

Clifford G. Shull Wins Physics Nobel Prize



Professor Emeritus Clifford G. Shull, winner of this year's Nobel prize in physics, speaks at a press conference on Wednesday held in the Physics Reading Room.

By Daniel C. Stevenson
NEWS EDITOR

Professor Emeritus of Physics Clifford G. Shull will share this year's Nobel Prize in Physics for his development of neutron scattering techniques to analyze condensed matter.

The \$930,000 award was announced by the Swedish Academy of Sciences in Stockholm, Sweden on Wednesday. Shull, 79, will share the prize with Bertram N. Brockhouse of McMaster University in Hamilton, Ontario. Shull is the fourth member of the MIT physics faculty to win the prize.

"It is very exciting to be honored in this fashion," Shull said. "It's all the more exciting" that it happened over 40 years after the work was done, he said.

The neutron scattering techniques developed by Shull and his colleagues are "tools for learning things about materials," Shull said at a press conference on Wednesday. Using these techniques scientists can find "very basic information that determines the physical properties of a material."

"In simple terms, Clifford G. Shull has helped answer the question of where atoms 'are,' and Bertram N. Brockhouse the question of what atoms 'do,'" according to the Nobel citation.

Shull received "a very, very well deserved prize," said Professor of Physics and Department Chair Ernst J. Moniz.

Shull received a phone call at 5:30 a.m. Wednesday from the secretary of the Swedish Academy of Sciences informing him of the award, he said. "I was surprised" to receive the call, he said.

Work done 45 years ago

Shull's most important work was done at the Oak Ridge National Laboratory in Tennessee from 1946-51, said Robert J. Birgeneau, dean of the school of science. At Oak Ridge Shull and his colleague, the late Ernest Wollan, "systematically investigated the fundamental principles of elastic neutron scattering, thus providing the groundwork for this type of research," Birgeneau

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City Police Arrest Suspected 'Baybank Bandit'

By Daniel C. Stevenson
NEWS EDITOR

The Cambridge Police apprehended a man Tuesday evening believed to be the "Baybank bandit," according to Frank Pasquarello, public information officer for the Cambridge Police.

The suspect, Willy Dorch, is accused of robbing six people, including two MIT students, at gunpoint at automated teller machines on the edges of campus and near independent living groups, Pasquarello said.

In one of the crimes the robber made a victim walk from Cambridge to Boston across the Harvard Bridge to get money from a machine, Pasquarello said. Dorch is also a

suspect for crimes in New Hampshire, he said.

Erik D. Kupferberg '98 was robbed on Sept. 23 at the Baybank ATM at 226 Main St. in Kendall Square. The robber followed Kupferberg out of the ATM lobby into the Sloan School parking lot and then showed him a gun, Kupferberg said. The robber escorted Kupferberg back to the ATM and had him withdraw the limit of \$500.

Undergraduate is the latest victim

Joel P. Johnson '98, the latest victim, was approached last Friday morning as he left the Pi Lambda Phi fraternity house on 450 Beacon St. The robber approached Johnson and asked him if he was a college student.

"He was a pretty friendly guy at first," Johnson said, but when Johnson tried to walk away, the robber displayed a gun. "He asked me if I was going to cooperate," Johnson said. "I said yes."

The robber told Johnson that because he was a college student, he had a lot of money, Johnson said. "He wasn't really in a sane state of mind."

The robber walked Johnson to the Quality Mart ATM on the corner of Massachusetts Avenue and Beacon Street and had him withdraw the limit of \$500, Johnson said.

After handing the money to the robber, Johnson left the store, walked across the Harvard Bridge to MIT, and reported the

incident to the Campus Police, Johnson said.

The Quality Mart had a video surveillance camera, Johnson said. The robber turned around in front of the camera and presented a clear picture, which helped the police identify the suspect, Johnson said.

Bail hearing today

Dorch was arrested at approximately 6 p.m. Tuesday while breaking into a house on Bryant Street in Cambridge, Pasquarello said.

When the police arrived on the scene of the house break, the suspect "ran out the door and around the corner and was apprehended after a

Robber, Page 11

UAC Meeting Outlines New Members' Duties

By Ramy Arnaut
NEWS EDITOR

The first Undergraduate Association Council meeting of the term took place Wednesday night.

The purpose of the first meeting was to describe how the UAC operates to its newest members, said UA President Vijay P. Sankaran '95. Nearly 20 of the 30 Council members and others attending the meeting were freshmen, he said.

"We have a lot of freshmen, which is really great if we can keep it going," Sankaran said. He called the freshmen's interest in the UAC a bonus that would "get fresh ideas

and fresh voices" into student government.

The meeting served as an orientation session, informing the attendees of their powers and responsibilities as new members, Sankaran said. Chief among these duties is participation in a Council committee, such as those on education policy or housing, and attendance of the weekly UAC meetings, he said.

UAC members should also attend meetings at their living groups, so they are familiar with student issues that should be brought to the Council's attention, Sankaran said.

The next item on the agenda was the description of the roles of the Floor Leader, the Vice Chair, and the Executive Committee member, which are three UAC positions that will come up for election at next Wednesday's meeting. All Council members are eligible to run for these offices.

Members ready for responsibility

The special emphasis Sankaran placed on responsibility did not discourage the Council's newest members.

"I'm really excited about [the

UAC, Page 15

Lawyers File Pre-Trial Motion To Dismiss LaMacchia Case

By Sarah Y. Keightley
EDITOR IN CHIEF

The counsel for David M. LaMacchia '95 filed a pre-trial motion two weeks ago to dismiss the federal government's case against him. The motion bases its arguments on an incorrect use of the wire fraud law and on constitutional infringements of LaMacchia's



David M. LaMacchia '95

THOMAS R. KARLO—THE TECH

rights, said Harvey A. Silverglate, one of LaMacchia's attorneys.

The U.S. District Court in Boston is handling the case.

Though the motion is a standard procedure, LaMacchia's attorneys are confident that it could get the case dismissed. "I believe that David has a very good chance that his motion to dismiss will succeed," said Harvey A. Silverglate, one of LaMacchia's attorneys.

LaMacchia was indicted on a charge of conspiracy to commit wire fraud on April 7. He is charged with using two workstations in the Student Center Athena cluster to "permit and facilitate, on an international scale, the illegal copying and distribution of copyrighted software," according to the indictment. Using a server running on the two workstations, Internet users could exchange copyrighted software, such as Microsoft Excel and Wordperfect.

Information Systems determined that the servers were running between Nov. 21, 1993 and Jan. 5, 1994. Many of the people who accessed the pirated software over the Internet concealed their location by dialing up via an anonymous service in Finland. Losses of the pirated software are expected to exceed \$1 million, according to a statement from the U.S. Attorney's office last spring.

If convicted, LaMacchia could face up to five years in prison and \$10,000 in fines, according to an agent with the Federal Bureau of Investigation.

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WORLD & NATION

Japanese Author Kenzaburo Oe Wins Nobel in Literature

THE WASHINGTON POST

Two events have shaped Kenzaburo Oe's life and career with cataclysmic force: the Japanese surrender in World War II, which occurred when he was 10; and the birth of his brain-damaged son in 1963.

Between them, these experiences have spawned two dozen novels, decades of political activism, a position atop the Japanese literary firmament and, Thursday, the Nobel Prize in literature. The only other Japanese to win the prize, worth \$930,000 this year, was Yasunari Kawabata in 1968.

The 59-year-old Oe (pronounced OH-eh) reacted modestly to the news. "Whenever I was named as a candidate, I always thought it was a joke," he said at an impromptu news conference outside his Tokyo home. "I never thought about winning the prize."

He paid tribute to such masters as Kobo Abe and Shohei Ohoka, saying, "I won the prize thanks to the accomplishments of modern Japanese literature."

In its citation, the Swedish Academy rather vaguely credited Oe for creating "with poetic force" a world "where life and myth condense to form a disconcerting picture of the human predicament today."

Flow of Illegals at Mexican Border Reduced, Official Says

LOS ANGELES TIMES

WASHINGTON

The Justice Department's No. 2 official said Thursday that the Border Patrol, with the aid of the Defense Department, has sharply reduced the number of illegal immigrants coming across a formerly heavily traversed section of the California-Mexico border.

Deputy Attorney General Jamie Gorelick, returning from a two-day visit to the border south of San Diego, coupled her upbeat assessment with a prediction that the government will be able to "secure the entire southwest border."

At the same time, Gorelick stepped up the administration's attack on California Gov. Pete Wilson, who has been highly critical of federal efforts to halt illegal entries. She rejected the suggestion that Wilson has put the immigration issue on the front burner and maintained that he has hindered solutions and "has not been constructive at all."

Sean Walsh, Wilson's press secretary, countered that it was California's three lawsuits against the federal government that led to "substantial action" by the Clinton administration. Walsh dismissed as ludicrous Gorelick's statement that Wilson had strongly supported allowing California employers to hire illegal immigrants and had opposed sanctions against employers in certain industries.

Gorelick, whose responsibilities include overseeing the Immigration and Naturalization Service, described looking at sites where "people had been running across the border utterly unimpeded for years" and finding them "quiet." She provided no specific figures on the decrease, however.

Scientists Identify Genetic Markers in Dyslexia

LOS ANGELES TIMES

In a finding that could soon have a major impact on the diagnosis and treatment of dyslexia, scientists have identified genetic markers that should allow early identification of the reading disorder in high-risk children or even in fetuses, experts said Thursday.

San Diego and Colorado researchers report Friday in the journal *Science* that they have linked the reading disorder, which arises in people with an otherwise normal intelligence, to a small region of chromosome 6, one of the 23 pairs of chromosomes that compose the human genetic blueprint. While they are racing to identify the gene in this region that causes dyslexia, they are also developing a genetic test that could identify the disorder long before a child attempts to begin reading.

Using recently developed interventions and new techniques for diagnosing dyslexia at ages 5 to 6, clinicians currently can make significant improvements in the reading ability of perhaps half the children treated. But the diagnostic techniques are not widely available yet, and dyslexia, which affects 5 percent to 10 percent of the population, is not normally diagnosed until around age 8. By that age, even the best interventions can help no more than 25 percent of dyslexics.

WEATHER

Cold Flow

By Marek Zebrowski
STAFF METEOROLOGIST

A storm over the southeastern states will continue moving slowly towards the mid-Atlantic coast, spreading an ominous layer of high clouds over our area and slight threat of precipitation to the south of New England on Friday. As this system exits the Carolina Capes on Saturday, an upper low over Labrador will retrograde into the Maritimes and the interaction of these two systems will nudge a cold high from eastern Canada towards our area, bringing in a blustery but largely fair weather for the next few days.

Today: Considerable cloudiness and cool. High 62°F (16°C), northwesterly winds becoming north-to-northeast by late afternoon.

Tonight: Partly cloudy and chilly with lows around 40°F (5°C) in the city and in the 30s (0-4°C) in the suburbs.

Saturday: Partly to mostly sunny, blustery and cool. High 54°F (12°C).

Sunday: Continued fair and chilly. With northerly winds daytime highs will reach only the mid 50s (11-13°C); expect lows around 40°F (5°C) in the city, 30s (0-4°C) in the suburbs.

10,000 Iraqis Stop Pulling Back from Kuwaiti Border

By Thomas W. Lippman
and Bradley Graham
THE WASHINGTON POST

WASHINGTON

The U.S. government reported late Thursday that as many as 10,000 of the troops Iraq was pulling back from the Kuwait border area had stopped their retreat and appeared to be digging in at new positions much closer to Kuwait than Washington has said it would allow.

It was not clear why the troops had stopped, but the unexpected development generated fresh concern among U.S. officials about Iraqi intentions and prompted the Pentagon to consider accelerating the dispatch of U.S. forces to the Persian Gulf region. Earlier in the day, believing Iraq's withdrawal was going well, U.S. military commanders had put a hold on the planned deployment of some forces.

At the same time, the United States appeared to be heading for a tough diplomatic argument with Russia over what to do next to prevent Iraq from again taking threatening military action.

Thursday night, Iraq announced in a joint declaration with Russia that it was ready to recognize Kuwait's sovereignty and borders with the understanding that the United Nations embargo against it would be eased. Russia declared that, once Baghdad recognizes Kuwait, it will support lifting the embargo on Iraqi oil sales after a six-month testing period of U.N. monitoring of Iraq's arms industry.

The immediate U.S. response to

the Iraqi-Russian statement was negative, as senior officials said they were not interested in easing economic sanctions on Iraq in exchange for any conditional or partial compliance with U.N. Security resolutions.

The Russian and Iraqi commitments came in a joint statement read over Iraqi television following a meeting between Iraqi President Saddam Hussein and Russian Foreign Minister Andrej Kozyrev, who arrived in Baghdad Thursday in a bid to defuse the latest confrontation between Iraq and the United States.

U.S. officials said a large part of one of two divisions of the Iraqi Republican Guard that had been withdrawing from the border with Kuwait had halted at the town of Nasariyah, about 100 miles from the border. Another contingent stopped a little further north in the town of Qualat Salih, officials said.

The officials said the new locations left Iraq's best-equipped troops still within relatively easy striking range of Kuwait. The Clinton administration wants the Guard units to return to positions near Baghdad and Mosul in northern Iraq that they occupied before they moved south in the recent action that prompted the U.S. military response.

The United States now has about 4,400 ground troops, more than 200 aircraft and 17 ships in the region, but U.S. officials expressed concern that the Iraqi troops still could be considering a thrust toward Kuwait.

Officials with access to U.S. intelligence reports said they could

only speculate on why the Iraqi troops — part of the 20,000 whom Saddam suddenly sent streaming toward Kuwait a week ago — had halted. It was not clear whether the units simply intended to pause awhile in their promised withdrawal or planned to stay where they are.

A senior defense official noted that the place the Iraqi troops have stopped could be used as a staging area for renewed attacks on Shiite Muslim dissidents who live in the marshes just to the south. Iraqi forces have been waging a repressive campaign against the Shiites there for years.

"My level of concern is high," said a senior defense official. "They're within a distance that would enable them to move rapidly toward Kuwait, just as rapidly as they left" a day or two ago.

The official said that the troops stopped at Nasariyah had "dug in" their combat equipment. He also reported "some anomalies" involving the Iraqi troops that had halted at Qualat Salih.

"It's a matter to be watched very closely," White House national security adviser Anthony Lake said of the latest Iraqi move.

Before the new alarms over the halt in Iraq's retreat from the Kuwaiti border region, the prospect of a military confrontation was receding so rapidly that Defense Secretary William J. Perry said in Saudi Arabia Thursday that he wanted the United States to begin withdrawing some of its troops in the Persian Gulf region within weeks.

Virginia Senate Candidates Launch Harsh Commercials

By Peter Baker
and Kent Jenkins Jr.
THE WASHINGTON POST

Virginia's Senate race took its harshest turn yet Thursday as the front-runners launched television commercials including accusations of lying to schoolchildren, partying with drug dealers and trysting with a beauty queen.

With polls showing Democratic Sen. Charles S. Robb and Republican challenger Oliver L. North deadlocked 25 days before the Nov. 8 election, both candidates have embarked on a strategy of demonizing the other.

Using suggestive, tabloid-style music and language, North's new ad reminds voters of Robb's personal problems with drug parties and marital infidelity. It flashes a *Playboy* cover of a woman who claimed to have had an affair with him and concludes that "Chuck Robb lived a lie."

Hours after that spot hit the air, Robb counterpunched with his own ad declaring that North is lying and asking whether the GOP nominee even "knows what the truth is."

The sudden media skirmish signaled a new phase in the nation's most celebrated political contest this year, which analysts believe will be overwhelmingly negative. For now, marital infidelity, falsification of documents, tolerance of drugs and misuse of funds for personal gain are the issues of choice.

"The question is whether it's the self-destructive stage or not," said Ronald G. Shaiko, a government professor at American University. "These guys are going to be stumbling across the line here, shooting each other, perhaps even mortally wounding each other."

Although the tenor of the campaign recently had been growing meaner with each passing day, the ugliness remained largely confined to stump appearances, with both candidates using surrogates such as Vice President Gore and Senate Minority Leader Robert J. Dole to deliver the verbal blows.

The commercials show that both men have overcome any reluctance to highlight the most objectionable aspects of each other's past. And by putting that on television, the campaigns have tapped the medium that will reach, relentlessly, into millions of voters' homes through Election Day.

The unintended beneficiary could be independent J. Marshall Coleman, who hopes to attract voters turned off by the major-party nominees. A Washington Post survey published Sunday showed that most voters already were making a choice based on character questions rather than issues.

"There's a chance that Coleman will pick up support now that the exchange has occurred," said Greg Stevens, a Republican media consultant who worked against North's nomination but has stayed out of the race since. "That may be the answer to why it didn't start sooner, because they didn't want to do anything to help him."

However, Coleman trails so far behind in the polls and fund-raising that most analysts say it may be too late for him to have a credible shot at victory. The Post poll showed North with 42 percent, Robb with 41 percent and Coleman with 9 percent.

As the candidates craft their media strategies for the final weeks, Robb may have the tougher time

taking votes away from North, according to independent political professionals.

By waiting so long to attack, they said, Robb allowed North to redefine his image from dangerous loose cannon to affable war hero and devoted family man. North spent \$800,000 on unanswered television ads between his June nomination and Labor Day, primarily a series of warm-and-fuzzy commercials that featured his wife, a war buddy and, finally, North himself.

That last ad was perhaps the most effective. It showed North dressed in a blue flannel shirt straight out of L.L. Bean, talking directly into the camera in a folksy style before concluding, "I'd appreciate your vote."

"It's one of the best things I've ever seen," said Harry Wilson, a political science professor at Roanoke College. "He's so good. It's scary how good he is. He's better than Reagan."

Mike Murphy, North's media consultant, said the strategy was to reintroduce North to voters in terms they never had associated with him. "He has a family, he has a life, he's somebody, he's like us," Murphy said. "It adds another dimension. We could undo some of the media demonization, show that he's actually a helluva guy."

A poll released this week demonstrated how much that tactic has helped North. Since July, his favorable rating increased from 37 percent to 43 percent, while Robb's fell from 50 percent to 42 percent. The poll also showed that despite Robb's charges, fewer people trust the incumbent to tell the truth than his challenger (34 percent compared to 37 percent).

U.S. Gave Cedras \$1 Million In Exchange for Resignation

By Kenneth Freed
LOS ANGELES TIMES

PORT-AU-PRINCE, HAITI

The United States gave former Haitian military strongman Lt. Gen. Raoul Cedras a million dollar-plus "golden parachute" to resign and go into exile, including the rental of three of his houses, according to U.S. and Haitian sources.

Cedras, who fled to Panama early Thursday and whom President Clinton and other U.S. officials have described variously as a "thug," "stooge" and "killer," was forced to resign as commander in chief of the Haitian army or face a hostile American invasion.

As part of a deal to avoid arrest, Cedras had promised early this week to leave the country and permit the return Saturday of President Jean-Bertrand Aristide, who was driven into exile by a military coup on Sept. 30, 1991.

But Cedras delayed his departure while he wrested final financial concessions from the United States — a

promise that the Americans would rent his own home in the suburb of Puyguyville, his mother-in-law's Port-au-Prince home and a beachfront house about 40 miles to the north.

U.S. Embassy spokesman Stanley Schrager denied reports that senior American military officials would live in any of the three homes but confirmed that the United States would rent the properties.

He declined to give the price beyond saying they would be leased "at fair market value," possibly to U.S. personnel.

Sources close to the Haitian military, however, said the Puyguyville home, which has been stripped bare, would be rented for \$4,000 a month for a year, to be paid in advance.

The leases for the beach house and the mother-in-law's home, also for a year, are for "several thousand dollars" a month each, the sources said.

The payments to Cedras, which include the cost of exile for his chief of staff, Brig. Gen. Philippe Biam-

by, are not the first to be made to Haitians held responsible for ousting Aristide since the U.S. troops began arriving Sept. 19.

American military officers and civilian officials have provided lucrative contracts to several wealthy Haitian families implicated in the coup or known to back the three-year military regime.

Arguing that these families were the only sources of needed services and properties, the United States has leased large tracts of land for housing and storage facilities, even building a gasoline pipeline and storage tanks.

As with any improvements to the Cedras properties, all enhancements to these tracts will be given to the owners, free of charge.

"Our intent (in financing Cedras' exit) was to smooth the transition to President Aristide," Schrager said, "to make that come about as smoothly as possible." He also said there "were no cash inducements" involved.

SEC Starts a Broad Program To Increase Investor Protection

By Albert B. Crenshaw
THE WASHINGTON POST

WASHINGTON

The Securities and Exchange Commission is launching a wide-ranging effort to increase protections for individuals who invest in stocks, bonds and mutual funds, and to "take the mystery" out of key documents mutual funds give to their investors, Chairman Arthur Levitt said Thursday.

The initiative, which includes offering consumer information through electronic bulletin boards, an 800-number for investors, simpler language in some securities documents and a revamped consumer affairs office, is part of a reorientation of the SEC toward greater involvement of consumers in carrying out the agency's mandate of consumer protection, Levitt said.

Officials in a number of mutual fund companies applauded the effort. "Anything that's more user friendly is something that we would embrace," said Diane Coffey of the Dreyfus Corp., a large fund operator recently acquired by Mellon Bank.

The changes are motivated, in part, because of the enormous sums Americans have invested in securities markets, especially through

mutual funds (more than \$2 trillion) and the growing sense among regulators that many of these investors don't really know what they are doing.

About 28 percent of all U.S. households now own mutual funds, up from 6 percent in 1980, according to an estimate by Kemper Securities analyst David Hale. When direct stock market investment is included, the number of families with such investments is one out of every three, Levitt said Thursday.

"There's a new economic fact of life in America, one whose significance has not yet sunk in. For the first time in history, (mutual fund) assets have surpassed commercial bank deposits. We've gone from a nation of savers to a nation of investors," Levitt said in a speech at the National Press Club.

But thousands of them are making inappropriate investments, losing money they thought was federally insured, or being swindled by con artists, he said.

The SEC's "traditional venue" has been lawyers, accountants, brokers and other professionals so "most of the actions we take every day affect the industry directly and investors indirectly," Levitt said. "We've been protecting investors,

but we really haven't been talking to them.

"The new realities of our marketplace call for a new approach," he said.

Levitt said the agency is making a major effort to make mutual fund prospectuses — the legal document describing each fund, its strategy, goals and risks — more comprehensible to investors. Typically, prospectuses consist of page after page of dense legal language.

Much of this arcane legal language results from industry compliance with SEC rules, Levitt conceded. "The law of unintended results has come into play. Our passion for full disclosure has created fact-bloated reports, and prospectuses that are more redundant than revealing."

So he has enlisted the aid of the industry to try to develop a plain-English, one-page summary to go with the traditional prospectus and serve as a guide. He persuaded renowned investor Warren Buffett to translate a jargon-laden paragraph from a typical prospectus into plain English, and Buffett was able to do so.

Levitt said fund operators that offer clearer prospectuses will get expedited review from the agency.

