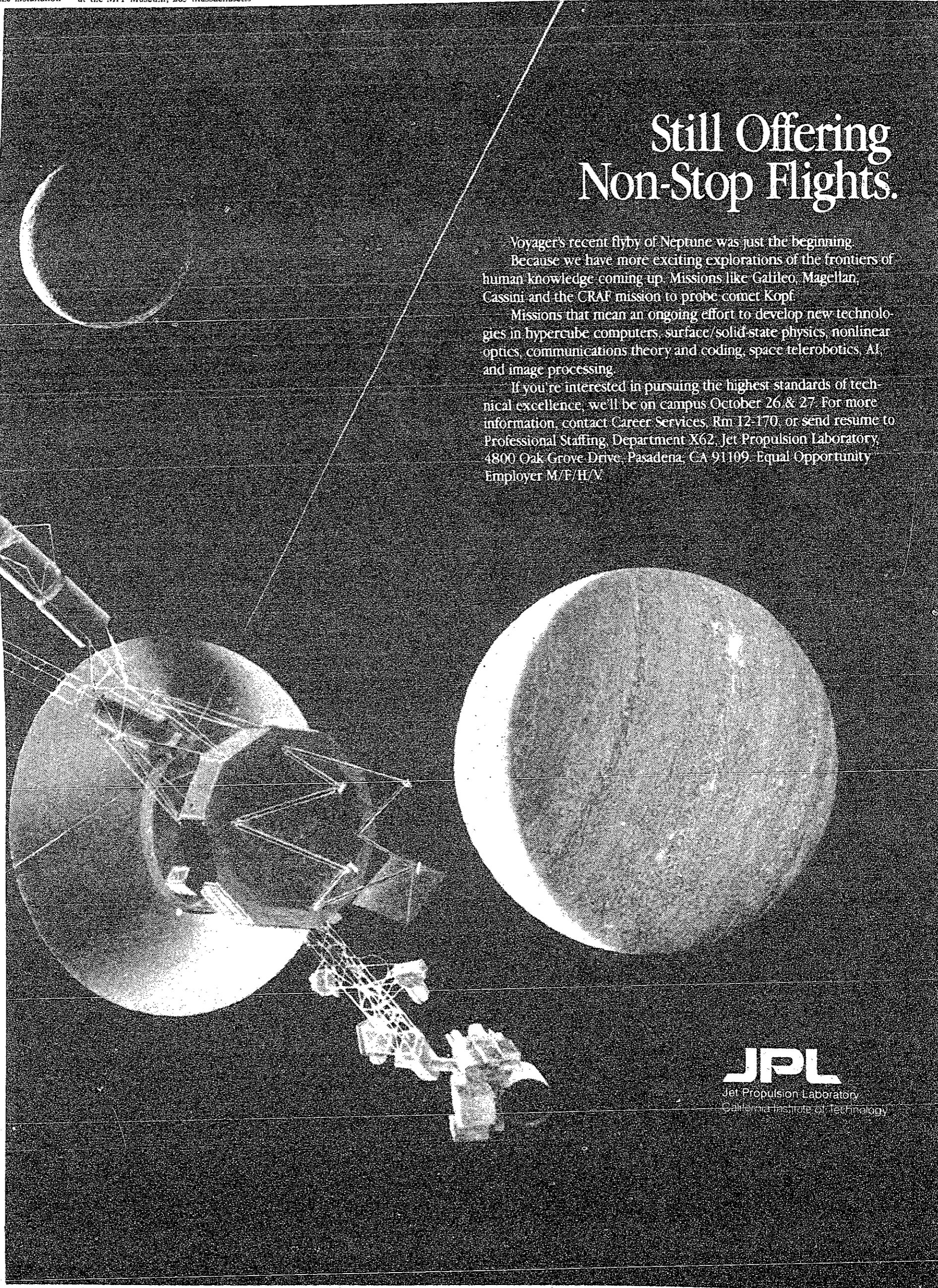
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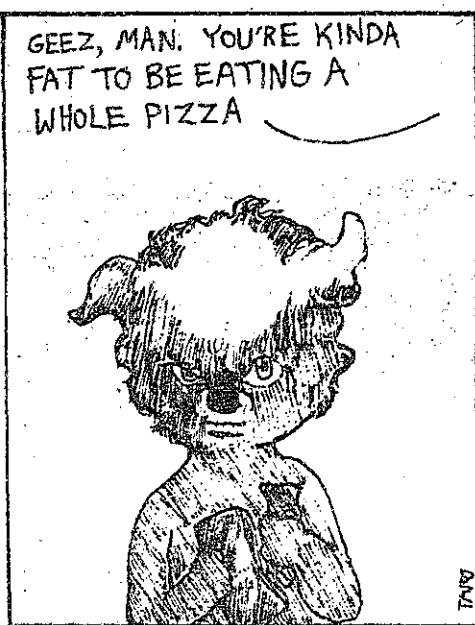
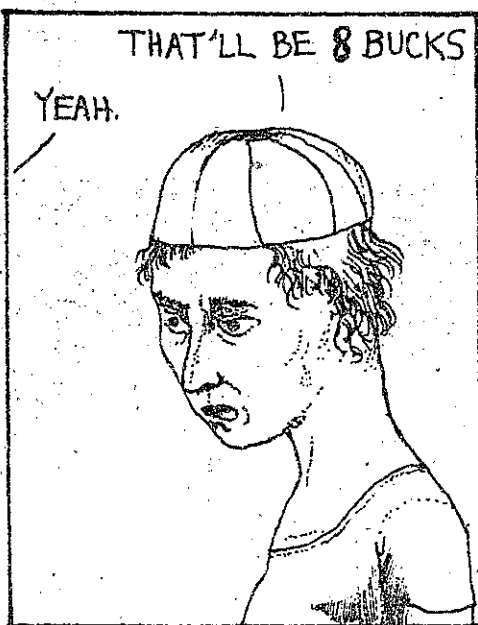
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TAARO OHKAWA

