

Welcome, Parents

MIT's
Oldest and Largest
Newspaper



The Weather
Today: Sunny, windy, 60°F (16°C)
Tonight: Clear, cool, 41°F (5°C)
Tomorrow: Chance of rain, 55°F (13°C)
Details, Page 2

Volume 117, Number 51

Cambridge, Massachusetts 02139

Friday, October 17, 1997

Student, Employee Assaulted Over Columbus Day Weekend

By Zareena Hussain
ASSOCIATE NEWS EDITOR

Two assaults over Columbus Day Weekend on Institute grounds were telling reminders to students about the realities of living on an urban campus.

On Monday morning, a female student was the victim of an assault near 240 Albany St., the location for the Cambridge and Somerville Program for Alcoholic Rehabilitation, stated a Campus

Police crime bulletin issued Tuesday.

"The victim was approached by a lone white male who asked her for spare change and then grabbed her right shoulder and shook her before shoving her away," the bulletin said.

On Friday night, an employee was the victim of an assault on Ames Street near Building E15, said Campus Police Captain John E. Driscoll, who issued the bulletin.

"An employee was assaulted

from behind and thrown to the ground as four suspects attempted to pull the knapsack off his back," the bulletin said. The victim was kicked by all suspects while he was on the ground.

Cruiser spots victim

Shortly after the assault took place on Albany Street, a Campus Police cruiser saw the victim in dis-

Assault, Page 26

Faculty Consider Revamping R/O, Housing All Freshmen on Campus

By Frank Dabek
ASSOCIATE NEWS EDITOR

In the wake of recent events, the faculty discussed on Wednesday alcohol-related issues and considered a motion that would mandate that all freshmen be housed in dormitories starting next year.

President Charles M. Vest opened the meeting by speaking about events following the death of Scott S. Krueger '01. Speaking of the voluntary ban imposed by the Interfraternity Council and

Dormitory Council, Vest said that "compliance, while certainly not complete, has been extensive." He said that the ban has "created discussion and thought" and thus fulfilled much of its objective.

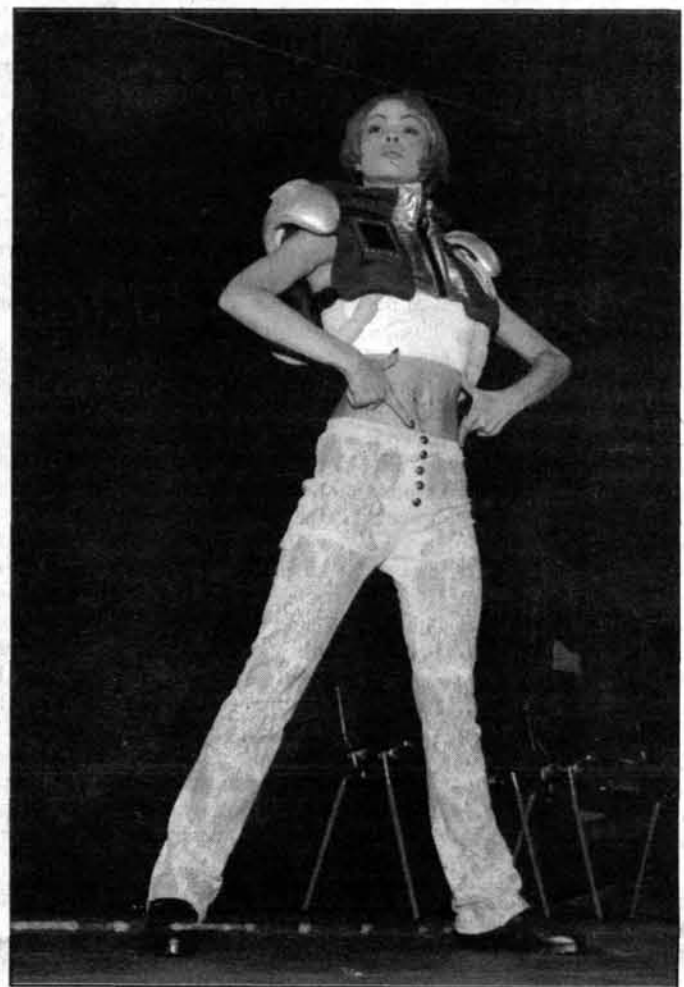
Vest also informed the faculty that formal investigations were underway and said that "MIT is being fully cooperative with these investigations."

It is "tragic the way this debate has been catalyzed" Vest said, but he reinforced the need for planning

and said if "rapid actions are taken without sufficient attention to detail, we will make mistakes."

Vest also announced that Head of the Department of Biology Phillip A. Sharp and Chief of Pediatrics and Student Health Services Mark A. Goldstein would chair the faculty and student seminar on binge drinking. He said that the goals of the seminar would be to survey, consult, learn and produce.

Faculty, Page 21



GABOR CSANYI—THE TECH

PILOT SUIT — Nerd culture teamed up with French fashion design at the Media Laboratory's Wearable Computing Fashion show on Wednesday afternoon.

New Internship Program Pairs Frosh with Alumni

By Carina Fung
ASSOCIATE NEWS EDITOR

This summer will mark the first year of the Freshmen/Alumni Internship Program. Freshmen will fan out across Boston to work for employers who will know the meaning of 6.001 and Lobby 7.

The program, allowing freshmen to work with alumni as their employers and mentors, is designed to give freshmen "a taste of the real world at an early start, as well as give them a strong foundation for future jobs," said Marshall Hughes, program administrator for Undergraduate Academic Affairs.

Another purpose of this program is to help freshmen regain self-esteem after a difficult first year at

MIT. Freshmen can learn to polish communication skills while establishing future work contacts, Hughes said.

"We see this as a unique opportunity for alumni to have a positive mentoring effect on a group of students who will, in turn, make a change in malaise and disaffection of many MIT students with what is happening to them at the Institute," said Program Director Arthur Steinberg, professor of anthropology.

Program attractive for companies

"The freshmen that I've talked to are very excited about the program, and the upperclassmen are wishing it was around for their freshman year," Hughes said.

"The alumni who are involved so far are also looking forward to the venture," Hughes said. At this point, Chairman of the Corporation Alexander V. D'Arbeloff '49, who also serves as head of Teradyne, has agreed to take six students this summer as interns, and Steinberg expects about 10 other alumni to participate in the program.

"Many alumni have asked how they can help the Institute in ways other than by giving money," he said.

Many forward-looking companies realize that their recruiting odds improve greatly if a relationship with the student is established during the school years, D'Arbeloff said. Generally, students are hired

Internships, Page 26

Coop Members to Receive 3.5 Percent Rebate

By Dudley Lamming
STAFF REPORTER

After several years of losses, the Harvard Cooperative Society returned to profitability last year, and members will be receiving a total rebate of almost a half-million dollars in the coming weeks.

An average member of the Coop will be receiving a check of between \$13 and \$15, equal to 3.5 percent of a member's purchases between July 1996 and June 1997, according to Coop General Manager Allen E. Powell.

Checks for MIT student members will be available at the Coop's Kendall Square location later this month.

The return to profitability last year was due to a variety of factors, Powell said. A large part of the credit is a result of refocusing the Coop on textbooks and away from "things that customers were less interested in and we were less competitive in," including computer hardware, electronics, men's and women's clothing, and music.

The Coop has also benefited from the economies of scale from outsourcing day-to-day operations to Barnes and Noble Booksellers since late 1995. "The Coop was a rather small company compared to Barnes and Noble," Powell said. "They were able to spread out their operating expenses over a much larger area."

The last time the Coop offered a rebate to its members was in 1992, when members received a one percent rebate on their purchases. During the 1980s, the annual rebate was as high as 9.5 percent. But by



TECH FILE PHOTO

The Coop returned to profitability last year. Members will receive a rebate of 3.5 percent of their purchases.

Coop, Page 13

INSIDE

■ MIT alumni win Nobel prizes in physics and economic sciences.

Page 10

■ *Playing God* should be avoided.

Page 7

■ *The House of Yes* has its merits.

Page 7

■ Comics

Page 15

WORLD & NATION

Clinton Uses Line-Item Veto On Pensions

THE WASHINGTON POST

WASHINGTON

President Clinton Thursday used the line-item veto again to kill a provision that would have allowed many federal workers to switch retirement systems and potentially boost their pensions.

The president's latest line-item veto of a 1998 spending bill eliminated an opportunity for more than 800,000 federal employees and 300,000 Postal Service workers to shift from an old civil service retirement program to a new benefits system. Clinton denounced the provision as "hastily conceived" and said it would cost taxpayers \$854 million over five years and force federal agencies to reallocate \$1.3 billion in taxpayer dollars to cover the cost of higher retirement benefits.

The National Treasury Employees Union, a major federal employees' union, quickly went to court here and filed suit challenging the constitutionality of the line-item veto. New York City also filed a suit Thursday against another veto action.

Papon Asked to Leave Another Residence

THE WASHINGTON POST

PARIS

Maurice Papon, France's most famous accused war criminal, is also fast becoming its most famous homeless person.

Papon, on trial in the city of Bordeaux for crimes against humanity, was asked Thursday to leave his third residence since the trial began last week. The judge in the case had freed him from detention Friday on the grounds that remaining in prison would damage his health.

Since then, Papon, 87, and his entourage have tried two luxury hotels and a four-bedroom rental house. He was asked to leave the hotels because they were receiving threatening telephone calls.

Thursday, the family that owns the rental house asked him to vacate for the same reason: They were getting death threats at their home in Paris. Papon has a few days to find another place, and his lawyer appealed to journalists Thursday not to reveal details when he moves.

In addition, the town council of Castres-Gironde, the Bordeaux suburb closest to the house, passed a resolution Wednesday evening "deploring" Papon's presence, which it called a "dishonor" for the community and its members. "We don't know exactly when he will leave, but we hope his days here are short," Mayor Daniel Constant said.

Nixon's Passion for Secrecy

THE WASHINGTON POST

With the fallout from a White House-sponsored burglary in the Pentagon Papers case fresh in the headlines and his approval of a "clearly illegal" 1970 domestic intelligence plan about to become public, President Richard M. Nixon vigorously but elliptically defended such measures on May 23, 1973, at a Cabinet Room meeting with Republican congressional leaders.

Nixon had just given them a rundown on varying negotiations with China, the Soviet Union and North Vietnam and emphasized how important secrecy was to their success.

"That is why you have to take the strongest measures to see that the bureaucracy doesn't leak, and that the Congress doesn't leak," Nixon said. "That is why we have taken such measures in the past. And it is one thing you need not be a bit defensive about."

His remarks drew sustained applause. They were a brief snippet from 154 hours of Cabinet Room tapes made during the Nixon presidency that were made public Thursday at the National Archives facility in College Park. They include 436 conversations and meetings on subjects from Africa to Yugoslavia and controversies from auto safety to the standoff at Wounded Knee.

The releases, delayed for decades by legal wrangling with the late president and his estate, are the first large batch of Nixon tape recordings to be made public since last year's disclosure of 201 hours of tapes reflecting "abuse of government power" during Nixon's tenure.

Two segments released Thursday, including Nixon's remarks about "the strongest measures" to prevent leaks, were labeled "abuse of power."

WEATHER

Autumnal Angst

By Gerard Roe
STAFF METEOROLOGIST

The large scale features of the current weather situation will be rather static over the next few days, but a few smaller scale events promise an unsettled picture as we head through the weekend. With a large high pressure to the west and a quasi-stationary cyclone to the west of Newfoundland, the resulting circulation spreads cold northerly air over the region. We will be lucky to see 60°F (16°C) for a high. Today will be rather pleasant though with the sun making an appearance for the first time in a while. Saturday promises some cloudiness as the northern edge of an upper air system brushes by us on its way east. In the longer term, precipitation threatens on Sunday evening as a storm predicted to develop off the East Florida coast in the next couple of days begins to head in our direction.

Today: Sunny. Winds from the north at 10-15 mph (16-24 kph). High 60°F (16°C)

Tonight: Mostly clear, and cool. Low 41°F (5°C)

Saturday: Partly cloudy winds dropping a little. High 55°F (13°C). Low 41°F (5°C)

Sunday: Chance of rain especially later in the day. High around 55°F (13°C). Low around 40°F (5°C)

Infertility Researchers Find Success Using Frozen Eggs

By Sharl Roan

LOS ANGELES TIMES

In yet another leap forward in the treatment of infertility, two separate groups of researchers report they have achieved births resulting from eggs that had been frozen before being thawed and injected with sperm.

The long-awaited accomplishment will eventually have widespread repercussions not only for the treatment of infertility but on the continuing ethical debate over the uses and misuses of human eggs and sperm, experts said.

For example, women in their 20s who wish to defer childbearing until a later age — when the chances of getting pregnant decline — could have the option of freezing healthy eggs to attempt a pregnancy later in life.

"This is very significant," said Dr. Alan DeCherney, chief of Obstetrics and Gynecology at UCLA and editor of the journal *Fertility and Sterility*. "I think doctors and the public are very sensitive to the implications of this. The problem now is whether this method is reproducible."

Both groups of researchers — in Atlanta and in Italy — reporting this week believe their methods can indeed eventually be put into widespread use. Each group injected a single sperm directly into each frozen thawed egg — a process called intracytoplasmic sperm injection (ICSI) — instead of relying on in vitro fertilization, in which the egg and sperm are placed in a dish and fertilization is allowed to occur randomly.

A reliable method to freeze

human eggs and then fertilize them has proved elusive, despite years of laboratory work and sporadic reports of success. The first pregnancy and birth achieved using a cryopreserved egg was announced as long ago as 1986, and other, sometimes unverifiable, reports of births from frozen eggs have occasionally surfaced.

U.S. doctors' attempts at replicating the feat have proved futile. But the two reports this week represent renewed hope that a reliable method to freeze and fertilize eggs is now at hand.

"People have claimed that they had success in getting fertilization from oocytes (eggs), but there were few reputable reports of live births," said Dr. Mark Sauer, director of the reproductive endocrinology division at Columbia-Presbyterian Medical Center. "Everyone has been waiting for a method that is reproducible. If only one person can get it to work here and there, what good is it? But I think with these (two) case reports now maybe there is a good chance it will be replicated."

When frozen eggs are thawed, the outer layer of the egg is often damaged and cannot fuse with the sperm in normal in-vitro fertilization. Using ICSI, the sperm is injected into the center of the egg, "bypassing all the problems of the egg membrane being compromised," said Michael Tucker, the scientific director at Reproductive Biology Associates in Atlanta.

Tucker's team announced Thursday that they had achieved the birth in August of fraternal twins from frozen, donor eggs. The donor eggs had been encapsulated in a

freezer for 25 months prior to being thawed and fertilized.

The other success — a 1996 birth — is reported by Italian researchers in this month's issue of *Fertility and Sterility*, the journal of the American Society for Reproductive Medicine. The Italian team, led by Dr. Eleonora Porcu at the University of Bologna in Bologna, Italy, reported that they had withdrawn and frozen 12 eggs from a 28-year-old woman. The woman was unable to become pregnant because of problems with her fallopian tubes.

After four months, the eggs were thawed. Four of the 12 eggs survived the thawing process. ICSI was performed in each of the four eggs. This was done only after standard in-vitro fertilization failed.

Using ICSI, two of the four were successfully fertilized, but only one of those embryos began to grow normally in the lab. This fertilized embryo was transferred to the mother, and a healthy baby girl was born after 38 weeks of pregnancy.

In contrast, Tucker's team in Atlanta had frozen 23 eggs, 16 of which survived the thawing process. Using ICSI, all 16 were injected with sperm from the husband of the couple seeking treatment and 11 became fertilized. Four of the embryos were placed into the 39-year-old wife. She had sought infertility treatment with donor eggs because her ovaries no longer produced eggs, a condition called premature ovarian failure.

The ability to store eggs might benefit scores of women who are in danger of losing their fertility before they are ready to become pregnant.

Poll Demonstrates Americans Are Optimistic About Market

By Richard Morin

THE WASHINGTON POST

WASHINGTON

Who's afraid of another Black Monday stock market collapse? Certainly not Charles Severance, a 50-year-old utilities engineer living in Green Bay, Wis. "I don't see the market crashing," he said. "It's a good time to buy stocks."

Jennifer Ostermeier agrees. "I don't anticipate any so-called Black Monday any time soon," said the 29-year-old Chicago public affairs specialist.

