

Morgan Conn/The Tech

David F. Johnson, head technician at the Francis Bitter National Magnet Laboratory, works on the 35-tesla Hybrid III magnet.

Magnet lab gets \$27M grant for new magnet

By Katherine Shim

A four-year, \$27 million National Science Foundation award has extended the life of MIT's Francis Bitter National Magnet Laboratory. The laboratory's future has been uncertain since last summer, when the NSF awarded a \$120 million grant for the construction of the National High Magnetic Field Laboratory to Florida State University.

When the award expires, Bitter facilities will probably be phased out, said Donald T. Stevenson PhD '50, visiting scientist and former assistant director of the laboratory.

In its Aug. 9 announcement, the National Science Board, which decides NSF policy, said it will "continue to support the Francis Bitter National Magnet Laboratory through Sept. 1995. At that time, the new high magnetic field laboratory currently being constructed with NSF funds is expected to become fully operational."

Maintaining the Bitter lab for the next four years accounts for

\$18 million of the grant. The other \$9 million, of which \$4 million will be provided by FSU, will pay for the design and construction of a 45-tesla magnet, which will be transported to the FSU magnet facility upon completion.

Bitter lab to provide services over an interim

The decision to fund Bitter until completion of the FSU laboratory is a reversal of the original NSF plan, Stevenson said.

The NSF originally expected the FSU laboratory to be completed in two years, during which time researchers would be asked to use a magnet laboratory facility in Grenoble, France. When the timetable was raised to four years, and researchers complained of the costs of working in Europe, the NSF approved the funding of the Bitter laboratory over the interim, Stevenson said.

Last spring, Bitter submitted a proposal for the construction of several magnets to the NSF. Peer review committees visited the Bitter facilities from May to June and submitted their recommendation to the NSF, which was approved on Aug. 9.

But "we asked for more money than we got," Stevenson said. "We offered to build more magnets and start more projects than the NSF was willing to fund. Though the NSF didn't fund all of the projects in our proposal, they agreed to fund a portion of it," he said.

Stevenson also said that after the four year grant expires and "if Florida State has a working magnet lab at that time, [Bitter] will probably be phased out."

Research at the Bitter facility may continue if construction of the FSU magnet laboratory takes longer than the expected four years or if the NSF decides that the nation needs more than one magnet lab, Stevenson said.

J. David Litster PhD '65, director of the lab, remained optimistic. "With these funds, the magnet lab will continue to be a center for high field research and technology for the next four years," he said in a prepared statement.

"The arrangement represents a cooperative effort of the National Science Foundation, the Francis Bitter National Magnet Laboratory and the National High Magnetic Field Laboratory to provide the best possible support for high magnetic field research in the United States. . . . This will maintain the US world leadership," he said.

In a controversial decision, the NSF decided last summer to award FSU, rather than MIT, a \$120 million grant to build a new high magnetic field laboratory. The NSF cited the lackluster Bitter proposal and the reluctance of MIT to award faculty appointments to major users of the Bitter facility.

On Sept. 6, then-President (Please turn to page 2)

Frosh get tied up in R/O

By Reuven M. Lerner

Over one thousand new students gathered last night for the first event of Residence/Orientation Week, a gathering in Kresge Theater, where they were greeted by President Charles M. Vest and Undergraduate Association President Stacey E. McGeever '93.

Vest welcomed the the 1060 freshmen and 65 transfer students, saying that they were admitted "because we believe that you have the intellectual capacity, energy, imagination and personal will to succeed and to prosper and to contribute to this institution." [Transcripts of both speeches appear on page 9.]

Check-in runs smoothly

Over half of the new students had checked in by Wednesday night, making for the smoothest check-in that many R/O workers could remember.

The process was also aided by spreading check-in over the course of five days, rather than

only two, as had been done in the past. R/O Center Co-Chairman Scott A. McDermott '94 explained that "the R/O Center opened on Saturday, for international and transfer students." In the past, he said, the R/O Center opened on Wednesday, making it

necessary for such students to check in long after they had arrived.

Those who did not make themselves known to the R/O Center were never entered in the Clearinghouse database, which keeps (Please turn to page 2)

Baden gets 10 years for Burton fire

By Deborah A. Levinson

Steven H. Baden '92 was sentenced last week to 10 years in prison with a concurrent suspended sentence of six to 10 years. Judge Paul A. Chernoff of Middlesex County Superior Court handed down the sentence on Aug. 21 in connection with Baden's June conviction on charges of burning a dwelling and armed assault with intent to murder.

Baden will be eligible for parole after one year and will have access to psychiatric counseling and therapy while incarcerated. Baden is now serving the 10-year

sentence for armed assault at the Massachusetts Correctional Institution (MCI) at Concord, and if necessary, will complete the suspended sentence for burning a dwelling at MCI-Cedar Junction.

Baden pleaded guilty to both charges on June 7. The charges stemmed from a fire he set on Jan. 18 in the Burton-Conner "kosher suite." Baden apparently set the fire as the "culmination of a dispute of long standing with another resident of the suite," Assistant District Attorney Joe Quinlan told *The Tech* in January.

Neither defense attorney Eric Levine nor Assistant District Attorney Crispin Birnbaum, who prosecuted the case, had any comment on the sentencing. Chief of Campus Police Anne P. Glavin also declined to comment.

All involved receive counseling

Head of Student Assistance Services Robert M. Randolph said, "It's a very serious sentence, a very strong sentence." Randolph added that "one of the conditions of Baden's parole is that he is forbidden contact with the people involved and other people from MIT."

Randolph said that MIT offered counseling to the students who resided in the suite at the time of the fire. "They're special by virtue of their experience. We responded to that. We have provided what they have requested." Baden, though currently suspended from MIT, remains a student. Associate Dean for Student

Affairs James R. Tewhey said that official MIT action against Baden would probably take place "sometime after the beginning of the semester."

In cases where a student is convicted of crimes as serious as Baden's, Tewhey said that there are "two different routes" open to the Committee on Discipline. "The COD or the Dean of Students' Office can make a recommendation to the president," Tewhey said. The other option is a full set of COD hearings.

"Which route we choose will be determined after [Dean for Student Affairs Arthur C.] Smith, myself, and the COD chair [Sheila E. Widnall '60] sit down and decide."

Tewhey was not optimistic about Baden's chances for return. "I would say that those chances are nil," he said.



William Chu/The Tech

Steven H. Baden '92

Two suicides top summer news

By Dave Watt

The suicides of two undergraduate students topped the news on campus this summer. Other prominent stories included the Justice Department's antitrust suit against MIT, and the continuing controversy over cold fusion.

Edward B. Hontz Jr. '92, who lived at Zeta Beta Tau over the summer and at Senior House last year, died after falling from the roof of Building 66 on the evening of June 4. He left no note, but Head of Student Assistance Services Robert M. Randolph said there was some indication Hontz had been depressed. Hontz, a 21-year-old computer science major, was buried in Arlington National Cemetery in Arlington, VA, on June 12.

Douglas P. Rodger '93, who

studied electrical engineering, died June 20 from carbon monoxide poisoning while in his garage at home in Harvard, MA. Initial reports held that Rodger, who was 20, died accidentally while working on his car, but his death was later ruled a suicide. Rodger's father wrote an angry letter to President Charles M. Vest decrying what he called MIT's "insensitive and uncaring" response to Rodger's death.

Overlap Group trial proceeds in Philadelphia

Earlier this month, a federal judge in Philadelphia denied MIT's request for a change of venue in the antitrust suit against MIT for its participation in meetings of what has been called the Overlap Group of universities.

The members of the Overlap

Group, which include the Ivy League schools, exchanged financial aid information on admitted students in an effort to offer similar financial packages to students admitted to several of the schools.

MIT asked for the trial to be moved to the US District Court in Boston, saying that such a move would decrease the time and expense of the trial.

In May, the Ivy League members of the Overlap Group except for MIT signed a consent decree in which they agreed not to exchange financial information.

MIT believes its activities were within the confines of the law. "We do not believe that our practices violated the antitrust laws," Provost Mark S. Wrighton said. "Our interest all along has been (Please turn to page 2)

inside

News Office writer quits over cold fusion

(Continued from page 1)
[in] providing the maximum amount of financial aid . . . in a way that allows students of modest means to have the kind of education that we offer."

Mallove resigns over cold fusion controversy

The News Office's chief science writer, Eugene F. Mallove '69, resigned in June to protest what he saw as MIT scientists' "unethical" handling of the cold fusion controversy. Mallove has requested that MIT begin a formal inquiry into the Plasma Fusion Center's handling of data acquired by their scientists trying to

verify or debunk cold fusion. Mallove charged that PFC researchers "massaged" data Mallove viewed as ambiguous to make it appear that cold fusion was not occurring. He has sent a formal request to Vest to investigate the matter. Mallove further claimed that an article he wrote for *Technology Review* supporting cold fusion was blacklisted from publication on the recommendation of Institute Professor Emeritus of Physics Herman Feshbach PhD '42, who opposes cold fusion. Mallove's book on the cold fusion controversy, *Fire from Ice*, was published just a few months ago.

In his book, Mallove argues that cold fusion is real, and that the controversy over cold fusion are in part the result of vested scientific interests, such as scientists who study high-temperature fusion, being unwilling to share their financial resources.

University of Utah Professors Martin Fleischmann and B. Stanley Pons first announced the discovery of cold fusion at a press conference in Salt Lake City in March 1989. They claimed to have seen gamma rays and heat emitted from an electrolytic cell containing hydrogen and palladium, in quantities much greater than could be explained by chemical reactions.

The announcement caused a flurry of attempts all over the world to replicate the results. Some of these experiments were able to replicate some of the effects of Pons and Fleischmann's original experiment, while others failed to do so. These mixed results have led many fusion experts to question the original experiment and deny that cold fusion could ever be usable for power generation.

Mallove will continue to work for the MIT Writing Program, where he is a lecturer.

Hurricane Bob, which roared through Boston on Monday,

Aug. 19, broke windows and knocked down trees, but otherwise caused no major damage on campus. Massachusetts Lt. Gov. Paul Cellucci declared a state of emergency that morning, asking that workers throughout the state be sent home.

1060 freshmen begin R/O

(Continued from page 1)
track of new students, making it next to impossible to contact them, he added.

"Many of them decided that it was not an important thing to do," he added.

McDermott said that there had been very few problems with check-in overall. The greatest difficulty that he had encountered so far, he said, involved problems with housing about six freshmen. McDermott said the students were given housing almost immediately, from a pool of spare temporary assignments that the Dean's office uses for these sorts of cases.

Students enjoy Project MOYA

Immediately following the convocation, students took part in Move Off Your Assumptions, a set of activities known more informally as "Project MOYA."

Most of MIT's staff left by 11-am, except for some physical plant workers and many graduate students. Damage from the hurricane was much heavier along Cape Cod and in the southern Massachusetts coastal town of Falmouth.

Over 100 faculty, staff and upperclassmen were trained during the last few weeks to lead small groups of new students in a series of activities designed to increase interaction between the students.

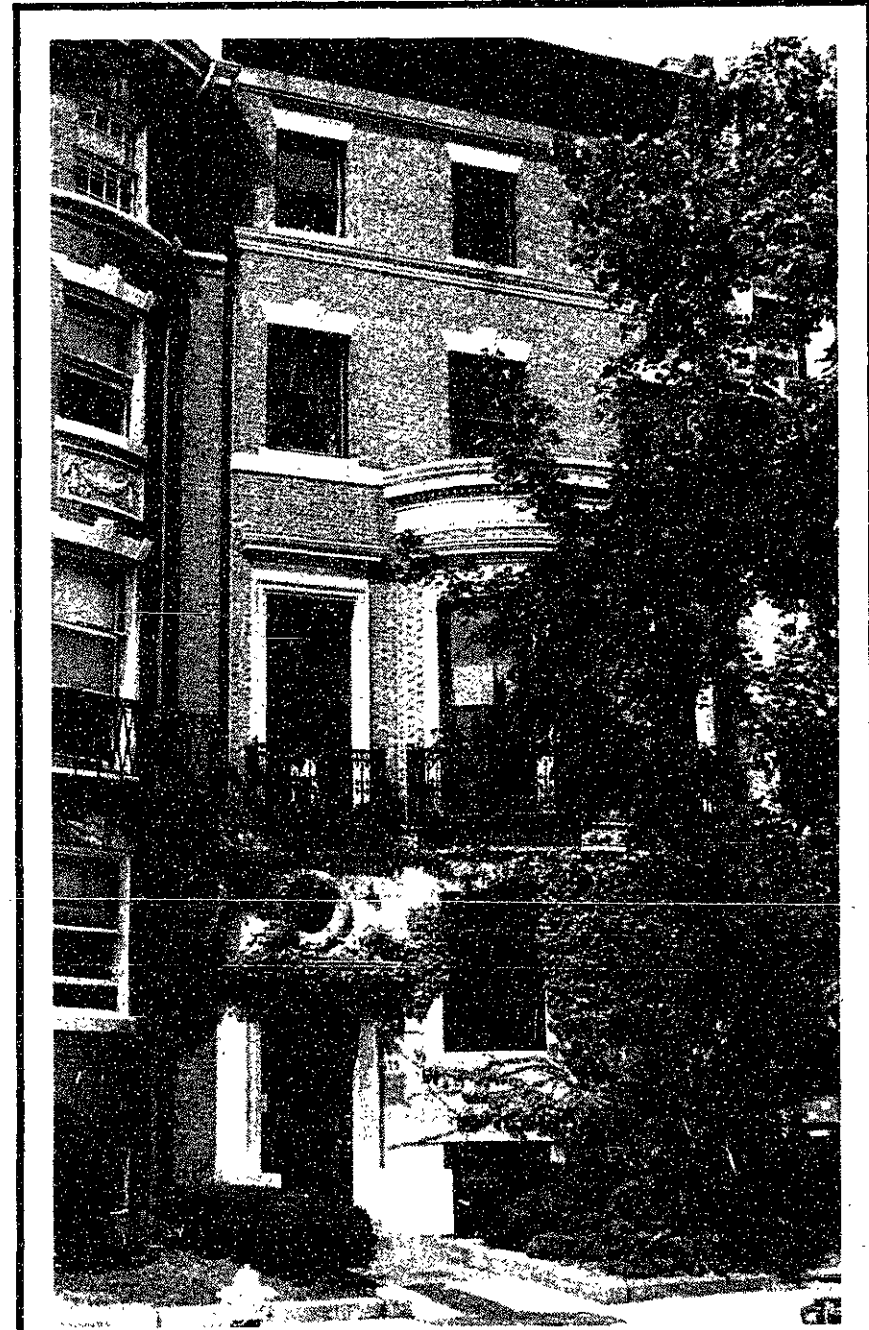
Freshmen were nearly unanimous in their praise for Project MOYA. Amber N. Dudley, a freshman from Kansas, said that the R/O committee had "kept us hopping" with a large number of things to do, and called Project MOYA "a lot of fun."

She explained that MOYA was designed to get freshmen "to work with our groups, getting us to know students in our class," and said the program had certainly accomplished its goals. "I got to know a lot of freshmen," she added.

Cotton Seed '95 said that MOYA was "interesting, but not what I expected of MIT. That's not to say it was bad, though."

David H. Spielvogel '95 from Honolulu, HI, said that "I felt kind of lost, even after the freshman barbeque. This was our first interaction."

New Jersey native Kerry A. James '95 said that it was "really nice" not having "to hit the books" immediately upon arriving at MIT.