Police union criticizes MIT on labor talks

(Continued from page 1)

gangs to the MIT community. Sarduli said that the threat was real, and noted that gang members have been "sitting on the steps" of some Institute buildings during the night.

In her statement, Glavin said that she had "instituted the 6 pm-2 am police shift" for reasons of "public safety," which she called her "paramount concern as chief of police."

Sarduli acknowledged that such a schedule had been instituted, but said that it didn't let police officers get enough sleep. He proposed having officers alternate shifts at 4 pm and midnight, which would let the officers sleep eight hours a night.

One issue on the bargaining table has remained unresolved since two years ago, when the Police Association was involved in a similar labor dispute. The union would like a "4-2 schedule," which would give them two days off for every four days of work. According to Sarduli, policemen on such a schedule average 37.5 hours a week, as opposed to the 40 hours that the contract requires. He said that since campus police consider themselves "on par with Boston and Cambridge police departments," it would only be fair "to be compensated with the same work schedule that those departments have."

Health benefits also at issue

The Police Association is also opposed to a reduction in health benefits which MIT is requesting. According to Simonides, the Institute looks at "the increasing cost of medical care" every year. He said that this year, MIT offered to pay part of the union's health benefits, if the union members would pay for the other part. According to the union's flyer, this would amount to "a wage cut of about one percent" for campus police officers.

Sarduli said that such a plan was unfair to the officers, and that it was "hard enough to survive without the university trying to push the police backwards." He noted a \$77 million surplus in the pension fund which MIT is unwilling to use to pay for health benefits, and added that Institute negotiators had originally denied that such a surplus even existed.

Only 40 patrolmen are currently negotiating with MIT for a new contract. Two years ago, negotiations reached a similar impasse after more than a year of negotiations. The union then decided to suspend negotiations until a replacement had been found for then-Campus Police Chief James Olivieri, who had previously announced his intention to retire at the end of the year.

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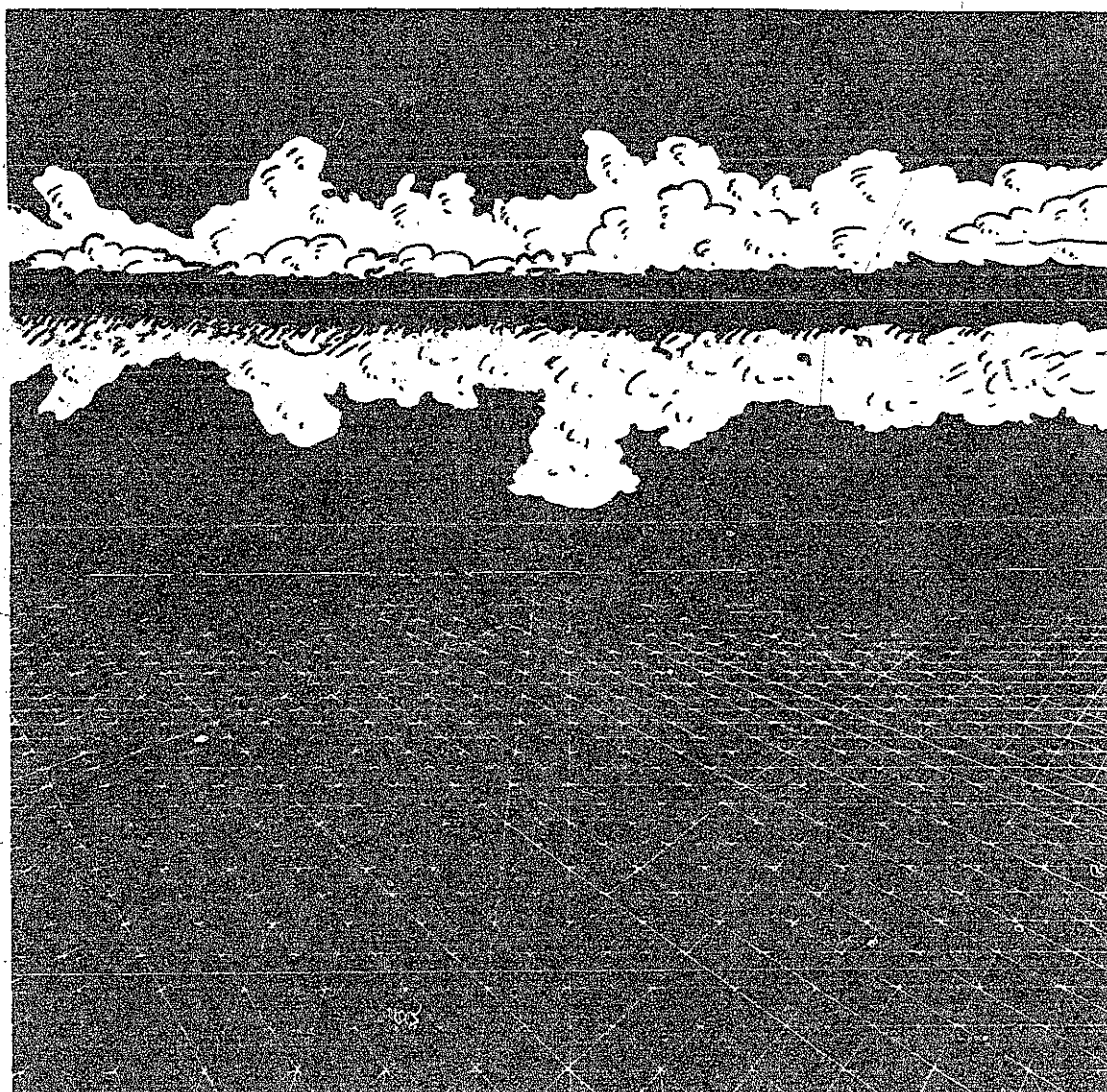
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AIDS victim gives first-hand account