"I don't feel any impending sense of doom," said Daniel Hero, 31, an industrial radiographer who lives in Portland, Ore.

Neither do most Americans, according to a new Washington Post-ABC News national survey. Fewer than one in five predict a market crash in the next few years similar to the one that erased about 20 percent of the value of stocks on Monday, Oct. 19, 1987. Fewer than half could even remember what happened on Black Monday.

The poll results are significant because they suggest that Americans are not "irrationally exuberant," but are realistic in their expectations for the market and seem to understand that stocks offer risk as well as potential profit.

In the public's mind, the bloom is clearly off the decade-long market boom that rose out of the ashes of Black Monday. The number of Americans who say stocks are a "risky" investment has increased substantially in recent months, according to the poll. Half of those interviewed believe the stock market "is out of step with the economy." And four in 10 investors say that stocks are overpriced.

A total of 1,515 randomly selected adults were interviewed for this survey, which was conducted Oct. 9-13. The margin of sampling error for the overall results is plus or minus 3 percentage points.

The poll results and follow-up interviews with selected survey participants suggest that Americans remain cautiously optimistic about the direction of the market over the next two years. They think the best of the bull market has passed. But they also believe there's enough value left in the market to reward patient and smart investors.

Half of those interviewed said they expected the stock market to go up in the next year, while four in 10 believe the market will go down.

But neither the bulls nor the bears expect major movement. Among those who thought the market would go up, nearly all said they expected the increase to be small. Similarly, two out of three market pessimists predicted only a modest decline.

"The market should go up," said Constance Martin, 56, a stock owner and customer service representative for a trucking company. "Not that high, but it should go up, because of the economy."

"I think the fundamentals are there," agreed utilities engineer Severance. "I think the earnings are there. I think our productivity gains are creating the reason for the run-up in the stock market."

Others aren't so sure. "I believe there might be a correction" in the market, said Mark Merdinyan, 48, a disabled professor of commercial fisheries who lives in North Kingston, R.I. and does not now own stocks. "That would definitely

be common-sensical. It's very high."

Ryan Sutter, 24, a computer programmer and stock investor living in Bloomington, Minn., said he's waiting for a decline so he can buy more stocks. "I'd put money in because I know it would eventually go back up," he said. "I think actually if it went down, that would probably be a good thing. I'm thinking long-term, thinking more for my retirement than the immediate financial gains right now."

Most stock owners aren't so bold — or so patient. Seven in 10 stock owners interviewed said they'd leave their investments "where they are" if the market went down. However, those who said they'd put in more money outnumbered those who would take money out by a 2 to 1 margin. The notion of "buying on the dips" has been ingrained in investors by the market's frequent swift rebounds from temporary drops since the 1987 crash.

While most investors think the market will go up at least a little, even many optimists are wary. Fewer than half of those interviewed believed that now is a particularly good time to buy stocks. And the percentage of Americans wary of stocks as an investment has increased significantly in the past few months.

Nearly seven in 10 respondents — 69 percent — characterized stocks as a risky investment, up from 54 percent in August. Four in 10 said they thought the prices of stocks generally were too high, relative to the real worth of the companies. That view was more likely to be expressed by stock owners than by people who didn't own stock.

Siberians Using Smart Card, Russia Remains Cash Society

By Kathy Lally
THE BALTIMORE SUN

MOSCOW

Russia is still mostly a cash society. Contraptions such as cash registers have been accepted, but grudgingly. Even cash registers are regarded as suspicious contraptions, though they have grudgingly become more accepted. The prudent clerk often verifies totals with a clicking calculation on the abacus.

There are no checking accounts. People pay their taxes by going to the bank, pulling wads of rubles out of their pockets and plunking them down on the counter. They buy cars by filling up a couple of suitcases with multimillions of rubles and handing them over — though private sellers insist on dollars, the crisper the better.

Credit cards belong to the future. They are beginning to appear, but only the richest of the New Russians

have them.

So it's astonishing to find that remote Siberia has long been a technological leap ahead of the rest of the world. While smart cards were being introduced as the latest thing in New York last week, Siberians have been using them since 1994.

The smart card was born of necessity here. The cashless society had already arrived in Siberia — employers simply didn't have enough rubles to pay their workers, making a plastic card to which funds could be assigned highly attractive.

Debit cards were not feasible. They require sending information over phones lines, and the lines in much of Russia are so poor they couldn't reliably transmit such data.

The lack of currency led to the creation in 1994 of a smart-card business called Zolotaya Korona in Novosibirsk, known as the capital of

Siberia. Zolotaya Korona issues a plastic card bearing a micro chip programmed with the user's bank account information. The cardholder presents it at a cash register when making a purchase, punching in his personal identification number. At the end of the business day, the merchant can make a single call to the bank and the transfers are completed.

"Some people refused to use it at first," said Alexei Maslov, public relations director for Zolotaya Korona. "But, you know, when something is profitable, people change pretty quickly."

Maslov estimates that 5,000 retailers across Siberia now use the cards. There are 350,000 cardholders, he says, growing at a rate of 15,000 a month.

The card has been relatively easy to adopt because many Russian cities are one-company operations.

Men Reflect Back on Changes A Year After Million Man March

By Jon Jeter
THE WASHINGTON POST

CHICAGO

Eric Prince was one of a few hundred people who gathered outside a church on this city's South Side Thursday to commemorate the second anniversary of the Million Man March. As the unfailingly polite 28-year-old stood under the gray sky, he contemplated what the historic rally meant both to him and the nation.

His own life was changed. Encouraged by Louis Farrakhan's message of self-reliance, he quit his job as a paramedic and began his own marketing company with a friend, Deleon Howard, who gave up a career as a mortgage banker and model.

Now, inspired by Farrakhan's summons for black men to be more

responsible, Prince and Howard are organizing a local effort to send women to the Million Women March being planned in Philadelphia next week.

"The march just made us feel like we could do a lot more for our community," Prince said. "We had to come out today because it's important to show our support for those who support us."

Then he thought for a moment, reflecting on whether the rest of the country has responded like he has. "No, it hasn't changed the world. People who are looking for immediate change aren't necessarily going to find it. That hasn't really happened."

Prince and Howard represent both the wide-reaching influence and the limitations of the Million Man March and, perhaps, its nomi-

nal leader, Farrakhan. The gathering of hundreds of thousands of black men in Washington was a tremendous accomplishment, but two years later, its impact seems more soulful than seismic.

The march may have been a seminal moment in many African Americans' lives, but not necessarily the beginning of any political, economic or social movement.

Consequently, supporters say, any difference it has made in black communities across the country may be hard for outsiders to see or measure by any statistical yardstick. But they are real, just the same.

"Oh, there is definitely something in the air," said civil rights activist Dick Gregory, who was one of perhaps 200 celebrants who gathered at Fernwood United Methodist Church.

Sentencing of Rep. Kim Is Postponed Until January

LOS ANGELES TIMES

LOS ANGELES

A federal judge has postponed until Jan. 14 the sentencing of U.S. Rep. Jay C. Kim, R-Calif., and his wife, June, who pleaded guilty in August to misdemeanor charges of knowingly accepting and concealing more than \$230,000 in illegal campaign contributions from corporate and foreign donors.

The Kims were to have been sentenced Oct. 23, but Judge Richard A. Paez granted a delay at the request of the federal probation office, which is preparing a pre-sentencing report on the couple for the court.

Under terms of a plea agreement with the Kims, the U.S. Attorney's office agreed to seek no more than six months jail time for them.

Ex-Ruler Regains Congo Republic

THE WASHINGTON POST

KINSHASA, CONGO

One day after his militia forces and their Angolan allies captured the Congo Republic's two principal cities, the country's former military ruler declared Thursday that he had regained power.

The Congo Republic's capital, Brazzaville, and its main Atlantic port, Pointe-Noire, were reported quite in control of Denis Sassou-Nguesso's militia, which has had crucial support from Angolan troops. President Pascal Lissouba, in hiding, declared that he remains the country's elected president, but he appeared to have little hope of reversing his defeat in a four-month civil war.

Foreign powers accepted Sassou-Nguesso's seizure of power, the third military overthrow of an African government since May. Diplomats and some other analysts warned that Sassou-Nguesso's victory, unhindered by outside powers, may tempt others on the continent to seize power.

The Congo Republic's former colonial ruler, France, said it accepted Sassou-Nguesso's takeover as an accomplished fact. In a BBC interview, French Foreign Ministry spokesman Yves Doutriaux suggested that the takeover was not a simple overthrow of an elected civilian government. "I would say that there was a cycle of violence," he said. "We would have preferred a political resolution."

France's secretary of state for cooperation, Charles Josselin, told Europe 1 radio: "We can say today that the man we talk to, so as to put in place a new democratic process, is clearly Sassou-Nguesso."

Washington offered no prominent criticism of Sassou-Nguesso's takeover, reserving its displeasure for Angola's cross-border intervention. State Department spokesman James P. Rubin repeated Thursday that Washington had protested to Angola, which reportedly provided Sassou-Nguesso with troops, armor and air power this week.

In addition to holding the major urban centers, Sassou-Nguesso's militia, called the Cobras, appears to have pushed back the forces of Lissouba and Prime Minister Bernard Kolelas to their home areas in the country between Brazzaville and Pointe-Noire. "For us, the war is over because we have control of almost all the country," Sassou-Nguesso told Radio France International in Brazzaville, which lies across the Congo River from Kinshasa, capital of Congo, formerly Zaire.

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Information Session: October 23, 7:00 pm, Room 4-231
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OPINION

Paving the Way for Radical Change

At the faculty meeting on Wednesday, Stephan L. Chorover, professor of brain and cognitive sciences, presented a motion that all incoming freshmen be housed on campus, beginning with the Class of 2002. We endorse this proposal. While housing all freshmen on campus will represent a colossal change in the housing system, it will integrate freshmen into the larger MIT community and provide students with more time to make informed choices about where they want to live.

Editorial

In the current housing system, students form allegiances to their living group first, and often only their living group. By housing all freshmen on campus, students will form close ties with a wider, more diverse group of people. Perhaps more importantly, they will gain the sense that their allegiance is to MIT and to the education that they receive here, rather than to the particular living group they happen to choose during the first few days on campus. Students and faculty have long criticized the absence of a united student body and have targeted the division between dormitories and fraternities as evidence of this lack of unity. Housing all freshmen on campus will go a long way toward bridging that gap, and creating a united campus community.

One of the problems with the current system is that it does not give incoming students enough time to make wise or informed decisions about where they will live. Housing freshmen on campus will solve many of the problems with MIT's rush system, which forces freshmen to choose their living group before learning anything else about life at MIT. With only four days to choose, many students make poor choices. Given more time to learn about each house's character, students could make a far better judgement about where they ultimately want to reside.

Beyond bridging the divisions among students, housing freshmen on campus opens the door to increased student-faculty interaction. Simply bringing students geographically closer to where the faculty work will not suffice to bring this about, however. Faculty ways must change as well. There must be increased opportunities for mentoring and more informal interaction between students and faculty. If the faculty is interested in forming connections with students outside of the classroom, housing freshmen on campus will further this goal.

Admittedly, the plan to house freshmen on campus will have severe short-term consequences. In order to house all freshmen on campus as early as next year, MIT will have to admit a significantly fewer students or drastically increase dormitory crowding. The fraternity system will face major changes as well, so major that it is impossible to predict what the system will look like several years down the road. We believe that the positive aspects of fraternity life, like the strong communities and leadership opportunities it provides, will remain intact. Fraternities will find new and better ways of attracting students to their houses and promoting their living system.

Housing all freshmen on campus next fall will improve the sense of community at MIT and give students an opportunity to make better-informed choices about where to live. Such a change will result in a major transformation of the entire MIT community. Changing the system will have varying effects on individual living groups, but the long-term effects on the community, as well as on the fraternity system, will be positive. Housing freshmen on campus will be a change for the better, and we hope the faculty, administration, and student body will show the necessary leadership to bring about this change.

Letters To The Editor

Zeta Psi Regrets Alcohol Incident

I am speaking to you as a representative of Zeta Psi. The actions that four of our undergraduate members made on Oct. 10, attempting to buy alcohol though they were underage, are deeply regretted by our house and the individual participants. The actions were an exercise in poor judgment and immature timing on the students part. And while our president had forbidden the action, the incident showed a lack of proper control coming from the leadership of our house.

Unfortunately, just as the actions of a few of our members have come to represent those of our chapter, our fraternity has unfairly cast bad light on a fraternity system already under scrutiny. For this, we are the most apologetic. We will accept any punishment handed down by the Interfraternity Council and the administration, but no amount of work on our part can make up the ground our community lost in the public's eye.

The reasons we live in fraternities — leadership, philanthropy, brotherhood, scholarship, and service — will be ignored for splashy headlines on underage drinking. Zeta Psi has never been about drinking. We live together in the spirit and values of our founders and our heritage.

We are embarrassed that we have furthered the opposite mentality on our campus and around the nation. We ask for your understanding, your support, and your acceptance of our sincerest apology.

Bob Broderick '99
Zeta Psi Officer

MIT Knew of Earlier Hazing Problems

When I was a freshman, I pledged Pi Lambda Phi, and after realizing the mistake I made, I depledged. Because of my experi-

ences, I have been keeping a close eye on events that have taken place since the tragic death of Scott S. Krueger '01.

One piece of literature really caught my eye and changed my view of the current debate over MIT's housing system. This was the document that Scott R. Velazquez G and Robert Plotkin '93 published relating their experiences at PLP (http://web.mit.edu/what/www2/common_sense.html). It tells stories of rampant hazing and alcohol abuse as well as cover-ups by the Office of Residence and Campus Activities.

What really took me by surprise was that despite the four-year separation and MIT's assurances that the problems like the ones detailed in the document were fixed, Velazquez and Plotkin's story describes my experience almost to the letter. I experienced every event that they described and thought the same things that they thought. I even invented the same ridiculous reasons for staying and said the same things when I left.

I urge everyone to take the time to read what Velazquez and Plotkin wrote. What they describe is not unique; what happened to them happened to me and probably many others. While you may not agree with their conclusions, I can vouch for their facts. If MIT actually had listened to them back in 1993 and done something about these problems instead of just covering them up, perhaps recent events would have transpired differently.

Michael S. Allen G

Grad Students Also Are Affected by Ban

[The Tech received a copy of the following open letter to graduate students.]

By now, you should be aware of the campus-wide reassessment of MIT's alcohol policy. Though the review was motivated by the recent tragic incident involving an undergraduate, undergraduates are not the only ones affected. President Charles M. Vest has even

suspended alcohol at faculty and corporation events which he hosts. The possibility of a campus-wide ban on alcohol would affect all of us.

It is therefore essential that we all help out. We, the older and ostensibly wiser students on campus, should offer our insight. You all were undergraduates at one time I ask you to let me know what policies have — or have not — been effective at other campuses across the nation in dealing with alcohol problems. As the Graduate Student Council president, I represent you to the administration at meetings with deans and faculty members. Help me and the GSC recommend successful policies to the administration.

Many people have commented that policy will not be enough. MIT can ban alcohol, and Cambridge can crack down on underage drinkers, but there will probably always be some students who drink irresponsibly. I ask you to help me determine the practices at your schools that helped you recognize your responsibilities to ensure the safety of friends and housemates. Were there specific things that helped you realize the dangers of binge drinking? Were there procedures in place to prevent excessive drinking or take care of students who have had too much?

In the spirit of the voluntary one-month moratorium on alcohol, the GSC has changed this Friday's social to an ice cream social. In addition, the two campus pubs, the Muddy Charles and the Thirsty Ear, are collaborating to produce a brochure discussing responsible drinking and the dangers of alcohol.

Further, the GSC is forming an ad hoc committee on its own alcohol policy. The committee will address issues like Friday socials, the Formal Ball, and the Muddy Charles, as well as Funding Board allocations for parties with alcohol. If you are interested in serving on this committee or have comments to submit to the committee, please contact me at gsc-president@mit.edu.

Geoffrey J. Coram G
President, Graduate Student Council

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Legalized Murder

The Death Penalty Serves Revenge and Does Nothing to Solve Crime

Michael J. Ring

Jeffrey Curley was the victim of perhaps the most heinous crime committed in recent memory within the confines of this city.

The young boy was kidnapped from his neighborhood, literally blocks from MIT. After refusing to take part in sexual intercourse with his kidnappers, he was suffocated. His lifeless corpse was then immersed in a concrete-filled container and thrown into a Maine river.