Morgan Conn/The Tech

Alpha Phi, the first sorority to receive housing, is readying to move into this Kenmore Square townhouse.

Bitter lab gets new funds

(Continued from page 1)

Paul E. Gray '54, then-Vice President for Research Kenneth A. Smith '58 and Litster sent out 45-

page packages to all 21 members of the NSB to appeal the decision. Despite their efforts, however, the decision was not reversed.

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news roundup

from the associated press wire

Nation

Kerr to head CIA temporarily

Deputy Central Intelligence Agency director Richard Kerr is taking over as acting director next week. A CIA spokesman said Kerr will assume the duties next week and stay on the job until a new director is confirmed. The confirmation hearing for director-designate Robert Gates has been stalled as a probe continues on what role Gates may have had in the Iran-Contra affair.

Milwaukee police won't be charged

The three Milwaukee police officers who left a bleeding, naked boy with accused serial killer Jeffrey Dahmer last May will not face criminal charges. The Wisconsin attorney general said the officers were guilty of bad judgment, but cannot be prosecuted for that. Authorities said Dahmer has admitted to killing and dismembering 17 people since 1978, including the 14-year-old boy police saw.

Subway driver admits drinking

Authorities said there is no indication that New York City subway motorman Robert Ray was using illicit drugs when his train derailed Wednesday, killing five people. Court documents said he has admitted drinking and falling asleep at the controls. Ray has been charged with five counts of second-degree manslaughter and is being held without bail.

Testimony begins in Keating trial

An 80-year-old man who lost over \$100 thousand in the Lincoln Savings collapse was the lead-off witness in Charles Keating's fraud trial yesterday. Leon Bonan told the Los Angeles jury he bought the junk bond because he thought it was insured like a certificate of deposit. Keating faces 20 counts of helping dupe investors into thinking the bonds were safe.

OSHA collects another record fine

The Occupational Safety and Health Administration is collecting another record fine for alleged safety violations. Citgo Petroleum Corporation has agreed to pay a \$5.8 million fine stemming from a Louisiana refinery fire in March that killed six people. The previous high OSHA fine came last week, when Phillips 66 agreed to pay a \$4 million fine for a chemical plant fire.

Report says blacks are living longer

A new government report says black men and women are living longer than ever before. But the report from the Department of Health and Human Services says, on average, black adults die about six years younger than whites.

Harry Rosenberg, a department official, said blacks die younger than whites mainly because they are more likely to suffer a heart attack, get cancer or have a stroke. He added that blacks also have a far greater risk of contracting AIDS or being murdered.

The government says black men born in 1990 can expect to live 66 years. That is nearly ten months longer than last year, and a month longer than in 1988.

Black women's lifespan was 74 years and six months in 1990 — half a year longer than in 1989, and up 13 months from 1988.

White men could expect to live 72 years and seven months, which is unchanged from a year earlier. White women's lifespan was 79 years, four months — about two months longer than in 1989.

Overall, the government said Americans' life expectancy crept upward from 1989 to 1990 by two months, to 75 years and two months.

World

Supreme Soviet resigns as KGB officials are fired

It may be considered a case of kicking it while it is down, but the Soviet national legislature voted yesterday to suspend Communist Party activities. The suspension followed Mikhail Gorbachev's resignation as party leader and Boris Yeltsin's efforts to snuff out the party in the huge Russian republic. After voting to put the party on hold, the Supreme Soviet lawmakers then voted to fire themselves, asking that a new legislature be selected.

The Communist Party is not the only Soviet institution under attack. A KGB official said that the organization's new chairman fired all but one of his top managers. The lone boss to survive the purge, Gennady Titov, is the head of the KGB's counter-intelligence service. Titov speculated he is still on board because he was on vacation before and after the aborted coup.

Jackson gets police protection

Police have assigned a 24-hour guard to Jesse Jackson's Washington, DC, home after a burglary and several death threats against the civil rights leader. A police spokesman said the security detail is just a precaution. He said investigators are trying to determine whether Tuesday's burglary was a property crime or a threat against Jackson. A Jackson spokesman said there have been three recent death threats.

Company halts diaper ads

A California maker of disposable diapers advertised as environmentally safe is changing its pitch at the behest of the Federal Trade Commission. The makers of "Bunnies" diapers, American Enviro Products, had claimed the diapers would decompose in a landfill before the children who wore them grew up.

Brains of hetero- and homosexual men differ

A researcher reported yesterday that a cluster of brain cells that may guide the sex drive of men is twice as large in heterosexual males than it is in homosexual males. The finding suggests that homosexuality could be a matter of biological destiny.

Simon LeVay of the Salk Institute for Biological Studies in San Diego microscopically examined the brains of 41 deceased men and women, including 19 homosexual men. LeVay found that a specific cluster of cells in the hypothalamus was always larger for heterosexual males than the other specimens.

LeVay cautioned that while the evidence demonstrates a strong link between the size of that group of cells and the sexual preference of males, researchers still are not sure which is cause, and which is effect. But he said, based on his own findings and earlier animal studies, the odds are that there is a strong biological determinant of homosexuality — something long argued by many within the gay community.

The study, published today in the journal *Science*, did not include specimens from known homosexual women.

Robert Bray, spokesman for the Gay and Lesbian Task Force, said LeVay's study "is fascinating" and he believes "there is a need for greater research on homosexuality because the body of data is extremely narrow."

Man infected with AIDS sues Macy's to keep Santa Claus job

Mark Woodley is suing Macy's to keep his job as a Santa Claus at the department store in midtown Manhattan. Woodley, who played St. Nick last year and the year before, is infected with the AIDS virus, and takes the anti-depressant drug Prozac. Store officials said they do not want Woodley around children because, they said, Prozac might make him violent.

Protesters freed from jail

In Wichita, KS, three leaders of "Operation Rescue" were freed from jail last night. Attorneys told a federal judge the three would obey his order barring them from blocking clinics where abortions are performed.

Food delivered to prison hostages

The warden of the federal prison in Talladega, AL, says food has been delivered to the cell block where Cuban inmates are holding hostages. It is the first food delivery since the standoff began more than a week ago. Warden Roger Scott said medical staffers have managed to see the nine prison staffers the inmates are holding.

Amnesty appeals for Irish boy

Amnesty International has issued an "urgent action" appeal after police in Northern Ireland allegedly threatened to kill a teenage boy during interrogation. This is the first time the human rights group has issued such an appeal concerning a case in the British-ruled province. The boy is the son of an official in the Irish Republican Army's political wing, Sinn Fein.

US, Britain promise food aid to USSR

The United States and Britain are pledging to provide food credits to help people in the Soviet Union get through what could be a very hard winter. President George Bush and Prime Minister John Major, who is visiting Bush in Kennebunkport, ME, said that they would assess the need for greater assistance during winter and send in teams to help create an efficient food production and distribution system.

Bush also indicated yesterday that the United States may recognize the three Baltic republics as independent countries as soon as Monday. He said he hopes Moscow will recognize Latvia, Lithuania, and Estonia by then.

Koop denounces AIDS testing for doctors

Former Surgeon General C. Everett Koop says Americans are "concerned and confused" about the real risks of getting AIDS, even though there is "essentially no risk" of getting the disease from a doctor. Officials of the American Medical Association, the Centers for Disease Control and the Society for Hospital epidemiology of America are joining Koop in arguing against mandatory AIDS testing of physicians or other stringent measures.

Local

Judge disciplined for mistreating public defenders

A judicial conduct commission reprimanded a Boston Municipal Court judge on Wednesday. It said Judge Theodore Bakas failed to be patient, dignified, and courteous to two public defenders. It said that Bakas cut off defense attorneys while they were addressing the court. In one case, Bakas put a public defender in the women's dock for an hour when she sought to explain a request for a summons.

Bakas, an associate justice, declined comment on the action. Bakas signed the agreement outlining the commission's findings.

Massachusetts may get more solar power

The Massachusetts Public Interest Research Group said solar power has a foot in the door of the state utility system. It said the Massachusetts Electric Company has agreed to allow solar power companies to bid on energy conservation proposals. It said the solar industry may now be able to compete with energy efficiency contractors to provide energy services to utilities and their customers.

The agreement was filed in a letter to the state Energy Facilities Siting Council and the Department of Public Utilities. It would allow solar companies to compete in the utility's upcoming request for proposals.

A spokesman for MassPIRG said the Massachusetts Electric agreement will create the first real market test of whether solar power can be competitive in this state. The agreement must still be approved by the DPU and the siting council. Massachusetts Electric provides power to about 906,000 customers in the North Shore, and in central and western Massachusetts.

Prosecutors ask for adult trial

Prosecutors in the Boston suburb of Beverly want to try a 16-year-old murder suspect as an adult. An assistant district attorney said the boy slashed his 14-year-old girlfriend's throat, then weighed down the body with cinder blocks, and laughed as he dumped it into a pond. The boy's lawyer said his client is innocent.

Weather

Fallish weather ahead

The weather in New England will take on a decidedly more autumnal feel late tomorrow as cold air sweeps into the area from southeastern Canada. A cold front lying to our northwest will cross the area early Saturday as a cyclone in eastern Canada intensifies. Behind the front, strong north to northwest winds will follow. Labor Day looks sunny, with moderating temperatures.

Friday: Mostly sunny and hot with high dewpoints. High 94°F (34°C). Winds southwest, 10-15 mph (16-24 kph).

Friday night: Partly cloudy with a shower or thundershower possible. Low 75°F (24°C). Winds southwest, 15-25 mph (24-40 kph).

Saturday: A cloudy start with showers and thundershowers early followed by clearing. Winds shifting to north-northwest at 15-25 mph (24-40 kph). Falling temperatures, with a high 80-85°F (27-29°C). Low 58°F (14°C).

Sunday: Mostly sunny, breezy and quite cool. High near 70°F (21°C). Low 53-57°F (12-14°C).

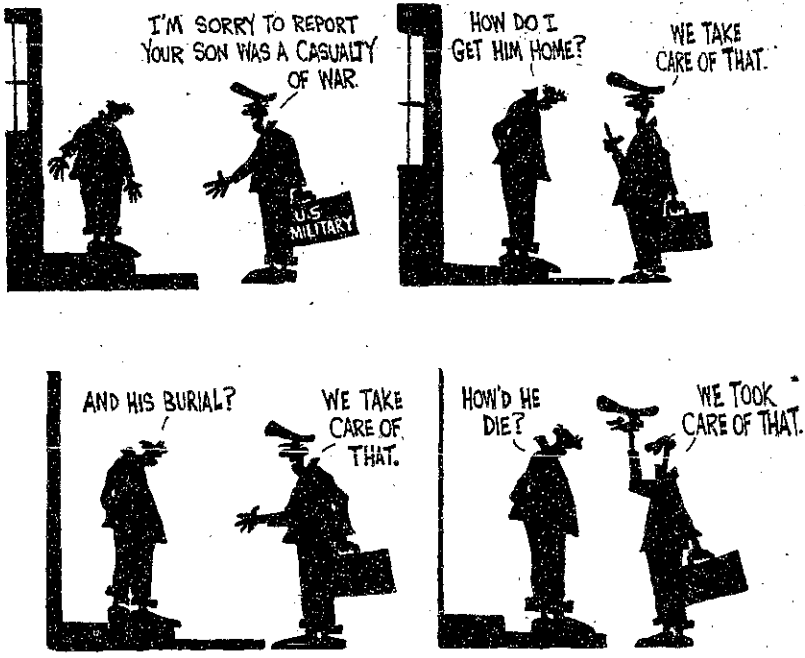
Forecast by Michael C. Morgan

Compiled by Reuven M. Lerner and Dave Watt

opinion

Big fish eats little fish?

Column by Matthew H. Hersch



This fish story, like all fish stories, begins with a father, a son and a holy fish.

I had always loved fishing, but I as long as I had fished I had always despised the one moment after the thrill of a catch wears off, when I had to look into the trapped, clueless fish and decide his fate. Until now I had invented all kinds of rationalizations for my usual decision to fillet my catch.

I prided myself on my belief that it is the hunter who kills for sport who is most savage. Killing for food, however, seemed ethical. If I only killed what I was prepared to eat, would that not be most responsible? I would never hunt down a fish and torment him, just to let him go. It was a nice thought, and a dependable excuse, but it always left me with a freezer full of dead fish.

I joined my father one one summer morning to catch fluke, the plentiful, flounder-like fish native to New York waters. Casting off into a Long Island bay, tempting the fluke with sliced squid on our hooks, we waited.

I soon bagged one — a 14 inch fluke, large enough to legally keep and, I was certain, tasty enough to eat.

As the fish gasped in the dry heat I watched his bright red gills fluttering. Was his blood not red like mine? Perhaps my ancestors evolved from his ancestors? He did kind of look like my cousin.

I wrestled with the flapping fluke, and made a decision that I would later regret. I decided to keep him — hook him to a pier to keep him trapped and barely alive until I was ready to take him home.

But would it be ethical to to kill this fish when his death was not a matter of my survival? I was not depending on him to become my next meal. He would be frozen and eaten later like one of Jeffrey Dahmer's victims.

Killing mammals, or your next door neighbor, would clearly be immoral. After all, they are intelligent beings. Fluke are, well, stumps.

Then again, perhaps all life is equally sacred, from the swiftest of Course VIII majors to the dul-

lest of graduate students. Does that mean I should cry for the bait, too? Hadn't I thoughtlessly cut the squid up into tasty, appetizing morsels?

But that was different — a squid is a lower form of life — a spineless, toothless blob. It could never conceptualize its own existence, use tools, or comprehend general relativity. But neither could the fluke, or my freshman roommate for that matter. Should I had eaten my roommate?

Intelligence tests couldn't decide who should live and who should die. That line of reasoning was getting me nowhere. Besides, the bait was handed to me dead and frozen rock solid in a cardboard box. No amount of moralizing could change that.

What was I thinking? This fish did not share my concerns. If he was a little bigger and I was a little smaller he would have gladly swallowed me whole and flashed a toothy grin. He deserved to die.

I searched for precedents and examples. What would Hemingway have done? Kill the fish, eat it, and like it, probably. But then again Hemingway was a psycho, who liked to watch bullfighting, and went to fight in the Spanish Civil War just for the trigger time.

What was wrong with me? Was I turning into an animal rights activist? Should I grow a beard and get a bongo?

No.
Hell no.
Hell no, we won't go.
Stop! Get a grip.

I don't think animals should be spared from medical research, or be allowed to vote or run for public office, even though many do. And I still love the smell of barbecued beef.

Sure, I respect the fish all right, broiled in bread crumbs and lemon juice. I could eat one, but I could only kill one myself if I were hungry — really hungry — or if it were trying to kill me.

Did that make me a coward — or even worse, a hypocrite? Am I someone who would ask others to do what he could not? No. If I needed to eat the fish I would have killed him with a clear conscience.

But that fish didn't need to die that summer morning, so I threw him back.

Matthew H. Hersch, a sophomore, is associate opinion editor of The Tech.

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LETTERS TO THE EDITOR

Tewhey has to respond

(Editor's Note: The Tech received a copy of this letter addressed to Associate Dean for Student Affairs James R. Tewhey)

I am deeply disturbed that you have chosen to ignore my letter which appeared in the Commencement issue of The Tech ["AEPi frosh approved housing status rewards discrimination," June 3]. I understand that you are a busy person, but I believe that it is a matter of simple courtesy at least to acknowledge that you have received the letter. Your lack of accountability to me and to The Tech makes it clear to the MIT community that you do not hold yourself responsible for your actions.