Sidney Borum talks with MIT students about his personal experience with AIDS. William Chu/The Tech

(Continued from page 1)
 a person with AIDS is not necessarily ill. "Do I look sick to you?" asked Borum, "I don't consider myself sick."

What he has, Borum says, is a disease — or as he pronounces it "a dis-ease." The AIDS virus in itself isn't fatal, but the fact that it leaves the infected person defenseless against various complications is fatal. There are 19 afflictions that an AIDS victim is susceptible to that a person with normal defense functions will not contract.

The first thing that does strike one about Borum is his energy and animation. A person with AIDS is still a human being, Borum said, and is still capable of leading a healthy productive life.

Many misunderstandings about the disease have occurred through the media, Borum said. The misconceptions that people have is half the battle over the stigma about AIDS. Once being tagged as HIV positive, not only does the victim have to deal with the fact itself, but he or she also has to face the social isolation that often ensues, Borum explained. Many infected individuals are disowned by their families and shunned by friends. In Borum's case, he was lucky to have a supportive family. But when Borum's work colleagues found out he had contracted the disease, they went to his boss and demanded that he be fired.

Borum had an equally bad experience with his medical treatment. Initially, he was improperly diagnosed as having a thyroid condition. When he was subsequently properly diagnosed, the medical staff put him in an isolation ward and instructed the personnel to treat him wearing face masks and rubber gloves. Unsatisfied with the medical care that he was receiving, Borum checked himself into a second hospital where he received more professional and humane care.

Today, and for the rest of his life, Borum must exist on a strict regiment. Every four hours, day and night, he takes the drug AZT and periodically gets misted with aerosolized pantamadine. Both drugs help prevent the onset of illnesses that he has lost immunity to.

The costs of these drugs sum to \$18,000 a year. Borum qualifies for Medicaid and that covers the cost of his medicine. This is not the case for many other HIV positive individuals who can't afford the high prices, Borum said. These drugs are still experimental, and AIDS research is complicated by the fact that the virus cannot survive outside its human

host. Therefore all the testing needs to be performed either on viruses that are similar to AIDS or directly on AIDS patients who volunteer.

The most common way AIDS is transmitted is through direct blood contact, specifically the practice of sharing needles among intravenous drug users, according to Borum. The exchange of other bodily fluids, such as semen, vaginal fluids, and breast milk, can also spread

the virus, Borum said.

People who are sexually active are a high risk group. Borum strongly advocated that those who are sexually active must practice safe sex, particularly the use of condoms. Asked if saliva could also be the route of transmission, Borum replied an amount on the order of 9.6 gallons of saliva would have to be exchanged to represent a significant risk.



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Student Ctr. activity space reworked

(Continued from page 1)

ery student activity to express its opinion about renovations decisions, according to Strehle. He commented that everyone who approaches the client group citing a need for extra office space will be looked at equally.

"There is only so much space on the fourth floor, and so many deserving activities," Strehle said, "our decisions will be based on how well an activity plans to use the space, not on how 'good' the activity has been in the past."

Strehle noted that any decision made by the client group concerning space allocation must be approved by the ASA Executive Committee, which can be appealed to by the student body.

The client group also plans to work with the student activities that currently have offices in the Student Center by deciding what logistical changes will benefit the activities, according to Robert.