The community has rightly been left shocked and dumfounded by this appalling tragedy. Unfortunately, in their anger and rage, some observers wish to commit a crime more heinous than even the murder of an innocent child. Sadly, in the wake of young Curley's murder, there have been loud, forceful calls for the Commonwealth of Massachusetts to participate in the state-approved murder otherwise known as capital punishment.

These cries for revenge are certainly not unique to the streets of Cambridge. Only 12 states do not have a death penalty. In recent years, states like New York and Kansas have reinstated capital punishment, while others like Texas and Virginia have accelerated their rates of execution. Capital punishment is truly becoming an American epidemic.

The murderers of Jeffrey Curley are monsters and deserve to be imprisoned for the rest of their lives. They should be forced to sit in tiny cells and think about what they have done to a young boy and his family. But they do not deserve to be victims of a lynching at the hands of a bloodthirsty society.

Capital punishment is the most blatant example of a double standard anywhere in American politics. It is never justified to willfully take the life of another person. But to truly believe in capital punishment, one must see some murders as good and justified. A death penalty advocate will tell us that Jeffrey Curley's murder was an atrocity, but the very same action committed against an inmate is justice or retribution. If this is the logic to which our nation has come, America is in a sorry state indeed.

Our desire to see criminals put to death can be summed up in one word: revenge. We are a society that still believes literally in Hammurabi's Code. We want to see an eye for an eye, a tooth for a tooth. Many Americans applaud the notion of castration for rapists. The vast majority of us want to see murderers die. We want a quick solution that will inflict pain and suffering on others. The fruits we reap from sowing bloodthirst and revenge, however, are vicious circles of crime

and hate.

The United States is alone among the industrialized western world in its murder of criminals. The United States also suffers from one of the highest crime and murder rates anywhere on the planet. Other nations have adopted real reform and solutions to the problem of violent crime. The United States clings to its antiquated notions of societal vigilantism.

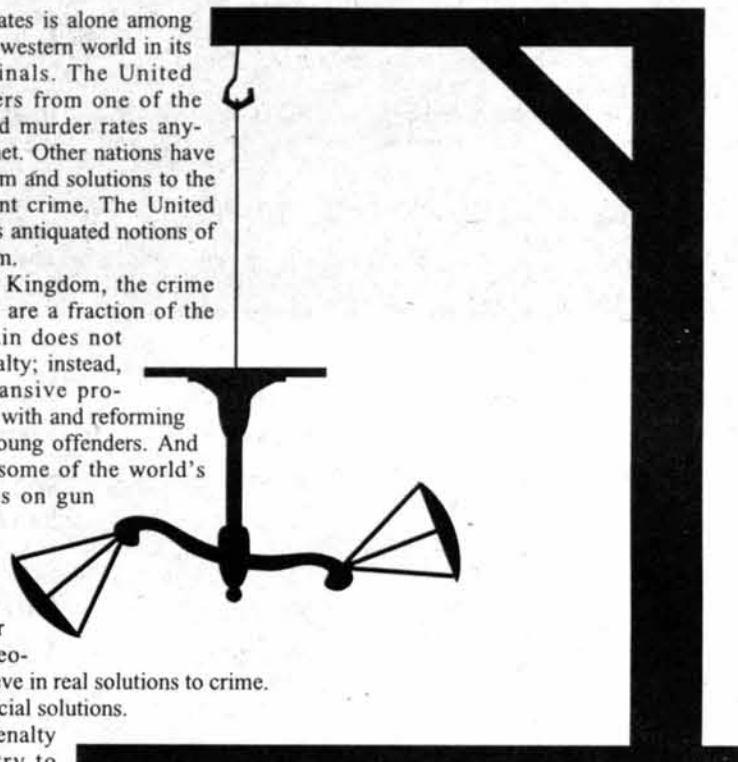
In the United Kingdom, the crime and murder rates are a fraction of the rates here. Britain does not have a death penalty; instead, it has more expansive programs for dealing with and reforming the behavior of young offenders. And Britain also has some of the world's most severe laws on gun ownership. It's not a mystery why the UK's crime statistics are so much better than ours: The people of Britain believe in real solutions to crime. We choose superficial solutions.

Some death penalty advocates will try to hypnotize people with the argument that capital punishment is a deterrent. The would-be murderer will think twice, they tell us, upon seeing the image of an electric chair or lethal injection.

This argument is totally wrong. If the death penalty is a deterrent and stops murders from occurring that would otherwise happen, then why are these crimes almost unheard of in the European Union, where capital punishment is illegal? In the United States, the states with the lowest murder rates are also the states without death penalty laws. States like Texas with high per capita execution rates also have high murder rates.

Not surprisingly, the states without the death penalty are the ones willing to strike at the root of crime, while the states with the death penalty just focus on cleaning up the end product. Strict handgun sales stop murders. Programs to reform first-time offenders stop murders. Capital punishment has probably never stopped one murder in the history of the world. The death penalty is applied after the fact, after a crime has occurred. Aren't we better served stopping crime at the source than trying to gloss over the stain every time a murder occurs?

Our nation's founding document lists life as an inalienable right. The death penalty is a violation of a this fundamental human right.



No matter what a person says or does, he or she is still a living, breathing human and entitled to basic liberties. And what is more basic than the right to live?

The United States faults nations like China and Iran for human rights abuses. We find it appalling the abuse that children suffer under such regimes. This is a classic case of the pot calling the kettle black: The United States, the supposed bastion of liberty, joins these dictatorial regimes in allowing the sentencing of minors to death.

Most importantly, we must realize that our justice system is imperfect. People are sometimes sentenced to prison only to be released later when new evidence surfaces and exonerates them. But the death penalty is a punishment that cannot be undone. The execution of an innocent person would be the ultimate tragedy. Our legal system was founded on the premise that it is better to let the guilty go free than to punish the innocent. This noble principle, which has served us well for 200 years, cries out against capital punishment.

So let us grieve for little Jeffrey Curley and let our sympathy and sorrow be with his family. But let us resist the temptation to turn one heinous act into an entire ceaseless cycle of violence and hate. We claim we're a civilized society. It's time for us to prove it.

Talking Content-Free With Parents

Guest Column

Thomas H. Tate

Over the Labor Day weekend, I had the very enjoyable task of helping my freshman daughter move into a dorm room. My emotions were a combination of pride, apprehension, and anticipation. The experience brought back pleasant memories of the day 30 years ago in September 1967 when I entered MIT as a freshman. I had not been on campus since moving to California after graduation, and it was interesting to see the changes. Although the area near Kendall Square was completely unrecognizable, the main part of the Institute looked remarkably similar to the way it looked in 1967.

Of course, the real difference is in the student body. Women are now a significant part of the class, and, more importantly, there seemed to be a warmth and supportiveness that didn't exist when I went to school. The people we met in my daughter's dorm were friendly and personable. The place seemed a little run-down but less sterile and more human than I remembered. I liked it.

On Saturday, my wife and I wandered into a talk on fraternity life for the parents of students who pledged. The parents were concerned about alcoholic beverages and asked questions, but the answers were platitudes and content-free. The tone of the talk was don't worry; everything is fine. I don't like meetings with a low signal to noise ratio, and since it didn't apply to us, we left.

The parents at that meeting had an expectation that their sons would be safe; that expectation has been betrayed. The tragic death of Scott S. Krueger '01 shows that not only were their concerns justified but MIT has not been paying attention to problems. From the information I've been able to gather, Krueger was a non-drinker but was required to drink at least something as part of a fraternity activity.

The 16 drinks in his body were equivalent to a full bottle (a fifth) of whiskey — that's a lot, especially for a non-drinker. If Krueger did this voluntarily, it's hard to believe that someone didn't say "Hey, you have to be careful with that stuff. Cool it." So much for my impression that MIT is more supportive.

I was disturbed by some of the statements made after Krueger's death. Interfraternity Council President Iddo Gilon '98 said, "This is the first accident of its nature. In outcome, it is an isolated incident." This is like saying that if a 20,000-ton asteroid hit New York City, it wouldn't be important because it is an isolated incident. Death by alcohol overdose is extremely important because it is very rare and completely preventable.

Ashesh P. Shah '98, the president of the Dormitory Council said, "Hopefully we can resolve this [issue] and come up with new policies." I don't think we need new policies. We just need to make the old ones work. Go read the MIT alcohol policy before deciding that more paper is going to do anything useful. Persons over 18 years old are capable of making prudent decisions about alcoholic beverages provided they are not coerced.

Another person said that Krueger's death "could have happened at several fraternities; it could have happened in a dorm." Well, it didn't happen in a dorm; it happened in a fraternity just like the death of a pledge in Louisiana who was required to drink alcohol. If this really could happen at several other fraternities, immediate action must be taken to save the lives of young men.

As a parent, I try to protect my children. I understand the dangers that students face and try to mitigate the risks, and although I don't like it, I can deal with the aftermath of things gone wrong. However, as much as I try, I just can't understand what happened to Krueger. His death is completely outside the range of risks that I would have considered, and all I come up with is a tremendous feeling of confusion and loss.

There is something very wrong with the event at Phi Gamma Delta and the system that allowed this tragedy to happen. More paper isn't going to solve this problem. Only a system that nurtures that supportive spirit and punishes destructive behavior will have a real chance of success.

Thomas H. Tate '71 lives in San Jose, California.

Until Bias Ends, We Need Affirmative Action

Guest Column

Erion J. Clark

My purpose in this column is to help you decide for yourself whether or not affirmative action is still necessary. Even before I had finished reading the column by Stacey E. Blau '98 ["Taking In the Scenery," Sept. 23], I started to think about how to respond to the assertion that "diversity goals" — which are a result of affirmative action — "are thoroughly insulting."

I am only one man, an African-American, so please do not use my words to incorrectly summarize the argument for my particular group of people. That is an assumption that people often make. When they encounter too few others who are not similar to them in background, they take one person's words and apply them to the entire group to which the person belongs.

Another assumption people make is that so-called "average" people don't deserve the benefit of the doubt. In Blau's example, an average person who landed a job couldn't be readily accepted if that person was a female or a non-white male. The automatic assumption is that race or gender imply a lack of talent or potential. I think that through welcoming more and more non-white males, society will put an end to such assumptions because there will be — and there are now — more examples of people of both genders and all races doing good work.

Blau uses Campus Preview Weekend, which is geared toward women and minorities, as an example of an insulting measure to realize diversity goals. I would like to know how many of the other students who attended the event felt the same way as Blau after they heard from members of an older generation

who were treated in an unwelcome manner by society or perhaps by MIT itself.

My mother can recall the times when as a child she had to use a water fountain labeled "colored" or when as a teenager she was called "darkie" and other derogatory names by the local residents near her Connecticut boarding school. My father can recall having to sit in the balcony seats in movie theaters when there were better seats available below. Keeping these memories in mind, I treat any effort to welcome people from groups who

MIT wishes to be counted on the side that feels that it can help prevent society from repeating the past and can help make the future better.

were discriminated against in the not-too-distant past as acts of kindness, not of condescension.

MIT benefits from having significant numbers of non-white people on campus. Some organizations wish to ignore their responsibility for past transgressions, such as allowing themselves to flourish in a segregated or racist society. MIT wishes to be counted on the side that feels that, through affirmative action, it can help prevent society from repeating the past and can help make the future better.

As a member of the MIT community, I hope that everyone feels welcome on every part of campus. I feel welcome here because it is my campus, just as it is your campus and

our campus. As human beings, we should all feel welcome everywhere on Earth. I don't feel that I should change my thinking if some people want to exclude me from their part of the world. It is good for the Institute to extend a warm welcome to students of certain backgrounds because it is quite possible that these same students have been on the receiving end of some ill treatment by society, even today.

Martin Luther King Jr. dreamed that one day people would "not be judged by the color of their skin but by the content of their character." One idea should be added along with this quote: King believed that an intermediate step between segregation and a color-blind society was to celebrate the differences and similarities we have. In doing so, he believed, mainstream society could atone for the injustices of the past. One day, affirmative action will not be necessary, because we will have a society that truly and completely believes in King's beliefs and adapts them to everyday life.

As one of the fruits of the civil rights movement, affirmative action has not been in place for a very long time. Thirty years is a short period, particularly in the context of the over four centuries it took to eliminate most of America's racism. I hope that affirmative action doesn't take nearly that long to accomplish its goals.

It is my feeling, however, that when people are routinely questioned about their abilities because of their race or gender, when they are told that their particular voice doesn't need to be heard, or when injustice occurs anywhere, that we have not arrived at that time. Who says that we can't keep trying? Unless we stop fighting for change, that time will eventually come.

Erion J. Clark is a member of the Class of 1998.

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FILM REVIEW

Playing God

Big screen, big failure — Is David Duchovny the next David Caruso?

PLAYING GOD

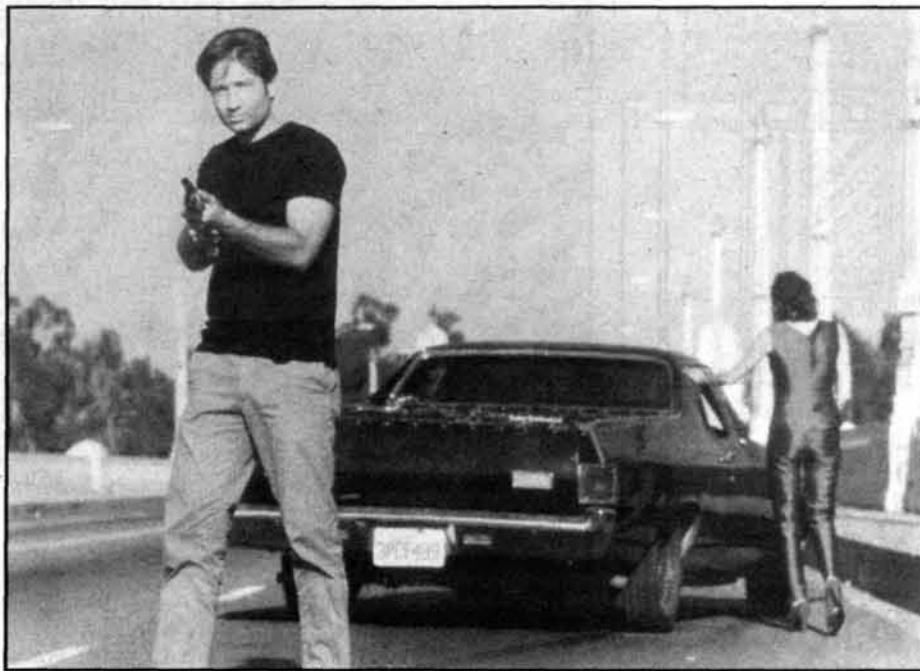
Buena Vista Pictures
Directed by Andy Wilson.
Written by Mark Haskell Smith.
Starring David Duchovny, Timothy Hutton,
Angelina Jolie.

By Teresa Huang
STAFF REPORTER

Heed this warning: Whatever you do, do not go see *Playing God*. Don't listen to what your friends have to say about it. Avoid *Playing God* at all costs.

Simply put, *Playing God* is a terrible film that is embarrassing and humiliating for all those involved, especially David Duchovny. His first feature film after his rise to television and Internet fame as Special Agent Fox Mulder of *The X-Files*, *Playing God* was supposed to launch the actor's big screen career. Instead, *Playing God* is such a failure that it is sure to turn into what *Point Break* was for Keanu Reeves: a showcase of his worst acting surrounded by an even worse plot and characters.

Duchovny plays Eugene Sands, a L.A. junkie who used to be a L.A. surgeon until his medical license was revoked for performing surgery while under the influence of amphetamines. He crosses paths with Raymond Blossom, played by Timothy Hutton (*Ordinary People*, *Beautiful Girls*), a ruthless criminal who hires Eugene to treat associates he needs to keep alive, either for information or for personal reasons. Eugene gets caught up in Raymond's dangerous dealings and finds himself trapped between his drug use, his



David Duchovny as Dr. Eugene Sands in *Playing God*.

desire to practice medicine again, and Raymond, who refuses to leave the good doctor alone. The plot thickens as a pseudo-relationship develops between Eugene and Raymond's girlfriend Claire, played by Angelina Jolie (*Hackers*).

The premise isn't even that interesting. *Playing God* is a terrible movie simply because there's nothing good about it. The lame voiceovers by Duchovny are almost

redundant and the portrayal of Eugene as a MacGuyver-esque doctor was simply absurd. Saving a guy's life with an Evian bottle and a wire hanger? Come on. The movie's romanticized comparison between doctors and God is idealistic and foolish at best. The movie is also packed with senseless violence, mindless profanity, and way too much blood.