Gingrich Speech Gives Lobbyists A Strategy for Midterm Elections

By Ann Devroy
and Charles R. Babcock
THE WASHINGTON POST

WASHINGTON

Describing for a group of lobbyists the Republican strategy for the midterm elections, Rep. Newt Gingrich, R-Ga., said last week that Clinton Democrats should be portrayed as "the enemy of normal Americans." He went on to say that if the GOP wins control of the House, the party will use "subpoena power" and create a select committee on corruption to investigate the Clinton administration.

Gingrich's speech to a group of two dozen executives of government relations firms at the Capitol Hill Club provided a detailed framework of how he thinks Republicans can capture the House for the first time in 40 years and what the party will do if they succeed at it. One participant wrote a four-page memo covering the highlights of the meeting with Gingrich and National Republican Congressional Committee Chairman Bill Paxon (N.Y.) that was obtained by The Washington Post.

Gingrich, in an interview, confirmed the accuracy of much of the memo but said some of the quotes attributed to him were taken out of context. He said the actions he was proposing are not significantly different from those Democrats, who have controlled the House for 40 years, inflicted on the Republican minority and Republican administrations.

Asked to describe the "normal" Americans for whom Clinton is the enemy, Gingrich instead mentioned Clinton appointees such as Surgeon General Joycelyn Elders and Ira Magaziner, the architect of Clinton's health care plan. He said Elder's advocacy of abortion rights and the availability of birth control in schools puts her at odds with Americans with different religious beliefs. As for Magaziner, "Normal Americans do not want government to take over every aspect of their health care," he said.

Gingrich added that he should have used the word "threat" to normal Americans rather than enemy.

Gingrich is quoted in the memo as scoffing at the idea, offered by

some White House aides, that GOP control of Congress could be good for the president because it would give him a Trumanesque opportunity to run in 1996 against a do-nothing Republican Congress.

Such a suggestion, Gingrich is quoted as saying, "can be answered with one word: subpoena." He then envisioned a Congress with 20 task forces or subcommittees at work investigating corruption in the White House and throughout the administration.

Gingrich also told the group if Republicans took over the House "there would be the opportunity to restructure and restaff" the office of technology assessment, the congressional budget office and other administrative jobs. He compared it to the political appointments a new president can make in the executive branch, about 1,600.

Republicans need to capture 40 seats to control the House, and the memo said if the GOP falls slightly short, they will try to make up the difference with Democratic conversions.

Inflation Report Gives Markets Another Lift

THE WASHINGTON POST

WASHINGTON

Nobody can be sure how long it will last, but the U.S. economy appears to be in the best shape it's been in for three years.

Unemployment is falling in most regions of the country. Business profits are up smartly. And just Thursday, the government reported new evidence that inflation remains in check, with prices at the nation's factories actually falling in September by half a percentage point.

Wall Street saluted the news Thursday by extending what has been a week-long celebration. The announcement that producer prices had fallen powered a 50-point rally Thursday morning in the closely-watched Dow Jones industrial average. By the closing bell, however, profit taking had cut the Dow's climb to a more modest 14.80 points. It closed at 3889.95.

Bond investors, whose fear of inflation had driven up interest rates to near 8 percent just last week, regained enough confidence to pull rates back to 7.85 percent Thursday on the benchmark 301/4-year Treasury bond, down from 7.90 percent Wednesday.

And the dollar, which had faded under the summer heat, has recently regained some of its spirit, too. It closed Thursday in New York at 99.46 Japanese yen, down slightly from 99.77 yen the day before but up from a recent low of 97 yen.

"This underscores our belief that the economic fundamentals are sound," said White House spokesman Dee Dee Myers, repeating the Clinton administration mantra of recent days. "We continue to have solid growth with low inflation."

30,000 Believers See Miracle In Virgin Mary Message

THE WASHINGTON POST

CONYERS, GA.

On a misty cold and muddy hill here, more than 30,000 people gathered Thursday in near silence to listen to every amplified syllable spoken by an ordinary-looking woman in a green raincoat.

The soft childlike voice belonged to Nancy Fowler, a 46-year-old homemaker, but Fowler says the words belonged to the Virgin Mary. Catholics chartered buses and drove across the country to hear what Fowler had billed as a special — and possibly final — message from the mother of Christ.

They were not disappointed. Fowler emerged from her farmhouse inner sanctum here after two hours of prayer to say the Virgin had warned of imminent natural disasters, war in the Persian Gulf and continents drifting apart unless people who had strayed from the faith "pray as you have never prayed before."

Many have made repeated trips here to hear her speak on the 13th of each month and testified to witnessing miracles. They say their silver rosaries turned to gold. They say they saw the sun spinning in the sky and smelled roses in the middle of winter. And they passed around Polaroid photographs of clouds in which they say they saw the unmistakable silhouette of the Virgin Mary.

For nearly two hours, Fowler knelt in a corner of the apparition room before a statue of the Virgin Mary. Everything inside was broadcast to the crowd waiting outside on the hill. Priests from Europe, Africa, India, Sri Lanka and the United States recited all 15 mysteries of the rosary in their native languages.

Bell Atlantic, Nynex, MCI Near Pact on Wireless Network

THE WASHINGTON POST

WASHINGTON

Bell Atlantic Corp. and Nynex Corp. are close to sealing an agreement with MCI Communications Corp. to create a nationwide wireless communications network, industry sources said Thursday. It would be the first such alliance between local and long-distance telephone giants.

By linking with Washington-based MCI, the nation's second-largest long-distance carrier, the two Bell companies are gambling they could better compete against recently merged AT&T Corp. and McCaw Cellular Communications Inc. in the race to provide the next generation of cellular services.

In June, the two Bell companies announced plans to pool their cellular operations, which together serve 1.8 million customers along the East Coast. With MCI, which has fiber-optic cables to most major U.S. cities that could connect to new cellular networks, the Bells' service territory could stretch from coast to coast.

Cult Leader Jouret Among the Dead, Police Say

THE WASHINGTON POST

MONTREAL

Swiss police Thursday ended the mystery of cult leader Luc Jouret's fate, confirming that he was among the dead found in the Order of the Solar Temple's fire-gutted chalet in the alpine village of Granges-sur-Salvan.

Jouret apparently perished along with 52 of his followers in last week's grisly round of blazes, slayings, bludgeonings and unexplained deaths among members of the apocalyptic order based in Switzerland and Canada.

Swiss authorities did not say how Jouret, 46, a Belgian doctor-turned-guru, had died, leaving open the possibility of suicide. Only one top temple official, Jean-Pierre Vinet, remains unaccounted for.

Early theories of a mass suicide have given way, under revelations from Quebec and Swiss police, to evidence of well-orchestrated execution-style slayings on both sides of the Atlantic on Oct. 4 and 5.

The investigation has become global, as authorities in Australia have joined those in Europe and North America looking into allegedly extensive money-laundering activities by cult members, transactions that may be tied to arms trafficking. A Swiss newspaper, L'Hebdo, Thursday quoted Australian banking sources describing a Jouret associate opening an account there last year with a \$93 million deposit from a Swiss bank.

OPINION

Letters To The Editor



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Old Accusations Hurt Dialogue

Let's not try to ignore it: There have been and still are problems between Gays, Lesbians, Bisexuals, Transgenders, and Friends at MIT (GAMIT) and fraternities and sororities ["GAMIT, IFC Strive for Communication," Oct. 7].

However, putting up signs in the Infinite Corridor accusing several fraternities of homophobic acts committed 10 to 15 years ago was truly uncalled for.

I agree completely that these acts are not to be tolerated, but we are talking here about people who haven't been at MIT for a few years. I do not think it is fair to blame today's brothers and pledges of any fraternity for what previous members of their fraternity have done in the past.

Now don't get me wrong, communication between the Interfraternity Council and GAMIT definitely needs to be improved, and homophobia should not be tolerated. However, these accusations are definitely not the way to start a discussion because they bring an undeserved bad reputation to the fraternities mentioned on the posters.

Benjamin Adida G

Bulletin Board Offensive to Turkish Cypriots

There is a board on the Infinite Corridor walls which tells us about the too-concise history of Cyprus, which is a beautiful island floating on salty Mediterranean water and pointing at the hottest spot on the globe. On that tiny little island there are two ethnic identities with different languages, religions, beliefs, stories, lullabies, dreams, and nightmares despite a common history of almost 500 years. One's dream is the other's nightmare. One's peace is the genocide of the other.

The "artist" who prepared that irrelevant,

inconsistent, incomplete, untrue, uncivil board thinks that those two should unite. He supports his wishes with the example of the collapse of the Berlin Wall. He does not seem to realize that the very collapse of the wall caused new nations to pop up everywhere on the globe. As those nations believe that they cannot integrate with their bullying neighbors, so do the Turkish Cypriots.

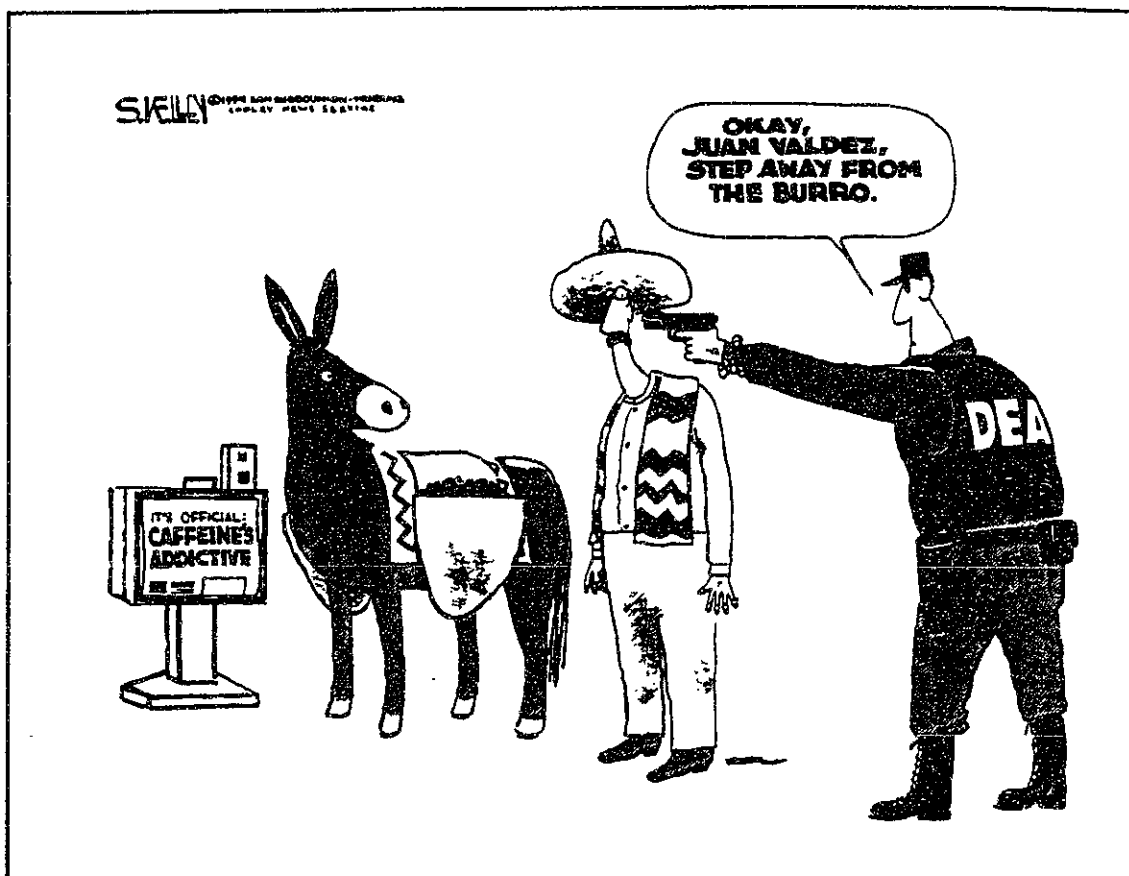
The artist's judgment might have been obscured by the dream which must be emerging from the collective conscious of the few who used to vision their ownership and ruling of Cyprus as a part of the "Hellenic Trunk" (as the artist names it). "Unfortunately," that barbarous dream was interrupted by "Turkish Invasion" of the island 20 years ago, no matter how close it was to becoming reality by the genocide efforts of the fascist organization EOKA, their leader Niko Samson, his preacher Makarius, and their master, the fascist junta

in Greece.

Neither the Turkish Cypriots nor the Turkish government enjoys having the Turkish army on the island. Yet the choices which are offered to the Turkish minority of Cyprus by the government of the Greek majority do not hand Turkey any chance of withdrawal. The efforts of Turkish Cypriots and Turkey have been exhaustive, but the Greek Cypriot government does not wish to approve a legislature which would observe the minority rights of Turkish Cypriots.

There is already an independent state of Turkish minority on the island, the Turkish Republic of Northern Cyprus. However, global recognition of the state causes fear among the fascist dreamers. Of course, if she were independent, they would find not only Turkey but the whole globe on their face when they wanted to complete their mission.

Serhat Yesilyurt G



Incident Underscores MIT's Anti-Rat Bias

Column by Anders Hove

OPINION EDITOR

For most students, the Stratton Student Center conjures up images of Athena terminals, LaVerde's, greasy food, or the Undergraduate Association. Many on campus seem to forget that, to a certain quarter of the MIT community, the Student Center is more than just a place to hang out. To the rats on campus, it's home.

MIT's rat community has rarely been vocal. Given the biases most members of the student body hold about rats, it can be hard to "come out" as a rat on campus. Recent events, however, have forced rats to re-examine their place in the community. Many have decided to take a stand in favor of "rathood."

Most of the hubbub centers around an incident in Lobdell Court in which several students sighted one of our furry friends minding his own business in the wild rice. According to one account [Rat Was a Surprise, Sept 30], a student shouted, "Hey look — a rat!" at which point Lobdell employees took up arms and joined the growing lynch mob. The rat was chased away, and the rice was discarded, having been "soiled" by contact with the despicable "rodent."

Two factors of the "Lobdell Incident" galvanized the rat community. First, rats had previously accepted the ignorance of the student body. After all, few students have had fre-

quent contact with rats. Given that students and rats have lived separately for so long, one might expect them to feel uncomfortable when placed together suddenly in a social setting. But the outright rejection of the rat population demonstrates once and for all the inferior and discriminatory treatment given to rats on campus.

Second, after the sighting, a pack of administration bigwigs (none of whom had even been present at the incident) turned up to announce that, in fact, no rats reside in Lobdell. Campus Activities Complex Director Phillip J. Walsh, ARA General Manager Rob McBurney, and even the Director of the Safety Office John M. Fresina agreed that no rats were present in the Student Center ["Students See Mice In Lobdell Court," Oct. 7]. Walsh, however, stated that "mice do occur." Since when do living creatures "occur?" And why did so many people rush out to declare Lobdell's ancient and proud rat population nonexistent, instead crudely labeling the sighting a mouse problem?

There could be only one reason why the Student Center's officialdom was so quick to deny the existence of the MIT rat community: They were scared stiff that, should rats be given even a hint of equal rights and equal treatment, MIT would soon find itself submerged in another tortured "dialogue" concerning its treatment of historically oppressed

minorities.

Since the Lobdell incident, MIT's rats have attempted to organize themselves to combat the ignorance and prejudice that pervade the student body with regard to rat-related issues. Even as the rat community begins its campaign, it continues to confront new examples of species discrimination and even outright hatred. For instance, several "RAMIT" posters have been inexplicably removed from Infinite Corridor bulletin boards shortly after having been posted. World press organs have uncritically accepted scientifically questionable evidence that the pneumonic plague is somehow transmitted by rats, fueling anti-ratist agitation on a world scale. Most importantly, Lobdell continues to cover-up the existence of the rat community, and last week even went so far as to hire a team of exterminators to eliminate its "mouse problem."

In spite of the setbacks, some progress is being made. On Oct. 5, the Student Center held a fire drill in which all primates were asked to leave the building in order that the rats be given free reign in Lobdell. Needless to say, RAMIT is already pressuring the MIT administration to schedule a rat-rights speech during next Rush. All members of the MIT community need to make themselves aware about the growing problem of inter-species discrimination.

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

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

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

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Infinite Corridor Posters Push Fascism for Cyprus

Guest Column by Kerem Limon '97,
Levent M. Talgar '97,
and members of the Turkish Students
Association

We would like to express our sincere grief and astonishment over the recent poster along the Infinite Corridor concerning the alleged Turkish invasion of Cyprus in 1974 and unjust criticism of Turkey's Cyprus policy. As the Turkish Students Association, we have asserted many times that poster of this type is very malicious and serves no positive cause — especially when it is a totally unilateral and inaccurate misrepresentation of the facts.

Our reaction to the attitude taken in the board by those who prepared it (who have so effectively succeeded in concealing their identities) was one of terror and great grief. We were shocked and just as much disappointed to find that the contents of the board were mostly centered upon the ideas and assertions

of "Enosis," a fascist policy of the late 1950s and the 1960s, calling upon the unification of the island with Greece, completely ignoring the existence and the true and democratic will and rights of a Turkish population present on the island.

"Enosis" is a policy of the Greek Cypriots which emerged in the late 1940s as a combination of the influence of the extreme communist groups in Greece and Cyprus; and the consistent propaganda of the fascist factions in the Greek army and the extremists in the Cypriot community.

Enosis reached its peak support from the Greek population on the island during the late 1950s and the 1960s when it was the basis for many plans and suggestions submitted to the

United Nations and the United Kingdom (which had control over the island until 1959) by the Greek side. Due to its obvious fascist content and orientation, and its extreme and unacceptable negligence of the democratic rights of the Turkish population, Enosis-based plans were consistently refused by the United Nations, until the Zurich and London Agreements of February 1959 which "officially banned Enosis" for the island.

The Cypriot side unilaterally denounced these agreements in 1964 which resulted in the 1964 crisis between Greece and Turkey. Another attempt to keep Enosis alive was made after the military coup in Greece on April 21, 1967, which further drove the negotiations into a blind alley. Quoting from Kon-

stantin Kolias who was immediately appointed prime minister of Greece after the coup, the Greek side was "to achieve Enosis via peaceful negotiations." [Republic of Turkey, *Bulletin of the Ministry of External Affairs*, April 1967]

Enosis used to be the ensign of the fascist dreams that were about to become reality prior to the Turkish military intervention in 1974. Since then, all negotiations between the two sides have been haunted by the terrorizing thought and vision of this fascist policy, which today, in an age of democracy, tolerance, and compromise seems more obsolete and uncivilized than ever.

A further point of view which has surprised and just as well amused us was the analogy that the creators of the board had unsuccessfully tried to draw between Cyprus and the unification of Germany. After tons and tons of fascist propaganda and elaboration

Posters, Page 7

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HOMEcoming 1994

Thursday, October 13, 1994

Frank Santos: The R-rated Hypnotist
9:30pm in Lobdell

Friday, October 14, 1994

Sports Rally!!!
9pm-10pm in Rockwell Cage

Saturday, October 15, 1994

Scavenger Hunt

10:30am-noon: Starts in the Student Center Lobby

Barbecue

Noon-1pm in the Barbecue Pits (\$10)

Football Game

1pm-4pm in Steinbrenner Stadium

Homecoming Party

3pm-6pm on the steps of Kresge (rain: LaSala)

Cyprus Posters Show That Greek Fascism is Still Alive

Posters, from Page 6

on Enosis, the authors suggest "a unification of the island, like the tearing down of the Berlin Wall" to unite the two populations that had been separated so long.

Unfortunately anyone will recognize that in any case in history, an attempt to draw

analogies between two incidents may result in a total misrepresentation of the truth. Comparison between two seemingly alike but essentially different events is a tool frequently utilized by extremists in drawing desired conclusions which, not surprisingly, point in their direction.

The analogy presented by the creators of

the board is utterly misleading. The fall of the Berlin Wall not only represented the union of two large groups of people of the same ethnic background whose country had once been united and was segregated by the results of the Second World War; but it also represented the end of the long struggle of those crushed under the load of communism for decades to

achieve democracy.

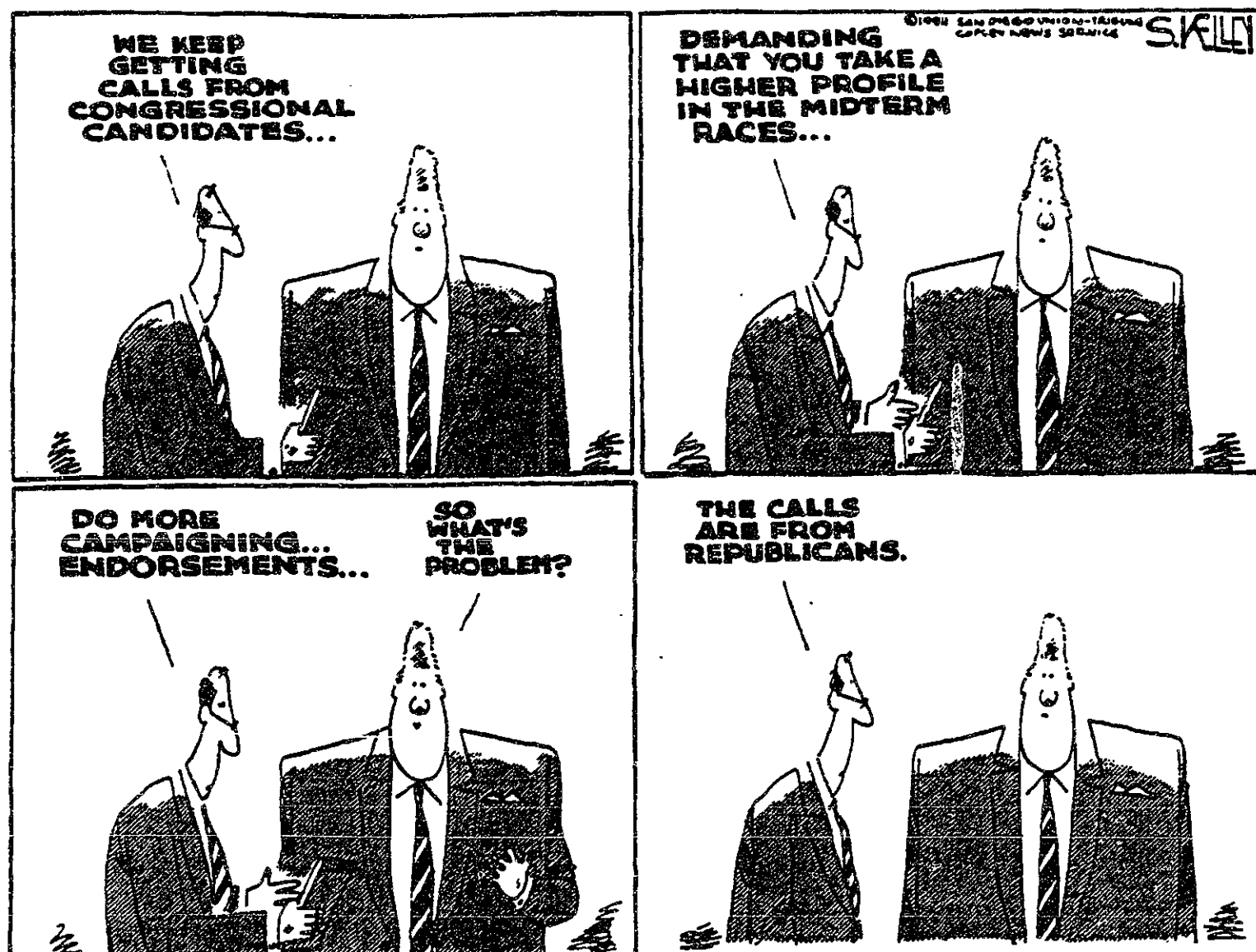
In the Cyprus case, we are dealing with different ethnic groups, who at no point in their history have shared a single independent and democratic nation status.