Walker Memorial office space

Leaders of several student activities in Walker Memorial have raised questions about the status of student offices in that building. Alan Lasky G, of the Special Effects Club, Peter Rexer '91, of Pershing Rifles, and Larry Appleman G, of *Voo Doo* and *Tool & Die*, all feel that their space in Walker is not guaranteed to remain theirs.

According to ASA's Robert, student activities in Walker have no reason to fear losing their space due to any renovations conducted by the ASA.

"The only reason we would deallocate office space is if we find [during the ASA's periodic space review] that the office space is not being used anymore," Robert said.

Tewhey said he is in complete

agreement with Robert concerning the possibility of student activities in Walker losing their space in the process of renovating Stratton or Walker.

As far as the future of Walker Memorial is concerned, Tewhey said that Walker's long-term future use at the moment is totally undecided.

According to Appleman, research conducted by students — including Bryan Bradley '89 — has given students activities in Walker cause to believe that promises made by the administration have not been kept in the past and may not be kept now.

Bradley claimed that in the past, the Office of the Dean for Student Affairs and the ASA have been gradually withdrawing office space from student activities in Walker. He questioned the fairness of ASA decisions, labeling past decisions "completely arbitrary."

The Campus Activities Complex's Walsh, who is in charge of day-to-day maintenance of Walker, said that the future use of Walker "is not an active issue right now." He noted that the future of Walker will eventually be decided at a senior level of the MIT administration.

Building 20 may soon be demolished

One other issue that has been brought up in connection with how future renovations in general will affect student activities is the future of Building 20.

According to Bradley, Building 20 will definitely be torn down soon. There is presently some student activity office space in that building, and Bradley questioned what will happen to it if the building is torn down.

Doreen Morris, assistant to the provost, noted that the provost issued a memorandum in Octo-

ber 1988 calling for the eventual demolition of Building 20. And in January 1989, a space utilization document detailed how Building 20 space is currently being used. According to the document, the three student activities in Building 20 occupy two percent of the total space.

A broader-based faculty committee, Morris said, will soon be assembled to discuss, among other things, what kind of relief areas will be used for the offices that Building 20 now houses.

Bradley called for the administration to issue a guarantee to Building 20 activities assuring them that their space will not be taken away without an equivalent replacement.

In response to Bradley's request, Morris said the Provost's Office cannot make such a guarantee at this time.

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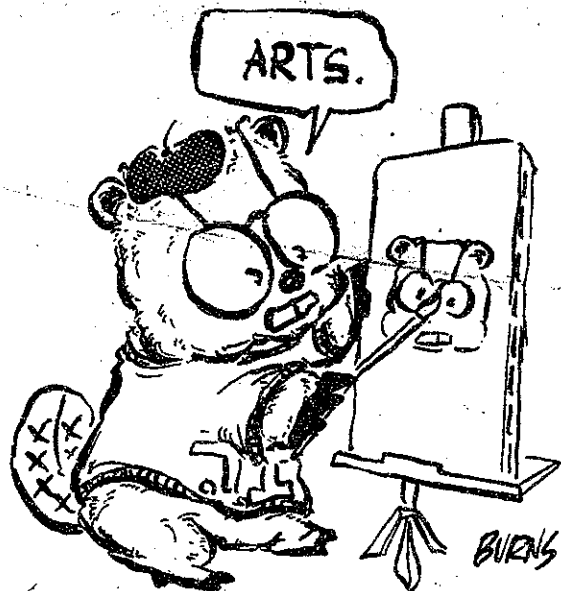
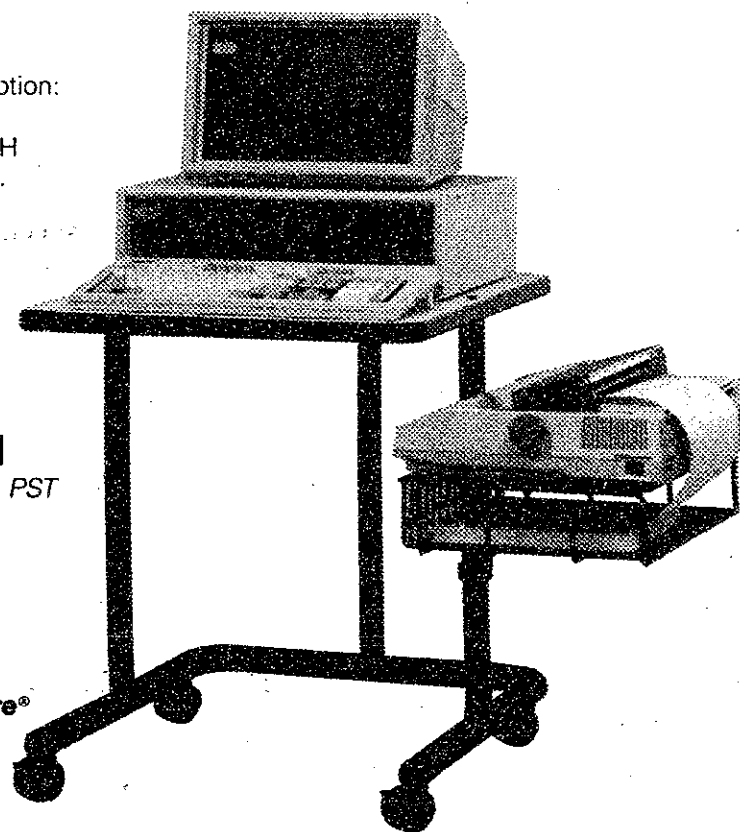
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Blix advocates nuclear power