Granting the status of "freshman approved housing" to the Mu Tau Chapter of Alpha Epsilon Pi was a very serious administrative decision. Unfortunately, since you have not explained the reasons for this, I must persist in requesting your explanation.
 Lawrence Lubowsky '92

Wolfe to teach

Following upon your article last semester ["Wolfe may take Harvard job," May 10], you may be pleased to know that you were right, and that Wolfe did go to Harvard.

Nevertheless, I will be teaching Introduction to Psychology (9.00) this term. We didn't know this in time to tell publications such as the HASS Guide, so there may be some misinformation out there. There will be an enrollment limit imposed, if needed, by lottery at the first lecture.

Jeremy M. Wolfe PhD '81
 Associate Professor of Brain and Cognitive Sciences



Letters policy

Editorials, marked as such and printed in a distinctive format, are the official opinion of The Tech and are written by the editorial board which consists of the managing editor, chief managing editor, executive editor, news editor, and opinion editor.

Dissents, marked as such and printed in a distinctive format, are the opinion of the undersigned members of the editorial board choosing to publish their disagreement with the editorial. Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be written in double spaced and addressed to The Tech, 84 Massachusetts Avenue, Cambridge, MA 02139, or to The Tech, PO Box 29, MIT Branch, Cambridge, MA 02139-0901. Letters should be mailed to the editor.

Letters will generally be published in the order received. An editor's discretion may be exercised in the case of letters which are abusive, defamatory, libelous, obscene, or otherwise inappropriate. The right to edit or delete letters is reserved. Letters which are not published may be resubmitted at a later date.

opinion

Residence/Orientation need not be preview of hell

Column by Reuven M. Lerner

I'll admit it: I had a really wonderful time during my Residence/Orientation Week, in the fall of 1988.

I should probably add that my experience contrasts sharply with those of most people I know, who thought of R/O as a 10-day preview of hell.

No matter how palatable the people running R/O try to make someone's first few days at the Institute, it always seems to rub new students the wrong way. The entire residence selection process focuses

on choosing a place to live "for the next four years," which only adds to the pressure freshmen feel during their first week of college.

Allow me to let you in on a secret: R/O does not *have* to be bad. In fact, given the right attitude, you might actually enjoy it.

That is not to say that there are not any problems with R/O as it stands. There are probably a good number of ways in which it could be improved. But that does not mean that you are powerless to have a good time. Having a positive and relaxed attitude towards the whole process will do you far more good than being cynical, worried and upset.

In the interest of helping as many new

students as possible survive their first week at MIT with the least possible damage — not to mention stroking my ego — I offer a few words of wisdom for newcomers to the Institute:

- Relax. Think about it — what is the worst that could possibly happen to you? Even if you get assigned to your last-choice dormitory or regret having joined a fraternity or ILG, you can always back out. This does not mean that you should choose a place to live knowing that you might hate it, but realize that nothing that happens during R/O is permanent. No matter how things turn out, they can only improve.

- Smile. As you will learn, there are an awfully lot of nice, interesting and bright people at MIT. (There are probably a number of people who do not fit into any of these categories, but they are pretty rare.) Get to know them, especially before classes begin taking up people's time.

MIT is a diverse and exciting, albeit challenging, place to be. Take advantage of the fact that while we are all here for more or less the same reasons, everyone has an interesting story to tell, and can teach you something that you never knew.

When you consider that the friends you make here will be among the closest you ever have, it can only help to be friendly. After all, you have no way of knowing if the person with whom you are speaking will completely ruin your senior thesis project, or be a lifelong friend (or both). It cannot hurt to be decent to them, especially when they might have some influence on where you end up living.

- Wander around. R/O is sort of a preview of Independent Activities Period and the summer, when MIT becomes a cross between summer camp, an amusement park and a science museum. Go explore Boston. Visit Harvard Square. Explore the

Institute. It is hard to realize just how pressured things can get around here; getting away for a short while can be surprisingly refreshing.

A high school friend of mine once said that if something good happens, you should realize that better things will happen to you in the future, and that if something bad happens, worse things will also happen to you.

This is a good thing to keep in mind all of the time, but especially at a time when people are telling you how monumental your decisions are. Getting into your first-choice fraternity is (hopefully) not the best thing that will ever happen to you, and it is an unfortunate fact of life that a bad dormitory assignment is not the worst experience you will ever have.

One of my clearest memories from freshman year is of sitting around in my temporary room assignment with three friends, trying to determine the best way for all four of us to room together. We had known each other for a total of two days, but that did not stop us from spending a long time trying to figure out "the best way" for us to get into the same dormitory, as if that would guarantee us an enjoyable undergraduate experience.

In the end, all of that tension was for naught, since one member of our group pledged a fraternity and a second decided that he would be happiest in another dormitory entirely. We would have achieved the same results no matter how relaxed or tense we were — yet we all chose to turn our choice of dormitory into the most nerve-wracking decision of our lives.

There are plenty of things at MIT that will upset you more than R/O; save your worrying for then. For the time being, relax and enjoy knowing that MIT will be your home for the next few years. I am sure you won't regret it.

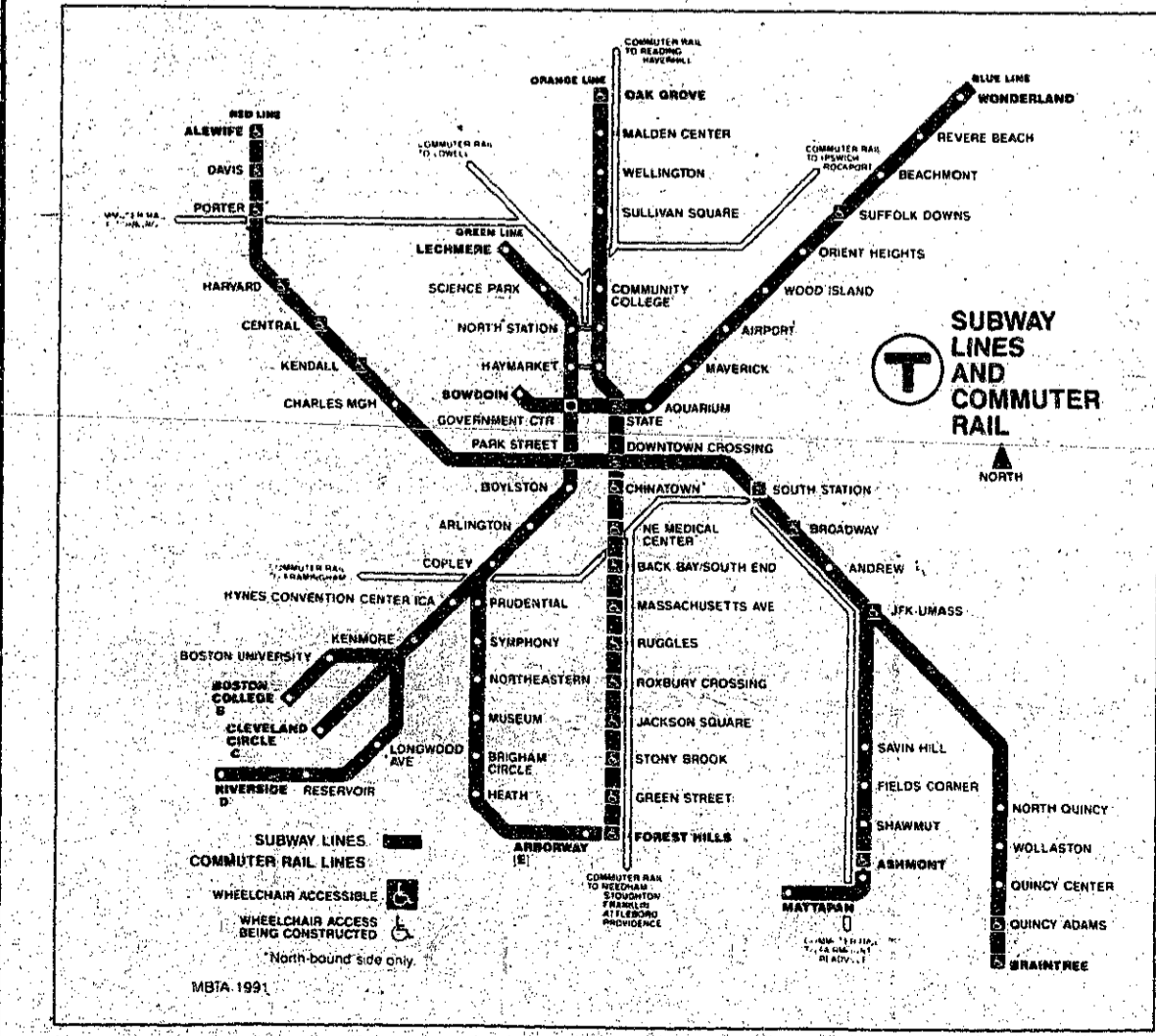


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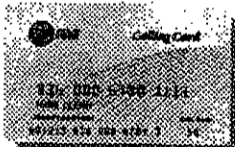
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The Dichotomy of Hurricane Bob

By Douglas D. Keller

(MIT photos by Morgan Conn, Cape photos by Douglas D. Keller)

If one were to judge the effects of Hurricane Bob by its impact on MIT, one would believe that the Category 3 hurricane was more bark than bite. Damage was light around the Institute, with only a dozen windows and seven trees lost.

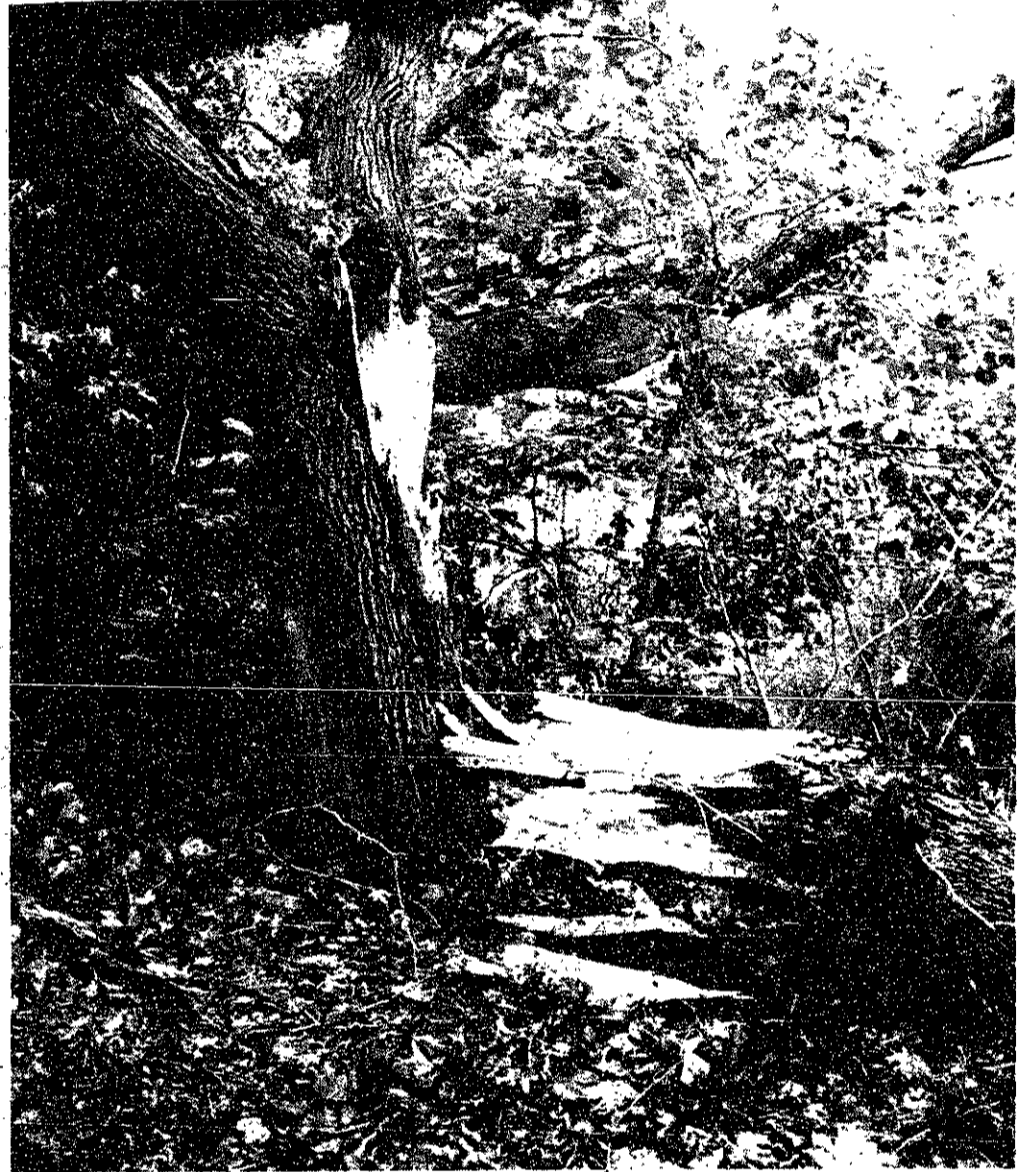
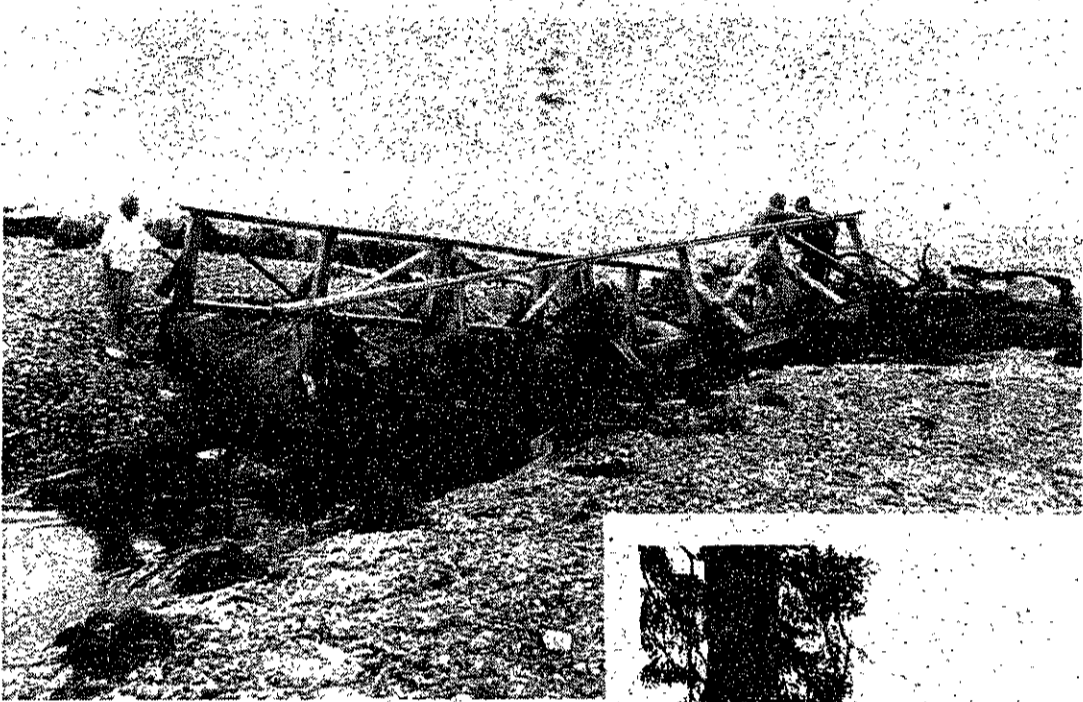
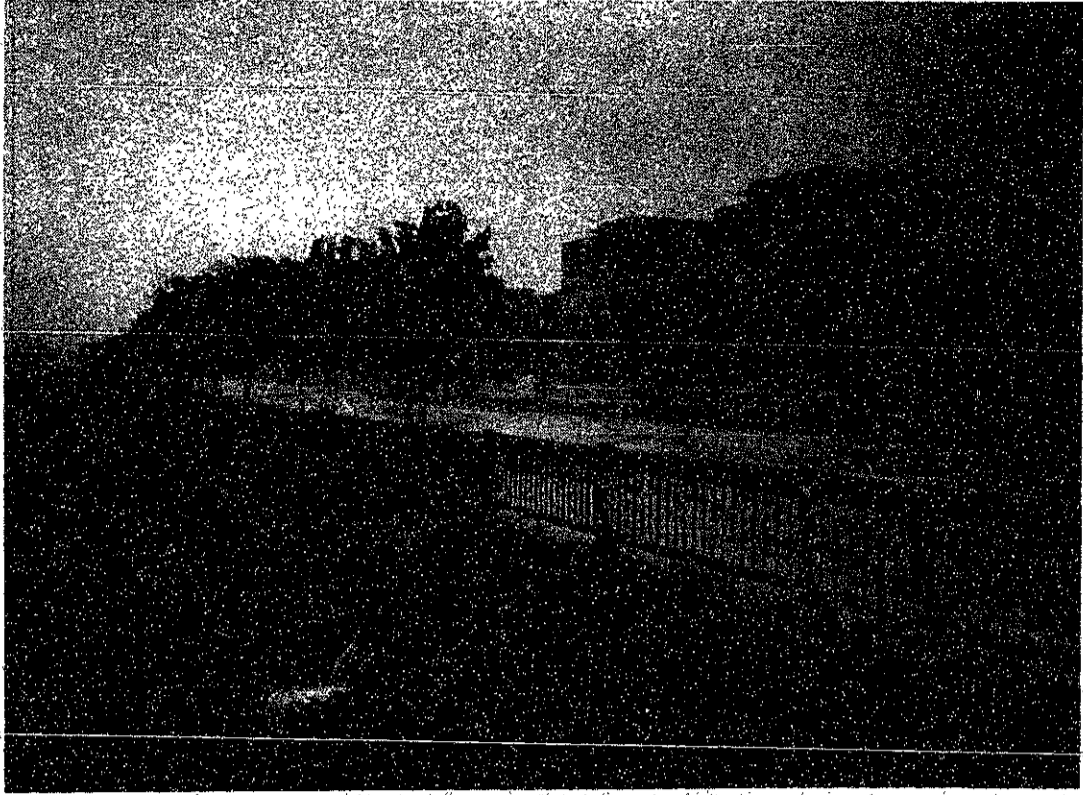
From the news reports about the unanticipatedly light damage on the Cape, I was unprepared for what I saw as I returned to work at the Woods Hole Oceanographic Institute a day after Hurricane Bob had passed. The news reports based their conclusions about damage on reported property loss. I also saw little structural damage, but the damage to the trees and shoreline was unbelievable.