As the Turkish side, we acknowledge that both sides suffered a great deal as a result of the conflict between the two groups, such as those Cypriots from both ethnic groups who were dislocated and had to move North or South, leaving behind their homes, belongings, property, and sometimes even family members.

However, it should also be understood that it is also very difficult, if not impossible, for the Turkish side to forget the bloody EOKA (the terrorist organization supporting Enosis on the island) murders of children, women, and whole families of Turkish Cypriots in the 1960s, such as the killings of 24 Turks in Lefkose (Nicosia) in December 1963 and planned assaults against the Turkish villages of Gecitkale and Bogazici in November 1967. These were pieces of an organized attempt to eradicate the Turkish population. Despite all counterevidence, we still hope that our belief in a peaceful and democratic solution to the situation on the island is shared by the Greek Cypriot side.

There have always been people with extreme views and opinions in every community. But while heading into the 21st century in an age of democracy and tolerance, fascism or any other anti-democratic policy founded on any type of discrimination on the basis of race, culture, religion, or sex is not the way to reach compromise. Especially if what is put forward by one of the sides is the crumbled remains of a decayed, internationally, and officially despised policy of 30 years ago, with an attempt to keep it from falling apart by misrepresentation of reality and diversion from the truth.

There are always two sides to any story. Yet, no matter how understanding we try to be, it is offensive to come face to face with hatred, lies and racist remarks. Our consolation is our awareness that these views only reflect the opinions of some vocal extremist groups and not the majority of the Greek Cypriot community.



MIT Class of 1995 Career Fair

Friday, October 14, 1994

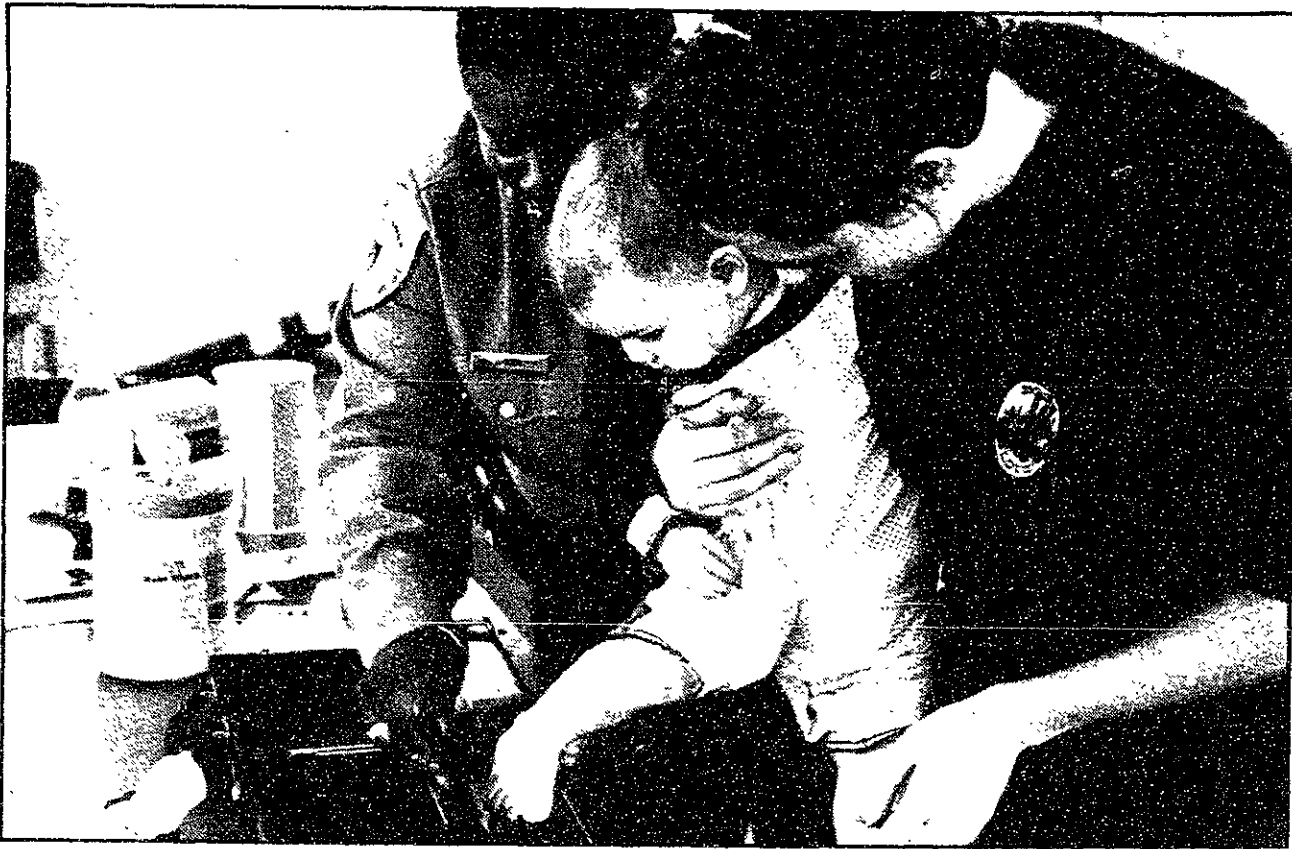
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A mother watches on as her child gets an inkprint for an ID packet Saturday afternoon in the Student Center lobby. This was for Project Kidcare, which was sponsored by the Campus Police.

Project America Aims For Community Spirit

By Jung Yoon Choi

Boston is one of many cities to take part in Saturday's Project America, a nationwide effort to promote community service, according to event co-founder Jorey E. Ramer '95.

The event will kick off at 10 a.m. in Eastman Court, which is the courtyard between the main building and Building 18, with a short speech by former Massachusetts Governor Michael S. Dukakis, said Michael H. Joo '95, one of the Project America Northeast regional directors. Students are invited to come hear Dukakis speak, Joo said.

"The goal of Project America is not just a one-day event of helping the community," said Interfraternity Council Philanthropy Chair Michael J. Negrete '96, who has been actively planning Boston's Project America events. "The goal is to have the participants get a different perspective on their community, to better understand what the homeless and the senior citizens are experiencing," he said.

"The event is open to anybody interested in helping out the Boston community," Ramer said. Students

from MIT, Harvard University, Boston University, Wellesley College, and Tufts University will be participating, he said.

"We're looking at a few hundred to attend the kickoff, but over 1,000 people to participate at over 50 sites in the Boston area," Joo said. Though people have preregistered to participate in the service events, others can still register Saturday morning, Joo said.

Project America participants will take part in various community services on Saturday, such as serving lunch at homeless shelters and performing basic maintenance projects at nursing homes, Negrete said.

Project began as a simple idea

Timothy Fazio, a student at Pennsylvania State University and a former high school classmate of Ramer, and Joseph Kohli, also of Penn State, are the other two founders of the nationwide project.

Ramer said that they first came up with the idea for Project America as seniors in high school. Fazio wanted to have a day dedicated to solving the nation's problems, Ramer said.

The idea developed into a cleanup day in their community, Ramer said. "I wanted people to help people," Ramer said.

Ramer continued to promote the idea of Project America after he arrived at MIT. A note he posted in his fraternity's national newsletter stating his interest in a nationwide community project led to a meeting between Ramer and a chief executive officer of Merrill Lynch Company, he said.

Merrill Lynch decided to give \$15,000 in seed money to Project America, Ramer said. At this point Ramer, Fazio, and Kohli decided to take some time off from college to focus on putting the project together, Ramer said.

Over the next year, they received the support of over 150 national organizations, Ramer said. BOKS, a division of Reebok, funded Project America's handbook, which contains over 50 ideas for community projects, he said. Project America also had an 1-800 number donated to it, he said.

Thousands of people across the nation will combine efforts to improve the welfare of various communities, Ramer said.

Currently, Project America has over 5,000 project leaders at schools and in cities as far away as Puerto Rico and the Virgin Islands, as well as throughout the continental United States, Ramer said.

Boston is the only city where the project is college student oriented, Ramer said. The other cities have people of all ages participating, he said.

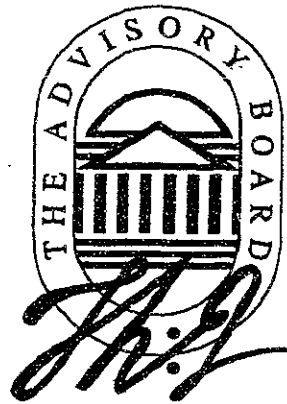
Christine J. Sonu is the other Project America Northeast regional director.

Ramy A. Arnaout '96 contributed to the reporting of this story.

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New Shows, Productions Highlight TV 36 Fall Season

by Ifung Lu
ASSOCIATE NEWS EDITOR

The Student Cable Group began its new broadcast season with an expanded lineup of shows.

MIT Cable Channel 36 now boasts a new television news magazine series called *Up the Infinite Corridor*, and features musical programs highlighting Logarithms performances, according to SCG President Phillip W. Tracadas '95.

The new programs complement programs that are already running, including the live call-in show about *Trek*, *Stayed Tuned*, and live broadcasts of the LEGO Robot Design (6.270) contest at the end of Independent Activities Period and the Introduction to Design (2.70) contest in the spring.

SCG will continue to televise public affairs programs and live and taped events of interest, Tracadas said. The group is trying to obtain equipment to automate tape switching during broadcasts, as well as to display text on the screen during 7-hours.

"We're going to try to have 24 hours of broadcasting," Tracadas said.

Two new series have already been produced. *Up the Infinite Corridor*, which airs on Tuesdays and Thursdays at 6:30 p.m., is a student

interest program that focuses on political, administrative, and student activities.

The show, brainchild of Jang D. Kim '96, debuted on Sept. 13 with a segment documenting the different aspects of life during Residence and Orientation Week. The program featured video interviews with students as well as commentary by Kim.

The next segment, which is currently under production, will focus on varsity sports, and footage will include this Saturday's football game.

Channel 36 will also broadcast a series of taped and live performances showcasing the all-male *capella* ensemble the Logarithms. Full-length concerts taped from last year will be rebroadcast on Oct. 12-14 in preparation for the live performance broadcast on Oct. 15. The concerts will be broadcast from a four-channel source that will allow for clear sound reproduction, Tracadas said.

The cable group plans to air *Quantum Geek* later this term. Although it is currently being written, this parody of the hit drama *Quantum Leap*, will poke fun at different stereotypes on campus.

According to SCG Vice-President of Facilities Eric L. McDonald G, who is writing the comedy, an

MIT student will leap into the bodies of various people on campus, creating awkward and often comical situations.

"ARA personnel, campus policemen, and professors of freshman classes are prime targets," McDonald said.

Quantum Geek will air at the end of the semester.

Students can produce shows

All the SCG programs aired on Channel 36 are written and produced by students. McDonald emphasized that the SCG is a non-profit, student-run organization that, in addition to providing Channel 36 to over 4,000 outlets via MIT Cable, focuses on providing interested people with the technology and training to produce and televise their own shows.

"We are an information hub. We coordinate writers to actors to directors and cameras," McDonald said.

Motivated students with the desire to produce a television program can obtain access to video cameras and video cassette recorders in 3/4 inch, Hi8, and VHS formats. Broadcast quality lighting, a new digital editing system, and a switcher system that allow for special effects to seamlessly integrate different sources are also available for program production, McDonald

said.

Creating your own show "can be as easy as checking out a camera and taping people, or it can get as complex as doing actual stage, setup, and lighting," Tracadas said.

"It all depends on the scope of the project," McDonald added.

Some ideas that both McDonald and Tracadas would like to see take form include an MIT version of *American Gladiators* and a version of *Cops* featuring the Campus Police.

Though the production of a show

involves a lot of work, the rewards are great, McDonald said. "If there's one person watching our shows, it's worth the effort."

Tracadas emphasized that the quality of what is seen on Channel 36 is mainly dependent on SCG membership. Because SCG is not affiliated with a communications department, students produce the programs for their own enjoyment.

"I think that the shows we do are better than some at communications schools because of the enthusiasm of students doing it," Tracadas said.






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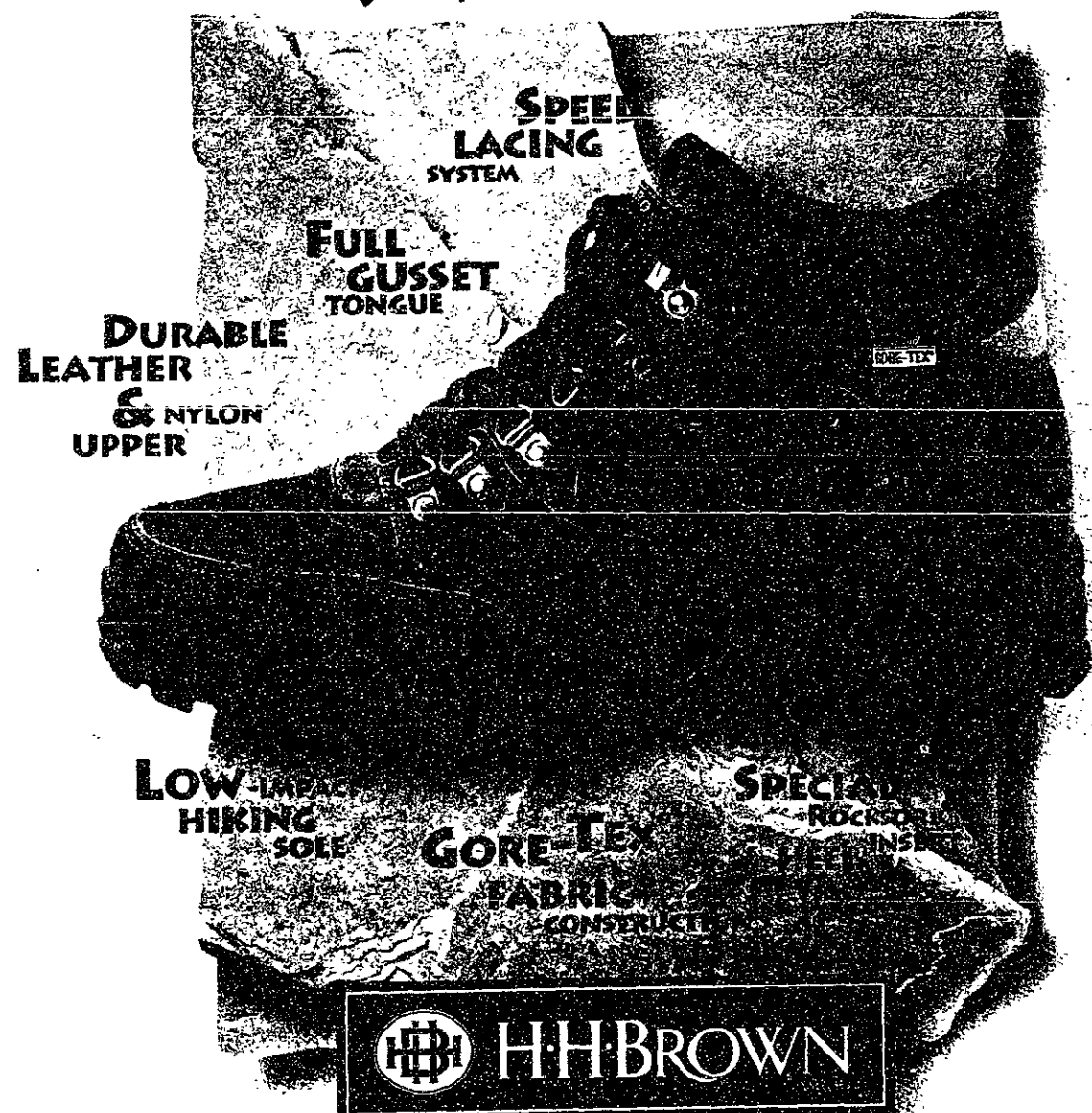
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Attorneys Say Case Will Set Precedent

LaMacchia, from Page 1

The document that was filed includes a motion to dismiss the indictment and a memorandum supporting this motion.

The motion reads: "David LaMacchia moves this Court to dismiss the indictment for failure to state an offense and on the ground the indictment unconstitutionally infringes upon LaMacchia's rights to due process of law under the Fifth Amendment, interests and values protected by the First Amendment, and the constitutional principle of separation of powers."

The memorandum challenges the conspiracy charge on two separate issues. One argument questions the relevance of the wire fraud laws; the second claims that LaMacchia is protected under the free speech clause of the First Amendment since he did not personally copy or upload any of the copyrighted software on the server.

In the memorandum, LaMacchia's counsel writes that the indictment invents a criminal charge by distorting the wire fraud statute "in order to circumvent Congress' decision not to apply a criminal sanction to LaMacchia's alleged conduct."

"The motion to dismiss argues that if activity such as David LaMacchia is charged with is to be prosecuted criminally, it has to be prosecuted under the right statute," Silverglate said. "Since the essence of the charge is that David misappropriated the intellectual property of other people, then he should be charged under our intellectual property statute, the Copyright Act," Silverglate said.

Under the copyright statute "there is no doubt that what David did was lawful," Silverglate said. Instead, the government charged LaMacchia with violating the federal wire fraud law because his allegedly fraudulent conduct was committed on telephone lines via modems, Silverglate said. The wire fraud law prohibits the use of the telephone system to perpetrate frauds, he said.

According to the document, "Even though the 'scheme to defraud' prohibited by the wire fraud statute is itself an inchoate offense, the indictment does not charge that LaMacchia committed, or even aided or abetted the commission of, wire fraud. Indeed, the indictment does not allege that LaMacchia personally copied or distributed any copyrighted software or that he was actually aware of the extent of such activity by others."

This was not a scheme to defraud, said Daffodil Tyminski, a paralegal who is working on the case. "The only thing [LaMacchia] could be charged with is copyright infringement," she said. However, copyright infringement is a civil matter, not a criminal matter, she added.

The pre-trial motion also considered free speech and free press protections, Silverglate said. "Playing fast and loose like this with criminal statutes creates a 'chilling effect' that will deter people like David — systems operators of computerized bulletin board systems — from engaging in First Amendment protected activity," he said.

"Since the operation of a computerized [bulletin board system] is a communicative activity, First Amendment concerns limit the extent to which blunderbuss criminal statutes and creative prosecutorial attempts at extending the reach of the criminal law may be tolerated by a court," according to the memorandum.

Case will set a precedent

Many observers of this case have noted that there are no legal precedents in this area.

Silverglate emphasized the importance of the case: "There have been very few 'computer fraud'

indictments brought, and we are testing the proposition that the Bill of Rights and their protections apply in cyberspace. This is a frontier for people who worry about civil liberties."

Whether the case is dismissed or goes to trial, there will definitely be an appeal, Tyminski said. "This will be a precedent-setting case, and because of that you'll have a lot of interest on both sides to get clearer laws out of this," she said.

If the trial is dismissed as Silverglate predicts, the government would then appeal the dismissal to the Court of Appeals for the First Circuit in Boston, Silverglate said.

The U.S. Attorney's office was expected to respond to the defense's motion by today, but the lawyers asked for a two-week extension last week, Silverglate said. The judge granted the extension, and their response is now due on Oct. 28, Silverglate said.

It is not certain if the trial date will now be postponed. The trial date was originally set for Nov. 28.

Philip G. Greenspun G, who worked with LaMacchia at the Artificial Intelligence Laboratory, has established a defense fund for him. So far, the fund has collected about \$7,400, Greenspun said.

'Baybank Bandit' Held Freshman at Gunpoint

Robber, from Page 1

footchase with the Harvard and Cambridge Police," Pasquarello said.

Dorch has been charged with one count each of armed robbery, kidnapping, armed assault with intent to rob, confining and placing a person in fear, and receiving stolen property, and three counts of breaking and entering, according to Jill Reilly, spokesperson for the district attorney's office, which is handling the case.

Dorch pleaded not guilty to the charges at an arraignment Wednesday morning in Cambridge District Court, Pasquarello said.

The charges stem from several of the robbery incidents and the house break on Tuesday, Reilly said. Dorch is also a suspect in five additional armed robberies in the area, she said.

Because several of the charges are felonies, the case must go to a grand jury which could decide to indict Dorch on one or more of the charges, Reilly said. Following an indictment, the case would move to Superior Court, she said.

As of yesterday, Dorch was being held without bail, Reilly said. The bail hearing is today, she said.

"I'm pretty glad he got caught," Johnson said. "It didn't look like he was going to stop."

Kupferberg said he was pleased with the speed of the capture of the suspect.

"I was surprised when the police had first expressed their confidence" in finding the robber, Kupferberg said. The police said that because the robber was so brazen, he would not be hard to catch, Kupferberg said.

"I hope they have plenty of evidence to put him away" when the case comes to trial, Kupferberg said.

"We're quite happy" with the arrest, said Chief of Campus Police Anne P. Glavin. Campus Police and members of the MIT community have been providing information to the Cambridge Police regarding the case, Glavin said.