(Continued from page 1)

dioxide emissions is possible only through international action such as limiting the burning of fossil fuels, Blix said. This, however, raises formidable political problems, as developing nations depend on these energy sources. The two recipes that environmentalist groups have to combat the greenhouse effect are energy conservation and the rapid development and use of renewable energy sources, in particular wind and solar power, Blix said.

Blix approached the energy conservation issue with an analogy; future cars will certainly get more miles per gallon than the present generation, but getting the car owners to drive fewer miles is a much more uncertain proposition. While there remains "considerable potential for energy saving" the possibilities must be kept in a "real world perspective," he stressed.

If one excepts hydropower, renewable energy sources contribute less than 0.3 percent of the global energy supply, Blix stated. He felt that much work still remains in reducing the costs of solar and wind generators if they are ever to be economically competitive.

The two energy sources which are technically and economically proven on a large scale and which can produce large amounts of energy without adding significantly to sulphur dioxide, nitrous oxide(s), or carbon dioxide emissions are hydroelectric power and nuclear power, Blix asserted.

Of these, hydroelectric power has a limited exploitable potential left in the industrialized world. There is however, still a very large hydro capacity in the developing world which should certainly be harnessed where environmental concerns can be met, Blix said.

Nuclear power now provides 17 percent of the world's electricity and five percent of its primary energy. Its importance however, "is very different in different countries." Blix cited the case of France, the world leader, which has 70 percent of its electricity coming from nuclear power. Its large nuclear power capacity enables France to generate more electricity than it needs itself and

to export electricity valued at more than \$1 billion per year.

On the other end of the spectrum are Italy, Switzerland, West Germany, Belgium, and the Netherlands that are cutting down on nuclear power and countries like Austria, Denmark and Ireland that have renounced it entirely. In the United States itself, no plant ordered since 1973 has been completed, he said.

Opposition to nuclear power

According to Blix, the main points of opposition to nuclear power are: nuclear power is said to increase the risk of proliferation of nuclear weapons; the risk of accidents with serious consequences are said to be unacceptable; the waste problem is said to be unsolved; and the use or non-use of nuclear power is said to be irrelevant to the greenhouse effect.

Blix stressed that "none of the present nuclear weapon states began with nuclear power. The weapons came first." And with regards to safety considerations involved in nuclear plants, Blix cited the work of numerous teams and agencies in trying to standardize regulations.

In the context of nuclear waste disposal, Blix mentioned that it is "desirable to delay ultimate disposal of waste or unprocessed spent fuel for some 30-50 years to allow it to lose much of its heat and radioactivity before packaging it and depositing it." A number of actual repositories for low and intermediate level radioactive waste are already working well, he added.

"The sooner we face up to the reality, the better the chances are for energy policies to meet the threat of global warming," Blix declared. Working towards maximum energy conservation, reforestation and an expanded use of renewable sources of energy is "desirable but not enough."

"We must ensure that nuclear power performs safely and economically well, that an international nuclear safety culture is established. We must overcome resistance to the construction of facilities for the storage of spent fuel and the disposal of waste," he urged.

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When? Original works of art should be submitted Nov. 13. The exhibition runs from Nov. 17 through Dec. 9. Pick up entry information at the Office for the Arts (E15-205), the List Visual Arts Center (E15-109) the Student Health Resource Center (W20-547), or the Medical Dept. (E23-205). For more information call Ron Platt at 253-4400.

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Poster group suggests alternatives

(Continued from page 1)

Listing campus activities in an announcement section of *The Tech*, as a combined service of the paper and the Campus Activities Office, is another possibility, according to D'Agostino. The lowering of advertising rates for all student activities was also discussed by the group.

Providing a monthly activities calendar, or "on-line information on what's happening," which students could access through Project Athena is another alternative to supplement postering for activity meetings and events, D'Agostino said.

A more effective use of on-campus bulletin boards has also been discussed by the group. One way of doing this is to group the bulletin boards according to type; some would be designated "for-sale" boards, others daily boards, still other social boards.

D'Agostino cited the Lobby 7 daily board that was started last year as an example. And although the board "did not really take," D'Agostino learnt from the failed attempt. First, since the "changing of habits takes time" the boards should be located in areas which are part of students' daily routine. A "big publicity push" and an "attention-grabbing" format are also necessary, he added.

The centralization of these alternative publicity sources "through the Campus Activities Complex" was also discussed, Strehle said. This would allow activities to publicize in several sources by placing just one phone call, thus minimizing the amount of effort on the part of the activities, he added. This might also lead the information desk, already set-up on the first floor of the Student Center, to become

more of a central focus for activity information.