Most residents were happy to be able to claim the loss of only seven trees. Trees up to three feet in diameter and telephone poles were snapped like toothpicks. The resulting power line damage left some residents without electricity for more than a week. Tidal surges destroyed houses and washed out road and bikeways along the shore.

Talking with fellow employees a week after Bob crossed Cape Cod, the human side of the hurricane's effect began to come out, stories of generosity and greed. Cold showers were shared with those who had none; hot showers were lent to those who needed them. Residents pitched in with backs and chain saws to help clear the roads and driveways. Chain saws were heard well into the twilight hours, attempting to clear the fallen trees.

Those who had generators and chain saws before the storm were lucky; the going rate for these items doubled — and in some cases tripled — after Bob had passed. Five-pound bags of ice went from 79 cents to \$1.50 or more.

As the Monday sun finished clearing away the fog and the leaves continued to fall from the salt-spray damaged trees, the general mood of Cape residents was one of relief. There had been little structural damage, and repair crews from as far away as eastern New York had turned the lights and the hot water heaters back on.



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Vest addresses new students in Kresge

(Editor's note: Following is the text of the speech given by President Charles M. Vest at the Freshman Convocation last night in Kresge Auditorium, as provided by Vest's office.)

Welcome.

I know what you are thinking.

Or if you aren't now, you probably will at other times during your years at MIT.

It's a thought that is harbored at one time or another by virtually every MIT student, and it's not true:

You were not admitted by mistake.

You are not the result of a computer glitch, or the report of an incompetent educational counselor. You are not here because we needed more architecture majors . . . or people from Idaho . . . or because someone misread your SAT scores.

You are a member of the freshman class at the Massachusetts Institute of Technology because we believe that you have the intellectual capacity, energy, imagination and personal will to succeed and to prosper and to contribute to this institution.

You come to Cambridge from every region of the United States. Seven percent of you have come from other nations. Thirty-five percent of you are women; seven percent of you are African Americans; 10 percent are Hispanic Americans; 27 percent of you are Asian Americans; and one percent of you are Native Americans. Together you weave the rich tapestry of your MIT class.

And you have come here because you believe in excellence. I worry sometimes that much of this nation has lost its will to excel. But MIT hasn't lost its will to excel, and neither will you.

Whether you have come to study engineering, science, management, humanities or architecture you intend to be among the best. During your years here, and in the future, you will be leaders — as thinkers, doers, entrepreneurs, teachers, designers, managers, artists or athletes. You will do so in a world that is rapidly changing, increasingly complex, and always challenging and fascinating and often beautiful.

Now people can attain excellence and accomplishment both as individuals and collectively. Both modes are im-

portant, but I must tell you that the importance of collective, or team approaches to accomplishment is increasing rapidly in response to complexity.

During the coming days and weeks you will be considering the balance between teamwork and individual efforts in many different ways. This will be important to your life at MIT and beyond.

"On the banks of the Charles River it is okay to be a nerd."

The world needs broader and more integrative thinkers and leaders. I therefore hope that many of you strive to gain a broad understanding of the physical, intellectual and social universes we inhabit. It also needs those important few with the true spark of individual genius and creativity.

You will notice some things that are very different in
(Please turn to page 17)

UAP McGeever warns against stereotyping

(Editor's note: Following is the text of the speech given by Undergraduate Association President Stacey E. McGeever '93 at the Freshman Convocation last night in Kresge Auditorium, as provided to The Tech by McGeever.)

Good afternoon, Class of 1995.

On behalf of the undergraduate student body, welcome, and congratulations on your acceptance to — and acceptance of — MIT. Formalities out of the way, I must say that I'm very happy to be speaking here at Kresge and not at that little brick schoolhouse down the river. As we're fond of saying at the Institute, "You can always tell a Harvard student, but you can't tell him much."

At any rate, I hope that you will have an enjoyable and informative time in the weeks ahead. The residence and orientation process tends to be very exciting, and generally lots of fun — although I understand this time a math diagnostic test has been thrown in.

You might not agree with me at the moment — and almost certainly not tomorrow at 9 am — but actually it's a very useful thing to take. Most of you are probably trying to decide upon a particular "flavor" of math subject — 18.01 vs. 18.011 or 18.02 vs. 18.022, yet perhaps you're not really sure what the differences among the classes are.

Before the diagnostic came along, MIT students had to take a very informal "math litmus test," so to speak. It was based on two popularly-held ideas: that the math subjects here get more and more theoretical as their course numbers increase, and that students who like to get really involved in their mathematics tend to prefer the theoretical.

So assuming that one is trying to decide whether to take 18.01, 18.011, or 18.012, the test might go something like this: "What's up?"

Now, if your immediate response to that was "not much," take 18.01.

If the first thought that popped into your head was "north cross west," take 18.011.

If you're the guy in the audience now thinking, "Well, what about south-cross-east and k-hat?" take 18.012.

Oh, and if you're out there wondering, "up? Isn't it a

"Trivial: when used by an upperclassman, as in 'that problem is trivial,' it tends to mean 'I haven't the faintest clue of how to do it.'"

preposition?" don't feel too out of place — remember, Harvard is only a mile down the road.

But getting back to some of the more historical and well known traditions of the orientation process, it might be a good idea for you to become acquainted with a few commonly used phrases:

Frosh: that's you.

Clueless: which is what you are if you haven't understood a word I've said so far.

Trivial: when used by an upperclassman, as in "that problem is trivial," it tends to mean "I haven't the faintest clue of how to do it." When used by Associate Provost [S. Jay] Keyser, it generally means that a pack of nails is about to crash to the ground.

Punt: to skip work — i.e., problem sets, classes, and in extreme cases, tests.

Tool: What you do the night before your 8.01 midterm if you happened to punt the first half term of physics.

Oh, and before I forget: yes, there is an official protocol for introducing yourself to new people. It goes something like this — "What's your name? Where are you from? What are you thinking about majoring in?" Please refrain from reversing the order of these; you'll just confuse some poor brain-fried upperclassman come this time Saturday.

On the slightly more serious side, however, there is one thing I'd like to say while you're all trapped together in one room. As of right now, you're probably meeting more people than you can remember and you're being exposed to quite a few new ideas. That's great, and it's also exactly

what your first few weeks here are designed for.

But perhaps a month or so from now — and I sincerely hope I'm wrong about this — you might find that you've stopped meeting new people actively, or even worse, that you've formed stereotypes about a certain group without ever having met one of its members. You might even find that the official protocol for meeting people has mutated.

"What's your name?" generally remains the same, except for the decreased frequency with which it is used.

"Where are you from?" might become "Where do you live?" — what was once a mind-broadening question has changed into a medium through which preconceived notions travel.

And "What are you thinking about majoring in?" might be discarded in favor of "What course are you" — the transmittal of ideas has become the exchanging of facts.

The most unfortunate thing about this potential change is that it often happens without deliberation; for various reasons a student can quite easily go through four years here without ever getting to know more than 20 people on a substantial level.

"You might find that you've stopped meeting new people actively, or even worse, that you've formed stereotypes about a certain group without ever having met one of its members."

And so, at some point during the upcoming term — perhaps right after you hand in your first physics midterm — why don't you ask yourself whether or not you've been accepting stereotypes as truths, and then ask whether or not that's really the way you want to continue your "higher education."

I wish you a great year, and an enjoyable R/O.

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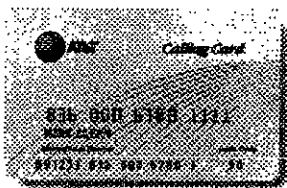
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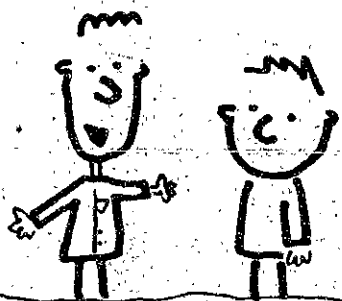
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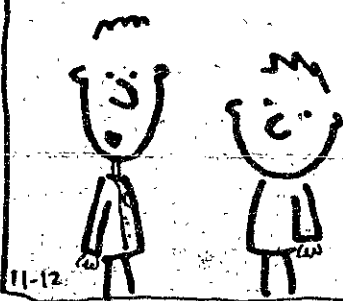
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COMICS

Today Tony told me about a dream he had last night.

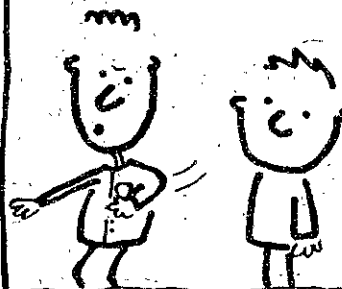


"It was wild, Jim, you wouldn't have believed it," he said.

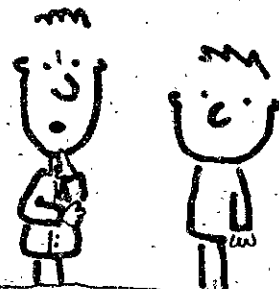


Jim's Journal

He said he had a race car that could take him anywhere in the world in 2 seconds.



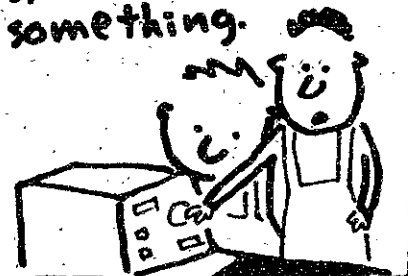
"But the weird thing is," he said, "I only went to my Aunt Helen's house and a meat-packing plant."



I went to work at the copy store today.

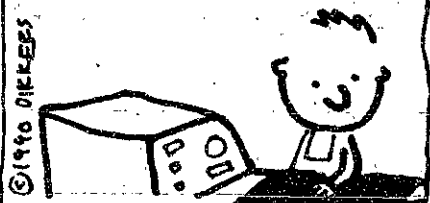


Hal, the manager, showed me how to run a big copy machine and got me started making 3,000 copies of something.

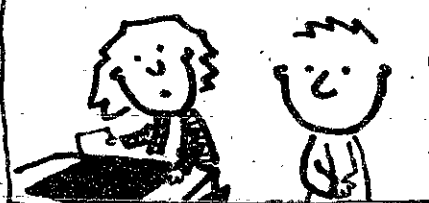


By Jim

After about 3 minutes, the machine got jammed.



I went looking for Hal so he could show me how to fix it, then a customer told me her machine was jammed and asked me to fix it.



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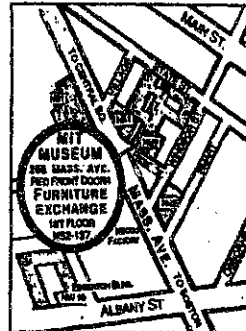


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W	S	12:00	2:00
S	S	12:00	2:00

ROSH HASHANA

ראש השנה

SERVICES & MEALS



REFORM (M.I.T. Chapel)
Sunday, Sept. 9, 7:00 p.m.
Monday, Sept. 10, 10:00 a.m.

CONSERVATIVE (Kresge Little Theatre)
Sunday, Sept. 9, 7:00 p.m.
Monday, Sept. 10, 8:30 a.m. & 7:45 p.m.
Tuesday, Sept. 11, 8:30 a.m.

Holiday meals will be served in the Kosher Kitchen, located in Walker Hall Room 50-007. Dinners will be served on Sunday and Monday. Lunches will be served on Monday and Tuesday. M.I.T. Food Service requires prepaid reservations for holiday meals. Reservations can be made at the Kosher Kitchen, #253-2987.

Yom Kippur Reform & Conservative Services will be held on Tuesday, Sept. 17 and Wednesday, Sept. 18. Tickets will be required for all September 17 Kol Nidre services. Tickets are available for all M.I.T. students. For students who are not Hillel members a \$15. donation is suggested. Non-student tickets are available for \$50. Tickets can be obtained at M.I.T. Hillel until September 16 and in Lobby 10 on September 12 and 16.

Note: Wednesday September 12 is Alternate Registration Day. There should be no disadvantage to any student who wishes to register on Wednesday rather than Monday. The Registrar and the ODSA join Hillel in reminding all students that there need be no conflict between Institute requirements and religious observance.