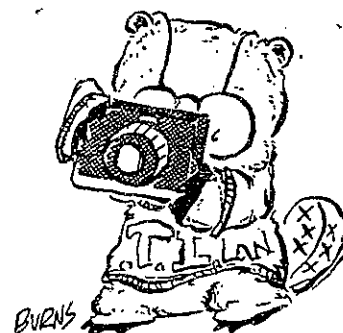
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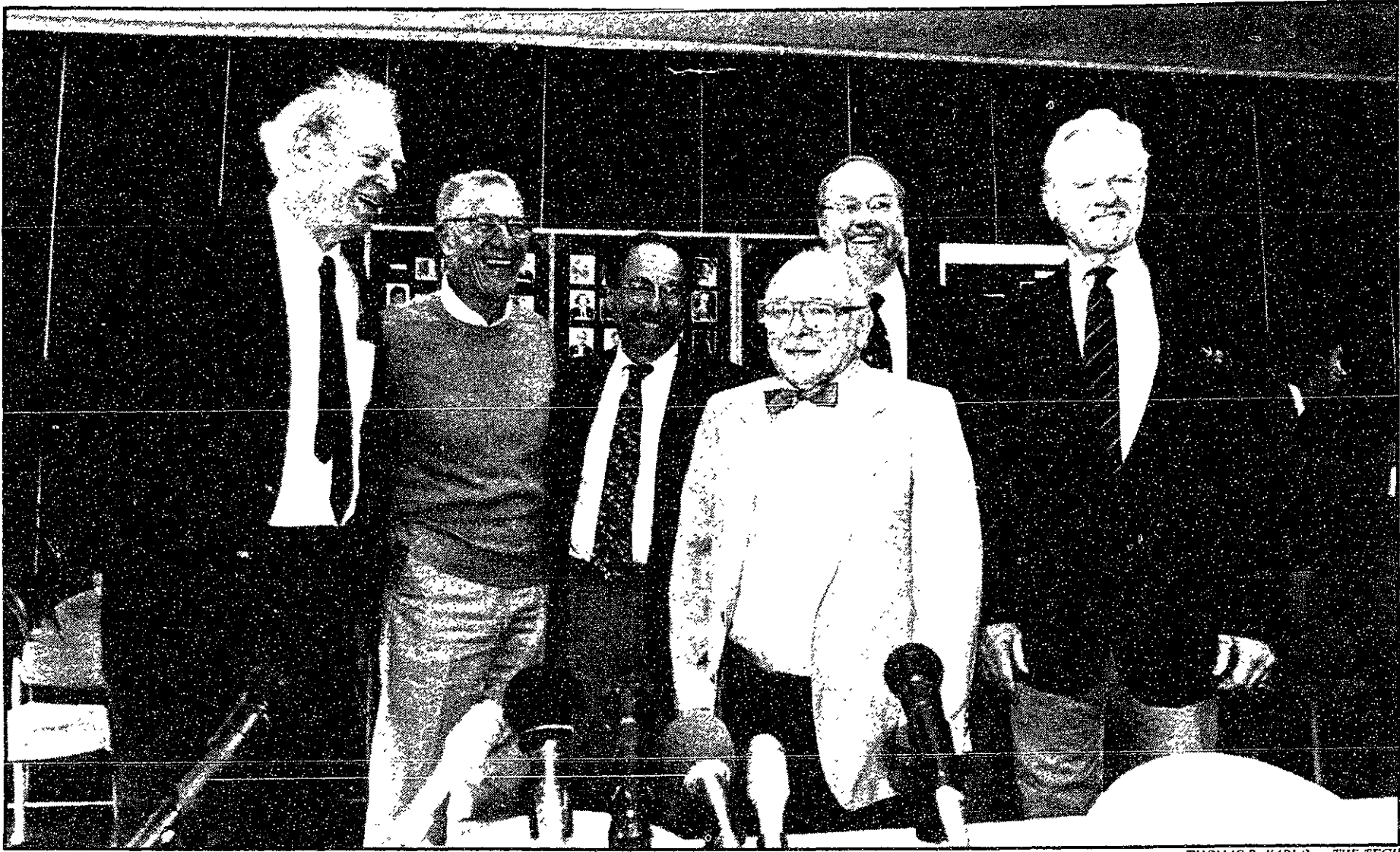
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Shull Awarded for Investigation of Neutron Scattering



Five MIT faculty Nobel laureates congratulate Shull on his award. From left, Jerome I. Friedman (physics), Robert M. Solow (economics), David Baltimore '61 (biology), Phillip A. Sharp (biology), and Henry W. Kendall (physics).

Shull, from Page 1

said. "Neutron scattering has proven to be the most important single technique for elucidating the structure and dynamics of solids and fluids," Birgeneau said. "Professors Shull and Brockhouse stand out as having made singular contributions which provide the essential foundations of the fields."

Neutron scattering provided new information not available from the earlier technique of X-ray diffraction, Shull said. Neutron scattering is particularly applicable to hydrogen atoms, he said.

Shull's discoveries have been used to advance research in many fields, including polymers and superconductivity, Shull said.

International effort

Birgeneau and Institute Professor Jerome I. Friedman, a 1990 Nobel winner, nominated Shull for the prize with the international support of leaders in the physics community, Birgeneau said.

People had been trying to successfully nominate Shull for 10 years, Birgeneau said. This year the effort succeeded because Birgeneau and Friedman were able to convince the international leaders to recognize Shull and Brockhouse as "real pioneers," he said.

As a researcher, Shull was "a quiet sort of a guy," said Anthony Nunes PhD '69, a former graduate student of Shull's. He was also "interested and proud of precision and being precise in every detail," Nunes said.

Besides being "a great scientist and a great teacher," Shull is also a "fine, warm human being," Birgeneau said.

Shull joins Friedman, Professor of Physics Henry W. Kendall, and Professor of Physics Samuel C.C. Ting as MIT physics Nobel laureates. Including Shull, 15 present or former faculty members have received Nobel prizes. One staff member and 11 alumni have also won Nobels.

Shull received a bachelor's of science degree in 1937 from the Carnegie Institute of Technology (now Carnegie Mellon University). He received a PhD in 1941 from New York University.

From 1941-46, Shull worked as a research physicist with the Texas Co. in Beacon, N.Y. Shull moved to Oak Ridge in 1946, and came to MIT as a full professor in 1955. He retired in 1986.

Shull and his wife of 56 years Martha-Nuel Summer live in Lexington. They have three sons: John C., Robert D., and William F. Shull.

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(This issue, on pages 21 & 23)

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Monty the mouse sighted in Lobdell



Tech photo by Vipul Bhushan

In a dramatic twist to an already bizarre story, Monty the mouse revealed that he is really an MIT student who consumed too much ARA food...



MIT
Cable News

"Apparently, Monty (formerly Jason Montgomery III, see below) was forced to eat ARA food for 10 days when he was accidentally locked inside Lobdell during spring break..."



File photo

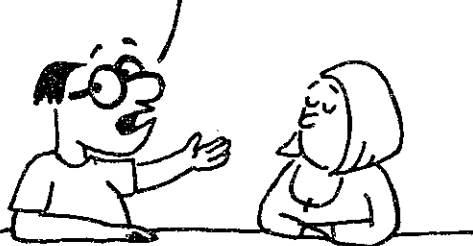
Jason Montgomery III

Monty's memoirs "Satanic Spices" hit the stands this Friday. ARA criticized the book as being "crass and blasphemous" and issued a 'fatwa' for Monty's head. Au Bon Pain has offered Monty temporary asylum.



MIT
Cable News

Scientists all over MIT are working to restore some measure of humanity to Monty - the hapless victim of ARA food. We have here Prof. Molly from Whitehead. She will share with us some preliminary results.

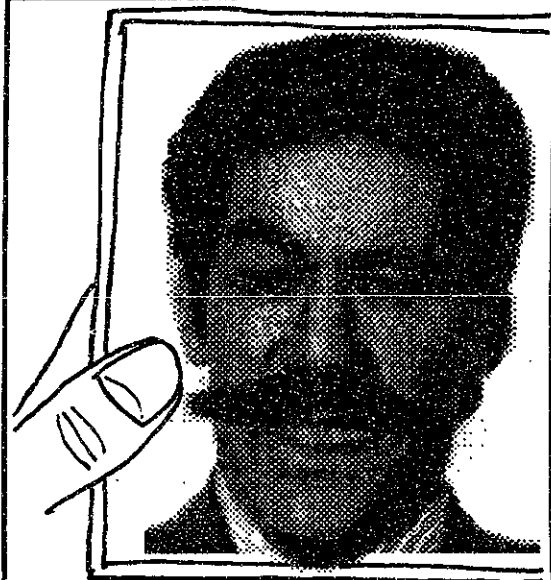


Prof. Molly, I believe you have a picture of Monty taken just this morning?

Um... yes. Here...



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UA Leadership Sets New Mood

UAC, from Page 1

UA],” said Stacey Wong ’98. “I think a lot of us are. We don’t know how things were run before [this year], but I think we’re ready for responsibility,” she said.

Ioannis Kymissis ’98 agreed. “I’ve seen other student government groups,” he said. “If you do not take it seriously ... it seems to contribute to total catastrophe, so I take what [Sankaran] says pretty seriously.”

“From what people said, the leadership seems to be trying to get back on track and do something significant,” Kymissis said.

However, while new members seemed ready for the challenge of government, not all reaction to the meeting was so positive.

Catherine Bae ’98 said, “There were a lot of questions on the tech-

nicalities of ... how to run.” Some attendees “didn’t know that people had to be living group members to be part of the Council,” she said.

The Council is made up of representatives from dormitories and independent living groups.

UAC seeks new mood

This year’s UA Leadership has been especially concerned with keeping the attention of new members, especially in light of the resignation of the current Floor Leader Rishi Shrivastava ’97. Shrivastava said he had become disillusioned in part with the UA’s inability to get things done last year.

“In past years the freshmen haven’t been that enthusiastic,” Sankaran said. “This year we started e-mailing freshmen and contacting them early. We’ve had a lot of good

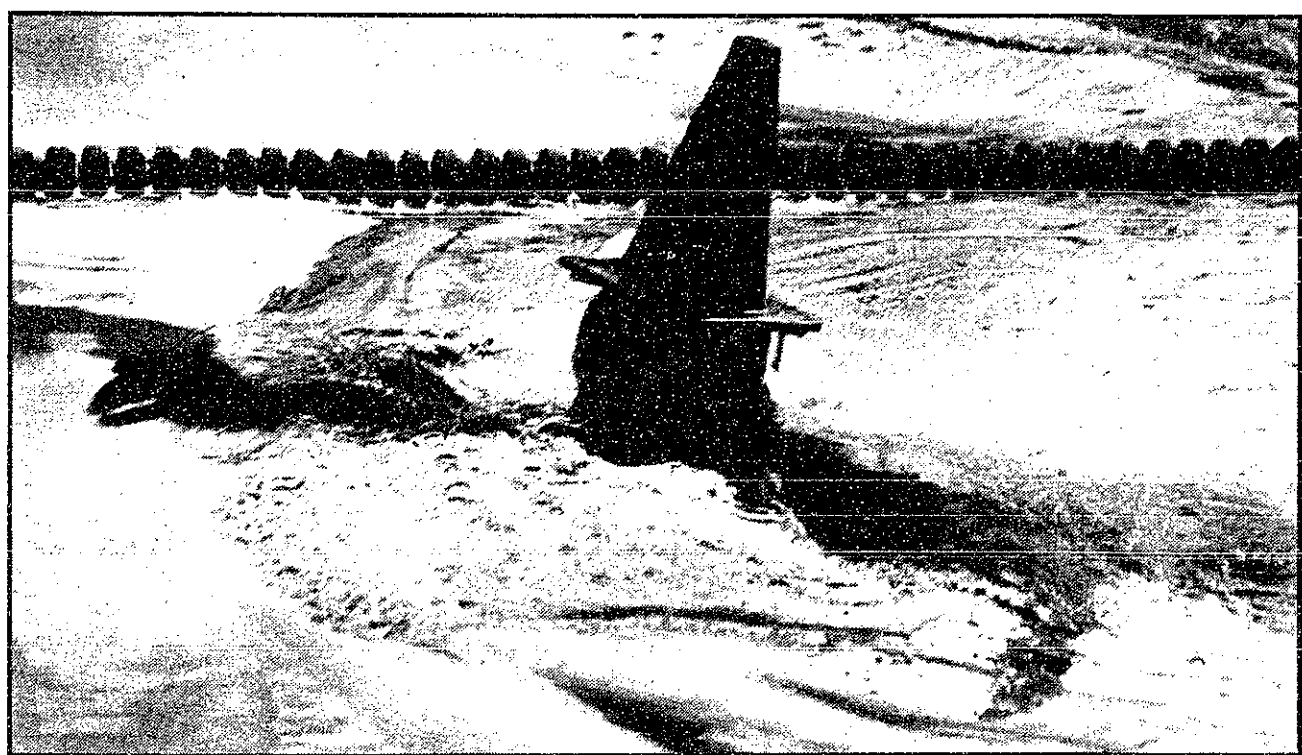
response,” he said. “We already have a full Council.”

The current leadership’s push to get students involved in and excited about student government seems to be working.

“We’ve had a lot of interest in committees [in general] and in the Executive Committee and Floor Leader and Vice Chair positions,” Sankaran said.

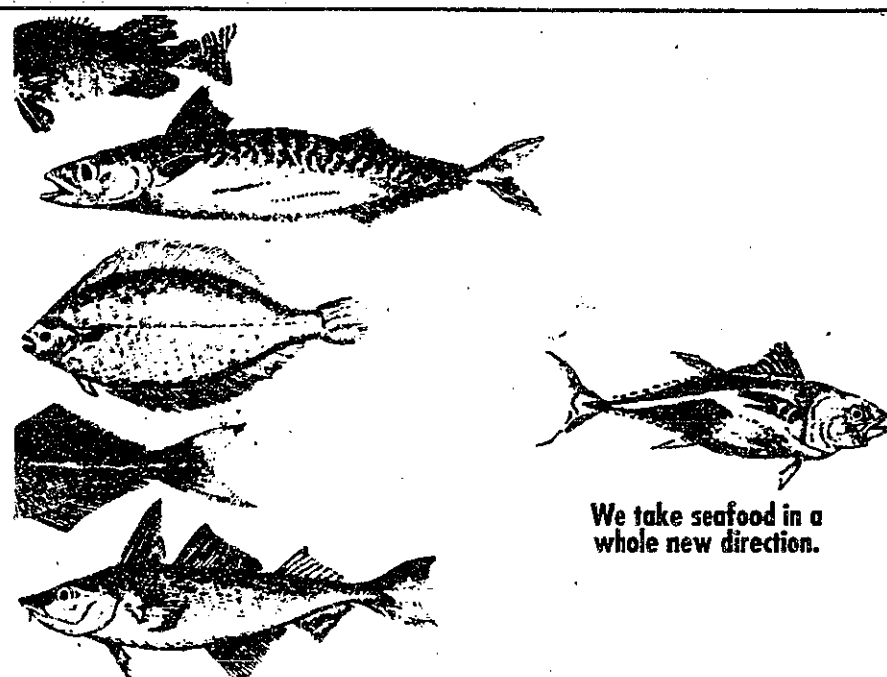
In keeping with this new hands-on attitude, the UA has established an electronic mail UA hotline, ua-complaints@mit.edu, “where anyone can send us any complaints, comments, or suggestions about issues on campus,” said UA Vice President Carrie R. Muh ’96.

“The major thing we want is to get the student body involved,” Muh said.



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THE ARTS

Tomei is radiant in formula romance of *Only You*

ONLY YOU

Directed by Norman Jewison.

Written by Diane Drake.

Starring Marisa Tomei, Robert Downey Jr.,

Bonnie Hunt, Joaquim de Almeida, and Fisher Stevens.

Loews Copley Place.

By Evelyn Kao

STAFF REPORTER

For a cold-hearted and mechanical-minded audience, *Only You* may be seen as yet another example of the *Sleepless in Seattle* genre, which is best avoided. Concerned with the universal topics of destiny, fate, and love, *Only You* is the story of Faith Corvatch (Marisa Tomei), a quirky school teacher from Pittsburgh.

The movie starts off with a flashback to an 11-year-old Faith playing with a Ouija board, when she finds out that her soulmate is someone named Damon Bradley. Fourteen years later, Faith is about to be married to a boring, stable podiatrist, but is having doubts. Her best friend and sister-in-law, Kate (Bonnie Hunt), is having problems with her husband Larry (Fisher Stevens). The extremely stereotyped characterizations and the men-are-scum attitude make for a shaky start, but luckily, things quickly take an interesting turn.

Faith and Kate escape their dead-end marital lifestyles when they flee to Italy, determined to track down Damon Bradley. This is

supposed to be Faith's last chance with destiny, and Kate's break from a loveless life. Together, they travel through the breathtaking country side where romance is all around. The Italy found in *Roman Holiday* and *A Room With a View* is exploited in all its glory; it is a movie of midnight walks, gondoliers, opera, palatial hotels, and elegant shoes.

While in Rome, Faith literally runs into Peter (Robert Downey, Jr.). He is immediately smitten. This comes as no surprise, as Marisa Tomei is extremely engaging as Faith. She alludes to the great on-screen actresses like Audrey Hepburn and Ava Gardner to draw in the audience. In *Only You*, her charm shows through, and with the help of designer Melana Cavinero's dresses, the viewer is helpless to resist.

Despite Peter's certainty that they were meant to be together, Faith is fixed on finding her "soulmate," Damon Bradley. The plot develops further when Kate meets Giovanni (Joaquim de Almeida), a suave Italian with a Ferrari, "who knows all the right things to say."

With the remainder of the film, director Norman Jewison light-heartedly pokes fun at the differences between Italy and the United States. The movie is not as predictable as you might think.

Only You is an amusing, enjoyable film. For those of us who are still hopeful romantics, it's a movie guaranteed to elicit a smile and a blissful attitude.



A case of mistaken identity brings Faith (Marisa Tomei) and Peter (Robert Downey Jr.) together in *Only You*, a romantic comedy that takes viewers to Venice, Rome and Italy's beautiful Amalfi coast.

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The Specialist resurrects the big, dumb action flick

THE SPECIALIST

Directed by Luis Llosa.

Written by Alexandra Seros.

Starring Sylvester Stallone, Sharon Stone, James Woods, Rod Steiger, and Eric Roberts. Loews Cheri.

By Teresa Esser

This latest in the long line of Stallone testosterone action flicks was everything that I expected it to be. It was a meaty movie, indeed, but that meat was so ground-up and re-processed that I had a hard time identifying it as art.

The movie followed a very standard agenda. Sharon Stone's character watches her parents get murdered, and later becomes obsessed with plotting the deaths of the three assailants. Sylvester Stallone is a professional killer who comes out of retirement because of the way Stone's voice sounds over the phone.

Can you guess what happens from there? Is Stone avenged? Can Stallone carry out three more routine killings?

But don't worry. There's more to *The Specialist* than the plot.

The Specialist is a movie of moments, of which "the cat" was my favorite. At the start of the film, a random cat begins to rub itself against Sly's leg. Sly bends down, picks it up, and takes it back to his apartment. (Bravo!) The cat shows up again and again throughout the movie once eating fresh fish that the grocery boy delivers and later chasing a rat up the wall as Sly puts some explosives together. The cat's stunt double is utilized at a crucial moment toward the end of the film, when the cat is required to jump down the safety hatch to escape from an exploding building.

Now, I know what you're thinking. Can't most animals take care of themselves? Yes, probably, but how many movies actually *show* the family pet escaping along with the

main characters? The producers of *The Specialist* went to great lengths to show the audience that their hero is a sensitive man in his own way. In the opening scene, for example, Sly doesn't want to blow up a bridge over a hydroelectric dam not because it would destroy the chief source of power for all the citizens of Bogota, Columbia, but because there is a *girl* in the drug dealer's car.

Later, he manages to justify a bus brawl (which ended with the villains being thrown through a bus window) because one of them refuses to give up the seat that Stallone had allocated to a pregnant woman.

Unfortunately, *The Specialist's* chivalrous writers gave their female characters some of the worst roles imaginable. Aside from the

murdered mother, a slew of prostitutes, and a single police-force underling, Sharon Stone plays the only female character. To make matters worse, Stone's character is largely a spineless victim. It was disappointing to realize that what started out as Stone's revenge scheme ends up as a feud between old army rivals. Why did Stone have to give herself away (yet again) as a cheap sexual object?

Some of the minor costuming details throughout the movie were, however, rather amusing. I found that I could predict some of the action in the film by paying careful attention to the Sharon Stone's clothes and hair. In the beginning, in the very opening scenes, Mae Munro/Adrian Rice/Sharon Stone is in control. She calls Stallone, thereby summon-

ing him from his "retirement." She alone convinces him to help track down her killers. Accordingly, the filmmakers dress her in white, specifically in the same white micro-tunic that she wore in *Basic Instinct*. She wears her hair pulled back in a tight ponytail, and she keeps her jaw set in a firm line.

Later in the film, when it is revealed that she was being used as a decoy by Stallone's personal enemy, she is shown in silver or brownish outfits. When she is being slapped around by the "bad" guy, her hair is messed up. Toward the end, as the explosive deaths build to a climax, Stone wears black in every scene, and her hair is neat. Her hair is neat regardless of the bombs exploding all around her, or the wind rushing past her on Sly's speedboat. What does it mean?

Conversely, Stallone's appearance remains constant during the entire movie. It doesn't matter whether he is taking out thugs on the city bus, or setting explosives between the swinging doors of a brothel. Morning or night, in the bedroom or in church, Stallone wears a white cotton tee-shirt and two days' stubble.

You've got to admire a man who can blow up buildings without turning to look at them. You've got to marvel at a man who can throw street thugs through reinforced bus windows without losing his breath. You won't believe that a human being could boil another in a lobster pot without breaking a sweat himself. But Stallone does! And miraculously, not *once* during the entire movie do Sly's armpits get stained!

Ah, Hollywood. You've got to love it. But you don't have to watch it.



Secretive explosives expert Ray Quick (Sylvester Stallone) and sultry May Munro (Sharon Stone) become dangerously involved in the sensual suspense thriller *The Specialist*.



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Der Mann im Mond showcases Expressionist stage

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September 17-19.

By Courtney Shiley

Some of you may remember the signs hanging in the halls a little while ago boldly announcing, "Theater Workshop! Take part in a theater presentation conducted in German, with Holger Teschke from the Berlin Ensemble!"

Organized by the members of the German section of the Department of Foreign Languages and Literatures and sponsored by the Goethe Institute, the workshop drew a dozen adventurous students who dared to perform a one-act play in German after only two rehearsals. Accompanied by Julia Ogrydziak on her violin, it was a wonderful piece, full of love, love triangles, violence, bloody suicides, and a touch of socialism. There was even a gravedigger — no, it had nothing to do with *Hamlet*.

The play depicts the state of the world in 1920. It allows the audience to imagine a time when the Great War was over and socialism was the political catchword of the day. Enter a

German fellow named Georg Britting (1891-1964) who wrote *Man in the Moon*, a one-act play in which an everyman named Sebald is introduced to socialism and consequently wants to get his own fair share out of life.

Waiting at a station for his girl to arrive, a train conductor asks the amorous Sebald what he knows about Karl Marx. Getting no satisfactory answer, the conductor equips Sebald with one sentence:

"Socialism wants everyone to get his fair share of this world." Sebald, suddenly interested, asks, "It looks like that could possibly happen this very night?" Although the answer is negative, Sebald tells his girlfriend about his newly-found hope only to lose her to others when she adopts his philosophy and shows him the other side of the coin: She tells him, "I want to give you your fair share, Sebald — 10 minutes and a dance. There are others who deserve shares of me as well." Trying to adapt to this new situation, Sebald then decides that if socialism gives others the right to his girl, it gives him the right to part of all other girls.

But that is not destined to be. "Kiss me, too," he says to a young embracing couple. "Why won't you kiss me, too? I have no girlfriend and I am entitled to my fair share." But the couple responds that "love cannot be shared." Bitter at his loss and disillusioned by the failure of socialism to improve his life, he asks a gravedigger to bury him. The gravedigger is a pragmatic fellow and tells poor Sebald that he only buries corpses. In despair

because of yet another injustice, Sebald commands the gravedigger to "get to work!" and shoots himself.