The group also hoped to stop the postering of commercial flyers, such as credit card and travel ads. This "would take away a lot of the visual pollution" that plagues the Infinite Corridor, D'Agostino said.

Each of these alternatives are "seen as a net good" by most members of the client group, D'Agostino said. But since "different segments of the community will favor different things," he explained, the debate will arise over how much effort is justified for each of these ideas.

Establishing a new poster policy

"Postering is unique in that it is passive; the reader doesn't have to exert any extra effort to read it," D'Agostino commented. In contrast, he explained, the suggested alternatives "don't have this special quality of grabbing the individual without his having to take the initiative." Strehle also recognized that postering is "a terrific way to get information across." That is why "there will always be postering at MIT," he said.

But the current poster policy "is clearly not working," according to Strehle. Under this policy students can "poster only on bulletin boards designated for student activities," cannot poster on any walls or windows and must take down their own posters, he said. The policy is enforced daily by Physical Plant, who takes down all posters which do not comply, and "there are no fines," he added.

Having suggested several viable alternatives for publicizing student events, the group now needs to get down to the "not-so-agreeable job" of establishing an ef-

fective poster policy. Since it involves deciding on exact wording, and establishing possible punishments, this part of the process is "a little stickier," D'Agostino said.

Most members of the group agree that the goal is a "policy that is going to make sense to everybody," D'Agostino said. The group does not want "a war-time solution," which would pit physical plant against posterers, he added. "Enforcing an unfriendly policy would not be easy" and this fact is in the "minds [of members] as they come to the details" of policy-making, he explained.

Strehle argued against establishing fines as part of the poster policy, convinced that there are "better ways" to encourage compliance. If fines were to be included in the policy, a problem would arise over who would have to pay, he said. The money should not come from the UA Finance Board since "they are already strapped," he explained, nor should it come from individual students since this would be "penalizing those who are active."

Perhaps the biggest accomplishment of the group to date is that, through discussion, all the members have begun to see other perspectives, D'Agostino said. The Postering Policy Group consists of undergraduate and graduate students, administration and Physical Plant officials and these "different people come with different biases and perspectives," he noted. But within two meetings the "students have become aware of the need for a poster policy and the administration has become more convinced of how important postering is," he added.

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sports



Susie Wee '90 sends the ball down the field in the first half of Saturday's game against Southeastern Massachusetts University. SMU won 1-0 in overtime. Frank Espinosa/The Tech

Once a powerhouse, SMU falters from NCAA penalty

Feature

By Shawn Mastrian

The MIT football program is alive and strong. The team record is 3-1-1, a winning season is guaranteed with patsy Assumption in town Saturday, and no team members have been arrested recently. With this in mind, it's time to look down on some less fortunate programs. This week, the obvious choice is Southern Methodist University.

SMU used to be a perennial football powerhouse. They produced the likes of Eric Dickerson and Craig James not so long ago. But they were naughty. They broke NCAA recruiting rules time and time again.

The Mustangs have just come off the NCAA's "death penalty", which eliminated football from their school for the last two years. They have fielded this season a team of first year players with no experience. They played Saturday against a University of Houston team which leads the nation in offense. They lost, 95-21.

Seventy-four points is a lot to lose by. Ninety-five points is a lot to have scored against you (the Cleveland Browns have allowed seven less over six games). Just imagine how badly the Mustangs would have lost by if the first stringers were not pulled at half-time by Houston.

The porous SMU defense allowed the Houston offense to move the ball 1021 yards against them. If you think about that, that's nearly two-thirds of a mile. I can barely run that far in a 60 minute time span, let alone with 11 guys trying to prevent me from doing it.

Andre Ware, Houston's first string quarterback, threw for 517 yards in the first half, on only 25 completions. If he kept that up for the entire game, he would have thrown for 1034 yards. By comparison, the Patriots have thrown for 1122 yards in their first six games.

Poor SMU. Having to face such a team after getting off the "death penalty". Almost makes you feel sorry for them. Almost.



Jeremy Yung/The Tech

Even under the blue skies, Saturday was a soggy day for some sailors in the Northern Series V regatta.

Upcoming Home Events

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sports

Men's cross country team falls to Tufts University

By Dermot J. Peterson

On Saturday the Tufts University Jumbos made the trip back to Kendall a long one for the men's cross country team. The Fellsway in nearby Stoneham witnessed an inferior outing by the harriers. The dual meet served as the final tune-up before the All-New England Cross Country meet this Friday at Franklin Park in Roxbury.

Tufts, ranked fourth in last week's New England poll, put runners in the win, place and show slots. The Tufts trio of Swift, Keane and Rich crossed the finish line just a few steps ahead of MIT's Jim Garcia G. Tufts followed with an impressive 5-6 combination to finish with 17 points to MIT's 44. Cool, breezy conditions over the muddy course contributed to a slow winning time of 26:38 over the five mile route. In cross country, however, times are irrelevant and place is everything.