The characters are all horribly underdeveloped as well, seemingly to give Duchovny

more screen time. Timothy Hutton is okay, but deplorably underused while Angelina Jolie gives the only semi-engaging performance, although the most interesting thing about her are her huge lips. You don't learn enough about the characters to really care what happens to them.

Sadly enough, the worst character in *Playing God* is played by Duchovny himself. This isn't Duchovny's first foray into the world of film. He starred in several feature films including a lead role in *Kalifornia* in 1993 with a pre-stardom Brad Pitt, though his fans may tell you his most memorable role was in the soft porn cable series *Red Shoe Diaries*. But whatever experience he gained from his past television and film work, it doesn't show in *Playing God*. His monotone voice and squinty eyes just don't work on a ten-foot screen, and although the movie was set up to feature him in the central role, the acting abilities that won him two Golden Globes and an Emmy nomination for *The X-Files* aren't stellar enough to carry a feature film.

Playing God was really destined to fail from the beginning. First time director Andy Wilson's past movie work consisted mostly of assistant camera work on various obscure films, the most recognizable one being Disney's *Man of the House* starring Chevy Chase and Jonathan Taylor Thomas. The only other writing credit screenwriter Mark Haskell Smith has to his name is a Playboy video. The excruciatingly poor writing and directing in the face of the nationwide hype proves that the film is attempting to ride on Duchovny's fame alone.

Darling as Duchovny may be on *The X-Files*, he is indeed a morose loser in *Playing God*, and is not enough to save this disaster of a film. So instead of seeing *Playing God* this weekend, go to the video store and rent the new *X-Files* videos which were released last week. Forget Eugene Sands ever existed. Long live Fox Mulder.

FILM REVIEW

The House of Yes

Proof that money doesn't bring happiness — or sanity

THE HOUSE OF YES

Directed by Mark Waters.
Starring Parker Posey, Josh Hamilton, Tori Spelling, Freddie Prinze Jr., Genevieve Bujold, and Rachael Leigh Cook.
Written by Wendy MacLeod (play) and Mark Waters.

By Vladimir V. Zelevinsky
STAFF REPORTER

Chekhov once said, "If there is a gun on the wall in act one, in act three it should fire." The technique is employed in *The House of Yes*, but age has made the rule so commonplace that

when we see the gun on the wall, we're so sure of what will happen that we're left hoping they'll just fire the gun and be done with it. And be prepared to feel this way more than once because the *The House of Yes* is a high-concept black comedy, where the characters are not really characters and everything serves to propel the plot towards the conclusion which is simultaneously obvious and absurd.

This is a pity, because there is some interesting stuff in *The House of Yes*. The House of Yes is a big and opulent mansion in an unspecified Washington, D.C. suburb. On the day of John F. Kennedy's assassination, Mr. Pascal, the head of the household, suddenly disappeared, leaving behind his weird family.

Twenty years later, the family had become *much* weirder. Younger brother Anthony dropped out of a "very prestigious school" for an unknown-to-him reason and spends days doing he-knows-not-what. Older brother Marty desperately attempts to escape from the smothering influence of the family and goes to study in New York. His sister is recently back from the mental hospital and answers to the name Jackie-O. Mrs. Pascal takes care of her daughter, which mostly involves making sure Jackie-O doesn't get her hands on the kitchen knives.

Then Marty comes back home for Thanksgiving, bringing his fiancée Lesly, and all the hell breaks loose.

The movie is adapted from the stage play, and it shows. All the action is confined to the titular house and feels staged, and the dialogue feels scripted. It's left for the actors to make real characters from the sketchy material they are given, and most of them fail. Neither Marty nor Anthony is interesting to watch, and Mrs. Pascal has too little screen time. The less said about Tori Spelling, who plays Lesly, the better. This leaves Jackie-O. Played by Parker Posey (winner of the special recognition award this year at Sundance Film Festival), she is a marvel. Jackie-O is simultaneously beautiful, cool, smart, hard as nails, very fragile, quite glamorous, sexy, totally crazy, and very much sane. She can switch moods in an instant and turn her performance on a dime (which, by the way, can also be said about the marvelous music score).

Every second she is on screen, the movie is a joy to watch. But when she is not, the spark is lost, and there is nothing much left — the subtext about the insulated world of the rich and powerful is not interesting enough by itself, and for an hour and a half long movie, this one feels like a long sit.

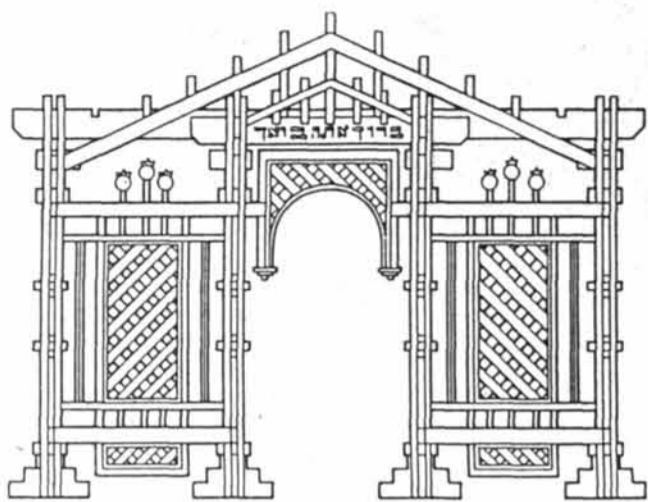
The audience is supposed to identify with Lesly: she's an outsider to the family, initially attracted to the privileged world where the word "no" is unheard of, but later repulsed by what lurks beneath the surface. But Spelling's Lesly comes across as an unstable neurotic, perhaps the least normal person on screen, making identification with her impossible. It's Jackie-O who grabs our attention, and maybe that's why she is the one with whom it is easy to identify. So, in the end it is Lesly who escapes the confines of the House of Yes, but in another sense it's Jackie-O who escapes the confines of *The House Of Yes*.



Tori Spelling, Josh Hamilton, and Parker Posey in *The House of Yes*.

Want to review the latest movies, for free? Call David at 253-1541 or stop by Room 483 of the Student Center.

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I KNOW WHAT YOU DID LAST SUMMER —four friends try to cover up for an accidental hit and run, but someone won't let them get away with it. Adapted for the screen by Kevin Williamson, author of *Scream*. Starring (above, from left to right) Freddie Prinze, Jr., Jennifer Love Hewitt, Sarah Michelle Gellar, and Ryan Phillippe.

a r THE TECH t s



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- *Tuesday, October 28 at 6:00 p.m.*
- *The Marriott Hotel, Kendall Square*
- *Reception to follow*

“BCG Cases and Case Interviews”

- *Wednesday, October 29 at 6:00 p.m.*
- *Room 6-120*

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MIT Alumni Win Nobel Prizes In Physics, Economic Sciences

By Brett Altschul
NEWS EDITOR

This week, two MIT alumni were awarded Nobel Prizes for their work. William D. Phillips PhD '76 received the Nobel Prize in physics, and Robert C. Merton PhD '70 won the Nobel Memorial Prize in Economic Sciences.

Merton, who is a professor at Harvard University, shared his prize with Myron S. Scholes of Stanford University. In collaboration with Fischer Black, who died in 1995, they developed the Black-Scholes formula for the value of derivatives.

Merton improved on the original derivation of the formula, finding an alternate derivation. The new derivation was easy to apply to other kinds of investments, and Merton generalized the formula to cover a wide variety of options.

"Thousands of traders and investors now use this formula every day to value stock options in markets throughout the world," said the prize citation.

"I'm very pleased to win this," Merton said. "I'm glad my formula has gotten such widespread use," he said.

Formula based on new principle

In the past, attempts to calculate the value of derivatives involved a calculation of the risk involved in the investment.

"The Black-Scholes formula avoids the problem of calculating risks by assuming that they are included in the price of the derivative. By continuously adjusting their portfolios, investors can determine the best set of investments based only on current prices.

Without the need to estimate future risks, investors can evaluate their position intelligently, without any guesswork, Merton said. The formula and its consequences have helped millions of people and companies with their investment plans.

"Black, Merton, and Scholes' method has become indispensable in the analysis of many economic problems," the citation said. "Derivative securities constitute a special case of so-called contingent claims and the valuation method can often be used for this wider class of contracts."

"The value of the stock, preferred shares, loans, and other debt instruments in a firm depends on the overall value of the firm in essentially the same way as the value of a stock

Nobel, Page 23



GABOR CSANYI—THE TECH

Three and a half inch diskettes were ubiquitous in the avant-garde designs on display at the Media Laboratory Wearable Computing Fashion Show on Wednesday afternoon.

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ATTENTION Returning Students!

By now you've probably heard about the new Coop Visa. **We didn't forget you.** Your Coop charge card can still be used until **Nov. 1. On Nov. 2, 1997 your Coop charge will no longer be accepted at Coop locations.**

If you have a Coop charge account watch your mail for complete information.

Remember **only charge privileges will be eliminated** with the introduction of the Coop Visa card. Your Coop number and **all other member benefits remain the same.**

The value of Coop membership is clear with our recent announcement that "The Patronage Rebate is Back" and now you can enjoy the added value of the Coop Visa, with its many benefits. So before you accept just any charge card, look closely at The Coop Visa.



Only by joining or renewing your Coop membership can you enjoy these many advantages. Applications and information are available at all Coop Locations.

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Long-Term Capital Management, L.P. is based in Greenwich, CT, and specializes in the development and application of sophisticated financial technology to securities and derivatives markets on a global basis. Our proprietary trading strategies are based on thorough, state-of-the-art research and analysis.

We seek bright, motivated candidates to expand operations in Greenwich, London, and especially Tokyo. Strong computer programming and problem solving skills are a must. Prior knowledge of finance or financial instruments is not required; however, an interest in continued learning is essential. Positions are available in every aspect of the firm's business.

All students who meet these qualifications are invited to attend an information session on Wednesday, 22 October 1997, at 6:30pm in room 4-159. Casual attire is encouraged.

Additional information on Long-Term Capital Management, L.P. is on file with Career Services. LTCM will be interviewing on-campus Thursday, 23 October 1997.

If you have any questions, please contact Justin Klosek at (203) 861-8810, or email jklosek@ltdcm.com.

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MBA'S IN FINANCE AND I.T.

UNILEVER PRESENTATION

The Date: October 20, 1997
 The Time: 6pm - 7:30pm
 The Place: MIT Faculty Club
 50 Memorial Drive, 6th Floor

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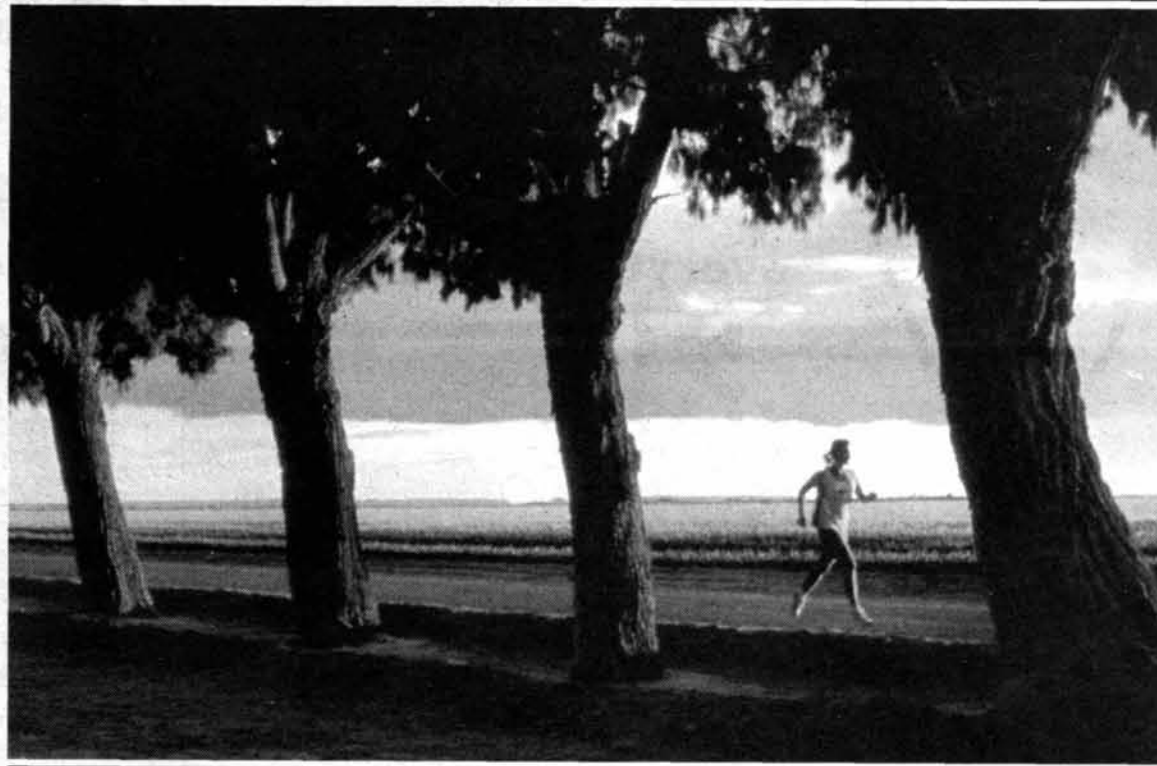
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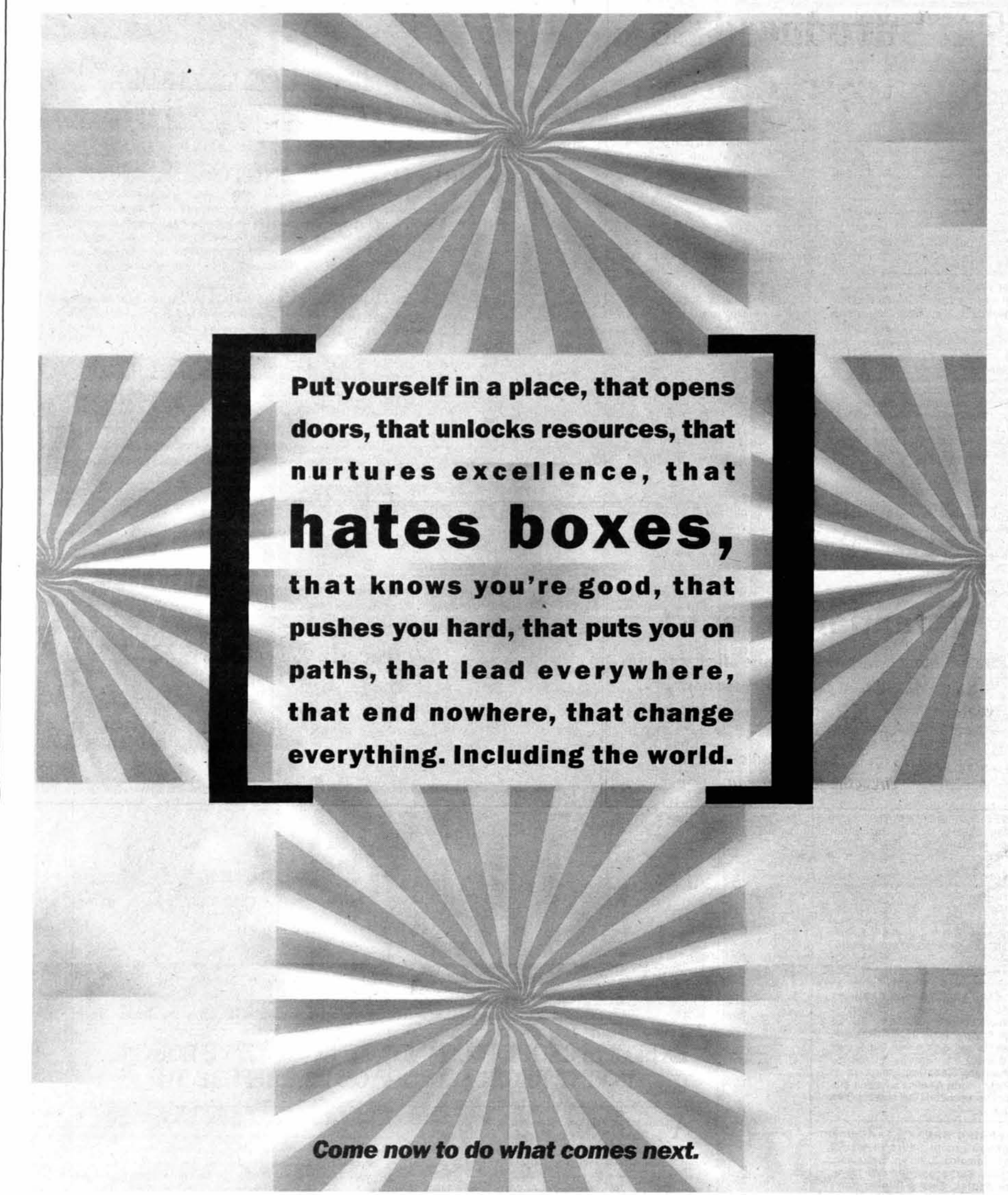
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1. Standard & Poor's Insurance Rating Analysis, 1997; Lipper Analytical Services, Inc., Lipper-Directors' Analytical Data, 1996 (Quarterly). For more complete information, including charges and expenses, call 1 800 842-2733, extension 5509, for CREF and TIAA Real Estate Account prospectuses. Read them carefully before you invest or send money. TIAA-CREF Individual & Institutional Services, Inc. distributes CREF certificates and the variable component of TIAA contracts.