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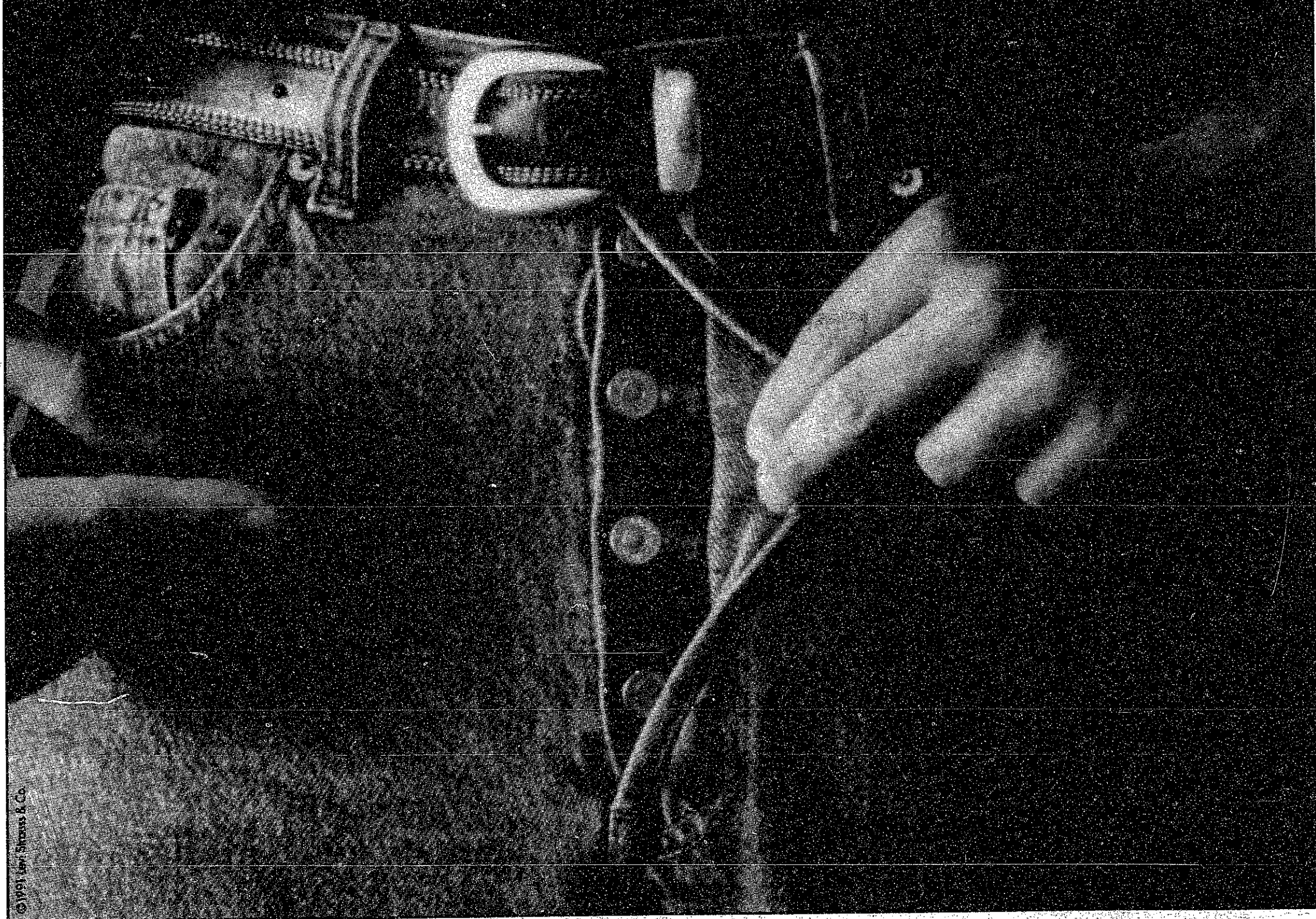
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ARTS

Kenneth Branagh revisits the 40s in Dead Again

DEAD AGAIN

Directed by Kenneth Branagh.
Starring Kenneth Branagh,
Emma Thompson, and Derek Jacobi.
Now playing at the Loews Harvard
Square.

By DEBORAH A. LEVINSON

KENNETH BRANAGH, the young British actor who was the driving force behind a lush, critically acclaimed version of *Henry V*, returns to film with *Dead Again*, a movie about as far from Shakespeare as one can get. Instead of paying homage to the Bard, in *Dead Again* Branagh pays homage to Hitchcock and the films of the 40s.

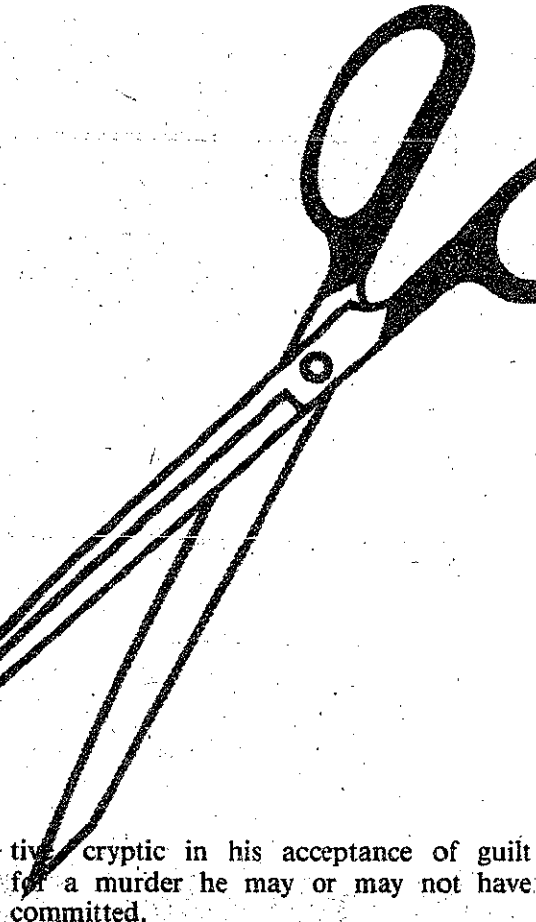
Parts of *Dead Again* play like outtakes from Hitchcock's most famous works: the obsessive son-mother relationship of *Psycho*, the hypnotism (and Dali artwork) of *Spellbound*, the antique shop and dizzying tower shots of *Vertigo*. Memories of a 1948 murder are even shot in black and white in a style that recalls the films of that period.

The Hitchcock tributes garnish a plot packed with all of the most ridiculous elements: reincarnation, hypnotism, fate with a

capital F, amnesia, and bizarre modern art. Reincarnation stories, as a rule, are pretty silly, and this one is no exception. However, the characters are so compelling and the acting so fine that it is easy to suspend one's disbelief, and by the time some shocking revelations are made, it doesn't matter that the film is about two people reliving past lives.

Branagh plays Mike Church, an LA detective hired to figure out the identity of an amnesic woman (Emma Thompson) who wakes up screaming every night. Aided by Franklin Madison (Derek Jacobi), an antiques dealer and part-time hypnotist who uses his skill to coerce subjects into revealing the locations of vintage furniture, Church and "Grace," as the detective names the woman, discover that they are somehow involved in a murder that took place over 40 years ago.

The murder in question, that of pianist Margaret Strauss, made large-point headlines in 1948. Strauss' husband, Roman, a famous conductor, was convicted of the murder and executed. These sequences are some of the best parts of *Dead Again*, recalling 40s mystery movies and the tender way black-and-white can sculpt a person's face. Branagh and Thompson play dual roles as the Strausses, a couple who vow to love each other forever, but whose relationship is strained by severe money problems and allegations of an affair. Thompson is luminous as Margaret, and Branagh's Roman is mysterious and seduc-



tively cryptic in his acceptance of guilt for a murder he may or may not have committed.

Margaret was stabbed to death with a pair of scissors, and scissor imagery dominates the movie. Scissors trim Roman's hair prior to execution, Mike has scissors lying around his house, Branagh's camera shoots random pairs of scissors wherever it

finds them — the only thing missing from *Dead Again* is Edward Scissorhands. The scissor imagery reaches wonderful, ridiculous excess when Mike and Grace discover that she is really an artist, Amanda Scissorhands (get the pun?), whose work revolves around scissors. There's a parody of Man Ray's cello-model with scissors instead of fiddles on her back, and even Dali's *The Persistence of Memory* can't escape, with scissors replacing the pocket watches melting off the spiky trees.

Of *Dead Again's* supporting cast, only Derek Jacobi stands out. Jacobi, who has played roles ranging from Cyrano de Bergerac in the Royal Shakespeare Company production to the Roman emperor Claudius in the *Masterpiece Theatre* series, "I, Claudius," is enigmatic as Madison the antiques dealer. *Dead Again* contains one incredibly funny reference to this series, and fortunately, the film's release coincided neatly with a re-run of "I, Claudius." His character appears as if out of a magic puff of smoke, and remains wispy and hard to pin down for the rest of the film.

It is these little things about *Dead Again*, like the scissors and the small quirks of character, that make it such an entertaining movie. Branagh's surprisingly generic American accent, Branagh and Thompson unconsciously repeating lines spoken by their dead counterparts, the loving references to Hitchcock — all come together to create a film that pleases with its wry humor and thrills with its suspense.

on the town returns to its regular tuesday schedule on Sep. 3 ★★★★★★

On The Town

Compiled by Deborah A. Levinson

Friday, Aug. 30

CONTEMPORARY MUSIC
Lunatics, Seka, Slaughter Shack, and Kildren perform at 8 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Telephone: 451-1905.

Food for Feet perform at 8 pm at the Edge, One Necco Place, near South Station in downtown Boston. Tickets: \$5. Telephone: 426-7744.

THEATER
Sweeney Todd, the Demon Barber of Fleet Street. Stephen Sondheim's musical, is presented by the MIT Musical Theater Guild tonight at 8 pm through September 1, September 5-8, and September 12-14 in Kresge Little Theater. Tickets: \$8 general, \$7 MIT staff, students, and seniors, \$5 MIT/Wellesley students. Telephone: 253-6294.

FILM & VIDEO
★ ★ ★ CRITICS' CHOICE ★ ★ ★
The Seventh Annual Boston International Gay and Lesbian Film Festival concludes with *Evenings* (1990, Rudolph van der Berg) tonight and tomorrow at the Institute of Contemporary Art, 955 Boylston Street, Boston. Tickets: \$5. Telephone: 266-5151.

Contact UFO — Alien Abductions plays Friday at 4:30, 6:15, 8, and 9:40 and Saturday and Sunday at 2:30 at the Brattle Theatre, 40 Brattle Street, Harvard Square. Tickets: \$5.50 general, \$3 seniors and children under 12. Telephone: 876-6837.

Ring of Fire, taking viewers into the centers of active volcanoes encircling the Pacific Ocean; and *Blue Planet*, a panoramic view of our home planet from a vantage point 200 miles above Earth, continue indefinitely at the Museum of Science, Science Park, Boston at the Science Park station on the Green line. Tickets: \$6 general, \$4.50 seniors and children. Telephone: 523-6664.

★ ★ ★ CRITICS' CHOICE ★ ★ ★
The 23rd International Tournee of Animation, featuring the Grand Prize Winner at 1991's Anney Film Festival, Garry Bardin's "Grey Wolf and Little Red Riding Hood," as well as new works by Bill Plympton, Paul Driessen, and others, begins today at the Coolidge Corner Theatre, 290 Harvard Street in Brookline. Telephone: 734-6600.

The Museum of Fine Arts continues its series *More Adventures and Thrills from Hong Kong* with part one of Project A (1983; Jackie Chan) at 6 pm and Mr. Canton and Lady Rose (1989; Jackie Chan) at 8 pm. Tickets: \$5 general, \$4.50 MFA members, students, seniors. Telephone: 267-9300.

Saturday, Aug. 31

CONTEMPORARY MUSIC
Max Creek and J.T. and the Screams perform at 8 pm at the Channel, 25 Necco Street, Boston, near the South Station stop on the MBTA Red Line. Tickets: \$6.50 in advance or \$7.50 at the door. Telephone: 451-1905.

Jumpin' Blues Dance Party with Roll With It from 5-9 pm at the Western Front, 343 Western Ave., Cambridge. Tickets: \$2 with valid MIT ID.

FILM & VIDEO
The Wild Child (1969, Truffaut) at 4:15, 6, 7:45, with a Monday matinee at 2:30 and *The Return of Rocky and Bullwinkle* at 9:30 play through September 5 at the Brattle Theatre, 40 Brattle Street, Harvard Square. Tickets: \$5.50 general, \$3 seniors and children under 12.

Contact UFO — Alien Abductions at 2:30 at the Brattle Theatre. See August 30 listing.

Sunday, Sep. 1

FILM & VIDEO
The Wild Child and *The Return of Rocky and Bullwinkle* at the Brattle Theatre. See August 31 listing.

Contact UFO — Alien Abductions at 2:30 at the Brattle Theatre. See August 30 listing.

Monday, Sep. 2

FILM & VIDEO
The Wild Child and *The Return of Rocky and Bullwinkle* at the Brattle Theatre. See August 31 listing.

Tuesday, Sep. 3

CONTEMPORARY MUSIC
Buffalo Tom and God's Eye perform at 7:30 pm at the Middle East Cafe, at the corner of Massachusetts Avenue and Brookline Street in Central Square. Tickets: \$7. Telephone: 492-9181.

EXHIBITS
People and Computers: Milestones of a Revolution opens today and continues through mid-June, 1992 at the Computer Museum, 300 Congress Street, Boston. Museum hours: Tuesday-Sunday, 10-5. Tickets: \$6 general, \$5 students and seniors, members and children under five free, half-price admission Saturdays 10-noon. Telephone: 426-2800.

FILM & VIDEO
The Wild Child and *The Return of Rocky and Bullwinkle* at the Brattle Theatre. See August 31 listing.

Ongoing Theater
Le Cirque Invisible (The Invisible Circus), an unusual mix of comedy, acrobatics, animal acts, and magic, continues through September 1 at the American Repertory Theatre, 64 Brattle Street, Harvard Square. Performances through

Saturday at 8 pm and Sunday at 2 pm. Tickets: \$17 to \$35. Telephone: 547-8300.

ImprovisBoston, Boston's longest-running improvisational comedy troupe, continues its late-night performances every Friday and Saturday indefinitely at 10:30 at the Back Alley Theater, 1253 Cambridge Street, Inman Square, Cambridge. Tickets: \$8 general, \$6 students. Telephone: 491-8166.

The Miser, Molière's classic comedy of Harpagon the miser and his attempt to keep his family and servants from stealing his precious money, continues through September 1 at The Publick Theatre, Christian A. Herter Park, Soldiers Field Road, Boston. Performances Thursday-Sunday at 8 pm. Tickets: Thursday and Sunday, \$13 general, \$11 seniors and those under 16; Friday and Saturday, \$15 general, \$13 seniors and those under 16. Telephone: 782-5425.

Nonsense. Dan Goggin's comedy about the Little Sisters of Hoboken who stage a talent show to raise money to bury four of their number, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tuesday-Friday at 8 pm, Saturday at 6 pm & 9 pm, with matinees Thursday at 2 pm and Sunday at 3 pm. Tickets: \$15.50 to \$26.50 general, half-price for seniors and students on Thursday matinee. Telephone: 426-6912.

Shear Madness, the long-running comic murder mystery, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tuesday-Friday at 8:00, Saturday at 6:30 & 9:30, and Sunday at 3:00 & 7:30. Tickets: \$18 and \$23. Telephone: 451-0195.