MIT started aggressively as Dave Afshartous G and Jon Gladstone '92 led through the first half-mile. Afshartous soon fell prey to his chronic shin

splints, and fell off the pace. Gladstone followed, and finished in the back of the pack. National class runner Sean Kelley '90 finished seventh. He was somewhat disturbed with his finish, but anticipated a stronger finish at the national qualifying meet three weeks from now.

Other Beaver scorers included Nathan Getrich '91, Ted Manning G, James Williams '91, 1500-meter All-American Mike Piepergerdes '92, and Gladstone finishing in the 10th, 11th, 12th, 14th and 15th positions.

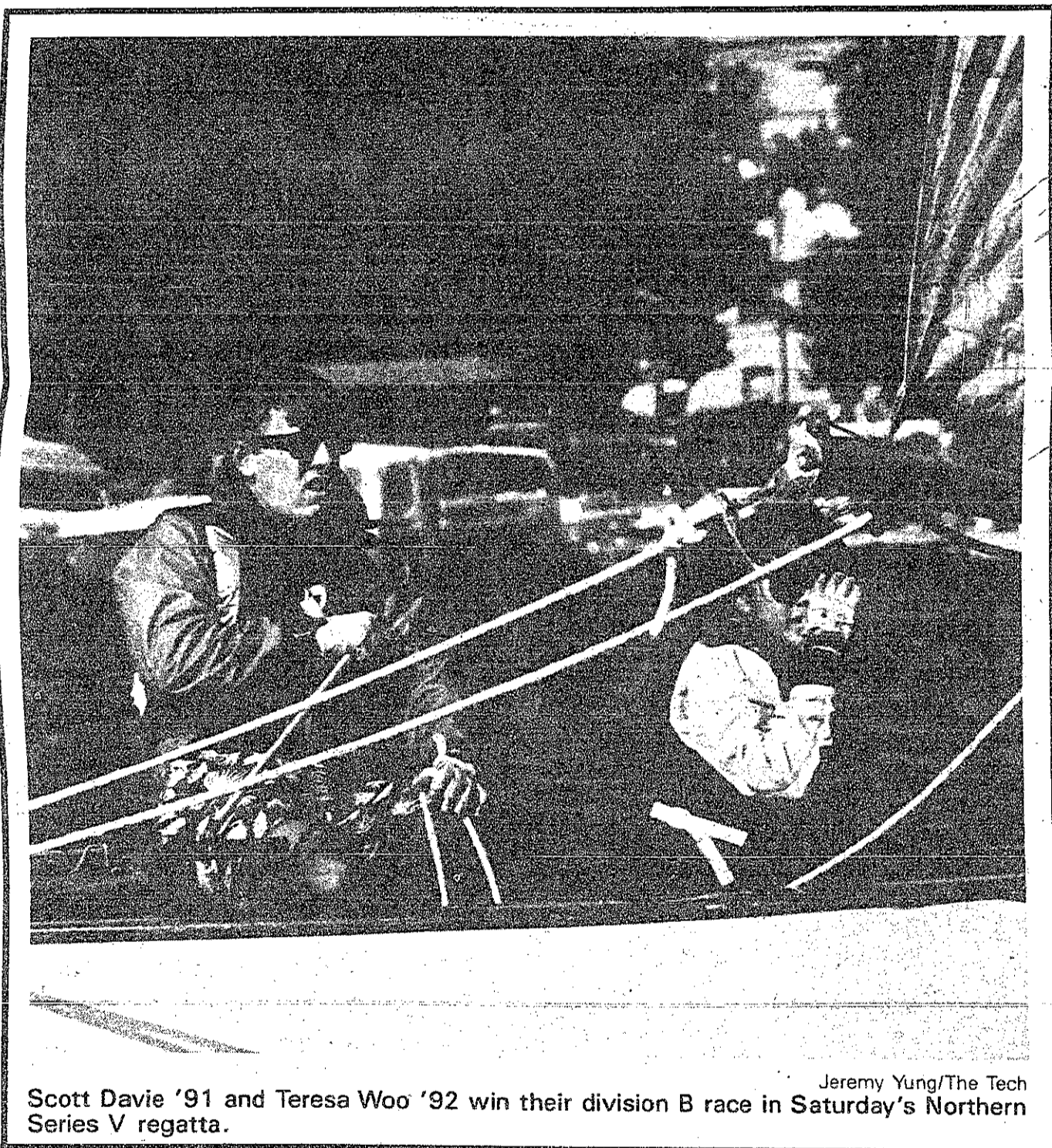
The 27-point loss can easily be overlooked with an improved performance at the New Englands and the National Qualifiers. These meets provide the test for which all teams practice from the beginning of the season. Afshartous commented, "It would have been great to win this meet. Although it was a humbling blow, maybe it will do us some good in the long run." In cross country, the long run is all that matters.

(Dermot Peterson G is a member of the men's cross country team.)



Photo courtesy Margot Gladstone

MIT runners Dave Afshartous G, Nathan Getrich '91 and Jon Gladstone '92 control the lead at the half-mile mark in Saturday's cross-country meet against Tufts.