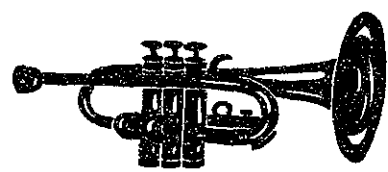
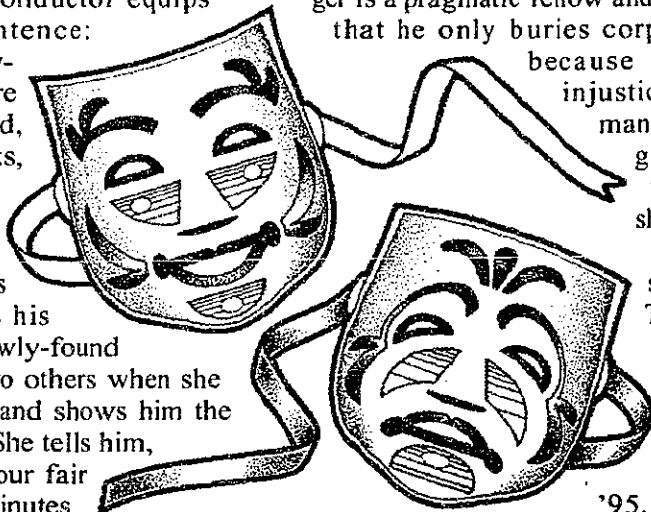
In this workshop, Holger Teschke along with Adrian Lingava (as Sebald) Ryan J. Kershner '98, Ken J. Lin '95, Beth Chapple, John M. Dykes '96, Neil T. Jenkins '97, Courtney Shiley '98, Bernard K. Khor '98, and Danai Kuangparichat '98 (along with visiting assistant German professor Bettina Brandt and theater arts lecturer Kermit

Dunkelberg) addressed two challenges. First, the troupe investigated the social relevance of a mostly-forgotten Expressionist theater piece to the modern world. While the problems inherent to socialism were obvious in 1920, this 1994 performance managed to engage a contemporary audience by using love as a tragicomic example to show that political philosophies can't right wrongs in all arenas.

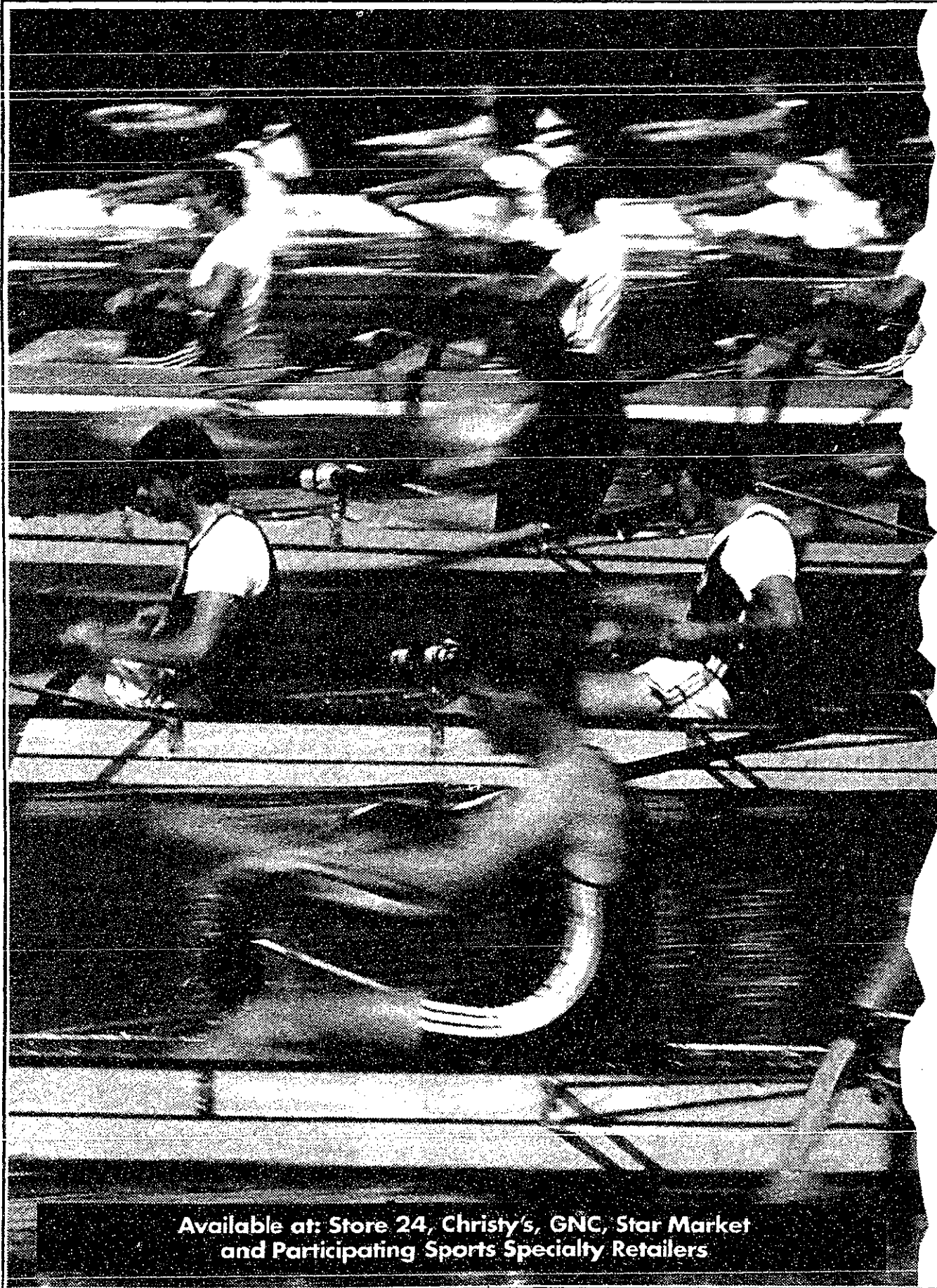
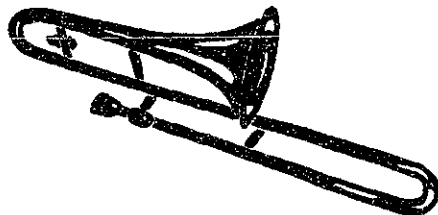
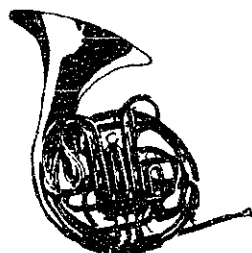
The second challenge the director faced was working with nonprofessional actors who were not all fluent in German. In tune with the tradition of theater workshops, he approached the play not as a complete performance, but rather a chance for the actors to experience and learn from new ideas.

Perhaps to compensate for the absence of a stage, or to fully engage the actors at all moments, the director created a mobile human wall at the edge of the cemetery, composed of actors not currently involved in a scene. The wall took an active part in the story, sometimes hugging Sebald, sometimes taking a more critical stand toward him and the other characters.

All told, this workshop was a great success. The students had fun rehearsing in a foreign language, and because of the ability of the director, a mostly inexperienced troupe performed a worthwhile premiere of Britting's *Man in the Moon*.



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ON THE SCREEN

— BY THE TECH ARTS STAFF —

★★★★: Excellent
 ★★★: Good
 ★★: Average
 ★: Poor

★★★ Natural Born Killers

Oliver Stone's latest film focuses on a marauding couple (Woody Harrelson and Juliette Lewis) whose sensational mass-killing spree catapults them into the national spotlight. Their lives are consequently exploited by a TV tabloid journalist (Robert Downey Jr.), a sadistic cop (Tom Sizemore), and a somewhat dimwitted prison warden (Tommy Lee Jones). All elements of justice and the media machine are represented as cartoonish caricatures, which degenerate as the film goes on: The main problem is the director's somewhat hypocritical attitude that fails to recognize that he is part of that same machine. The main attractions in the film are the hyperkinetic performances of the cast members, the excessive violence, and the bizarre, rapid-fire editing of picture and sound — all of which Stone executes brilliantly. By the end of the film, audiences will either revel in its visual audacity or deplore its apparent lack of message. — SD. Loews Cheri.



Woody Harrelson and Juliette Lewis star as Mickey and Maury Knox in Oliver Stone's satire examining violence, murder and the American media, *Natural Born Killers*.

★½ City Slickers II: The Legend of Curly's Gold

After the first *City Slickers*, this film is a terrible disappointment. It is nowhere near as amusing as the first, and the actors (Billy Crystal, Jack Palance, and Daniel Stern) have lost the charm that they had in the original. Palance's character, Duke — the twin brother of Curly — is badly written and a poor attempt to recapture the appeal that Curly had in the original film. Great cinematography and the addition of Jon Lovitz as Crystal's lazy brother each add a little to the film, but they aren't enough to save it from mediocrity. *LSC Saturday*.

★★½ The Crow

This action film casts the late Brandon Lee

as Eric Draven, a deceased musician who returns from the grave to exact revenge on his tormentors. By way of avenging the rape and murder of his girlfriend (on Halloween), he can finally achieve peace. However, his mission encounters a series of obstacles, namely a young girl whom he seeks to rescue from the dangers of the city, and the sadistic urban overlord/villain who proves to be a defiant match for Draven's supernatural immortality. It's tempting to try to like this film (almost too tempting, in fact), as the message of redemption is a truly sentimental one, and Lee's performance is impassioned as a mock angel of death. It also has a dark, *Batman*-influenced edge to most of its Gothic visuals, which is fine. In the end, though, the violence is far too excessive — even if it is expertly staged and

exhilarating. Watching this film is emotionally draining, and although that may be a relief compared with the vacuousness of other escapist action movies, it's not a *fun* movie to watch. — Scott Deskin. *LSC Friday*.

★★★★ Quiz Show

The quiz-show scandals of the 1950s forced America to probe the changing face of morality. Robert Redford directs this fresh look at television and honesty in an age of illusions and image-making. Excellent performances by Ralph Fiennes and John Turturro, as quiz-show contestants Charles Van Doren and Herbert Stempel, make this reality-based drama worth the contemplation and dissection of ethical issues amid the phoniness of television. — Craig K. Chang. *Loews Copley Place*.

★★★★ The Shawshank Redemption

This extraordinary movie about hope, friendship, and renewal in the face of suffering in life is much more heartfelt than its title suggests. Tim Robbins embodies the classic protagonist in Andy Dufresne, a banker who is imprisoned for two murders he swears he did not commit, and he is forced to face the abrasive reality of prison life. He eventually comes out of his shell and cultivates a friendship with Red (Morgan Freeman), whose connections inside the prison provide a neat counterpoint to Andy's own talents as a financial planner, which he eventually exploits to get on the good side of the prison guards. Through all of Andy's suffering in prison, he never loses the hope of being free, and this carries both Andy and Red through the tough times. This film transcends its short-story basis (originally written by Stephen King) with excellent performances and artful direction — it has "Oscar" written all over it. — John Jacobs. *Loews Copley Place*.

★★ Terminal Velocity

A suspense-action-comedy, in that order. The first few minutes *seem* terminal, but the film slowly picks up the pace. Charlie Sheen plays a daredevil skydiver who gets drawn into a battle against an international military conspiracy. Nastassja Kinski is the woman who tricks him into fighting KGB bad guys ("KG-used-to-be" agents) and foiling their money laundering scheme in Arizona. Fans of Charlie Sheen will see less of his characteristic humor because this film focuses more on suspense and action than on comedy. However, he has enough funny lines to make the action scenes more entertaining. *Terminal Velocity* doesn't have as many action scenes as *Speed*, but those it does have are very impressive. The plot is thin and seems unbelievable, but who goes to the movies for reality? The action and comedy recommend this film more than does its story. — Kamal Swamidoss. *Loews Copley Place*.

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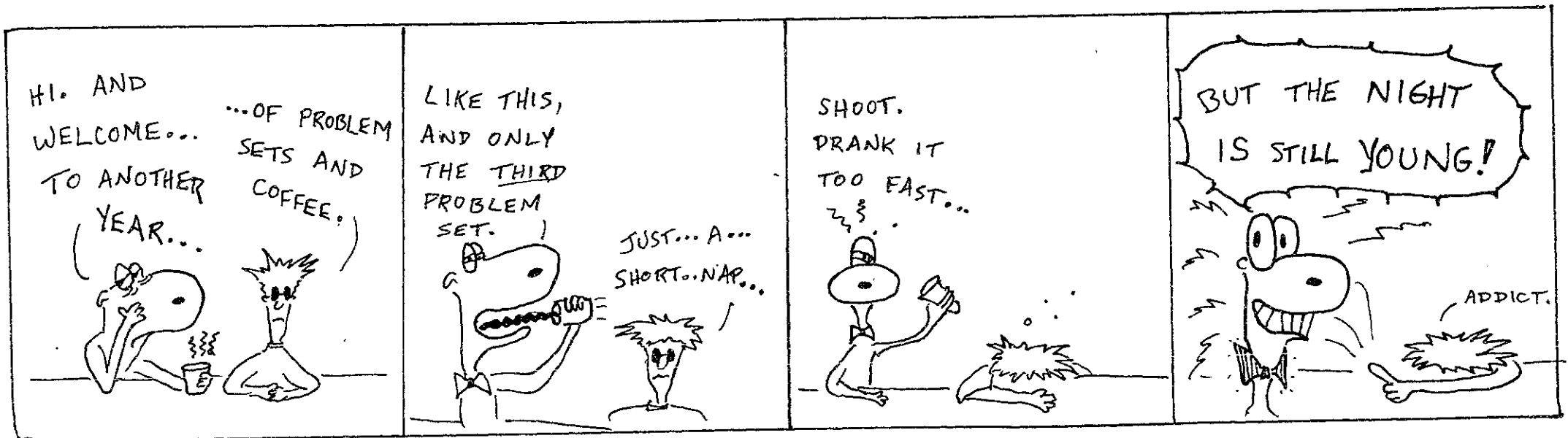
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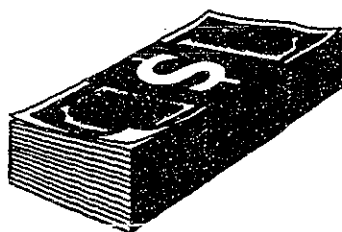
Firehose Tavern

By Mark P. Hurst

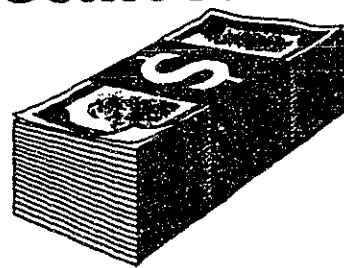


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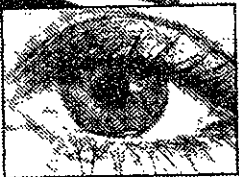
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Monday, October 17, 1994 from 6:00 p.m.-7:30 p.m.
77 Massachusetts Avenue, Main Building, Room 4-153
Refreshments to follow

Program opportunities exist in both our Boston and Dallas locations and focus on both Operations and Systems Development.

The Systems Company of Fidelity Investments® provides development, operations, and technology services to the business units of Fidelity Investments. We are currently recruiting graduating seniors for a select number of positions in the Systems Company Associates Program. The program includes four rotating assignments over a 24-month period in various system areas. It provides ongoing technical and business training as well as a one-to-one coaching relationship with a Systems Company Manager.

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Classical Music

MIT Artist-Behind-the-Desk Series
Killian Hall, 160 Memorial Dr. Detailed below in the Museums section. All performances start at noon. Information: 253-2826. Oct. 14: Ronni Schwartz, piano; works of Beethoven, Schumann, and Albeniz. Oct. 17: Jean King, composer of *Song for a Name*; performed by Susan Minor, piano. Oct. 18: Marshall Hughes, tenor; works of Beethoven, Schumann, and Gershwin — with Ellen Polansky, piano, and Perry Wagner, piano.

MIT Symphony Orchestra
Kresge Auditorium, 84 Mass. Ave. October 15, 8:30 p.m. Admission: \$3 at the door. Information: 253-2826. David Epstein, conductor. Program: Walton, *Viola Concerto* (with John Ito '93, soloist), and Beethoven, *Symphony No. 6, "Pastorale."*

BSO Supper Talk/Concert Series
Symphony Hall, 301 Massachusetts Ave., Boston. Oct. 13 & 18, 6 p.m. Admission: \$23, individual, or \$22 each when purchased for a series of three or more. Information: 266-1492. The Boston Symphony Orchestra continues its series of pre-concert events throughout the season. Supper precedes talks, which generally take place during the final course of the meal. Oct. 13: Marylou Speaker Churchill, BSO Principal Second Violin. Oct. 18: Brian Bell, Producer of the BSO Friday-afternoon WGBH-FM Broadcasts.

Boston Symphony Orchestra
Symphony Hall, 301 Massachusetts Ave., Boston. Oct. 14-15 & 18, 8 p.m. Admission: \$21-59. Information: 266-1492. BSO Music Director Seiji Ozawa leads the orchestra in two different programs. In the first, the orchestra performs an all-Berlioz program, which includes the Boston premiere of the recently-discovered "Messe Solennelle," which was believed to have been destroyed by the composer himself but recently surfaced in an autographed manuscript which he gave to a friend. The second program features pianist Ursula Oppens, who will perform a solo on Mozart's *Piano Concerto No. 14*, on a program with Brahms's *Symphony No. 4* and the Boston premiere of Japanese composer Toru Takemitsu's "Tree Line."

Federal Reserve Bank of Boston
Bank Auditorium, 600 Atlantic Ave., Boston (across from South Station). All performances start at 12:30 p.m. Information: 973-3453. Oct. 14: New England Conservatory Big Band, performing new and traditional jazz works. Oct. 20: Longy School of Music's Arden String Quartet will present an all-Schubert program.

All Newton Music School
321 Chestnut St., West Newton. Oct. 15, 8 p.m. Admission: \$25. Information: 527-4553. The Boston Composers String Quartet give a performance for the benefit of the BCSQ. The audience may explore diverse musical styles and the vintage wines that are presented.

Isabella Stewart Gardner Museum
280 The Fenway, Boston. All performances begin at 1:30 p.m. Admission (in addition to museum admission, see Museums below): \$4, general; \$2, members/seniors/students. Information: 566-1401. Oct. 15: Young Artists Showcase — Jeanine Bowman, mezzo-soprano. Oct. 16: Sunday Concert Series — Musicians from Marlboro.

Longy School of Music
Edward Pickman Concert Hall, 27 Garden St., Cambridge. All performances begin at 8 p.m. Admission (except where noted): \$10, general; \$5, students/seniors. Information: 876-0956 (except where noted). Oct. 16: Soprano Chloe Owen offers an evening of reminiscences, masterclass, and a short recital of her favorite song repertoire selections. Oct. 17: Pianist Alexandra Eames performs the music of Schubert and Schumann (call 212/831-6863). Oct. 18: Longy's Guest Artist Series presents the Cadek Trio: Bruce Murray, piano; J. Rattrick Rafferty, violin; Carito McCreery, cello. Program: Beethoven, *Piano Trio in G Major, Op. 1, No. 2*; Goosen, *Piano Trio* (1971); Smetana, *Trio in G Minor, Op. 15* (suggested donation: \$5).

Boston Conservatory
Seully Hall, 8 The Fenway, Boston. Both performances are at 8 p.m. Free admission. Information: 536-6340. Oct. 14-15: Popular opera scenes featuring Conservatory singers; Cecilia Schieve and Patricia Weinmann, directors. Oct. 17: The Boston Conservatory Orches-

On The Town

A weekly guide to the arts in Boston

October 14 - 20

Compiled by Scott Deskin

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

tra; Ronald Feldman, director. Program: Stravinsky, *Circus Polka*; Vaughan-Williams, *Fantasia on a Theme of Thomas Tallis*; Mendelssohn, *Scotch Symphony*.

Boston Conservatory Master Class
Seully Hall, 8 The Fenway, Boston. Oct. 16, 2-5 p.m. Sponsored by the Greater Boston Flute Association (GBFA). Admission: \$10; free for Conservatory students and GBFA members. Lecturer: flutist Samuel Baron.

Piano Recital
New England Conservatory, Jordan Hall, Boston. Oct. 16, 3 p.m. Admission: \$12-22, general; \$7, students (at the door). Information: 536-2412. The Van Cliburn Foundation and the Hamazkayin Armenian Educational and Cultural Society of Boston jointly present international prize-winning pianist Armen Babakhanian. Program: Haydn, *Sonata in B minor, Hob. XVI/32*; Franck, *Prelude, Chorale & Fugue*; Babakhanian, *Six Pictures for a Piano*; Gould, *Ghost Waltzes* (Boston premiere); Mussorgsky, *Pictures at an Exhibition*.

Boston University School for the Arts
SFA Concert Hall, 855 Commonwealth Ave., Boston. Oct. 18, 6 p.m. Free admission. Information: 353-3349. Program: *Ein Liedabend*.

Boston University School for the Arts
Tsai Performance Center, 685 Commonwealth Ave., Boston. Oct. 19, 8 p.m. Free admission. Information: 353-3349. SFA Faculty Concert: Bayle Keyes, violin, and Maria Clodes Jaguaribe, piano. Program: Beethoven, *Sonatas for Piano and Violin: Op. 24 in F Major, Op. 30, No. 1 in A Major, Op. 30, No. 2 in C Minor*.

MIT Chapel Concert Series
MIT Chapel, 77 Massachusetts Ave. Oct. 20, 12 noon. Information: 253-2906. The Cambridge Quartet: Elizabeth Abbate, violin; Barbara Englesberg, violin; Kenneth Stalberg, viola; Lynn Nowels, cello. Program: Beethoven's *String Quartet in B Major, Op. 130*, and Grosse's *Fuge, Op. 133*.

Tufts University, Department of Music
20 Professors Row, Tufts University, Medford. Oct. 20, 4 p.m. Information: 627-3564. Coffee Break Recitals by students and faculty of the Tufts community, held every Thursday through December. Alumnae Lounge, Tufts University, Medford. Oct. 20, 8 p.m. Free admission. Information: 627-3564. Tufts University Wind Ensemble; directed by John McCann.

Boston University School for the Arts
SFA Marshall Room, 855 Commonwealth Ave., Boston. Oct. 20, 8 p.m. Free admission. Information: 353-3349. SFA Faculty Concert: John Daverio, violin. Program: Arvo Part, *Fratres*; Andy Vores, Violin Sonata "Emma Lee"; Ernest Bloch, *Nigun*; Lou Harrison, *Grand Duo for violin and piano*; and a new work by Chris Culpo.

Jazz

MIT Family Weekend Concert
Kresge Auditorium, 84 Massachusetts Ave. Oct. 14, 7 p.m. Free admission. Information: 253-2826. MIT Concert Band, MIT Brass Ensemble, and MIT Festival Jazz Ensemble. Directors: John Corley, Lawrence Isaacson, and James O'Dell.

Bank of Boston Celebrity Series
Symphony Hall, 301 Massachusetts Ave., Boston. Oct. 16, 8 p.m. Admission: \$20-36. Information (tickets): CelebrityCharge at 482-6661, or Symphony Charge



"Silent History: Images of Israel," by Emily Corbató, is displayed at Rotch Library through December 16.

at 266-1200. The legendary Newport Jazz Festival troupe is on tour and has come to Boston. The program will include music from three great periods — New Orleans Jazz, Swing, and Bebop.

Wellesley College Fall Improvisation Fest
Jewett Auditorium, Wellesley. Oct. 16, 8 p.m. Free admission. Information: 283-2028. Latin Jazz with the Danilo Perez Quartet.

Popular Music

Kendall Cafe
233 Cardinal Medeiros Way, Cambridge. Admission: varies, see below. Information: 661-0993. Each week's will feature local and national artists including contemporary singer-songwriters, unprigged rock acts, blues and traditional folk. Oct. 14: Harvey Reld, Caryne Lynne opening. 8 p.m., \$6. Oct. 15: INTERNET QUARTET, Don White, Jabbering Trout, Jamie Notar Thomas, Hamellon Trial. 7:30 & 10 p.m., \$7. Oct. 17: Kendall Jazz with Mitch Seldman Trio. 7:30 p.m., free. Oct. 19: OPEN MIKE (featuring Barb Martin), sign-up starts 7:30 p.m. Voluntary "pass the hat" contribution. Oct. 20: Freddie White. 8 p.m., \$5.