Ongoing Exhibits

ON CAMPUS
Demarcating Lines: Urban Projects for Beirut by Young Architects continues

Friday, Aug. 30

through July 19; Watercolors by Freddy Homberger, landscapes — primarily of Mexico and Maine — by the physician/scientist/diplomat/artist, continues through September 12; and Doc Edgerton: Stopping Time, photographs and memorabilia documenting the invention and use of the strobe light, continues indefinitely at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 1-5. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

★ ★ ★ CRITICS' CHOICE ★ ★ ★
Crazy After Calculus: Humor at MIT, documenting the rich history of MIT wit and wizardry shown through hacks, continues through September 21 in the MIT Compton Gallery, between lobbies 10 and 13. No admission charge. Telephone: 253-4444.

OFF CAMPUS

★ ★ ★ CRITICS' CHOICE ★ ★ ★
Pleasures of Paris from Daumier to Picasso, focusing on amusements that were part of Parisian life during the last quarter of the 19th century, as seen in paintings, prints, drawings, photographs, and posters, continues through September 1 in the Gund Gallery, Museum of Fine Arts, 465 Huntington Avenue, Boston. Museum hours are Tuesday-Sunday 10-5 and Wednesday 10-10. Admission: \$6 general, \$5 seniors and students, free with MIT ID. Telephone: 267-9300.

American Screenprints: 1930s-1960s, highlighting the use of screen prints from social commentary to surrealism and abstraction, continues through September 29 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

★ ★ ★ CRITICS' CHOICE ★ ★ ★
William Wegman: Paintings, Drawings, Photographs, Videotapes, an exhibition of the Massachusetts-born artist famous for the humorous photographs of his pet Weimaraners in a variety of poses and costumes, continues through October 6 at the Institute of Contemporary Art, 955 Boylston Street, Boston. Gallery hours are Wednesday and Sunday 11-5, Thursday-Saturday, 11-8, closed Mondays and Tuesdays. Admission: \$4 general, \$3 students with valid ID, \$1 U Mass Boston and MIT students, free for ICA members. Telephone: 266-5152.

The Return of Rocky and Bullwinkle plays at the Brattle Theatre Aug. 31-Sep. 5.

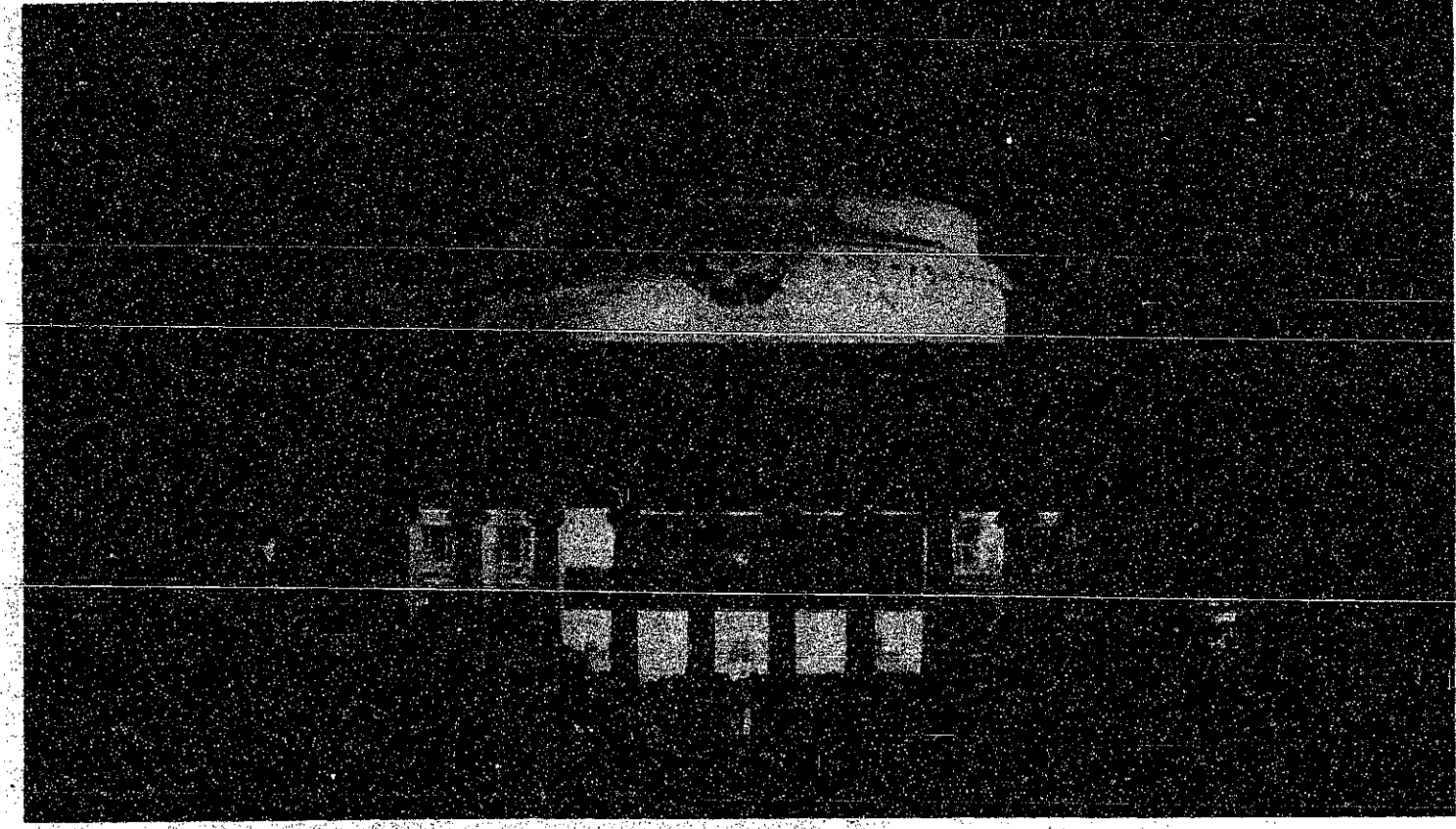
Gems, featuring ancient treasures, natural stones, rarely-seen private collections, and spectacular baubles, continues through October 27 at the Museum of Science, Science Park, Boston. Museum hours are daily 9-5, Friday 9-9. Admission (includes regular admission): \$8 general, \$6.50 seniors, students, & children, \$2 with MIT ID. Telephone: 523-6664.

Geo-Luminescence, a sculptural installation by Ritsuko Taho, continues through October at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Cambridge. Telephone: 495-3251.

Interrogating Identity, a mixed-media exhibition investigating the meanings of the term "Black Art," continues through November 3 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Introducing the World of Textiles, a selection of the textiles collected by Isabella Stewart Gardner during her lifetime, continues through November 3 at the Isabella Stewart Gardner Museum, 280 The Fenway, Boston. Museum hours: Tuesday-Sunday, 12-5. Tickets: \$6 general admission, \$3 seniors and students, free to children under 12, free to students and Fenway neighborhood residents on Wednesdays. Telephone: 566-1401.

Romantic and Fantastic Landscapes, 25 eighteenth- and nineteenth-century landscape paintings depicting the idyllic scenes of nature, continues through July 1992 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.



Crazy after Calculus: Humor at MIT continues through September 21.

Upcoming Events

Sting at Great Woods on September 13 and 14. Big Audio Dynamo at Citi on September 16 and 17. Moiseyev Dance Company at the Wang Center on September 19-22. The Puggies at the Orpheum on September 27. Crowded House and Richard Thompson at the Orpheum on September 28. The Moscow Circus at the Wang Center on October 1-6.

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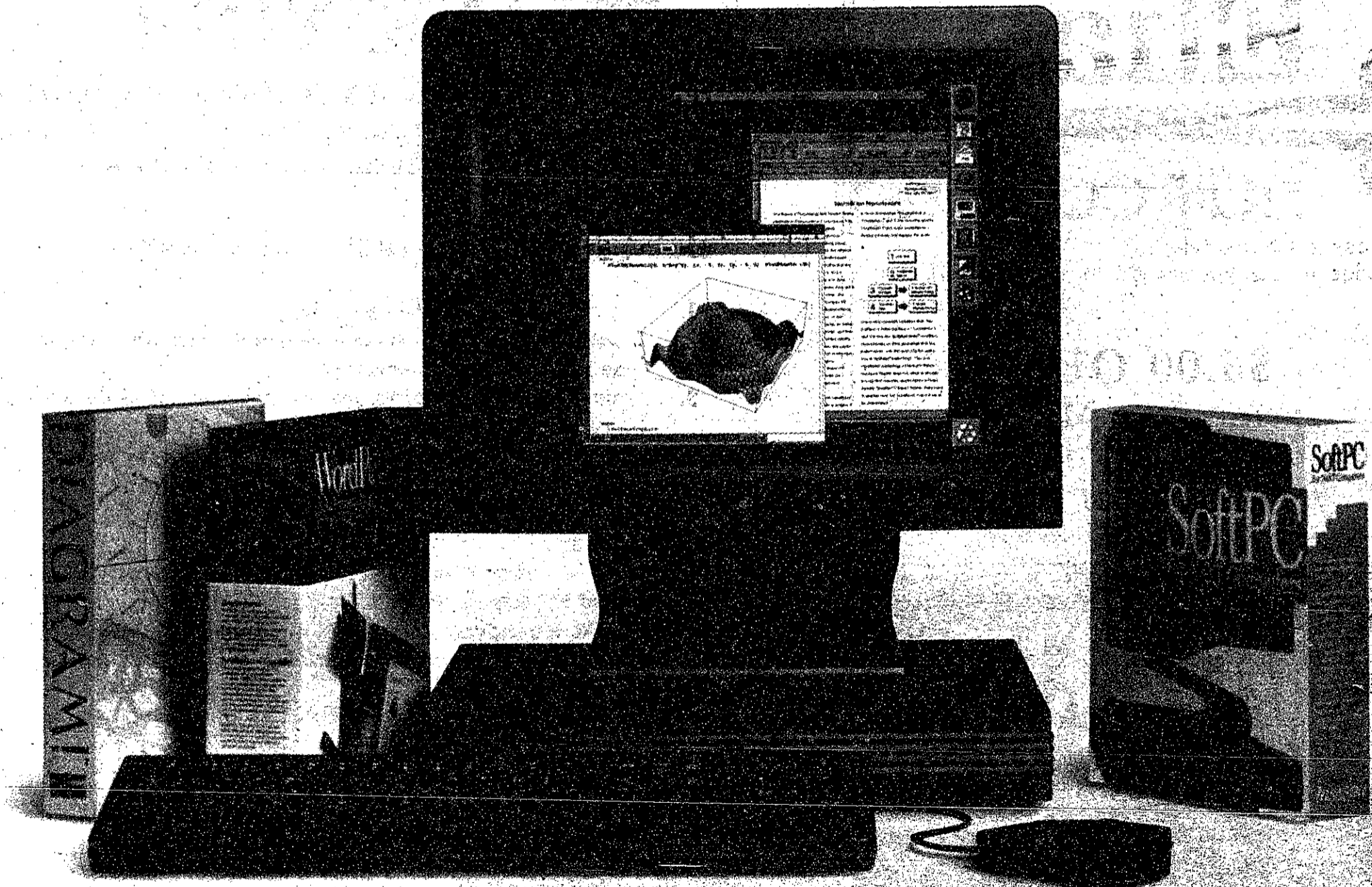
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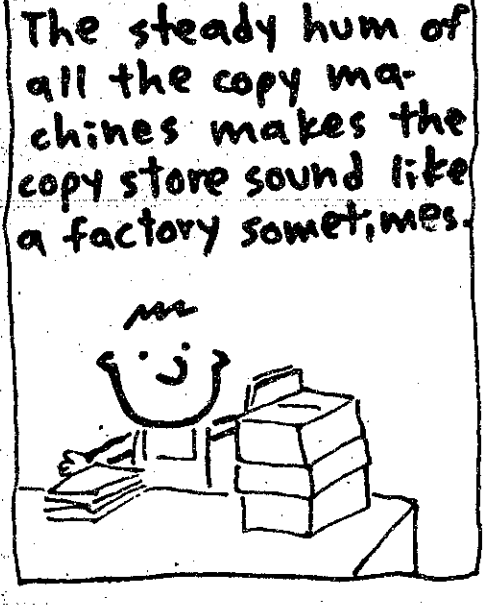
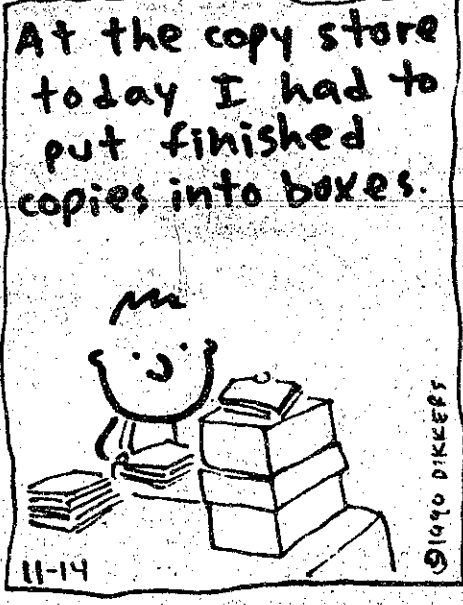
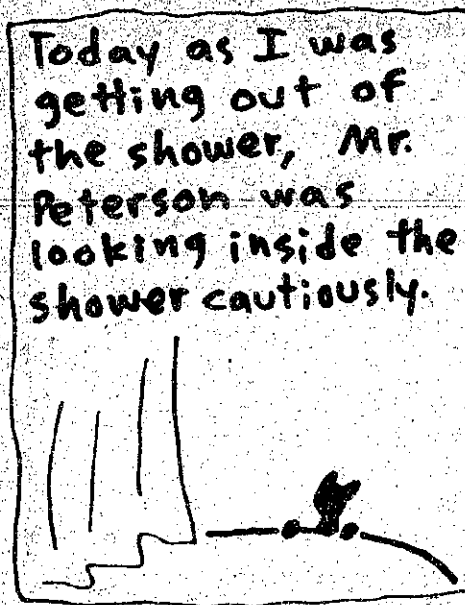
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THANK YOU!

If you are among the hundreds of MIT students who completed last May's survey, *Alcohol, Drugs, and Student Attitudes at MIT*, thanks for your help. As promised, here are the answers to

Ten Quick Questions on Alcohol and Drugs

- T F 1. Alcohol is considered to be a drug.
- T F 2. Switching drinks will make a person drunker than staying with one kind of alcoholic beverage.
- T F 3. Someone under the influence of alcohol is apt to do something that would be out of character when sober.
- T F 4. Memory loss following a drinking occasion happens to most drinkers now and then.
- T F 5. Women can tolerate greater quantities of alcohol by body weight than men.
- T F 6. 80% of college students in the United States use drugs.
- T F 7. Mood altering drugs do not cause addiction.
- T F 8. Unlike other drugs, marijuana has no withdrawal side effects.
- T F 9. Marijuana smoke is more harmful to the lungs than cigarette smoke.
- T F 10. Unlike crack, cocaine poses little risk of addiction.

1) T 2) F 3) T 4) F 5) F 6) T 7) F 8) F 9) T 10) F

For more information about alcohol, drugs, or any health issue, stop by the Medical Department's Student Health Resource Center, W20-547.

For a personal answer to a personal question, call a health educator at 253-1316 or E-mail your questions to HEALTH@MITVMA.

The Student Health Resource Center is supported in part by a FIPSE grant from the US Dept. of Education.

Vest welcomes new students to the Institute

(Continued from page 9)

this environment from that of your high schools. One of the biggest differences will perhaps be a relief to some of you: On the banks of the Charles River it is okay to be a nerd.