Scott Davie '91 and Teresa Woo '92 win their division B race in Saturday's Northern Series V regatta. Jeremy Yung/The Tech

Sports Update

Football victorious

The football improved its record to 3-1-1 as they dismantled Siena, 6-0, on Saturday. The lone MIT score came on a scoring strike from Tim Day '89 to Tony Lapes '90 from 25 yards out. Neither offense was able to produce much as an extremely muddy field made for poor footing, with the defense holding Siena to just 98 total yards. The team plays Assumption College in its homecoming this Saturday.

MIT 6, Siena 0

| | | | | | | |
|-------------|---|---|---|---|---|---|
| MIT (3-1-1) | 0 | 6 | 0 | 0 | - | 6 |
| Siena (1-6) | 0 | 0 | 0 | 0 | - | 0 |

Second quarter

| | | | |
|---|-------|--------|--------|
| MIT - Tony Lapes 25 pass from Tim Day (kick failed) | | Siena | MIT |
| First downs | | 3 | 11 |
| Rushes-yards | | 36-71 | 51-161 |
| Passing yards | | 27 | 59 |
| Passes | | 3-12-1 | 5-10-1 |
| Return yards | | 13 | 40 |
| Punts-average | | 3-12.1 | 5-10.1 |
| Fumbles-lost | | 2-1 | 2-1 |
| Penalties-yards | | 7-35 | 10-65 |

Women's soccer falls

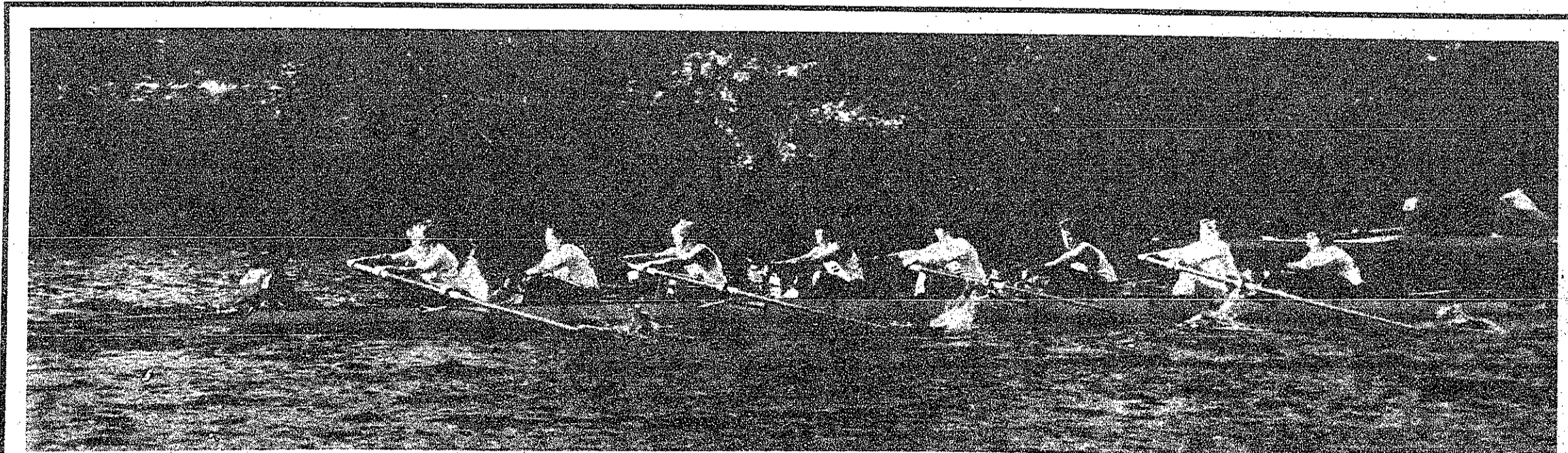
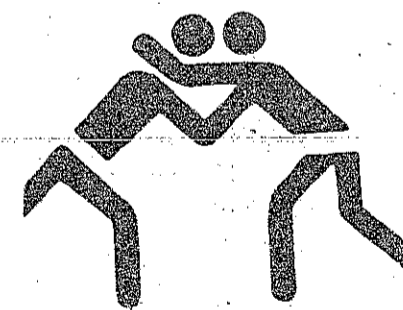
The women's soccer team lost a heartbreaking game on Saturday to Southeastern Massachusetts University, 1-0. It took until the second overtime period for someone to score, but unfortunately, it wasn't the Engineers. The team has one game left in the regular season before this weekend's New England Women's 8 tournament at Mount Holyoke.

Field hockey triumphant

The field hockey continued its winning ways as it shut-out Nichols 1-0 on Saturday. This victory ended the team regular season on a positive note and gave them momentum for this weekend's NEW8 tournament at Wellesley.

Compiled by Shawn Mastrian

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The MIT varsity women's eight rowed to a fourth place finish in the Head of the Charles regatta this weekend. This guarantees them a place in next year's contest. Jeremy Yung/The Tech