Museum of Our National Heritage
33 Marrett Rd., Lexington. Oct. 16, 3 p.m. Admission: \$4. Information: 861-6559. "Let's Make Believe": vocal trio Ayriel presents songs of the Cocktail Era by Gershwin, Porter, and Kern.

The Middle East
472/480 Massachusetts Ave., Cambridge. Some shows have age limits. Admission: varies; tickets may be purchased in advance at Strawberries, the In Your Ear Northampton Box Office (1-800-THE-TICK), and the Middle East Box Office (Mon.-Sat., 10 a.m.-6 p.m.; call 492-5162 to charge tickets). Information: 497-0576. Oct. 14: Groovasaurus, Talking to Animals, Tracy Bonham (Upstairs, 19+, \$7); Luscious Jackson, Ben Harper, Grind (Downstairs, 19+, \$7-8); Hung Out to Dry (Bakery). Oct. 15: Thinking Feller's Union Local 282 (two 45-min. sets), Sexpod (fr. NY), The Lune (Up, 19+, \$7); The Selector, The Fenwicks, Allstonians, Mephiskaphetes (Down, 18+, \$8-9); Chris Trapper, Universal You (Bakery). Oct. 16: Off The Wall films (Up, 6:45-9:15 p.m., \$5); Lungfish, Meaghan McLaughlin, This Is Not Here (Up, 6:30 p.m., 19+, \$7); Door, Benefit for Local Documentary, nine bands — Kustomized, Tulips, Bratface, AC, Cheesecake, Dog, Shiva, Speedway, Bald Guys, Speed Queen (Down, 19+, \$6); The Ex's (Bakery). Oct. 17: David Gray, Charlie Chesterman (Up, 19+, \$5); Out Loud Theater Presents — Mavis (Down, 7:30 p.m., \$5); WMFO Unplugged with Mikey Dee (Bakery). Oct. 18: Kicking Giant, Built to Spill, Milkmoney, Jesus Christ Superfly (Up, 19+, \$7); Jawbox,

World Music

Jamaica Plain Firehouse Multicultural Art Center
659 Centre St., Jamaica Plain. Oct. 14, 8-10 p.m. Admission: \$5. Information: 524-3816. The Firehouse Cafe, open Friday nights, features an eclectic mix of music, words, art, and performance. This week, Dave Gilden's Cora Connection presents a night of Contemporary World-Music Fusion and a slide show about his recent trips to West Africa.

Mobius Artists Group: Outsider Music
354 Congress St., Boston (near South Station). Oct. 14-15, 8:30 p.m. Admission: \$10, general; \$8, students/seniors. Information: 542-7416. The musicians: Tom Pisek, trombone; Jon Damian, guitar and Rubbertelle; Mark Harvey, trumpet; and John Voight, bass. The performance will include solo pieces and ensemble music produced by the quartet, focusing on experimental music techniques.

Film

MIT Japanese Friday Night at the Flicks.
77 Massachusetts Ave., Rm. 1-390. Requested Donation: \$1-2. Information: 253-2839. Oct. 14: *Black Rain* (Shohei Imamura, 1988); 6:30 p.m. *The Seven Samurai* (Akira Kurosawa, 1950); 8:45 p.m.

MIT French Film Festival
77 Massachusetts Ave., Rm. 54-100. Free admission. Information: MIT Foreign Languages & Literatures Program; 253-4711. An apéritif is offered by the French Cultural Services on Oct. 14 at 6:30 p.m. Oct. 14: *Le Ciel de Paris* (Michel Béné, 1992); 7 p.m. *Et Dieu Crea la Femme* (And God Created Woman, Roger Vadim, 1956); 9 p.m. Oct. 15: *La Princesse de Clèves* (Jean Delannoy, 1961); 7 p.m. Oct. 20: *Le Lieu du Crime* (Site of the Crime, André Téchiné, 1986); 7 p.m. Program continues through Oct. 22.

MIT Women's Studies Program
77 Massachusetts Ave., Rm. 66-110. Oct. 20, 6 p.m. Information: 253-8844. The Women's Film Series will hold a screening for *The Joy Luck Club* (1993); snacks and discussion will follow the film.

Coolidge Corner Theatre
290 Harvard St., Brookline. Admission: Call for details. Information: 734-2501.

Oct. 14: *Saturday Night Fever* (John Badham, 1977) begins its run at the Coolidge as part of a John Travolta tribute, which acknowledges his career revival with the current release of *Pulp Fiction* (Quentin Tarantino, 1994). Call for showtimes.

Brattle Theatre
40 Brattle St., Harvard Square, Cambridge. Admission: \$6 for all shows; \$4 for Brattle members; \$3 for seniors/children under 12. Information: 876-6837.

Special Engagements. Oct. 14-15: *Drunken Master II* (Lau Kar-leung, 1994); 3:40, 7:55, 10 p.m. *Drunken Master* (Yuen Wuping, 1978); 1:30 (Sat. only), 5:45 p.m. **First Annual Rain Forest Film Festival.** Oct. 16: *Listen, Caracas* (Carlos Azpurua, 1979), *Tong Tana: A Journey into the Heart of the Borneo Rain Forest* (1990), and *Anima Mundi* (Godfrey Reggio, 1991); begins at 1 p.m. *Fitzcarraldo* (Werner Herzog, 1982); 5:15, 8:15 p.m. *Watching the Detectives.* Oct. 17: *Father Brown* (Robert Hamer, 1954); 4:15, 7:30 p.m. *Meet Nero Wolfe* (Herbert Biberman, 1936); 6, 9:15 p.m. **The Fifty Greatest Cartoons.** Oct. 18: *Cartoon Program III* (various artists); 7:45, 9:30 p.m. **More Recent Raves. Reflections on German Cinema.** Oct. 19: *Wittgenstein* (Derek Jarman, 1993); 8, 9:30 p.m.

French Library and Cultural Center, Ciné Club
53 Marlborough St., Boston. Admission: \$5, \$4 for members. Information: 266-4351. All screenings are Fri.-Sat., 8 p.m., or Sun., 7 p.m. The Ciné Club presents a retrospective of the career of French actor Jean Gabin, lasting through December. Oct. 14-16: *Quai des Brumes* (Port of Shadows, Marcel Carné, 1938).

Harvard-Epworth Film Series
Harvard-Epworth United Methodist Church, 1555 Massachusetts Ave., Cambridge. All screenings are at 8 p.m. Information: 354-0837. Oct. 16: *The Nut* (1921), starring Douglas Fairbanks and Marguerite de la Motte. The film will be accompanied by Rob Humphreys at the piano.

Museum of Fine Arts
465 Huntington Ave., Boston. All films screened in Remis Auditorium. Unless otherwise noted, admission is \$6.50, \$5.50 for MFA members/students/seniors. Information: 267-9300.

Film Photographers. Oct. 15: *Bernice Abbott: A View of the 20th Century* (Kay Weaver and Martha Wheelock, 1992) and *Atget* (narrated by Bernice Abbott, 1967); begins at 1 p.m. (also showing on Oct. 20 at 5 p.m.). **The Legacy of Alan Clarke.** Oct. 14: *Road* (Alan Clarke, 1987); 5:15 p.m. *Rita, Sue, and Bob Too* (Clarke, 1987); 6:30 p.m. **Festival of Films from Iran.** Oct. 14: *From Karkeh to Rhein* (Ebrahim Hatamikia, 1993); 8:15 p.m. Oct. 15: *What Else is New?* (Tahmineh Milani, 1993); 3 p.m. **Homage to French Animated Film.** Oct. 15: *Tale of the Fox and Scarecrow* (Vladislav Starevich, 1931 and 1926); 11 a.m. Oct. 20: *War and Peace: Satire and Great Causes* (various artists, 1967); 8:30 p.m.

Theater Openings

"Intoxicating ... an eco-cabaret"
Through Oct. 22 at the Cambridge Multicultural Arts Center, 41 Second St., Cambridge, and Oct. 26-29 at the Arlington Center for the Arts: Wed.-Sat., 8 p.m. Admission: \$17, general (day-of-show); \$15 general (advance); \$8, students/seniors. Information: 643-6916. The Underground Rail-

way Theater presents this original satiric comedy about environmental justice and the foibles of modern society.

"The Gospel Truth"

Strand Theater, 543 Columbia Rd., Dorchester. Oct. 14-16: Fri.-Sat., 8 p.m.; Sat.-Sun., 3:30 p.m.; Sun., 7:30 p.m. Admission: \$19.50-22.50. Information: 282-8000. This uplifting Gospel musical tells the story of a father and son, both ministers, whose philosophical differences create a rift between them. It showcases a Motown-inspired score with some high-energy gospel numbers.

"Bare Essentials"

Dance Complex, 536 Massachusetts Ave., Cambridge. Oct. 14-Nov. 13: Fri.-Sun., 8 p.m. Admission: \$15; group/student/senior discounts available. Information: 497-7070. Actress-comedian-dancer Daena Giardella returns to Boston in her one-woman show which offers a comic and provocative look at the challenge of being human.

"The God of Isaac"

Spingold Theater, Brandeis University, Waltham. Oct. 18-30: all shows (through Oct. 22) at 8 p.m. Admission: \$7-11. Information: 736-3400. The widely-acclaimed comic and big-hearted tale of a young man's struggle with his Jewish identity.

"Grand Hotel"

Boston Conservatory Theater, 31 Hemenway St., Boston. Oct. 20-23: Thu.-Sat., 8 p.m.; Sat.-Sun., 2 p.m.; Sun. 7 p.m. Admission: \$15, general; \$10, students/seniors. Information: 536-6340. The popular musical melodrama (book by Luther Davis, songs by Robert Wright and George Forrest), directed by Paul Daigneault.

Ongoing Theater

"Mort Sahl's America"

Cambridge Theatre Company, Hasty Pudding Theater, 12 Holyoke St., Harvard Square, Cambridge. Through Oct. 16: Fri., 7:30 & 9:45 p.m.; Sat., 7 & 9:15 p.m.; Sun., 7 p.m. Admission: \$25, general; \$22.50, students/seniors. Information: 496-8400. Comic Mort Sahl's show, which touches topics from Watergate to Whitewater, Roseanne Arnold to Rush Limbaugh, and other topics, comes to Boston in its original, irreverent off-Broadway incarnation.

"The Hermit of Chestnut Hill"

Charlestown Working Theater, 442 Bunker Hill St., Charlestown. Through Oct. 16: Fri.-Sat., 8 p.m.; Sun., 7 p.m. Ticket prices and information: 242-3285. This two-character play with music is about a free-spirited but troubled college girl, Sam, and her relationship with Bill, a town hermit. Play written by Lauren Hailal, who also composed and will perform the music, a progressive folk rock score.

"The Philanderer"

The Lyric Stage, 140 Clarendon St., Copley Square, Boston. Through Oct. 23: Wed.-Fri., 8 p.m.; Sat., 5 & 8:30 p.m.; Sun., 2 p.m.; two Thu. matinees, Oct. 13 & 20, 2 p.m. Admission: \$17-26; senior/student/group discounts available. Information: 437-7172. George Bernard Shaw's comedy of advanced ideas conflicting with old-fashioned love, depicting the actions of the title character caught in a romantic triangle.

"Six Characters in Search of an Author"

Brandeis University, Spingold Theater, Waltham. Through Oct. 16: Wed., Fri.-Sat., 8 p.m.; Sun., 2 & 7 p.m. (Oct. 16, 2 p.m. only); Thu., 10 a.m. Admission: \$7-11. Information: 736-3400. Luigi Pirandello's influential masterpiece of modern theater, in which the edges of reality and illusion blur when a troupe of actors encounters a wandering group of fictional characters.

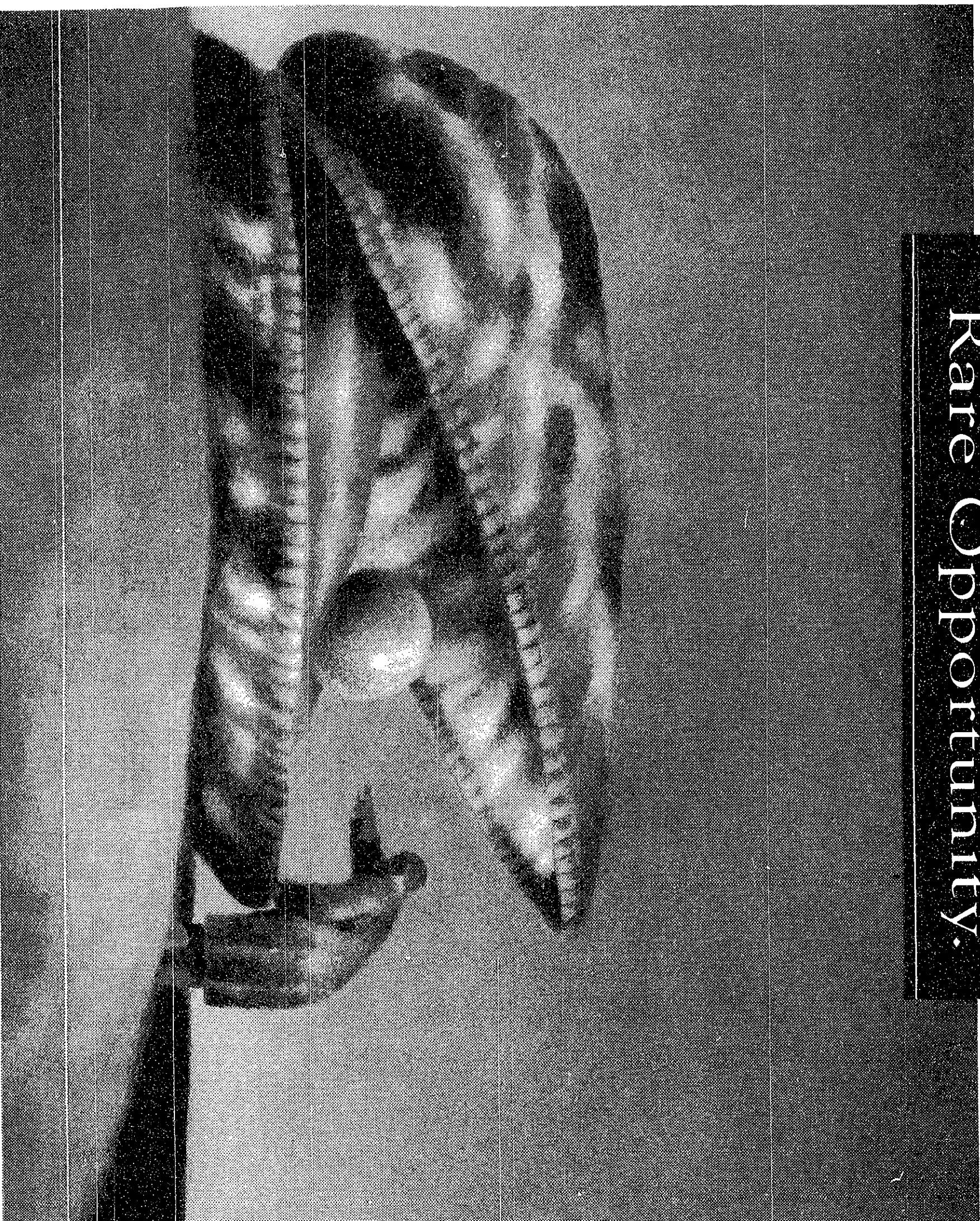
"Twelfth Night"

Boston Center for the Arts Theatre, 539 Tremont St., Boston. Through Oct. 23: Thu.-Sat., 8 p.m.; Sun., 7 p.m. Admission: \$18.25 on Sat.; \$15.25 all other days. Information: 695-0659. The Coyote Theatre presents a story based on the play by Shakespeare, but newly conceived by writers Rob Hanning and Randy Weiner as a "new, hip-hop, rap musical." The show combines the best of today's popular culture — rap to rave, garage to grunge — with the Bard's celebration of first love.

"The Lisbon Traviata"

Paramount Penthouse, 58 Berke-

Rare Opportunity.



Open Presentation and Reception

Wednesday, October 26, 6:00 pm

Cambridge Marriott Hotel / Dress is casual.

Come and talk with our representatives from:

Europe, Global Investment Management,

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LEAD FROM STRENGTH.

ley St., Boston. Through Oct. 29: Wed.-Sat., 8 p.m.; Sun. matinees, Oct. 16 & 23, 3 p.m. Admission: \$15; \$10 for students; \$25 for gala opening night on Oct. 8, which includes a champagne reception after the performance. Information: 426-3550. Terrence McNally's "midnight-dark comedy," in which musical highlights infuse a dramatic portrait of passion and jealousy.

"The Misanthrope"

New Repertory Theatre, 54 Lincoln St. (close to Newton Highlands stop on the Riverside 'D' Green Line), Newton Highlands. Through Oct. 30: Wed., 2 & 7 p.m.; Thur.-Fri., 8 p.m.; Sat., 5 & 8:30 p.m.; Sun., 3 & 7:30 p.m. Admission: \$14-26. Information: 332-1646. A modern-day adaptation of Molière's play, translated and written by Neil Barlett, this comedy shines with wit and bite. Sexual tensions, explosive egos, and dangerous deceptions simmer to a comic boil in an event-filled evening as troubled Alceste vies for the love of beautiful, unattainable Celimene.

Dance

Boston Dance Company

Cambridge Rindge & Latin Auditorium, between Broadway and Cambridge Sts., Harvard Square. Oct. 14-16: Fri.-Sat., 8 p.m.; Sun., 2 p.m. Admission: \$10, general; \$6, students/seniors. Information: 436-6369. "Dance Visionaries of the 20th Century," starring Edra Toth and Stephanie Moy, and featuring Tzy Chiahn Dai, a soloist with the New England Conservatory Chamber String Orchestra. Works by Ruth St. Denis, Isadora Duncan, George Balanchine, plus additional choreography by Beth Soll and James Reardon, will be performed.

Boston Ballet

Wang Center for the Performing Arts, 270 Tremont St., Boston. Through Oct. 30: times vary, call for details. Admission: \$12-62; student rush tickets available a half-hour before showtime for \$12. Information: 695-6950. The company performs *Giselle*, a passionate story of tender love and cruel betrayal, idealized as the pinnacle of the Romantic Ballet Era, first performed in 1841.

Comedy

ImprovBoston

Back Alley Theater, 1253 Cambridge St., Cambridge. Ongoing: Fri.-Sat., 8 p.m.; Sat., 10:30 p.m. Admission: \$10; \$5 with college I.D. Information: 641-1710. The area's longest-standing improvisational comedy group (12 years old) continues with a new season, composed of funny, energetic, creative performers who create scenes, dialogue, and characters on the spot, based entirely on audience suggestions.

The Comedy Project

Hong Kong Restaurant, Third Floor, 1236 Massachusetts Ave., Cambridge. Ongoing: Fri.-Sat., 9 p.m. Admission: \$10. Information: 247-1110. "The Big Time Comedy Project Show," dinner and dancing available. Featured in October: Mike Bent, appearing in his first one-man show, "Halloween Hijinks."

Poetry and Prose

Grolier Poetry Reading Series

Adams House, Entry C, 26 Plympton St., Harvard Square, Cambridge. Oct. 18, 7:30 p.m. Donations requested. Information: 547-4648. Kevin Bowen, Martin Espada, Cheryl Savageau, and Tino Villanueva will read from the Curstone anthology, *Poetry Like Bread: Poets of the Political Imagination*.

MIT Artists-Behind-the-Desk Series

Killian Hall, 160 Memorial Dr. Detailed below in the **Museums** section. All performances start at noon. Information: 253-2826. Oct. 19: Clara Diebold reading *The Mother Holds Us* (fiction/poetry).

Lectures

John F. Kennedy Library Public Forum

JFK Library, Columbia Point, Boston. Free admission; reserva-

tions recommended, call 929-4571. Information: 929-4553 or 929-4554. Oct. 16, 1:30-3:30 p.m.: "The Volunteerism Imperative: Meeting the Challenge Locally and Internationally," an evaluation of the Peace Corps extension to American cities, known as "AmeriCorps." Oct. 18, 6-9 p.m.: "Harbor Visions: Bringing the City to the Sea," a look at the city-planning aspects of the cleaning of Boston Harbor.

Museum of Fine Arts

Remis Auditorium, 465 Huntington Ave., Boston. Oct. 16, 3 p.m. Free tickets required for admission and are available at the box office one hour before each program. Information: 267-9300 x300. "With Edward Weston in California: A Photographic Adventure." Charis Wilson will reminisce about her experiences as companion, journal writer, and record keeper to photographer Edward Weston during their two years of travel on a Guggenheim Fellowship from 1937 to 1939. The work produced during this adventure is seen in the exhibition, "Weston's Westons: California and the West," currently on view.

An Evening with Lily Tomlin and Jane Wagner

Kresge Auditorium, 84 Massachusetts Ave. Oct. 30, 8 p.m. Admission: \$10, general; \$3 for MIT community members. Tickets may be purchased in advance at the MIT Museum Shop in the MIT Student Center. Information: 258-8410. Comedienne Lily Tomlin and writer/director Jane Wagner, renowned for stage and screen collaborations including the award-winning play *The Search for Signs of Intelligent Life in the Universe*, will discuss aspects of their creative collaborations in response to representatives of MIT's Women's Studies and Theater Arts Programs.

Exhibits

MIT Museum

265 Massachusetts Ave. Tue.-Fri., 9 a.m.-5 p.m.; Sat.-Sun., 1-5 p.m. Free to members of the MIT community, seniors, and children under 12. For all others there is a requested donation of \$3. Information: 253-4444.

"Holography: Artists and Inventors." The Museum of Holography Moves to MIT.

"Crazy After Calculus: Humor at MIT." The history of MIT "hacks." "Doc Edgerton: Stopping Time." Photographs, instruments and memorabilia documenting the invention and use of the strobe light by the late Harold E. Edgerton ScD '27.

"Light Sculptures by Bill Parker '74." Vivid interactive light sculptures, each with its own personality and set of moods.

"Math in 3D: Geometric Sculptures by Morton G. Bradley Jr." Colorful revolving sculptures based on mathematical formulae. "MathSpace." Hands-on exploration of geometry is the theme as visitors tinker with math playthings. Ongoing.

"MIT Hall of Hacks." Reopening of the exhibition which chronicles MIT's rich history of wit and wizardry, featuring historic photographs and a fascinating collection of artifacts, including props used in the recent police-car-on-the-dome hack. Ongoing.

Strobe Alley

Ongoing. Information: 253-4444. "Optical Alchemy." Full-color fluorescent photographs of corals and anemones by Charles H. Mazel SM '76, a research engineer in the Department of Ocean Engineering, taken at night during underwater dives. Matched pairs of images offer a comparison between the subject under "normal" reflected-light photography and under illumination with ultraviolet light.

Hart Nautical Gallery

55 Massachusetts Ave. Ongoing. "Course 13, 1893-1993: From Naval Architecture to Ocean Engineering." Exhibition includes historic photos, models, and computer graphics and highlights a sampling of current research including that performed by the department for Bill Koch's '62 successful America's Cup campaign with *America* 3. "Permanent Exhibition of Ship Models." Models which illustrate the evolution of ship design from the 16th century through the 20th century.