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Visa Introduced As Coop Restructures

Coop, from Page 1

the fiscal year 1990, the rebate had plunged to 5.5 percent because of poor sales volumes at its stores.

Restructuring of Coop continues

The Coop plans to continue its restructuring into this year, Powell said. It is currently undertaking major renovations at the Harvard Medical Center Store and at Harvard Square. The medical center renovations are designed to give the store more of a student and alumni focus. The Harvard Square renovations, which have been already going on for over two years, are designed to improve the infrastructure of the historic store.

Additionally, the Coop charge card will be discontinued in early November. As part of a new agreement with FirstUSA bank, the old Coop card will be phased out and replaced with a new FirstUSA Visa card.

"Once the Coop started accepting other charge cards, people started migrating away" from using a single-store charge card like the Coop charge, Powell said. Today,

only around 50,000 customers receive monthly Coop charge statements, compared with far more a decade ago.

Current Coop card members will have the option to apply for a new FirstUSA card instead of their current card. "The Coop membership operation doesn't really change; giving their Coop number in the future is important and remains the same," Powell said.

Coop members currently receive special discounts on MIT-themed merchandise and on Levi's jeans, but Powell said he does not see the possibility of further reduction in prices in the near future. "We feel that we're very competitive in terms of pricing. We have no plans to reduce our prices below that of the competition," he said.

The Coop hopes to continue its profitability next year, Powell said. "We hope that this year is the beginning of a positive trend that will let us continue the rebate but you don't know that until you finish your fiscal year and determine your profits."

Douglas E. Heimbarger contributed to the reporting of this story.

Attention Parents!

Keep in touch with the Institute all year round with a subscription to *The Tech* for only \$45 a year. For more information, stop by Room 483 of the Student Center or call us at (617) 258-TECH. You can also send e-mail to circ@the-tech.mit.edu.

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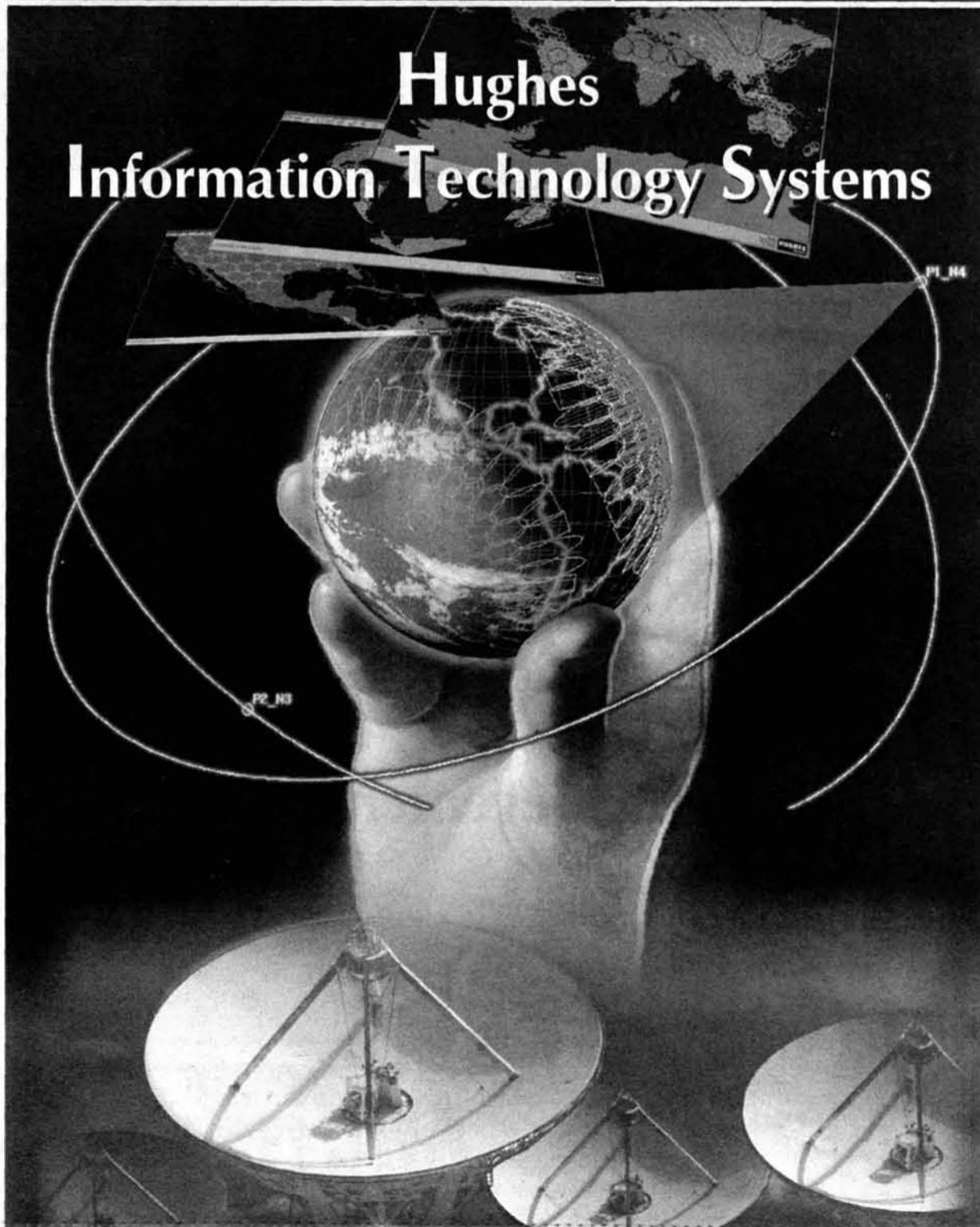
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6:30 pm



Info Session

6:30 p.m.
Tuesday
October 21

Room 4-231

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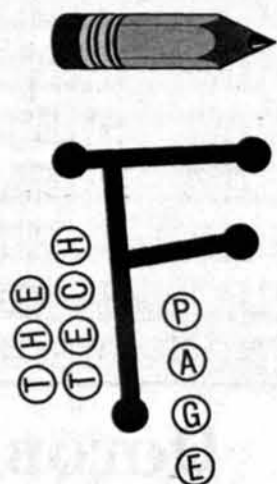
1997

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Newspaper Association**

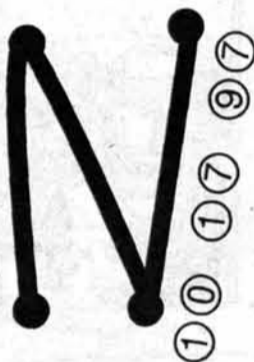
The Tech placed first among non-daily newspapers submitted to the 1997 NENA conference.

We would like to thank our readers, staff, and contributors for making this achievement possible.

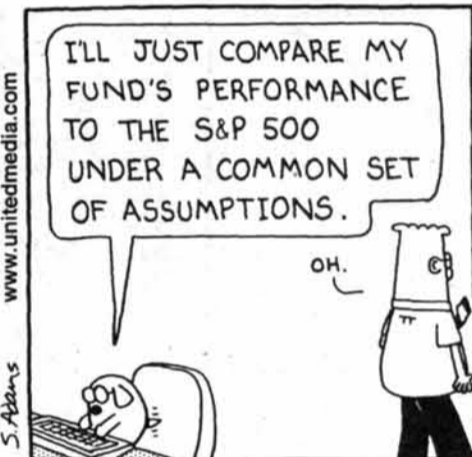
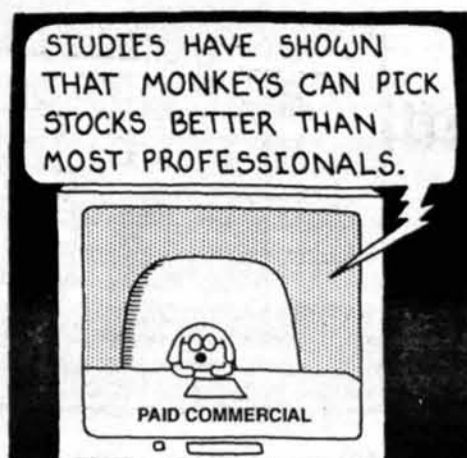




15



Turn the page for more comics!



FINDING THE RIGHT FIT

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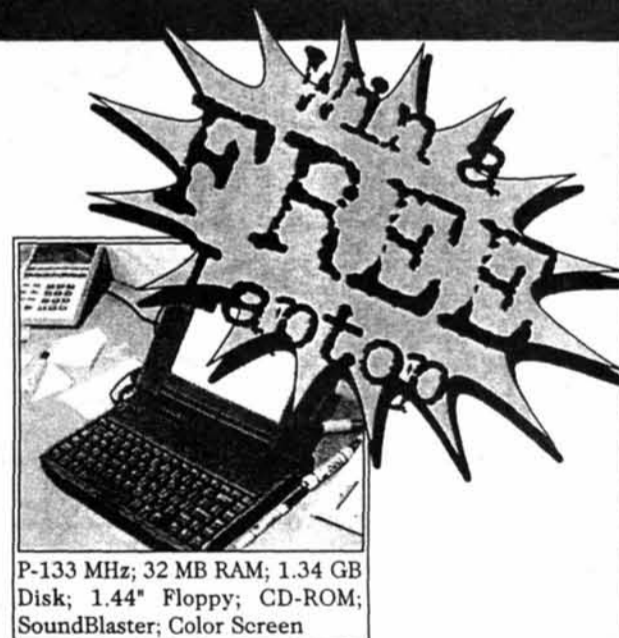


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CAREER FAIR

Saturday, October 18th

"FINDING THE RIGHT FIT"

Tuesday, October 21st
5:00 - 6:30pm
Building 4-163

INFORMATION SESSION

Thursday, October 30th
7:00 - 9:00pm
Building 4-159

INTERVIEW DAYS

Friday, October 31st,
Friday, November 14th

Dilbert® by Scott Adams

TURN TO PAGE 15 FOR DILBERT®

LAYOUT BY SAUL BLUMENTHAL

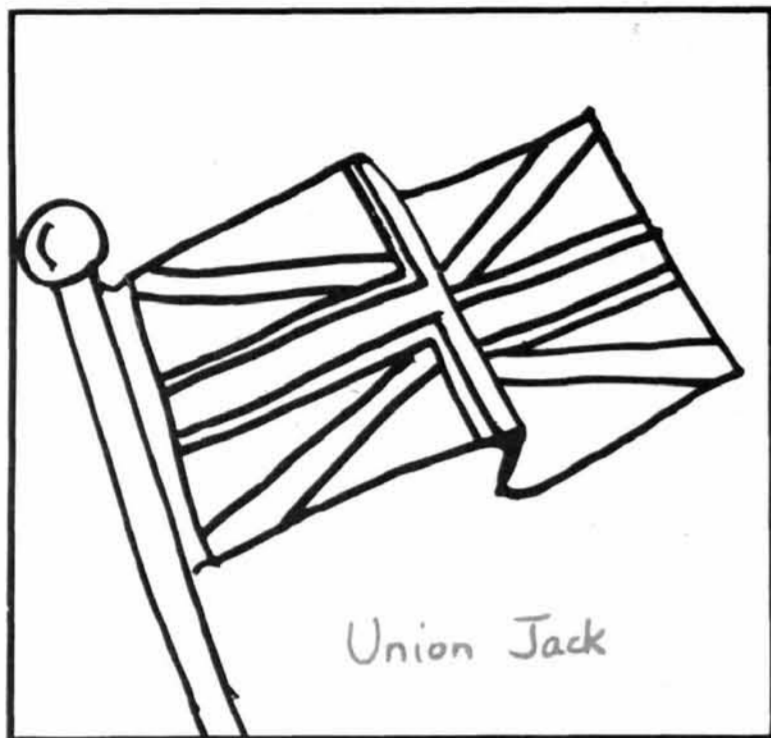
COMICS

THE TECH

OCTOBER 17, 1997

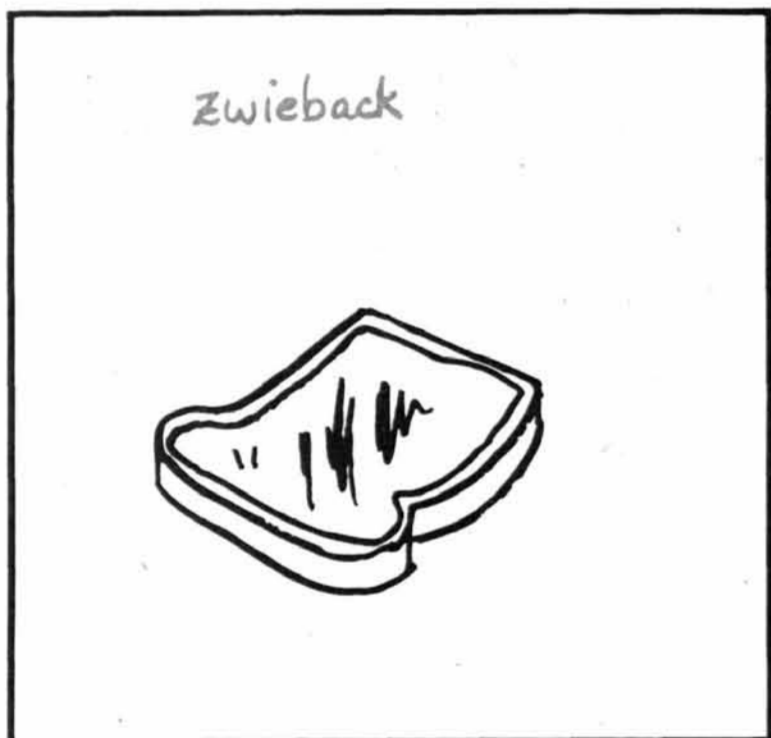
PAGES 16-17

Noun Poetry



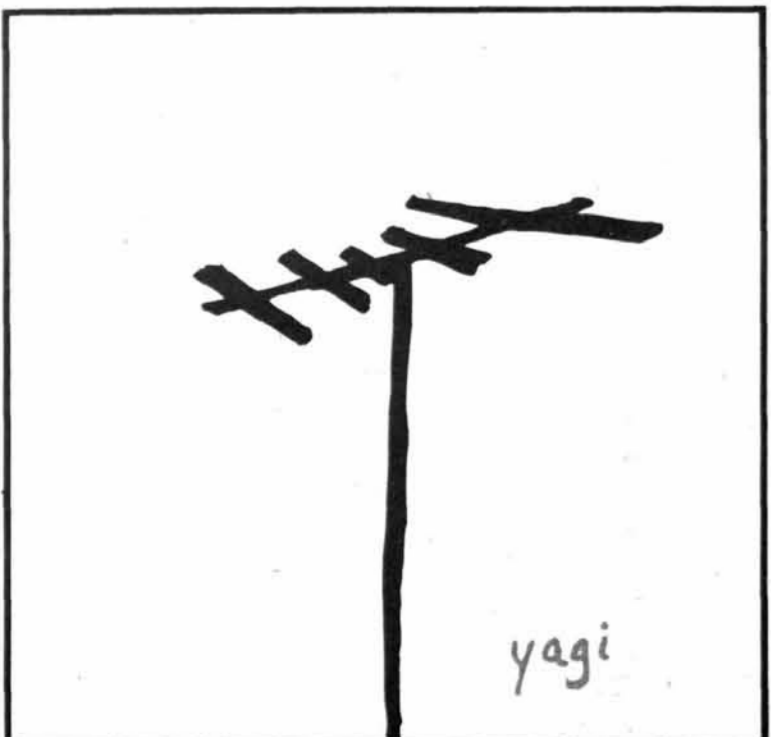
Union Jack

by Katy-Cat



Zwieback

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yagi

Dammed for Life

by JESSICA WU



RHINO MAN

THE STORY SO FAR: After reuniting with his girlfriend, Rhino-Man wants nothing more than a fun evening of dancing. But things go sour when a creep calling himself DJ Death commandeers the DJ booth, and the patrons attack!