Some of you may be bristling at that word — some of you have heard it when it wasn't intended as a compliment — but around here you will find it becomes at worst a way of gently teasing ourselves about the seriousness of our efforts, and at best a kind of term of goodwill.

It is a good-natured reminder that MIT strongly respects focused intellectual achievement, inventiveness and dedication — even as it opens to you ever broader worlds and opportunities.

Good and bad

Now look about you. (Not at the stage for goodness sakes, but among yourselves.) You will observe an amazing assemblage of people with whom you can connect intellectually. This concentration of brain power is one of the things that make MIT the absolutely unique and amazing place it is. That is wonderful.

But it is also troubling in a sense. You are probably accustomed to excelling in every or almost every academic activity you undertake. Out of this entering class of 1,050 students, nearly a third of you were your high school's valedictorians. And 83 percent of you were in the top five percent of your high school class. The rewards for the camaraderie among you will be great — but the competition, my friends, will take some getting used to. Don't overdo it.

I say that not to intimidate you, but rather so that — when you ask yourself "What happened? I used to be at the top of everything!" — you will know that the feeling is very, very common among MIT students.

"During your years here, and in the future, you will be leaders — as thinkers, doers, entrepreneurs, teachers, designers, managers, artists or athletes."

You can do it

But rest assured that you can succeed at MIT. Your high school teachers knew this. Your parents know this, though they may be a little scared for you and with you right now. The admissions committee knew it, too. So does the faculty. They are one of the best faculties in the world, and you have, in part, come here because of them. But it's also important for you to know that they have come here, in part, because of you — for the privilege of interacting with and being challenged by you.

You are the best of the best, and you are well prepared to take advantage of the riches that are available to you here.

An end to preparations

Depending on what your future plans are, you may still be viewing the next four years as a preparation — preparation for graduate school, for medical training, for the day when you will head a major multinational corporation, or be the designer of great buildings, or a professor at MIT.

But I would encourage you to think of these next four years, not as a preparation, but as 48 months of days filled with present-tense opportunities.

Getting started

How do you take advantage of these days of opportunity?

- Attend your classes. You will see that there will be some among you who'll try to skip that step. I don't recommend it.

- Seize every opportunity to work in close collaboration with faculty members — frankly, they are unlikely to pop by and invite you out for coffee tomorrow afternoon. But they are eager to know their students, and they're not so inaccessible as you might suspect.

- Ask them questions. Seek their guidance. Hundreds of you are enrolled in Freshman Advisor Seminars. In them you can work in small groups with faculty members in their areas of interest.

"You are not the result of a computer glitch, or the report of an incompetent educational counselor."

- Or consider enrolling in one of the dozens of undergraduate seminars, which are available in the fall term. Take an active role together with faculty in UROP — the Undergraduate Research Opportunities Program.

- If you want to be a member of a smaller community within a community at MIT, look into such alternative programs as Concourse, the Integrated Studies Program, and the Experimental Studies Group.

- Explore other societies and cultures. This is an enormous opportunity in such a cosmopolitan university and city.

- Get used to working cooperatively within groups. You'll get a taste of this right after this session, when you find out what the Orientation Committee has in store for you.

My freshman year

I have made a few comments regarding how you should go about learning during your first year at MIT. Now I would like to turn the tables and tell you some of the things that I learned during the last twelve months, that is during MY freshman year as president:

- Undergraduate education is considered to be the heart of the Institute.

MIT is a research university. The quality of the personal and professional lives we will share here in Cambridge derive from that, but I have been delighted to learn that there is a deep and pervasive common understanding that undergraduate education is important — indeed, that it is the foundation of the Institute.

- MIT is dedicated to leadership and service to the nation and world: It is perhaps the primary wellspring of scientific and technological knowledge and innovation in the world. It continually asks, "What are the most important issues facing humankind?" Global environmental

"As we're fond of saying at the Institute, 'You can always tell a Harvard student, but you can't tell him much.'"

change? Biomedical advances? Industrial productivity? Communications? Energy? And it then asks: How can we contribute? What research is needed? What advice do governments need? How must we educate our students to improve the human condition?

- MIT is unique: There is no other institution like MIT in the world.

Sen. Kennedy: "If MIT were for sale, every other nation in the world, plus 49 other states, would want to buy it, regardless of price."

The student culture is like no other. The faculty is like no other. The curriculum is like no other. The spirit of invention is like no other. The heritage of scientific and technological accomplishment is like no other.

Integrity and service

But the privilege of participation and education within such an institution invest you with certain responsibilities. With your indulgence, I would like to close by commenting on two of these responsibilities — integrity and service.

At MIT you will gain important knowledge and skills. But you will also further develop your personal and communal values and attitudes. I believe that we in the university have a responsibility that transcends that of developing and passing on knowledge and skills. This responsibility is to teach you that intellectual and personal integrity are the only substrate on which research, scholarship and leadership can be built. And I ask you to consciously develop and maintain the highest ethical standards and commitment to personal integrity as you study and live at MIT.

I also hope that you will also develop a sense of service. We have just been through an era that, for whatever reason, seems to have been characterized by far too much emphasis on the self. This has often been manifested as overt greed. It is time for this to change.

I challenge you to set as your goal the use of your considerable talents to be of service to your fellow men and women. You can find many ways of doing this while you are students and after you have left MIT. It is critical that you do so.

"I would encourage you to think of these next four years, not as a preparation, but as 48 months of days filled with present-tense opportunities."

Doc Edgerton said . . .

MIT has a lot of folk heroes, and you'll get to know some of them. One you won't meet — except in a hologram you may wish to take a peek at in Building 4 is "Doc" Edgerton, the father of stroboscopic photography, who died last year at age 86.

Doc, who worked with students right up until the time he died, was always eager to see them get going quickly — to see them strike while the iron of an idea was hot. When a student proposed an idea, no matter how ambitious or how far-fetched, he would never hesitate, but would gesture them hastily toward the strobe lab door, saying, "Well, let's get started."

I hope that you, like Doc, will make it a habit — beginning today — to jump in with both feet.

Let's get started.

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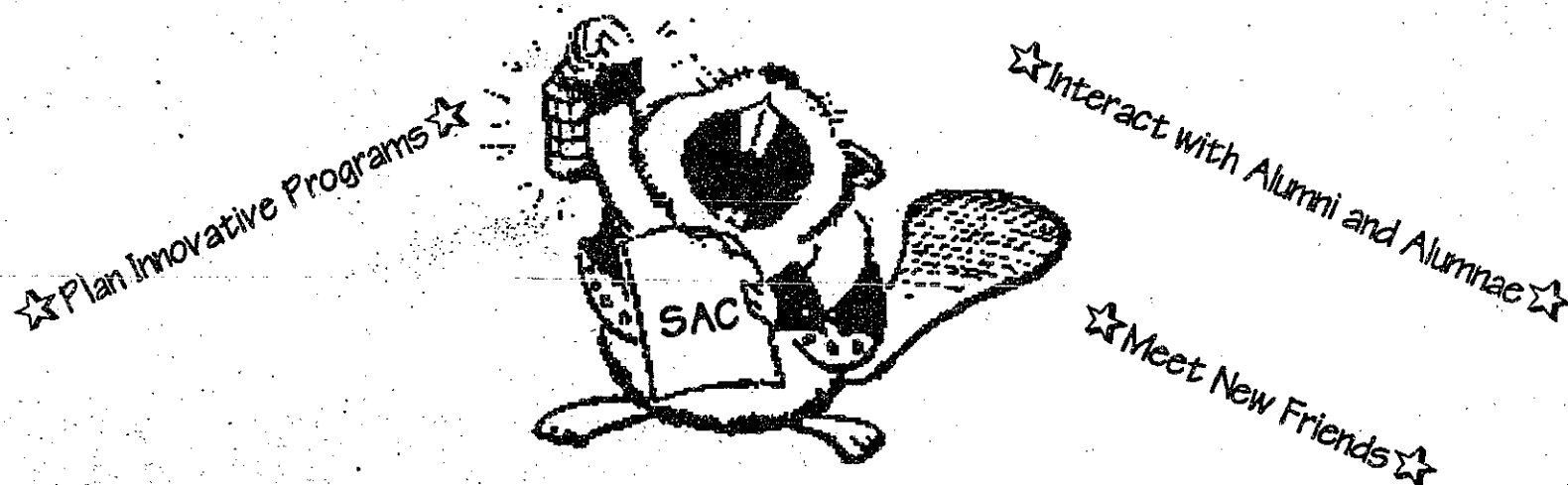
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(From the MIT Student Alumni/ae Council)



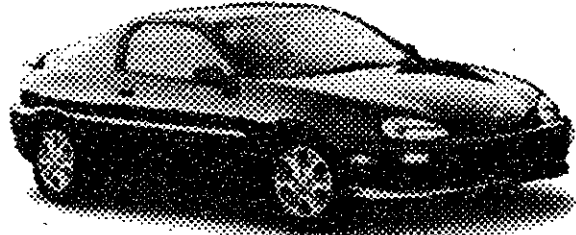
☆Be an Official Student Ambassador at MIT Events☆

Informational meeting on Monday, September 16 at 6 p.m. in the Bush Room, 10-105
Call 253-0708 for any questions and to R.S.V.P.

Dinner will be served!

Be on the lookout for our MIT Weekly Academic Calendar on Sale during R/O

You'll be surprised by all the things that come connected to an IBM Personal System.



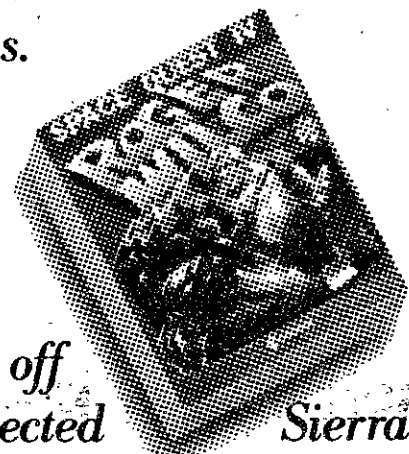
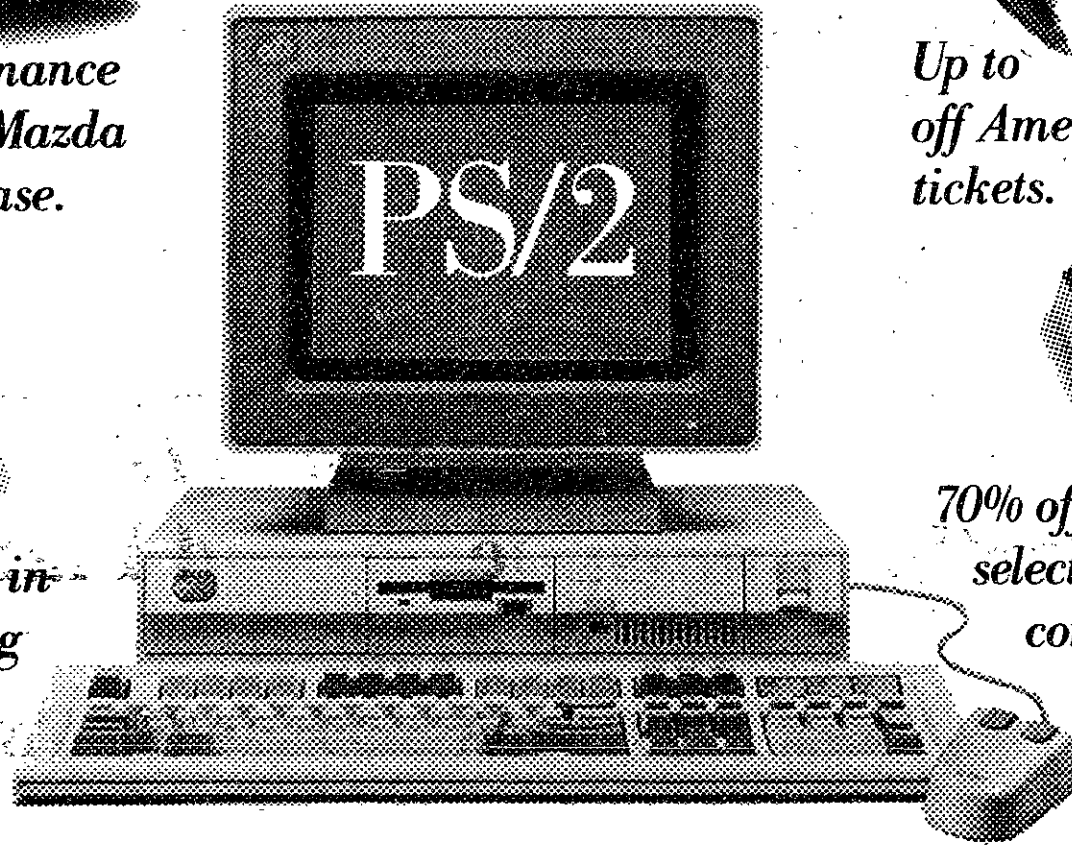
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 Monday Noon-4:30pm
 Tuesday-Friday 10am-4:30pm



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comics

Jim's Journal

Today I called Steve to see if he wanted to do something.



11-16

He came over and we just sat around.



His tennis shoes were stark white.

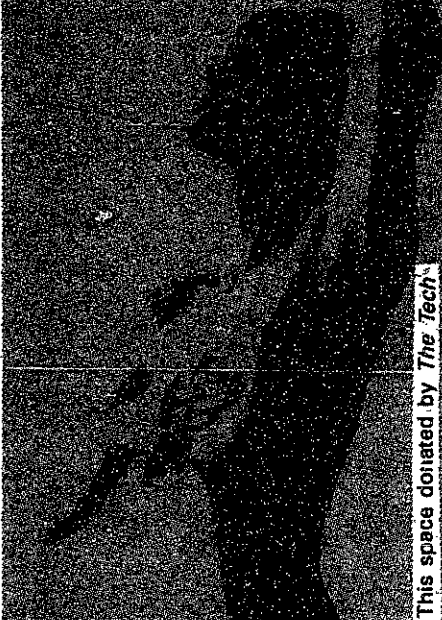


by Jim

I asked him if he got new shoes and he said yes.



Give yourself a hand against breast cancer



This space donated by The Tech

Breast self-examination is easy, takes only a few minutes and can be performed in the privacy of your own home. It's an important way you can detect early and highly curable breast cancer. Through monthly breast self-examinations, you will learn how your normal breast tissue feels and will be able to recognize a change if one occurs. In fact, most breast lumps are found by women themselves.

Take control of your body and your life.

Make breast self-examination a part of your monthly routine. And see your doctor regularly for clinical exams and advice on mammography.

For a free pamphlet about breast self-examination, call your local American Cancer Society.