MIT Presents: Artists Behind the Desk

Concerts and readings held at Killian Hall, 160 Memorial Dr. Through Nov. 4: Mon.-Wed. & Fri., 12 noon-1 p.m. Exhibition held at the Compton Gallery, 77 Massa-

On The Town

chusetts Ave., Building 10. Through Nov. 4: Mon.-Fri., 9 a.m.-5 p.m.; Sat., 12 noon-4 p.m. A juried arts exhibition featuring the work of 22 MIT Support Staff members. The show will include media ranging from oil paintings to sculptures to quilts. In conjunction with the exhibition, concerts and staged readings will be held in Killian Hall during the month of October. The series, dedicated to the memory of former Vice President Constantine B. Simonides '57, aims to heighten the awareness of the MIT community to the talents of the support staff at MIT.

List Visual Arts Center

20 Ames St. Hours: Tue., Thu. and Fri., 12 noon-6 p.m.; Wed., 12 noon-8 p.m.; Sat.-Sun., 1-5 p.m. Information: 253-4680.

"MRC 50s/90s." Retrospective exhibition of the work of Muriel Cooper, graphic designer and pioneer in the field of design for information-rich electronic environments. Professor Cooper, who died May 26, cofounded and

Hours: Mon.-Fri., 8 a.m.-5 p.m. Through Nov. 10. Information: Michelle Fiorenza, 253-9455. "Sculptures by Glen Urban." Exhibit of works by the dean of the Sloan School of Management.

Rotch Library Visual Collections

77 Massachusetts Ave., Rm. 7-304. Opening reception: Oct. 18, 3:30-5 p.m. Information: 253-7098. Through Dec. 16: "Silent History: Images of Israel," by Emily Corbató, photographer.

The Computer Museum

300 Congress St., Boston. Hours: Tue.-Sun., 10 a.m.-5 p.m. (closed Mondays). Admission: \$7, \$5 for students/seniors, free for members and children four and under; half-price, Sun. 3-5 p.m. Information: 423-6758 or 426-2800 x310.

"The Computer in the Studio." Visitors can explore the provocative, often unexpected, ways artists use computers as creative tools. This first-time collaboration for The Computer Museum in Boston and the DeCordova Museum and



Edra Toth will be starring in the Boston Dance Company's program titled "Dance Visionaries of the 20th Century" from October 14-16.

directed MIT's Visible Language Workshop at the Media Laboratory. Her teaching and research focused on how computers can enhance the graphic communication process and, inversely, how high-quality graphics can improve computer systems. Held at the Philippe Villiers Experimental Media Facility ("The Cube"). Through Oct. 31. "Critical Mass." This project commemorates the 50th anniversary of the detonation of the first atomic bomb by using as its theme the actual story of Edith Warner, whose small restaurant at Otawi Bridge in New Mexico became a meeting place for Manhattan Project scientists and local Navajo Indians. Photographer Meridel Rubenstein, videographers Woody and Steina Vasulka, and writer Ellen Zweig incorporate still photographs, video, sculpture, music, and performance to depict the exhibit's serious focus. Through Dec. 18.

"The Ghost in the Machine." The capabilities of digital image-making challenge our assumptions about photography's role in relation to issues of authenticity and reality, while also revealing how sophisticated new technologies allow artists unprecedented freedom in the creation and manipulation of photographic images. Artists in the exhibition employ conceptual art strategies while maintaining a focus on the human form and human condition in relation to identity and social order. Artists include Anthony Aziz and Sammy Cucher, Keith Cottingham, Yoshinoro Tsuda, Jeff Wall, Michael Weyon and Susan Gamble. Through Dec. 18.

"Roni Horn: Inner Geography." This exhibit comprises drawings and books based directly upon New York artist Roni Horn's experiences in Iceland's preglacial landscape through her frequent visits to that country. Horn incorporates crayon, watercolor, and graphite drawings with literature, photography, and typefaced Icelandic words in her body of work, all of which is on display. Through Dec. 18.

Sloan School Dean's Gallery

50 Memorial Dr., Rm. E52-466.

Sculpture Park in Lincoln features 100 pieces by 36 New England artists. Artworks at both museums range from stained glass, mosaic, painting, and sculpture to digital collage, interactive installations, virtual reality and animation. Through Nov. 27.

"Robots & Other Smart Machines™." See how "smart" robots and computers are in this exhibit focusing on artificial intelligence and robotics. Over 25 hands-on computer stations illustrate advances in creativity, games, problem-solving, and communication, including a chance to meet Robot-in-Residence "R2-D2™" from the *Star Wars* movies. Ongoing.

"Tools & Toys: The Amazing Personal Computer™." Over 35 interactive stations illustrating many leading-edge applications enable you to experience virtual reality, pilot your own DC-10 flight simulator, record music, and do much more. Ongoing.

"The Walk-Through Computer™." The world's largest and only two-story model of a personal computer allows you to climb on a giant mouse, operate a larger-than-life keyboard, and watch the actual flow of information within the machine. Ongoing.

Bromfield Gallery

107 South St., Boston. Hours: Tue.-Fri., 12 noon-5 p.m.; Sat., 11 a.m.-5 p.m.; Thur. until 7:30 p.m. Information: 451-3605. Through Oct. 29: "Dancing Woman," collage and photography by M.I. Cake; Sculpture by Mary Mead; and "Ordinary Places," paintings by George Hancin. Receptions for last three events held Oct. 15, 4-6 p.m.

Federal Reserve Bank of Boston Gallery

600 Atlantic Ave., Boston (across from South Station). Hours: Mon.-Fri., 10 a.m.-4 p.m. Information: 973-3453. Through Oct. 21: Exhibition by the New England Sculptors Association, with works by 60 sculptors.

Concord Art Association

37 Lexington Rd., Concord. Hours: Tue.-Sat., 11 a.m.-4:30 p.m.; Sun., 2-4:30 p.m.; closed Mon-

days. Information: 369-2578. Through Oct. 29: "Golden Afternoon," an exhibit of new and recent work.

Newton Free Library Gallery

330 Homer St., Newton. Information and gallery hours: 552-7145. Through Oct. 30: "Faces," paintings by Miriam Ruchames; and "A Falcon, a Storm, or a Great Song," prints, drawings, and watercolors by Eleanor Rubin.

Davis Museum and Cultural Center

Wellesley College, 106 Central St., Wellesley. Hours: Tue., Fri., and Sat., 11 a.m.-5 p.m.; Wed.-Thu., 11 a.m.-8 p.m.; Sun., 1-5 p.m.; closed Mon. Free admission. Information: 283-2051.

"Bodies and Boundaries, 1500-1800: Works from Wellesley Collections." At the Gerald and Marjorie Schechter Bronfman Gallery: an exhibition of European prints, drawings, books, and maps from three centuries, selected by Wellesley College participants. The works focus on various topics in our evolution and concepts of the body, humanity, gender and sexuality, and ethnic pluralism. Through Dec. 18.

"The Body as Measure." At the Chandler Gallery: the major emphasis on this exhibition is on the meanings of the body's physical form, not of its internal functions. Each artist addresses the body's external characteristics in relation to its social standing or expression of emotion. Through Dec. 18.

Museum of Fine Arts

465 Huntington Ave., Boston. Information: 267-9300.

"Wright Morris: Origin of a Species." Photographer Wright Morris carried out his work on extended cross-country trips from the late 1930s to the 1950s. His pictures explore the range and subtlety of life in rural and small-town America, a recurrent theme in his work. Through Oct. 16.

"Weston's Westons: California and the West." Edward Weston, the first American photographer to win a Guggenheim Foundation Fellowship, pursued what he called "an epic series of photographs of the West." This exhibition includes 120 photographs from his travels in the western United States. Through Oct. 23.

"Sol Lewitt." A Connecticut native, Sol Lewitt is a landmark figure in the Minimalist art movement. Two hundred drawings and watercolors from various collections will be included in this retrospective, ranging from the 1950s to the present. Through Nov. 20.

"Grand Illusions: Four Centuries of Still Life Painting." Selections from the MFA's permanent collection, augmented by works on loan from friends of the Museum, trace the origins, emergences, and full flowering of the still life genre. Dutch and Italian masters, Renoir, Gauguin, Millet, Maurice Prendergast, and Stuart Davis will be represented. Through Jan. 1, 1995.

"The Taste for Luxury: English Furniture, Silver, and Ceramics 1690-1790." This exhibition explores the influences of stylistic developments in the decorative arts throughout the eighteenth century and examines stylistic parallels among the different mediums. Masterpieces of English silver and soft-paste porcelain and pieces of English furniture will illustrate the artistic currents of this period. Through July 25, 1995.

Fuller Museum of Art

455 Oak St., Brockton. Hours: Tue.-Sun., 12 noon-5 p.m. Free admission. Information: 588-6000.

"Artisans in Silver, 1994." A travelling exhibition of over 80 pieces of finely crafted and unique contemporary pieces of silver, holloware, and sculpture created by members of the Society of American Silversmiths. Through Oct. 30.

"Brockton Present Tense." An exhibit of paintings of paintings and prints of the city of Brockton by local artist Alvin Ouellet. Vivid colors and unique perspectives give the viewer the opportunity to see real beauty in the urban world of Brockton and sense Ouellet's optimistic view of the city. Through Jan. 29, 1995.

"A is for Architect, B is for Building." A hands-on exhibit for young people which explores architecture, guest-curated by Brockton High School architecture drawing teacher Carol Bright. The exhibit includes a scale drawing of the Fuller Museum of Art on the gallery wall with architectural details and several "activity" stations at which visitors will be able to build their own models and draft their own building plans. Through Jan. 29, 1995.

Isabella Stewart Gardner Museum

280 The Fenway, Boston. Open

Tue.-Sun., 11 a.m.-5 p.m. Admission: \$6, \$5 for students/seniors, \$3 youths (ages 12-17), free for members and children under 12; Wed, \$3 for students with current ID. Information: 566-1401.

The museum, itself an example of 15th-century Venetian palaces, houses more than two thousand arts objects, including works by Rembrandt, Botticelli, Raphael, Titian, and Matisse. Ongoing.

"Art's Lament: Creativity in the Face of Death." An exhibit exploring artists' responses to plagues, including the bubonic plague and its recurrent history of attack in Europe, as well as highlighting the parallels between that plague and today's epidemic of AIDS. Among the 19 artists with works on view are Boccaccio, Durer, Tiepolo, William Blake, Edward Munch, Robert Mapplethorpe, Robert Farber, and Keith Haring. Through Oct. 23.

Museum of Our National Heritage

33 Marrett Rd., Lexington. Admission and parking for the Museum of Our National Heritage is free. Hours: Mon.-Sat., 10 a.m.-5 p.m.; Sun., noon-5 p.m. Information: 861-6559.

"Shaken Not Stirred: Cocktails Shakers and Design." A variety of cocktail shakers from 1920 to 1960 are presented from the private collection of Stephen Visakay. Approximately 100 cocktail shakers will illustrate aspects of industrial design in 20th-century American decorative arts. Through Oct. 30.

"By a Fine Hand: Quilts from the SPNEA Collection." This exhibition, comprised of 30 splendid quilts from the collections of the Society for the Preservation of New England Antiquities, represents the talent and social climates of 18th, 19th, and early 20th-century New England quilt-makers. Through Dec. 4.

"Posters of Protest: Selections from the Haskell Collection." Lexington resident and attorney Mary Haskell provides several examples of contemporary graphic art from her collection, dealing with various social issues of importance from the 1960s and early 1970s. Through Jan. 8, 1995.

"The Flag in American Indian Art." This exhibition celebrates the creativity, sense of design, and highly-skilled craftsmanship of American Indian cultures. The 125 objects date from 1880 to the 1920s, represent Native American tribes from across the country, and use the American flag as a decorative element. The exhibition is drawn from the collection of the New York State Historical Association. Through Feb. 5, 1995.

Events

Boston Film/Video Foundation

1126 Boylston St., Boston. The BFV's fall semester of classes has begun. Oct. 15, Editing on the Avid Media Suite Pro and Sound Designer II; Oct. 16, SampleCell (editing techniques); Oct. 17, Acting (non-technical) and TV/Signal Waveform (technical) studies. Special event, Oct. 15: Motion Picture & Television Writing, with former Disney executive Joe Seldner. Seldner presents a practical result-oriented workshop about writing, developing ideas, and "pitching" them. For information about class times and registration, call 536-1540.

Ringling Bros. and Barnum & Bailey Circus

Boston Garden, Boston. Through Oct. 23. Admission: call for details; special 2-for-1 discount passes for Oct. 14 (College Night) are available from WBCN-FM radio at 536-8000. The world-famous circus swings through Boston for a traditional mix of exotic animals, acrobats, and crowd-pleasing clown antics.

The Heart of the Freedom Trail

Faneuil Hall, Boston. Oct. 18, 10 a.m. Tour cost: \$6.75. Sponsored by the MIT Women's League. An hour-and-a-half walking tour with *Boston by Foot* covering some of Boston's oldest and newest landmarks. Meet in front of Faneuil Hall at the statue of Samuel Adams on Congress St. The tour will begin and end at Quincy Market, and will be held rain or shine, and participants will have lunch in the Market.

MIT Women's Chorus

Thursday evening rehearsals will be held in the Emma Rogers Room (10-340). Open to all women in the MIT/Harvard community; rehearsals are scheduled 7:45-10 p.m., and new members are welcome through October 27. For more information, call Mariyyn Dorsey at 497-8187.

NERDS

NERD REK

THE N+1 GENERATION

Episode 1

Star date: 18.0.0.0
System log. Heavy usage of the ship's computers has recently been causing rampant failures. A meeting of all officers has been called to discuss the situation.

Does anyone have any recommendations? open fire!

Captain, I suggest we

Mr. Wolf, why are you so violent?

Sir, my mother dressed me funny as a child

Yes, that can be hard on a kid with a large, bumpy forehead.

Yes.

Geordi, any suggestions?

I do know some people at MIT that could help us.

Very well, make it so. Set course for Cambridge, Mass -- Earth!

Captain, I suggest we all wear plaid.

Engage!

BY BEN REIS

To be Continued

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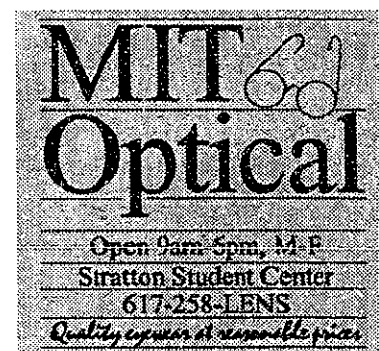
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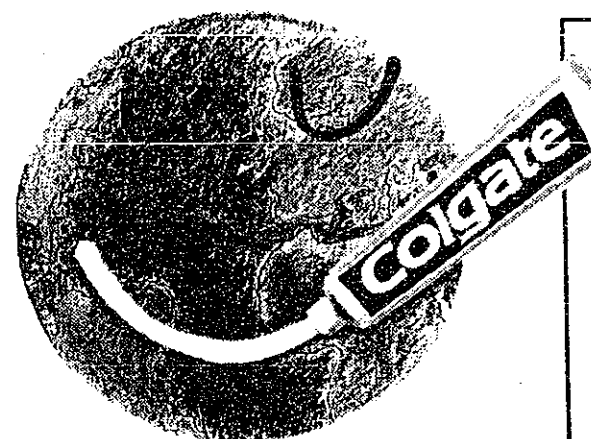
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Place:

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Thursday, October 20, 1994 &
Friday, October 21, 1994
9:00AM-5:00PM

Career Services Office, Room 12-170

Graduate Chemical Engineers

Friday, October 21, 1994
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Chemical Engineering Department, Room 66-366

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Westfield's Lightfoot Scores 4 TD's to Down Beavers

Football, from Page 32

bounds at the MIT 14. From there, the Beavers had a good series of plays but lost the ball on downs at the Owls' 31.

From their 31, Westfield consistently moved the ball down the field. They had it at the MIT 24 when the quarter ended. After that, they moved the ball to the 10 before three incomplete passes to Nate Montiero resulted in a successful 27-yard field goal with 13:20 left in the second quarter to close the score to 6-3. Their drive consumed 17 plays as they had the ball for over four minutes.

On the kickoff, the Beavers fumbled with T.J. Cole of the Owls recovering the ball at the Beaver 3. With 12:11 left, Lightfoot had the first of his four touchdown runs with a five-yard plunge. Sean Jennings converted the PAT to give Westfield a 10-6 lead which they would hold for the rest of the match.

The next kickoff fell out of bounds so MIT took the ball at its own 35. After three runs netting seven yards, the Beavers made a very gutsy call on fourth down. Noting that the Owls had the return on, the punter and quarterback Scott Vollrath '95 ran 12 yards for the first down after receiving the snap. However, the drive stalled and Vollrath then punted the ball to the Westfield 21.

After two runs of eight yards, Lightfoot scored again on a 71-yard run with 7:20 to play. During the run, he made some MIT tacklers miss. Jennings failed to convert the PAT so the Owls led 16-6.

On the resulting kickoff, Troy Gayeski '96 dazzled the home crowd with a 52-yard return from the Beaver five. After the five-yard facemask penalty, MIT had the ball at the Westfield 38. However, Matt Fihlman of the Owls intercepted a pass by Sgouros at the 20 on the very next play to foil another possible scoring attempt for the Beavers at 7:02. Westfield had another 17-play drive which culminated in a 15-yard TD pass from Derek Catelotti to Tyler Gerry with 46 seconds left. The resulting PAT made the score 23-6 which was the half-time score since the Beavers drive stalled when Rick Riley intercepted another Sgouros pass on a Hail-Mary.

Westfield's kickoff to start the third quarter went through the end zone so MIT started the second half from its own 20. The Beavers then took the ball all the way for a touchdown on their best offensive drive of the day while holding the ball for 12 plays and 7:29. In this series,

Vollrath replaced Sgouros at quarterback as MIT went to an option-style offense and ran the option very effectively so it may be seen again in future games according to head coach Dwight Smith. Shawn Stern '97 ran the ball 12 yards for the score with 7:31 left in the quarter. The pass after the fake kick fell incomplete so Westfield led 23-12.

The Owls answered the MIT drive with a six-play, 58-yard drive of their own for a touchdown. Lightfoot finished the series with his third touchdown on a 10-yard run with 4:53 left in the quarter. Jennings converted the PAT to give Westfield a 30-12 lead.

After that touchdown, MIT could not get a first down and punted. The Owls took the punt and moved the ball down the field. They continued to move the ball until the quarter ended. However, their drive stalled and they punted the ball so the Beavers received it on their own 11. The drive ended when Sgouros had a third pass intercepted by Riley who returned the ball 30 yards to the MIT 8. Lightfoot scored again on a six-yard run with 12:55 left in the game. However, the Beavers blocked the PAT attempt to hold the score at 36-12.

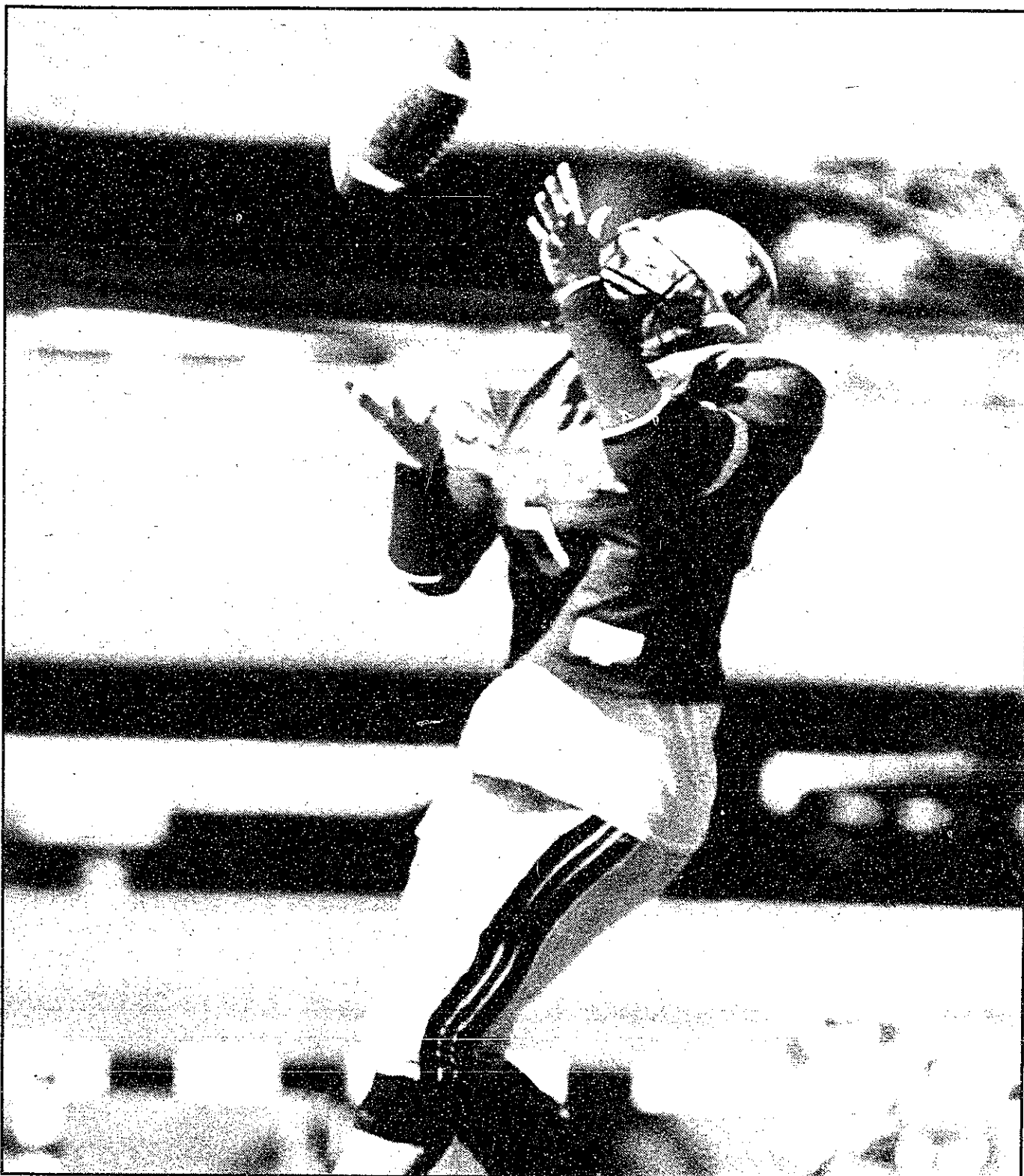
MIT mounted one last drive with 5:30 left to play from their 43. They moved the ball successfully to the Westfield 13. However, the Owls took over on downs with 55 seconds to play in the game and then ran out the clock.

Some high points exist for the Beavers. Vollrath's running ability at quarterback makes the option a formidable weapon on offense. Gayeski averaged almost 30 yards on kickoff returns. Also, MIT had four defense players get 10 or more tackles in the game. Andy Carnell '94 led the team with 13 while Dave Hwang G and Ferrigno added 11 and Brad Gray '97 added 10.