Story: Zachary Emig
Art: Jikan Ganai



Next Issue: Saved by the ball (disco, that is!)

by Hugo



Off Course

October 17, 1997



CONTRIVIA

Folklore Today

Congratulations to Pedro Fuentes and Jennie Hango who both knew that the element cobalt takes its name from kobolds, the evil spirits of Germanic folklore who dwelt in mines and tormented miners.



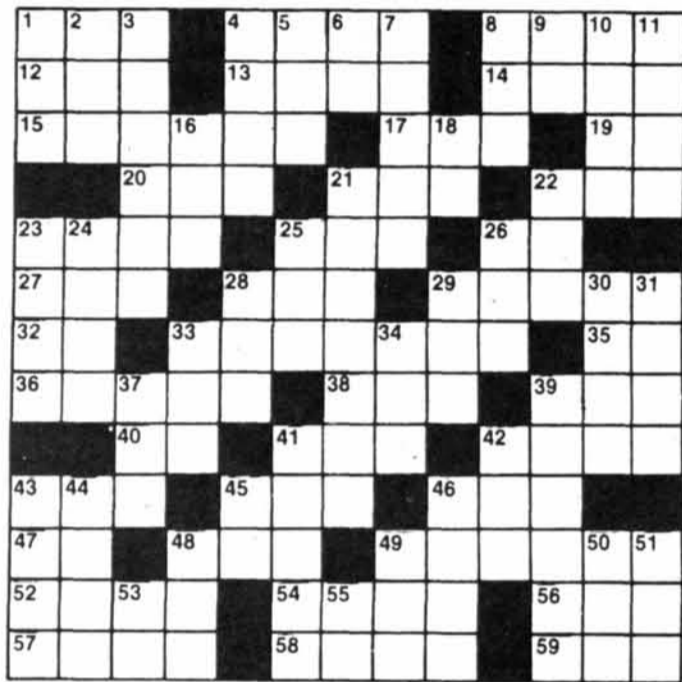
Miners who were searching for iron to be used in weapons and tools would encounter certain metals which they considered useless. The miners believed that some supernatural "trick" had been played on them by spirits who switched the bad ore for the iron. Nickel also gained its name through a similar method, except in this case it was the Devil, or "Old Nick," who had made the switch. As we now know,

both of these "useless" metals were later found to have practical applications.

Pedro and Jennie each win a pair of tickets and a large popcorn, both provided by LSC. Showing this weekend:

- Fri 7 & 10 p.m. *Liar, Liar* in 26-100
- Fri 7:30 p.m. *Notorious* in 10-250
- Sat 7 & 10 p.m. *My Best Friend's Wedding* in 26-100
- Sun 4 & 7 p.m. *Liar, Liar / My Best Friend's Wedding* in 26-100

This feature was brought to you by the CAC Program Board. Today's factoids provided by the MIT Quiz Bowl team.



Across

1. Room for experiments
4. Left slightly open
8. Makes handmade lace
12. Barely make out
13. Prepared food shop (informal)
14. Up against
15. Mechanical device
17. Large covered truck
19. Negative word
20. — Angeles
21. Color
22. Stitch
23. Narrow strip of wood
25. Wager
26. Preposition
27. Scottish cap
28. Wooden nail
29. Flower
32. Time zone
33. Not artificial
35. Eastern state (abbr.)
36. Pertaining to punishment
38. Large fallen tree trunk
39. Japanese coin

40. Russian river
41. Floor pad
42. Skeleton material
43. Empty property
45. Mongrel
46. None
47. Press group (abbr.)
48. Armed battle
49. Degrade
52. Spouse
54. Again
56. Lettuce
57. Braid
58. Pre-Easter
59. Direction (abbr.)

18. Newspaper notice (slang)
21. Usual
22. Sun
23. Gait
24. Delayed
25. Wager
26. Sesame plant
28. Friend
29. Straggle
30. Prayer ending
31. Walking stick
33. Snatch
34. Decompose
37. Negative
39. Consolation
41. Wall painting

42. Baby's napkin
43. End table light
49. Gem
45. Western state (abbr.)
46. Salamander
48. Damp
49. Lion's lair
50. Male child
51. Direction (abbr.)
53. Tantalum symbol
55. Midwest state (abbr.)

Down

1. Limb
2. Alias (abbr.)
3. Chaos
4. Fruit drinks
5. Propelled airplace
6. Southern state (abbr.)
7. Metal pin
8. Summer browning
9. Human blood type
10. Song
11. Hide away
16. Obtained

PUZZLE SOLUTIONS



Presenting the 1997 SWE Career Fair

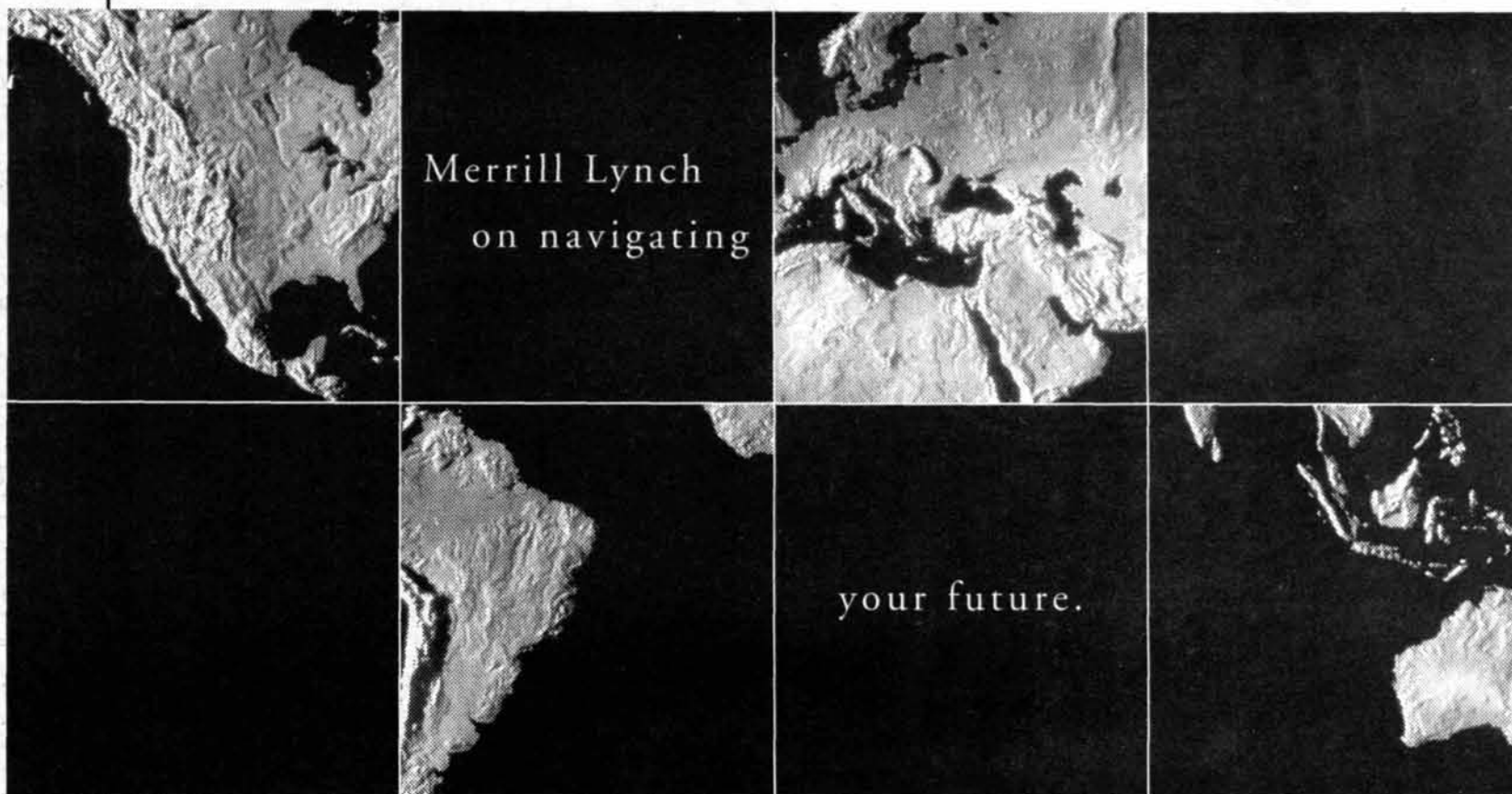
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Brown bag lunch

Casual attire

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Faculty Criticize Current R/O System

Faculty, from Page 1

Approximately six faculty and staff and four students will serve on the committee, Vest said.

Freshman housing discussed

Vest began the discussion on possible changes to campus housing by noting that enrollment targets will have to be decided in the near future. Vest said that "significant additional changes [to Residence and Orientation Week]" are being considered. He also confirmed that the construction of a new dormitory will be selected immediately, and a client team will be appointed soon, Vest said.

Stephan L. Chorover, professor of brain and cognitive sciences, brought to the floor a motion reading, "It is the sense of the faculty that commencing the academic year 1998 all freshmen should live on campus." The motion was seconded and will be voted on at a later meeting.

"Increasingly, the impressions students gain [of MIT] are set long before they encounter the [faculty] and before they see the inside of a classroom," Chorover said.

Dean for Undergraduate Curriculum, Kip V. Hodges PhD '82 spoke about the responsibility of faculty to orient freshmen to MIT.

"This is not a purely bricks and mortar problem," Hodges said. He asked faculty to become personally involved and create a "better educational environment for undergraduates."

Hodges said that R/O should change to be "a lot more O and less emphasis on R."

Paul E. Gray '54, professor of electrical engineering and computer

science, followed up on Hodges' statements. It would be "enormously constructive for the Institute if faculty would take responsibility for the orienting of our youngest colleagues," Gray said.

Gray called the current R/O system a "lousy way to introduce 1,000 young people to the complexity of MIT."

ILG system debated

Professor of Urban Studies and Planning Lawrence S. Bacow '72 said the current R/O system is an "accident of history" and that "if our system did not exist today, we would not invent it." Bacow proposed several changes to the "mad-house that constitutes R/O week."

Bacow also noted the value of the independent living groups. "The ILG system is a very valuable part of our culture," he said.

Assistant Professor of Civil and Environmental Engineering Bettina Voelker '89, a signatory of a document created by several ILGs including Epsilon Theta, Fenway House, No. 6 Club, pika, Student House, Tau Epsilon Phi, and the Women's Independent Living Group, said that "ILGs have emerged that are very different" from traditional fraternities. These ILGs are a "unique part of MIT's culture," she said.

The motion that all freshmen live in dormitories would "especially endanger the existence of these independent living groups," Voelker said.

Iddo Gilon '98, president of the IFC, urged the faculty to "get to know the residence systems" and to "visit where [the students] live" before they make a possibly "detrimental decision."

MIT dates & deadlines

Upcoming student deadlines and other important Institute dates

This service is brought to you by the Office of the Dean of Students and Undergraduate Education. If you know of important dates we have missed, please send them to deadlines@mit.edu, and we will add them to the deadlines Web site: <http://web.mit.edu/odsue/deadlines/>

Date	Who	What	Where
Monday, October 20, through Friday, October 24			
Noon, Tues 10/21	Undergraduates	2nd qtr phys ed lottery ends	Athena: "add pelott", <ret>, "xphedu &", <ret>
Wed 10/22	Students who missed PE lottery or who want to add another PE class	Phys ed late registration	W32-125, 3-4291
Thur 10/23	Undergraduates	2nd qtr phys ed classes begin	W32-125; 3-4291
Monday, October 27, through Friday, November 14			
Tues 10/28	All students	Deadline to report final exam schedule conflicts	SSC*, 8-8600; or E19-335; 3-4785
Fri 10/31	Students completing advanced degrees in 1998 acad. yr.	Deadline for Presidential Management Intern Program application	12-170; 3-4733
Sat 11/1	Seniors	Deadline for Churchill Scholarship application	Prof. L. Gibson, 8-135; 3-7107. Forms avail. in 3-138
Sat 11/1	Graduate students	Deadline for American-Scandinavian Fellowship application	212-879-9779; http://www.amscan.org/grants.htm
Mon 11/3	First-semester sophomores	Deadline to submit Phase I paper to Writing Requirement office	20B-140; 3-3039
Wed 11/5	Undergraduates	Deadline for UROP proposals seeking faculty funding	20B-140; 3-7306
Thur 11/6	Undergraduates	Deadline for UROP proposals for academic credit	20B-140; 3-7306
Mon-Tues 11/10-11	All students	Veterans' Day holiday	
Mon 11/10	All students graduating in 1998	Deadline to submit résumé for 1998 MIT Résumé Book	12-170; 3-4733

Any student who is planning to graduate or otherwise leave the Institute in February 1998 and who has borrowed from an Institute-administered loan must have an exit interview with the Bursar's Office, E19-215, 3-4007.

*The Student Services Center, Room 11-120. The Center is open Monday through Thursday, 9 a.m. to 5:30 p.m., and Friday, 10 a.m. to 5:30 p.m.

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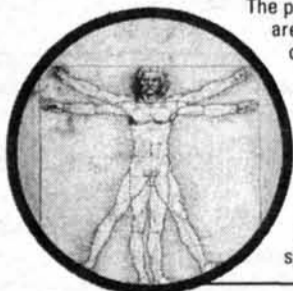
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Saturday, November 22

On-Campus Interviewing Event

9 am - 5 pm
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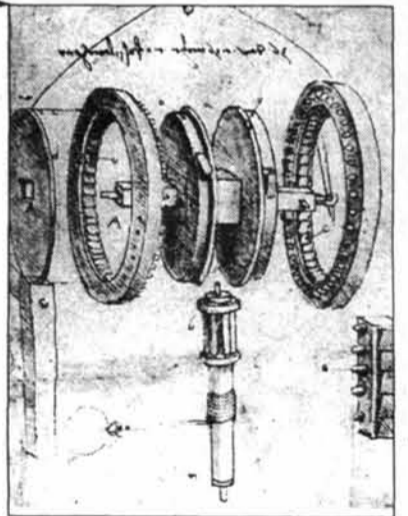
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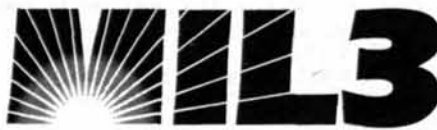
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ON-CAMPUS INTERVIEWS

October 30, 1997
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Laser Cooling Honored

Nobel, from Page 10

option depends on the price of the underlying stock," the citation said.

Laser cooling wins in physics

Phillips shared the Nobel Prize for his work on cooling atoms with lasers. This technique has allowed scientists to study single atoms and enabled the development of the atom laser last year.

"Individual atoms can be studied there with very great accuracy and their inner structure can be determined," the prize citation said. "As more and more atoms are captured in the same volume a thin gas forms, and its properties can be studied in detail.

"The new methods of investigation that the Nobel laureates have developed have contributed greatly to increasing our knowledge of the interplay between radiation and matter," it said.

The citation mentioned the many applications of the research. "The methods may lead to the design of more precise atomic clocks for use in space navigation and accurate determination of position," it said.

"A start has also been made on the design of atomic interferometers with which very precise measurements of gravitational forces can be made, and atomic lasers, which may be used in the future to manufacture very small electronic components."

Phillips is a research scientist at the National Institute of Standards and Technology. He shared the prize with Steven Chu, of Stanford and Claude Cohen-Tannoudji, of the École Normale in Paris.

'Optical Molasses' chills atoms

Chu conducted the first experiments with laser cooling in 1985. Six laser beams cool a gas by immersing atoms in what has been dubbed "optical molasses." Atoms preferentially absorb momentum from the lasers in the direction contrary to their motion.