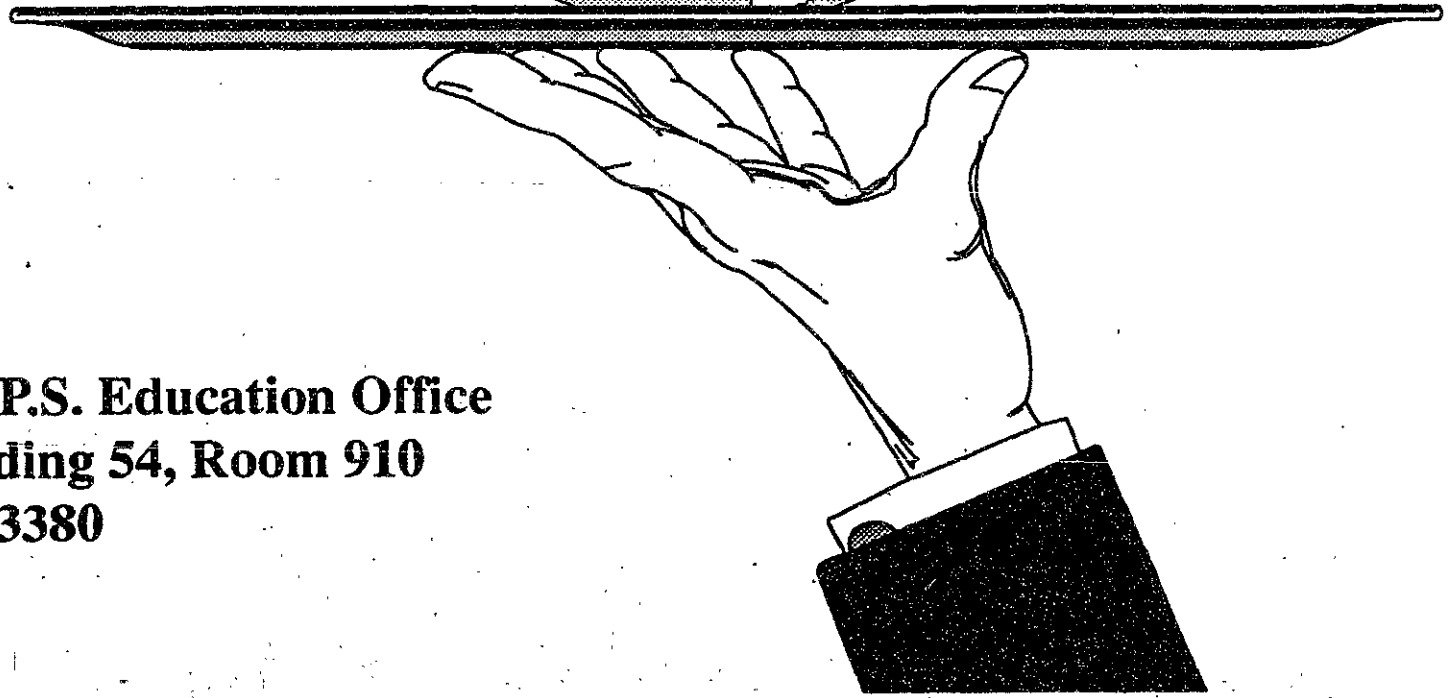
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GRAND CELEBRATION SEPT 2 THRU SEPT 13

Mon	Tue	Wed	Thu	Fri
2 Sports Night: Monday Night Football	3  Dart Tournament 8PM Free T-shirt For Winner	4 Movie Night: The Naked Gun 9 pm	5 <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block;">Happy Hour</div> featuring Wing-It Buffalo Wings 7 pm 	6 Dance Party!  Club Music  all night!
9 Sports Night: Monday Night Football	10  Dart Tournament 8PM Free T-shirt For Winner	11 Movie Night: Bill & Ted's Excellent Adventure 9 pm	12 <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block;">Happy Hour</div> featuring Wing-It Buffalo Wings 7 pm 	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <i>Friday the 13th</i> "Good Luck!" Party </div> 

Join
The Thirsty Ear Grand Celebration

with free door prizes and raffle drawing at 11 pm!

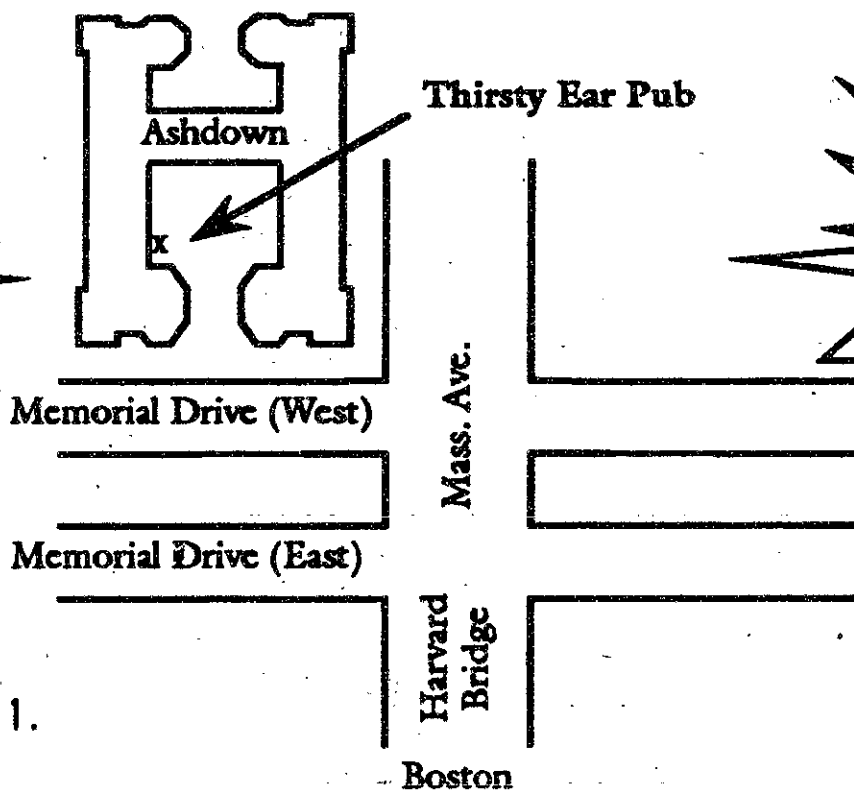
Grand Prize: \$50 Newbury Comics Gift Certificate

2nd Prize: \$10 Toscanini's Ice Cream Gift Certificate

(Register for raffle anytime during Sept 2 through Sept 13.)

Winners must be present at time of drawing. One entry per visit. No purchase necessary.)

SPECIAL
Rolling Rock
Bottle 75¢
 Sept 2 thru 13

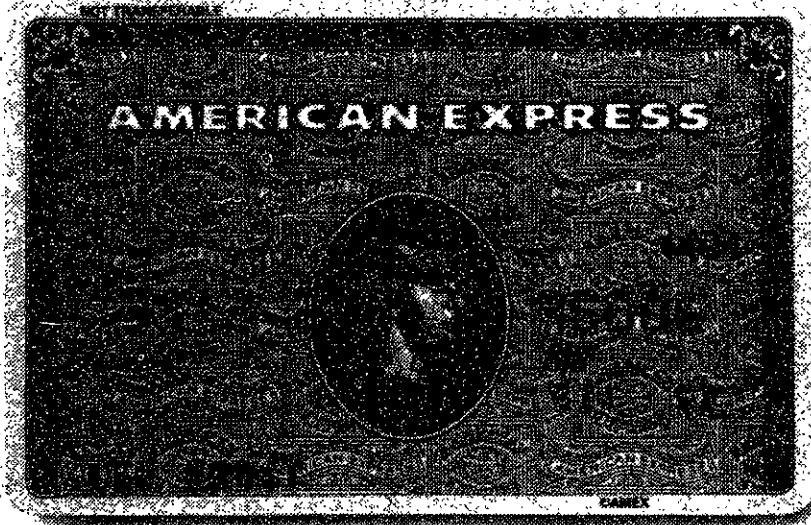
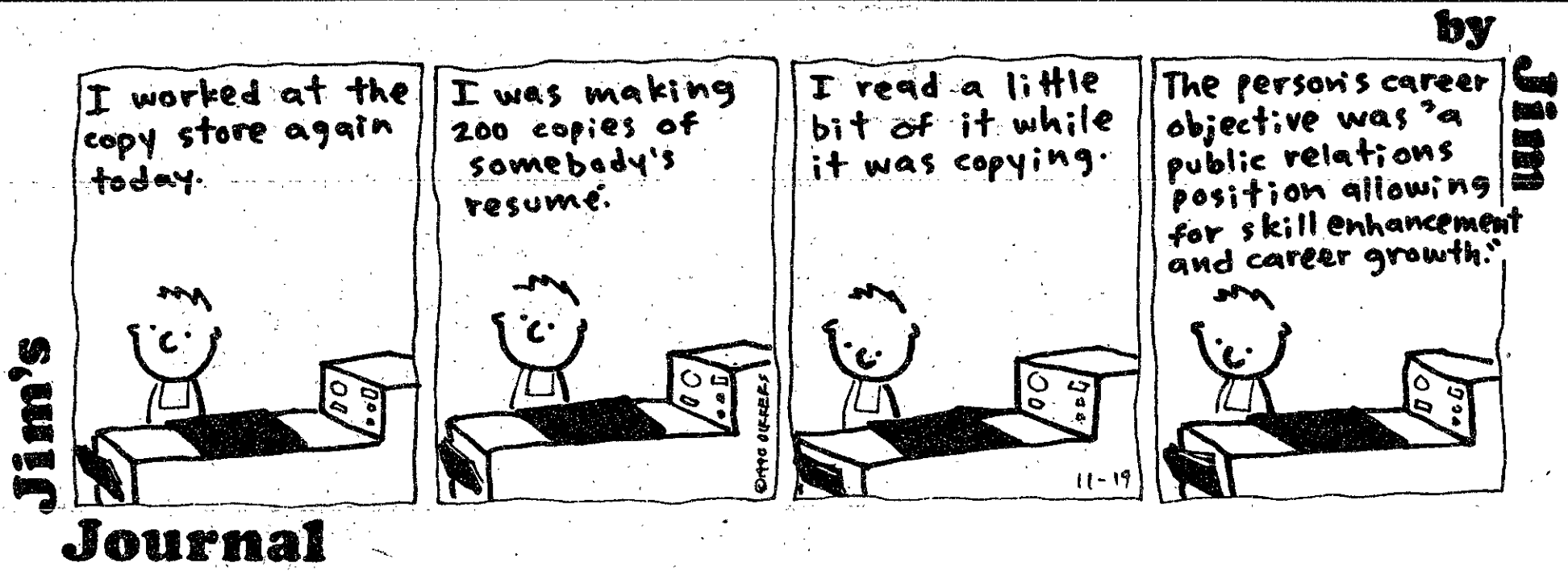


SPECIAL
MOLSON tap
Cup 50¢
 Sept 2 thru 13

Hours:
 Mon-Thu 6 pm - 1 am
 Fri 4 pm - 1 am

Massachusetts drinking age 21.
 Positive ID required.

comics



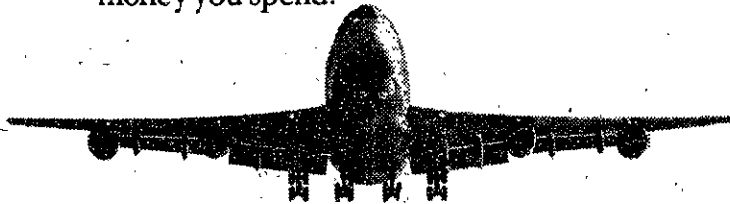
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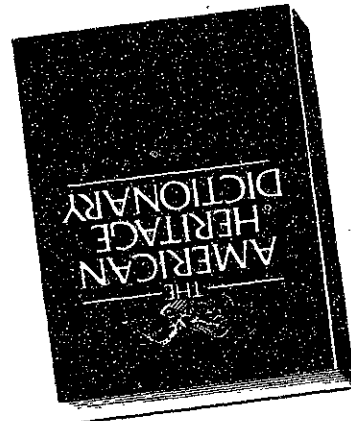
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sports

Pro Football Schedule AMERICAN LEAGUE

Team	W	L	T	Pct.	GB	Strat.
Toronto	10	6	0	.625	0	1
Detroit	10	6	0	.625	0	1
Boston	9	7	0	.562	1	2
Milwaukee	8	8	0	.500	2	3
New York	7	9	0	.437	3	4
Baltimore	6	10	0	.375	4	5
Cleveland	5	11	0	.312	5	6

Team	W	L	T	Pct.	GB	Strat.
Minnesota	10	6	0	.625	0	1
Pittsburgh	9	7	0	.562	1	2
Chicago	8	8	0	.500	2	3
Kansas City	7	9	0	.437	3	4
Texas	6	10	0	.375	4	5
Seattle	5	11	0	.312	5	6
California	4	12	0	.250	6	7

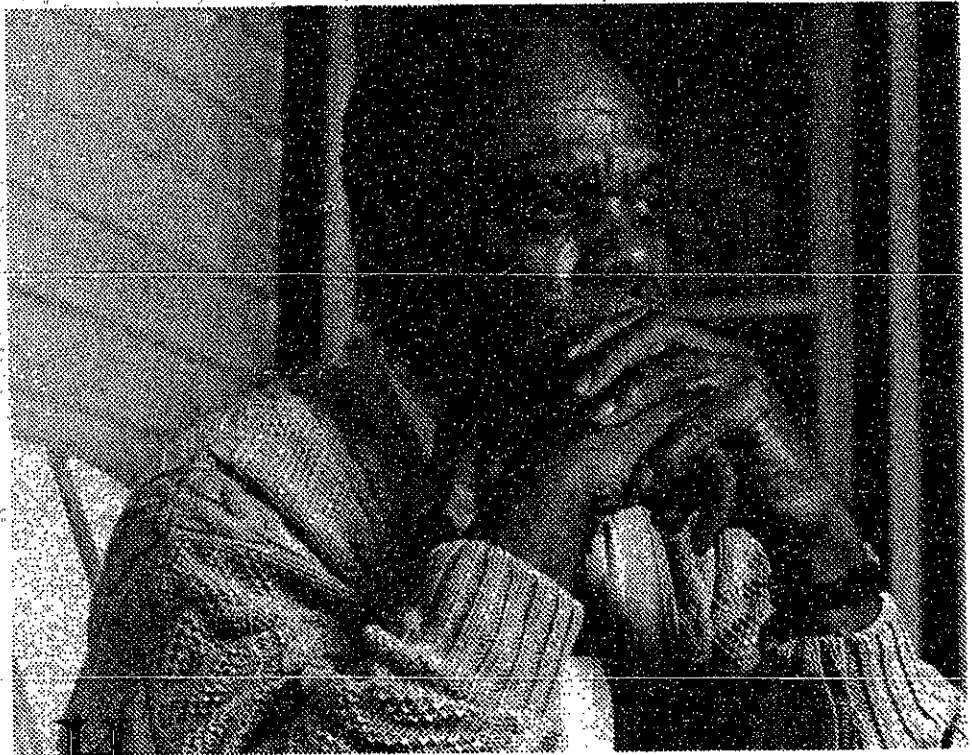
NATIONAL LEAGUE

Team	W	L	T	Pct.	GB	Strat.
Pittsburgh	10	6	0	.625	0	1
St. Louis	9	7	0	.562	1	2
Chicago	8	8	0	.500	2	3
New York	7	9	0	.437	3	4
Philadelphia	6	10	0	.375	4	5
Montreal	5	11	0	.312	5	6

*Late game not included

Team	W	L	T	Pct.	GB	Strat.
Atlanta	10	6	0	.625	0	1
Los Angeles	9	7	0	.562	1	2
Cincinnati	8	8	0	.500	2	3
San Diego	7	9	0	.437	3	4
San Francisco	6	10	0	.375	4	5
Washington	5	11	0	.312	5	6

*Late game not included



He wants to do his taxes but he finds it too difficult to hold a pencil.

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Gamerroom
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9/5: THE 360'S
ZUG ZUG
in Lobdell at 9:00 pm.

9/12: JUDYBATS
THE NATIVES
in La Sala at 9:00 pm.

Be a part of SCC. Meetings are on Sundays at 6:00 pm in the SCC office, 3rd floor of the Student Center. Or call, 253-3916.