The Doppler effect, which changes the frequency of light with respect to moving observers, allows experimenters to cool the atoms to about 240 microkelvin.

In 1988, Phillips perfected Chu's technique by adding a strong oscillating magnetic field to trap the atoms. In Chu's initial setup, gravity caused the atoms to fall out of the optical molasses after about one second.

Cohen-Tannoudji made theoretical calculations of the minimum temperature that a magneto-optical trap could achieve. These agreed very well with Phillips' experimental data, and pointed researchers toward methods to improving the technique.



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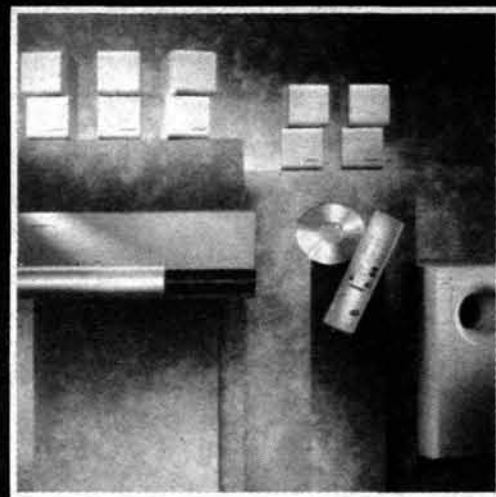
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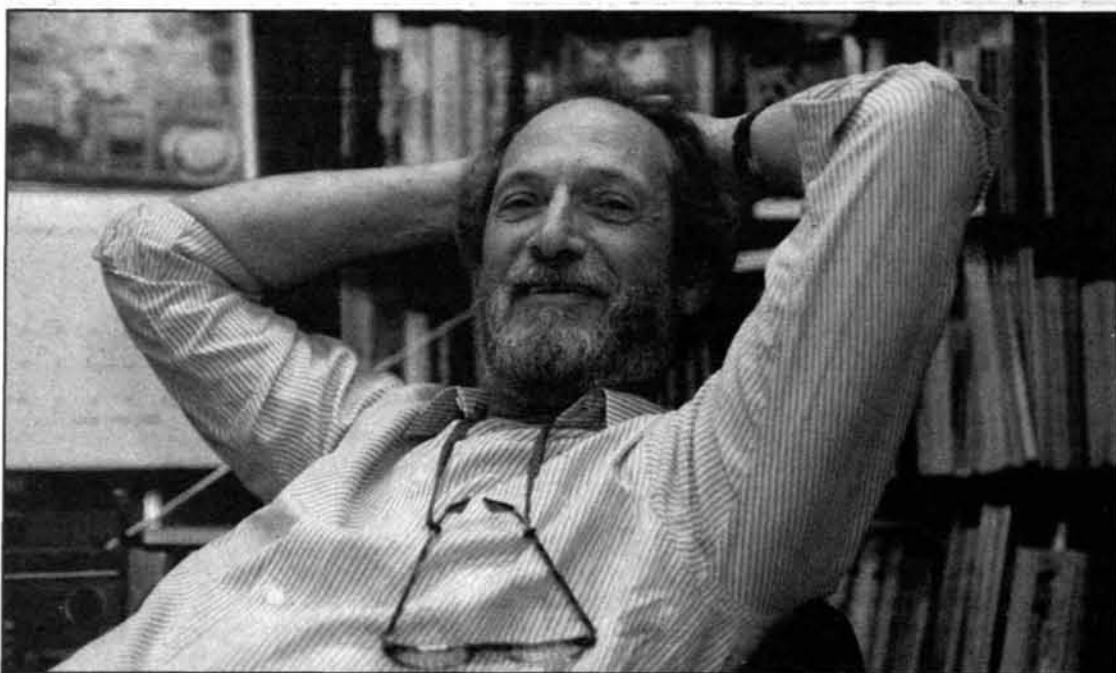
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Professor Arthur Steinberg, director of the Freshmen/Alumni Internship Program

DAVID TARIN—THE TECH

Internship Program Reserved for Frosh

Internships, from Page 1

after sophomore year when they have declared a major and have some knowledge of the company's technology. "Steinberg proposes that the internship start after freshman year. This is different but still attractive to companies," he said.

Specifics of the program

Freshmen will be able to attain internships in engineering, science, and eventually policy, Steinberg said. The internships will be concentrated in the Boston and Back Bay areas and will include companies in northern California but will expand beyond these localities in the future, he said.

Besides taking on an internship, students will write a paper based on their observations and interactions with the workplace and give an oral presentation in the early fall following their internship. There will also be opportunities during Independent Activities Period and the spring term for students to prepare for their summer experience, Steinberg said.

Freshmen will need to apply to participate in the program, and Hughes hopes the application will be ready by the beginning of IAP. "We will then try to place [the students] with the appropriate alumni and companies, and then the freshmen will be interviewed by the companies," Steinberg said.

Steinberg said that he plans to begin the program with about 20 student interns. MIT or the individ-

ual companies sponsoring the internship will help students to find housing and coordinate transportation. Interns will also be paid as employees by the companies.

Faculty will lead a seminar for the alumni during IAP or on-site to define expectations of the program, Steinberg said. Faculty will also make several site visits during the summer to see that things are working smoothly, he said.

Internships reserved for freshmen

The Freshmen/Alumni Internship Program will not be expanded in the future to include participation of upperclassmen. "This program is only open to freshmen and is especially for freshmen. There are several engineering and political science internship programs which already exist for upperclassmen," Steinberg said.

One of the reasons the program is focused on freshmen is because many freshmen claim that they do not have satisfying freshman experiences, Hughes said. "We really want them to know that applying themselves at MIT or any other university is well worth the effort. This program will hopefully give freshmen a boost for the rest of their MIT experience, and on into the future," he said.

Steinberg hopes that these internships will be more educationally significant experiences than just summer jobs.

Any interested freshmen should e-mail Hughes at devil@mit.edu or fasip-frosh@mit.edu.

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Despite Assaults, Students Feel Safe

Assault, from Page 1

Driscoll said.

The victim reported the suspect as a white male, approximately six feet tall, wearing a jean jacket, and heading down Albany Street.

Although the police cruiser came on the scene shortly after the incident, the officers were unable to apprehend the suspect.

The report of the incident on Ames Street on Friday night was reported to Campus Police the next day by the victim, Driscoll said.

The victim described the four suspects as young, two being black males, and one having a shaved head.

While these incidents both took

place over the span of one weekend, this is no indication of a "crime wave," Driscoll said.

The most recent previous incident of violence on campus occurred earlier this year, in the basement of the Student Center a few days before Commencement.

A female student entered the women's bathroom in the basement of the Student Center when she was assaulted by a man hiding in one of the stalls. She was mugged and robbed of \$300 in possessions. The mugger fled after another woman entered the bathroom.

Other past incidents include the beating of a student outside Random Hall last October and the shooting of a Northeastern University student outside Walker Memorial after a party held there, a year and a half ago.

Students still feel safe

The perception among students of the relative safety of the campus, in light of past incidents, remains largely unchanged.

"I've never felt endangered," said David F. Kurd '98.

"This is one of the safest campuses I've been on," said Edward K. Byon '00, comparing MIT to such colleges as the University of Texas and Northeastern University.

Others said that while MIT was in an urban setting, it provided a somewhat safer environment than the rest of the city.

"I definitely feel safer on campus," said Amy H. Leung '98, who lives off campus, "when I'm walking home, I do try to keep alert."

"It's a big city," said Donald D. Lucas G. "In any big city in the world, you're going to have safety as an issue."

To inform students of the availability resources for crime prevention, the Campus Police publishes the Safety, Security, and Crime Prevention Handbook for MIT yearly. The handbook is also accessible from the Campus Police homepage at <http://web.mit.edu/cp/www/>.

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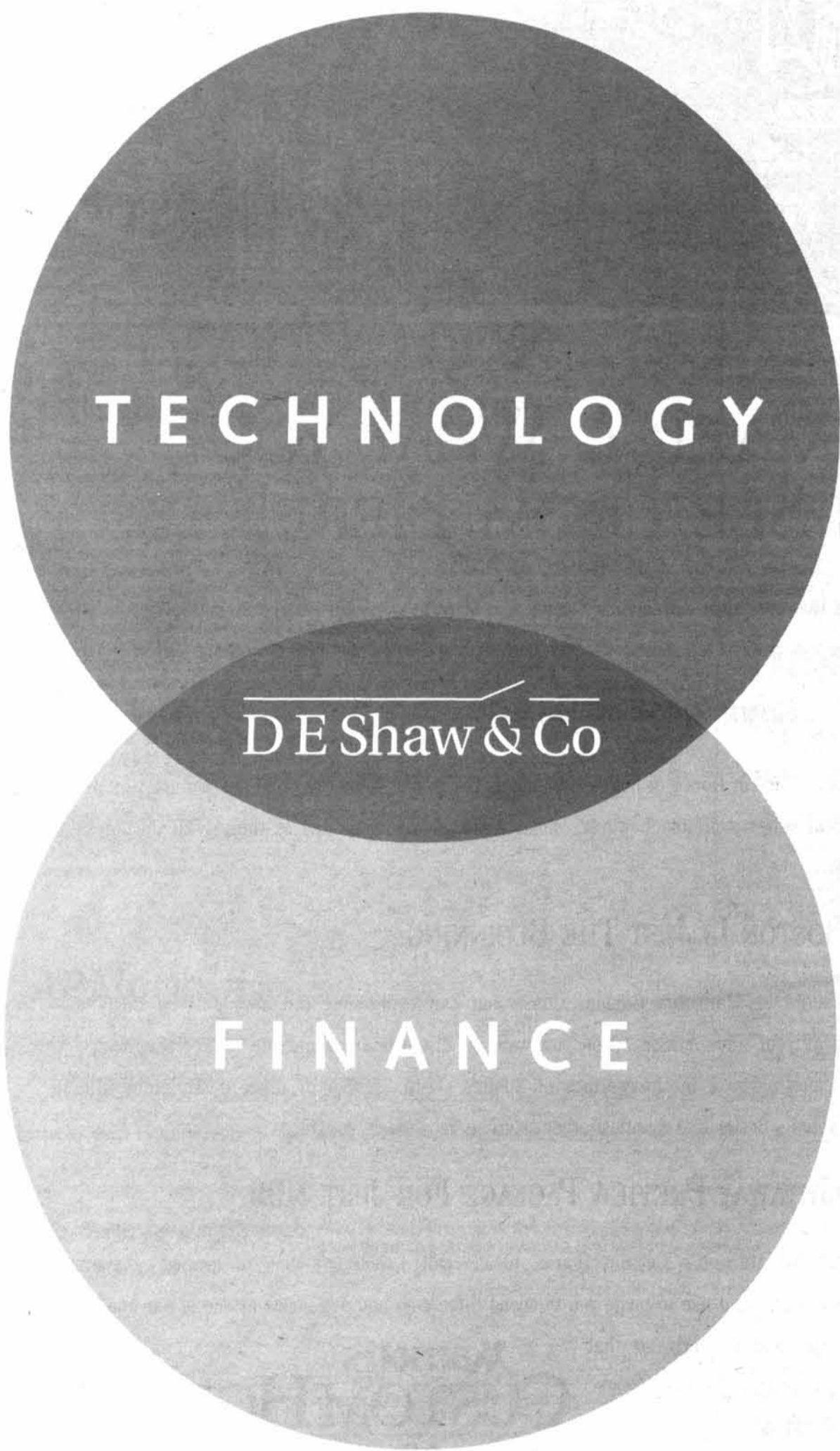


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* *Wired*, January 1997.

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Women Harriers Fail to Beat Wellesley, Place 3rd at Meet

By Janis Eisenberg
TEAM MEMBER

Every team has some rival they'd love to beat; for women's cross country, that team is Wellesley College. Unfortunately, the Engineers will have to wait until next year to accomplish their goal. MIT placed third in the Wellesley College Invitational on Saturday, with 51 points. Wellesley won the meet with a score of 36, and Tufts took second with 43.

The teams' top runners were quite evenly matched, with each placing three in the top nine places.

From MIT, Janis Eisenberg '98 came in second in 19:20. Right behind her were Debbie Won '00 in fourth with a time of 19:44 and Shuefen Tung '00 who ran 20:13 for eighth place.

The next four MIT runners finished close together. Tanya Zelevinsky '99 continued her excellent season, with a 19th place finish and a time of 21:33. She was followed by Robin Evans '99, who finished in 21:40 to place 22nd. In a pack of Wellesley and Tufts runners, Margaret Nervegna '01 and Jantrui Ting '00 finished in 26th

and 27th places with times of 21:54 and 21:58, respectively.

The race started off fast, across a grass field and down a hill. The team was prepared for the pace and attempted to get ahead before the course entered the somewhat narrow trails. The rest of the race was run mainly in the field. It was a beautiful course, especially because of the fall colors.

The team's next competition is at home today, at the All New England Championships in Franklin Park, Boston.

Sailors Host Rhodes 19 Regattas; In Shifty Winds, Team Places 2nd

By Sheri Cheng
TEAM MEMBER

MIT sailors competed and finished well at four regattas this weekend. Light and shifty winds demanded smarter sailing in all races.

MIT hosted two Rhodes 19 regattas this past weekend, one on Saturday and one on Sunday.

Saturday morning started off

slowly as a weak and variable northerly oscillated from east to west and filled in sporadically. A strong morning was tarnished by a drop from first to fourth, and the team was three points behind Boston University in overall standings at the end of the day. MIT was second out of five teams.

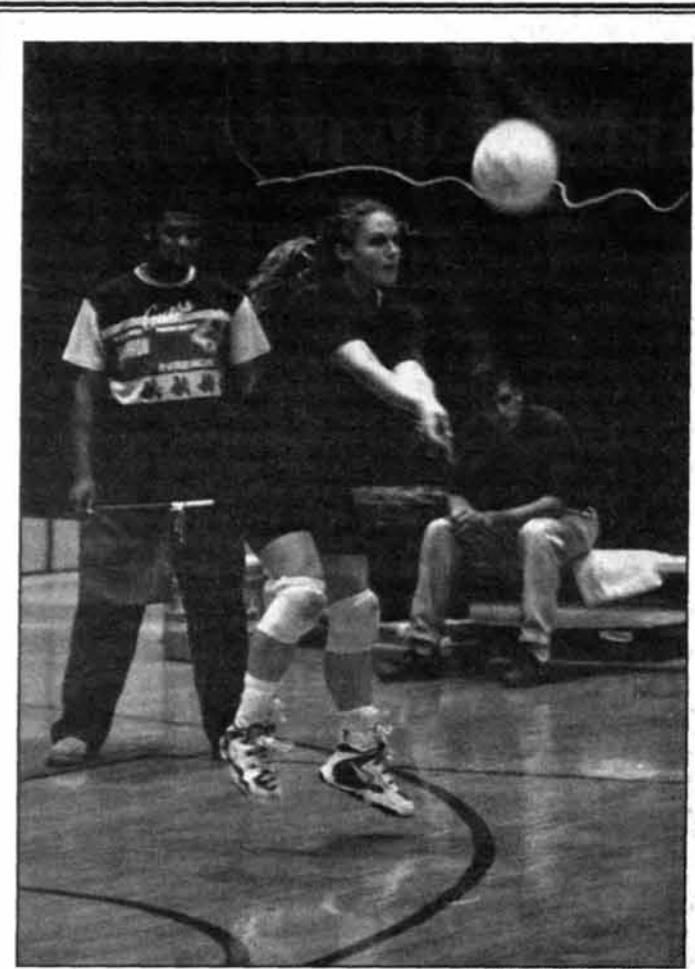
Sunday dawned with even less wind, and the first race started about 11 a.m., with light and frustrating conditions. Through good teamwork and boathandling, MIT cranked in a lead and finished in first place. After another fourth place drop, solid roll tacks and good boatspeed through the light spots enabled MIT to score two more wins. "We won by almost a leg in the final race," said Drew Mutch '98. MIT placed solidly in first on Sunday.

The women sailed on Saturday at the President's Trophy regatta, held at BU. Initially, the wind was shifty

and patchy, making it difficult for the one-man race committee to set a reasonable course. Jen Kelly '99 and Anna Michel '98 sailed A-division and Jessica Lackey '00 and Carla Pellicano '01 sailed B-division. Both divisions sailed smart, always looking for puffs upwind and downwind.

MIT placed a very close second. The women tied for first-place point-wise, but they only scored three first place finishes total. UNH scored a total of four.

Wellesley hosted an invite at MIT on Sunday. Minh Thai '00 and Ian McCreery '01 sailed A-division and Sasha Bouis '99 and Susanna Mierau '00 sailed B-division. Bouis and Mierau scored three "bullets" (first place finishes) in their three races, occasionally even finishing in front of A-division boats from other schools. MIT had a solid first place finish at the regatta out of 12 schools there.



AJAI BHARADWAJ—THE TECH

Jill Eich '99 digs out a spike during Tuesday evening's game with Mt. Holyoke College. MIT won the match 3-0.

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Filene's

Eagles over Cardinals To Start Week 8

Brocoum, from Page 32

Thursday night, Seinfeld, Friends, and ER will have to compete with the NFL. Well, not really, the San Diego Chargers at the Chiefs doesn't seem very exciting. Check the score during commercials. Take the Chiefs easily.

After starting the season with six straight tough games against teams over .500, the Eagles should look to enjoy a breather against the struggling Cardinals. Take Philly.

The Saints have 28 turnovers on the year. That works out to four turnovers a game. That ain't gonna cut it, Ditka or no Ditka. Take the Panthers, despite their quarterback controversy.

As the Cowboys slowly descend from dynasty to disaster, somebody new has to come along to fill up their shoes. Take the Jacksonville Jaguars, for example, who are going to follow Washington's lead last week.

Although the Seahawks haven't been looking all that hot lately, the Rams are looking downright disgraceful.

The Redskins have vaulted into the lead of the NFC East with a victory over Dallas. When Dallas used to be good, there was a huge rivalry. The former Houston Oilers, however, signify territories uncharted and shouldn't be much work for the 'Skins at all.

Alright, Denver is the last undefeated team in the NFL for a reason. And although they just don't lose, especially to teams like the Raiders, that's not the reason.

The Dolphins on paper are much better than the Dolphins on the field so far this year, although the last two weeks have seen Dan Marino kick it in gear and play much better. Look for a big game for #13 against the Ravens.

Barry Sanders rushed for a season high 215 yards last week in the victory over Tampa Bay. First of all, that is ridiculous. Second of all, the Giants are not the Buccaneers. Take Detroit.

The Steelers are having a rollercoaster season: blowing out opponents and then being blown out. The pattern says they should be getting blown out this week. But I just can't see the Bengals blowing anyone out. Take Pittsburgh.

Atlanta managed to pull off a close one for their first (and last?) victory of the season last week. Let's not get excited just yet, it was only the Saints after all. San Fran just keeps on chugging. Take the Niners.

Monday Night Special: Indianapolis used to be a gritty, gutsy, physical football team. Now they are 0-6. The Bills used to be "Boy I Love to Lose Super Bowls." That is not meant to be derogatory. Now they are kind of fading into mediocrity. This is one Monday night game that doesn't have impressive billing or significance in the NFL, but may be fun to watch anyways because both teams are struggling for their lives. Take the Bills.

Last week: 7-5. Season record: 50-28.

Equestrians Place At Vermont Shows

By Nina Kutsuzawa
TEAM MEMBER

Last weekend the equestrian team triumphed as they captured first, second, third, fifth and sixth places in Vermont at the University of Vermont and Middlebury College horse shows.

Nina Kutsuzawa '00 earned a first ribbon in walk-trot and Kathy Navarrete '98 earned a fifth place in advanced walk/trot/canter at the Middlebury show. They placed second and third, respectively, at the UVM show.

Alex Andersson '01 placed sixth in novice equitation over fences at the Middlebury show.

The team did an excellent job of stepping up to the competition despite a fall by team captain

Candice McElroy '99 during her novice equitation over fences class that left her hospitalized with a splenic injury the rest of the weekend.

Riders of Intercollegiate Horse Show Association (IHSA) events are judged on form and handling of a horse from the home team's stable that is assigned by a random drawing.

The team practices with coach Kate Alderfer-Candela at Arrowhead Stables in Concord. The team's next show will be hosted by Mount Ida College on Sunday, Oct. 26, in Dover.

MIT competes against 11 other colleges, including Harvard, Tufts, Dartmouth and Boston University.

Women's Varsity Eight Places 2nd in Regatta

Crew, from Page 32

College, and Bowdoin College. The winning four included Mark Jhon '01, Jim Morash '01, Salamina, Coates, and John O'Quin G (cox). The boat combined two promising freshmen and two from the MIT first varsity eight.

In the men's Freshman Eight event, MIT's novice heavyweights finished third, while the novice lightweights finished fourth behind crews from Colby and Bates. The freshman squads will soon benefit from the return of the experienced freshman rowers who have been practicing and racing in varsity heavyweight and lightweight boats.

Women's Eight gets second

The women fared almost as well as the men at New Hampshire. The women's Varsity Eight — Stephanie Chen '00, Peggy Hollermann '00, Liz Rose '00, Jessi Kleiss '00, Jeanne Tomaszewski '00, Samantha Lavery '98, Kathleen Vokes '00, Wendy Liu '00, and

Rainuka Gupta '99 (cox) — brought home silver medals, taking second place to a fast Bates crew in the Open Eight event. MIT covered the three-mile course in 20:55.

The three varsity Open Fours were even more successful with the first boat — Mariah Luff '99, Susan Dey '98, Kristin Jugenheimer '99, Heidi Chang '98 and Margo Harbaugh '98 (cox) — winning the race in 23:12.

The second MIT four — Zoe Teegarden '98, Katherine Koch '00, Emily Hanna '00, Katy Croff '00, and Betty Tsai '99 (cox) — finished third in 24:13. The third MIT four — Vokes, Bani Azari '00, Lorri Bush, Sneha Madhavan '00, and Julie Wertz '00 (cox) — came in seventh in a time of 25:20. The three women's Novice Eights enjoyed respectable finishes in what was the second race ever for most of the rowers and finished fifth, sixth and 10th out of a total of 15 crews.

Varsity women's captain Susan Dey contributed to the reporting in this article.

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SPORTS

Varsity Heavyweights Crews Dominate N.H. Championship

By Karl Richter
TEAM MEMBER

The varsity heavyweight crew squad won both the Open Eight and the Open Four events at the New Hampshire Championship Regatta last Saturday. The MIT women also won the Open Four and placed second in the Open Eight. The regatta, held on the Merrimack River in Hookset, N.H., was a first racing opportunity for most of the freshman men and the second race of the year for the women's crews.

While the mostly Division II and III schools competing in the regatta proved to be good competition for the freshman crews, the varsity squads used the day as a rehearsal to prepare for this weekend's Head of

the Charles Regatta (see box).

In the men's Open Eight race, the first varsity heavyweights (17:57.8) easily pulled away from the rest of the field to clobber second place finisher Colby College (18:24.7) by nearly 30 seconds over the three-mile course. Another Colby boat finished third (18:28.6), followed by two MIT varsity lightweight crews in fourth and fifth (18:39.0 and 18:44.5). Bates, the MIT heavyweight junior varsity, St. Anselm's, and UMass trailed. The heavyweight first boat included Shane Wu '99, Solar Olugebefola '99, Mike Salamina '00, Matt Coates '98, Mike Perry '99, Karsten Kallevig '99, Karl Richter '99, Dan Parker '99, and Jen

Lykens '99 (cox).

The top Beaver Eight has improved dramatically since racing to a second place finish at the Head of the Ohio last weekend. The same lineup will be racing Sunday in the Championship Eight event at the Head of the Charles, competing against the world champion United States National Team, the Canadian National Team, and top Division I colleges.

The MIT heavyweights also won gold in the men's Open Four category. The Beavers (21:02.7) beat Franklin Pierce (21:04.7), Colby College (21:11.1), two other MIT Fours, Bates College, Assumption

Crew, Page 31

Monday Matchup Not Too Promising

Column by Chris Brocoun
SPORTS COLUMNIST

The NFL has now officially considered moving all games to Monday night in an attempt to make the games more action packed. The Washington Redskins hung on to beat arch rival Dallas in new Jack Kent Cooke Stadium last Monday. Allowing Dallas a chance to drive when they were down only

five (with less than three minutes to go) definitely kept the game exciting, especially after Washington lead 14-3 at the half.

This week however, sees only one Monday night game and the matchup between Buffalo and Indianapolis does not seem very promising; neither does the first Thursday night game with San Diego heading to Arrowhead in K.C.

Last week saw a few important developments. First of all, Miami seem to have found their rhythm after

blasting the Jets. Atlanta did just beat New Orleans to erase their winless record. Chicago gave Green Bay all kinds of problems but still managed to preserve their "oh-fer" distinction which is now up to oh-fer-seven. Tampa did not rebound against Detroit from the loss to Green Bay and are now facing a treacherous two-game skid. Finally, the Giants beat Arizona to show that two weeks ago the victory over Dallas wasn't a fluke.

Brocoun, Page 30



AGNES BORSZEKI—THE TECH
Todd Kamin '00 holds his breath before his ball lands in the 14th hole at Christal Spring golf field, near Haverhill, on Tuesday.

UPCOMING HOME EVENTS

Saturday, October 18

Cross country, All-New England Championship, all day.
Men's water polo, Division III Eastern Championship, 10:15 a.m.
Sailing, Smith Trophy, 9:30 a.m.
Men's soccer vs. Western New England College, 11 a.m.
Women's tennis vs. Clark University, 1 p.m.
Women's soccer vs. Clark University, 2 p.m.

Sunday, October 19

Sailing, Freshman Invite, 9:30 a.m.

Several MIT-affiliated crews and individuals will race in this weekend's Head of the Charles Regatta (see box at right), which draws teams from around the world. The three-mile course begins at the Boston University Boathouse just downstream from the BU Bridge and runs to the Publick Theater at Herter Park, upstream of the Eliot Bridge.

Head of the Charles Regatta

Saturday, October 18

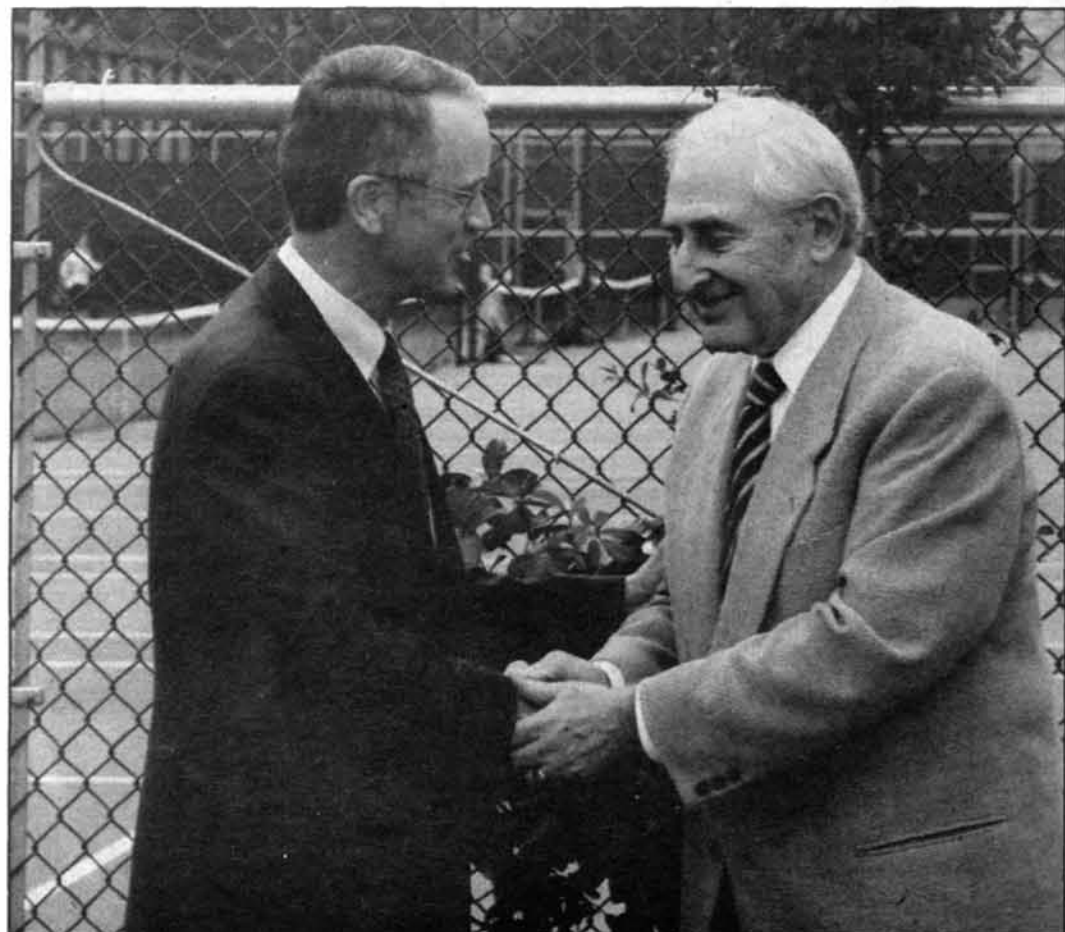
1:30 p.m. Club Four
3 p.m. Club Eight

Heavyweight Men's Varsity, Women's Varsity, Women's Graduate/Sloan Crew Club
Women's Varsity, Lightweight Men's Varsity, Heavyweight Men's Varsity, Men's Graduate/Sloan Crew Club

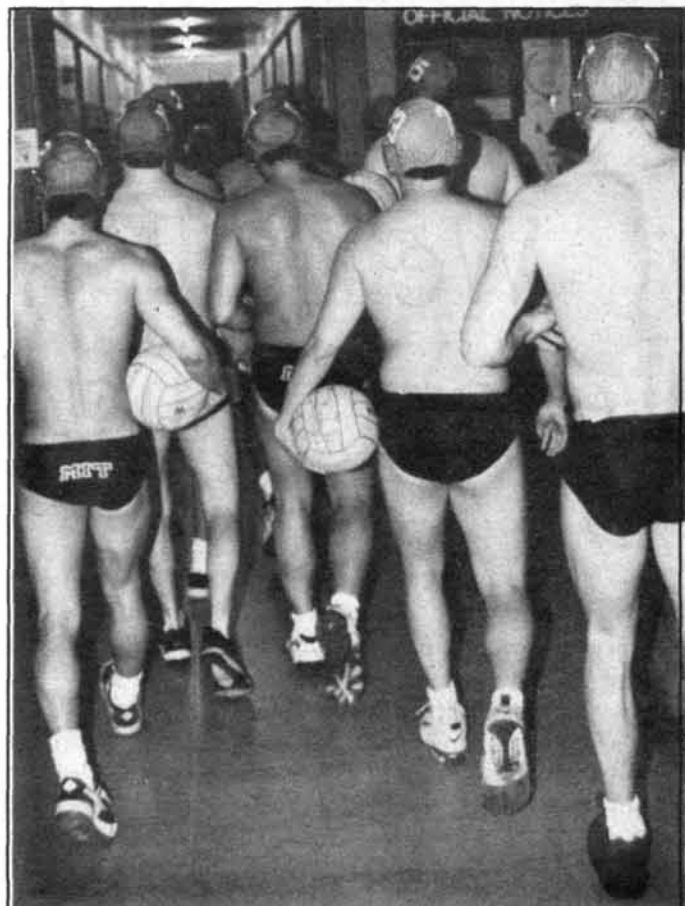
Sunday, October 19

8 a.m. Veteran Single
9:50 a.m. Youth Eight
1 p.m. Lightweight Four
2 p.m. Lightweight Eight
2:30 p.m. Championship Double
3 p.m. Championship Four
3:40 p.m. Championship One
4 p.m. Championship Eight

Professor Hartley Rogers
Men's Freshman
Lightweight Men's Varsity
Lightweight Men's Varsity, Lightweight Women's National Team featuring Director of Crew Stu Schmill '86 (cox) and Linda Muri '85
1997 National Team Member Brad Layton '92
Heavyweight Men's Varsity, Women's Varsity
Jeff Myjack '92
Heavyweight Men's Varsity



DENNIS YANCEY—THE TECH
President Charles M. Vest thanks Maurice Katz '41 for his donation, which was used to resurface and light several west campus tennis courts, at Tuesday's dedication of the courts.



ADRIANE CHAPMAN—THE TECH
The men's water polo team makes a "speedo run" down the infinite corridor to promote the upcoming Eastern Championship matches.