Head coach Smith remained upbeat saying that his team's losses have been against good teams. "We're a lot better than the 1-4 [record] shows. We played two [NCAA] Division II teams, Salve Regina which is top ranked, one of the top ranked Division III teams, and this team which is number four in New England in Division III."

"The key to our season will be the next three weeks," he said. The team will face three Division III opponents in upcoming games.

Smith also remarked on next week's Homecoming game against Curry: "We should have a good effort for that one, but they've got a great quarterback this year and that's our weakness."



THOMAS R. KARLO — THE TECH

Troy Gayeski '97 receives the punt and returns 22 yards in Saturday's football game against Westfield State College. MIT lost 36-12.

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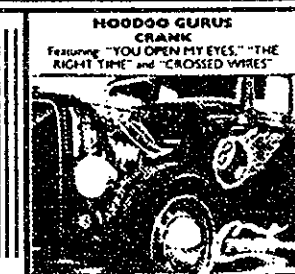
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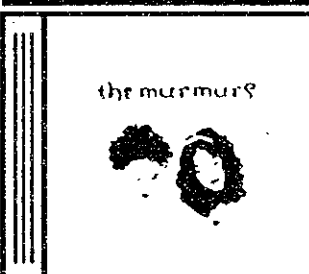
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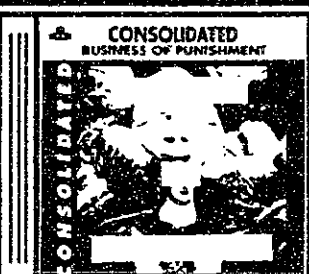
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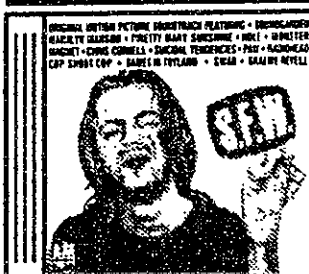
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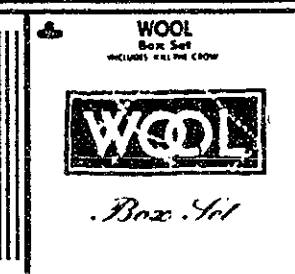
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by Jim

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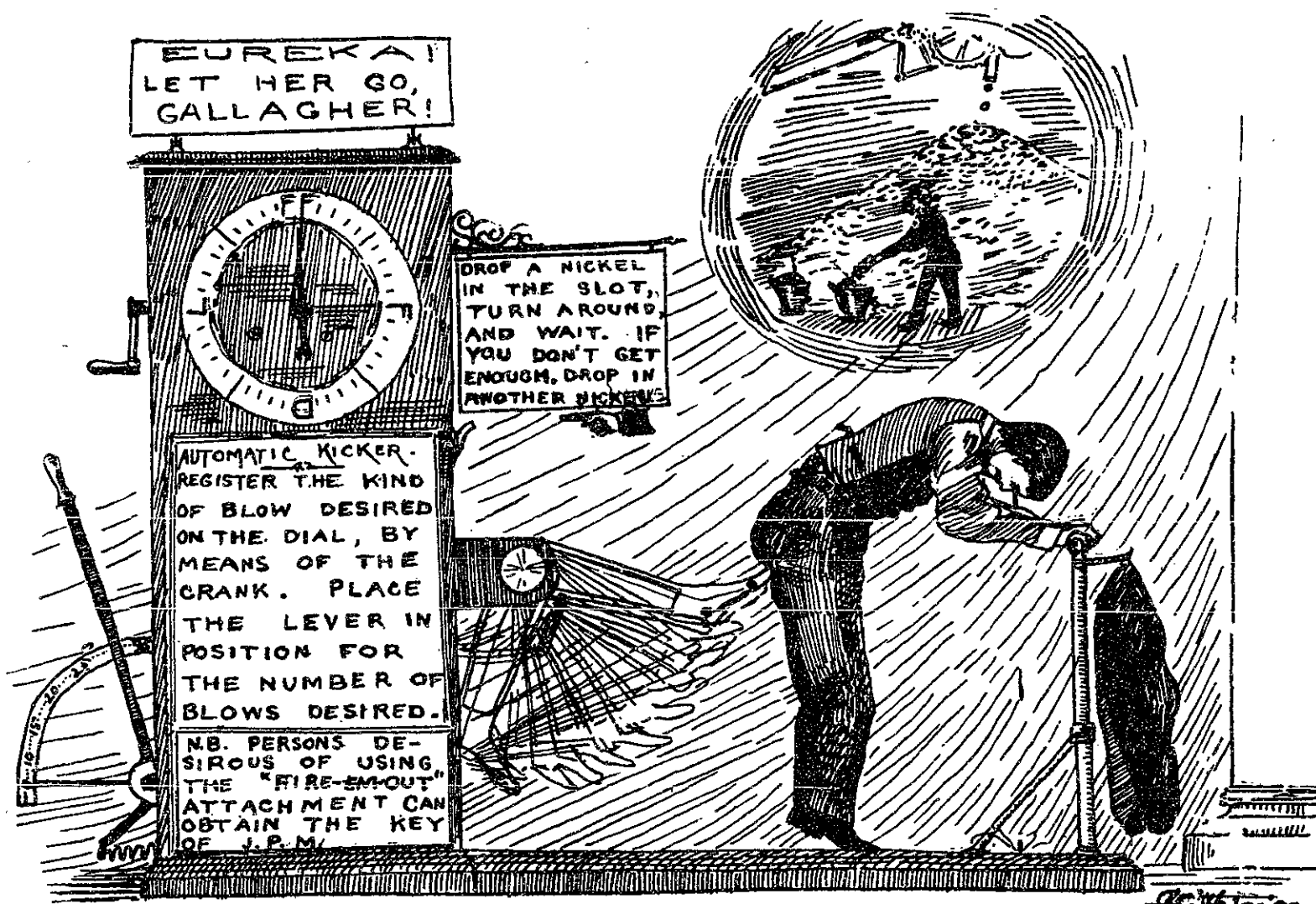
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Schuler Leads Golfers In Win over Brandeis

Golf, from Page 32

came away with a 14 stroke victory, 422 to 436.

Last Sunday, MIT hosted Brandeis University, also at Crystal Springs. The players were blessed with warm weather in the upper 70's, but were plagued by an abundance of leaves on the course, which made finding golf balls difficult.

Schuler played the best golf of the day, leading all scorers with a five-over par 77. Kawamoto completely forgot how to play golf on the front nine, shooting 47 (11 over par), but recovered on the back nine to come in with an 84. Joe Baca '95 returned to the starting line-up and performed well with an 85.

Aggressive player Burlaud played fine tee-to-green but his putting woes continued and he finished with an 86. Young Kim '98 was able to solve his alignment problems and shot an 87. MIT won the match handily by 25 strokes, 419 to 444.

Women's Tennis Comes Up Short after Singles

Tennis, from Page 32

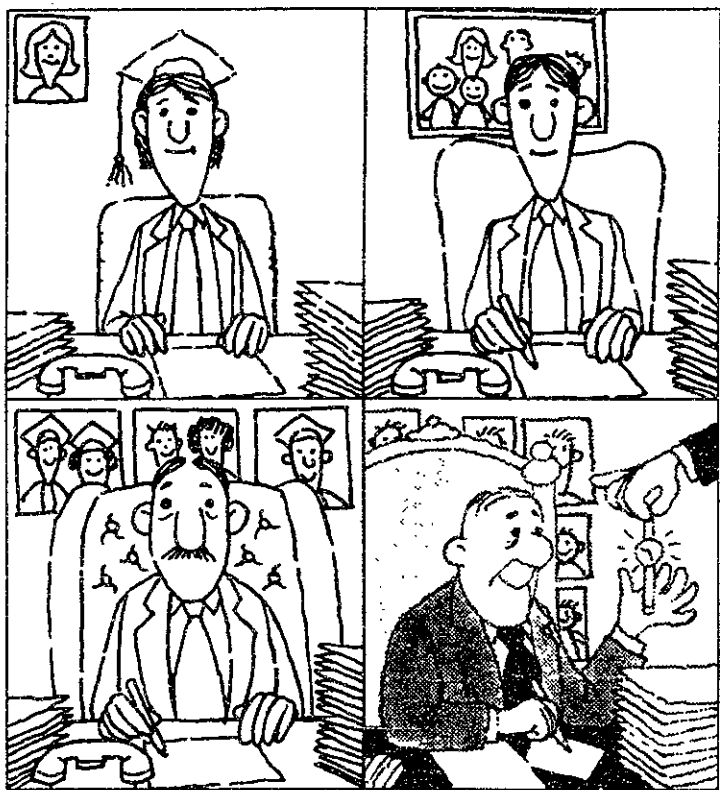
At first singles, Matsuzaki played with good intensity throughout the whole match and played a dominating third set, winning 6-3, 4-6, 6-2. Second singles player Ramnath ran into a tough opponent and lost 6-2, 6-3. At third singles, Fan made a good attempt in the second set but came up just short, 6-1, 6-4. Fourth singles player Koo evinced her domination yet again by taking a 6-3, 6-1 victory.

At number five, Kommineni gave a good effort but fell victim to

unforced errors, as she took a 6-3, 6-3 loss. At sixth singles, Kringer managed to pull out her first set and then completely took over the match, 7-5, 6-1.

With MIT and Wheaton splitting the singles 3-3, it was not enough for the Engineers to win.

MIT dominated in exhibition play as Humphrey took a magnificent 8-1 victory and Sejal Shah '95 came out with a solid 8-5 win. Humphrey and Shah combined to play doubles and were victorious with an astounding 9-7 win.



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Varsity Sailing 3rd At Northern Series

By Lisa Collins
TEAM MEMBER

Varsity sailors battled to a third place finish in a hotly contested 14-school Northern Series regatta last Saturday.

After 16 races in blustery southwest breezes, Vjekoslav Svilan '95 with Patricia Schmidt '96, and David Hellmuth '98 with Christina Chu '98 finished close behind Boston College and Tufts University.

Familiar Charles River racing in MIT's own Lark and Tech dinghies helped the home team beat its New England rivals from Harvard University, Maine Maritime Academy, the U.S. Coast Guard Academy, Boston University, Brandeis University, Salem State College, Massachusetts Maritime Academy, Northeastern University, University of Vermont, Williams College and Wellesley College.

Second place finish in warmup regatta

MIT's hot sloop sailors tied for second in a warmup regatta for the New England Championship.

Drew Mutch '98, Jonas Sylvester '96, and Frank Marcoline '95 displayed awesome teamwork over the quadrilateral courses as they crushed competitors from BC, Harvard, Tufts, and BU.

Massachusetts Maritime won this breezy contest of six races with spinnakers in MIT's Rhodes 19 sloops.

The Engineers will be looking to win all the marbles next weekend at the Coast Guard Academy in New London, Conn., when they take on the best 15 area colleges, battling for the two New England entries in the Collegiate Sloop Championships.

Grad Soccer Trashes Lexington

By Malcolm Quinn
TEAM MEMBER

The MIT Graduate Soccer Club thrashed league leaders Lexington 5-0 last Saturday in its most anticipated match of the fall season.

This puts MIT just one point behind Lexington in the league table in what is now essentially a two-horse race. Historically Lexington has dominated the league, winning twice in the last three years, while MIT has never won. But on Saturday MIT players thumbed their noses at history and were clearly the better team.

The first goal came in only the fifth minute, catching both teams off guard.

A crowd of players were gathered in Lexington's penalty box when MIT forward Jerome Gherchanoc G attempted an extremely difficult volley, that sent him spinning and the ball rebounding high into the air. Instantly regaining control of the ball, Gherchanoc then sent it skittering across the goalmouth, past the flailing legs of players from both teams, straight to Franz Menard G at the far post, who poked it home.

It was not beautiful and soccer purists cringed on the sidelines, but the home crowd was ecstatic anyway. Aware of the dangers of relaxing against a team like Lexington, MIT's defensive resolve seemed

strengthened by this goal. The next 40 minutes passed with tense stifling play from both teams.

Lexington players are feared for their speed and their tactic of dumping high balls in their opponents' goalbox. But on this occasion their vaunted aerial attack never left the hangar. When they did float balls into the penalty area, they were plucked from the air with cat-like aplomb by MIT goalie Bobby Padera G, who was otherwise not tested.

MIT's entire defensive cast was outstanding, never allowing Lexington's usually formidable offense to find a rhythm. The defensive shackles were set in place early and remained locked for a full 90 minutes.

At halftime the score was still 1-0. Feeding off their strong defensive play, MIT had created more scoring chances than Lexington but had failed to capitalize. The game remained in the balance. It was not until 10 minutes into the second half that play broke open. An upending collision left a player from each team sprawling on the astro-turf, and froze many players flat-footed — but play raced on.

A deft short pass from Rich Stringfellow G found Tony Diaz G all alone at the right sideline. Diaz then chipped to Menard at the far post. The veteran striker made it 2-0.

For Lexington this was the back-breaker. They were now demoralized and visibly fatigued. By contrast the MIT juggernaut was just beginning to roll.

The best goal of the match came with 20 minutes to play. An incisive pass from the midfield caught Lexington napping, and sent Gherchanoc on a scampering left wing run. Jinking past his bamboozled defensive mark Gherchanoc surged toward the goal, drawing the Lexington keeper from his line. At the last moment he flipped the ball back to an eager Mark Grodzinsky G at the top of the box on the far side. Grodzinsky slammed the ball emphatically home.

"Just like we practiced," Grodzinsky said later.

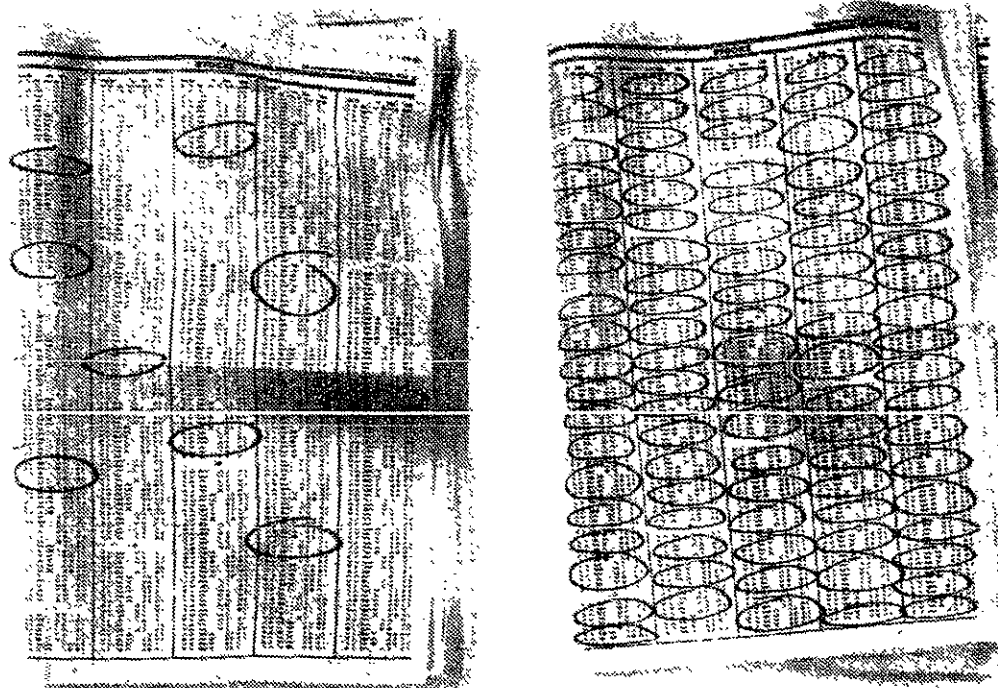
Two additional goals were scored, one a short range blast from Stringfellow, and one from Harry "the Hammer" Bingham G who launched a jaw-dropping rocket from 25 yards. MIT could have had more but squandered numerous chances. Their dominating performance was marred only by some poor finishing.

Each team has four games left to play, with MIT trailing Lexington by a single league point. Should Lexington falter just once in the next four weeks, and lose or tie a game, the door will be wide open for MIT.

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Women's Crew Eyes Head of the Charles

Women's Crew, from Page 32

Brito '97.

The lightweights battled rough conditions during the first half of their intermediate race with power and control. In the last mile the conditions improved, and the boat surged ahead, passing a competing crew in about 10 strokes.

As they approached the last 500 meters, they continued to pull away from the crews behind them to a strong finish of 28:29, 33rd of the same 51 crews in the event.

Lara Ivey '97, Anna Rivers '97, Rebecca Fahrmeier '95, Heather Lee '95, Heather Back '96, Sabrina Bernold '95, Louise Wells '96, Malee Lucas G, and coxswain Shrutti Sehra '96 made up the crew for that boat.

The varsity boat competed an hour later in the Open Eight race, working through the same head wind for the first 2.5 miles.

The MIT crew rowed past the nearby Simmons crew in the first few minutes of the race and spent the rest of the race chasing the pack of crews who had started ahead of them. They finished 10th with a time of 26:38, well within reach of many of the top crews.

The Head of the Connecticut was an excellent preview of what's to come at the Head of the Charles Regatta on Sunday, Oct. 23. If the crews can do this well at races away from home, it is easy to imagine how well they could do on their home turf with the support of the MIT community.

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Registration is open for MIT community children's skating lessons (ages 6-12 years) to be held Saturday mornings beginning October 29 in the Johnson Athletic Center rink. Classes will continue November 5, 12, 19, and December 3, 10, and 17. Beginner and intermediate levels will be offered by instructors from the MIT Physical Education staff. Beginners are children with very little or no experience. Intermediate skaters should be able to skate forward well and wish to learn additional fundamentals. Beginner classes meet at 10am, intermediates at 11am. The fee is \$35 per child (\$25 for parents with athletic cards), payable at the time of registration. Registration forms are available in the Physical Education Office, W32-125. For further information, call x3-4291.

■ Events

R. Prasanna is one of India's foremost guitarists. After winning numerous awards, he has played to sellout crowds in New York, California and Chicago. He is currently in residence at the Berklee College of Music. R. Prasanna makes his premier performance in Boston, MIT Room 6-120, Oct. 15 6 pm. Contact Amit Dhadwal 617-621-9955 / R. Lochan 617-621-1467. Tickets- \$10 General Audience, \$8 Students with ID.

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■ Travel

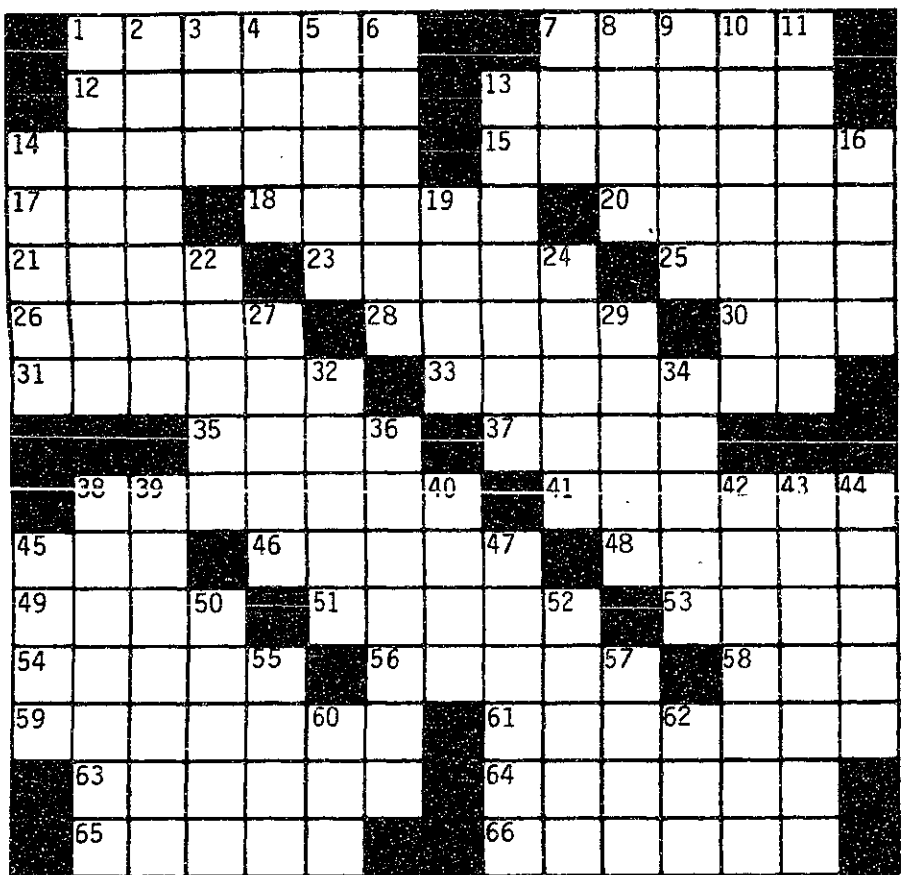
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ACROSS

- 1 Cancels a space flight
- 7 Barnyard fowl
- 12 Ending for stereo
- 13 Gomer Pyle, for one
- 14 Short rifle
- 15 Metrical foot
- 17 Prefix: ear
- 18 63-Across, for one
- 20 Miss Midler
- 21 One of a litter
- 23 Mortise's mate
- 25 Window part
- 26 Mr. Howe
- 28 Go swiftly
- 30 — Blanc
- 31 Al Unser's sport
- 33 Inveigles
- 35 — lamp
- 37 Work door-to-door
- 38 Gridiron play
- 41 Closed
- 45 Science room
- 46 Celebrate
- 48 Low land

DOWN

- 1 Kitchen utensil
- 2 Like some smokers
- 3 Loot
- 4 Part of BTU
- 5 Intelligence test pioneer
- 6 Play parts
- 7 Slangy jail
- 8 Mecca man
- 9 Plumber's concern (abbr.)
- 10 Formerly
- 11 Maker of chocolate
- 13 Isolates
- 14 Kitchen utensil
- 16 William —
- 19 As soon as
- 22 Contaminate
- 24 Studying need
- 27 Show scorn
- 29 Mah-jongg pieces
- 32 Stabbed
- 34 Lobster's limbs
- 36 Jazzman Fats —
- 38 Worked hard
- 39 City in Texas
- 40 Pants maker
- 42 Cosmetics substance
- 43 Slippery ones
- 44 French painter
- 45 Body part
- 47 Body parts
- 50 Brenda —
- 52 Doctrine
- 55 — milk
- 57 Neck part
- 60 Business course (abbr.)
- 62 Musical segment

PUZZLE SOLUTIONS FROM LAST ISSUE

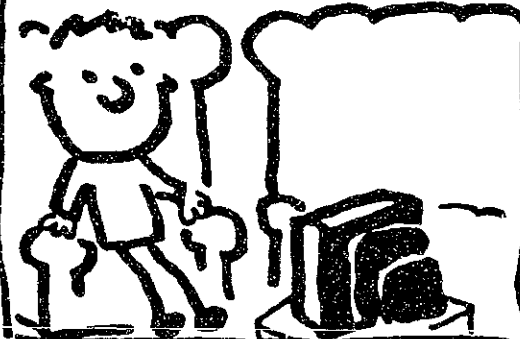


SOLUTIONS IN THE NEXT EDITION OF THE TECH

Jim's Journal

By Jim

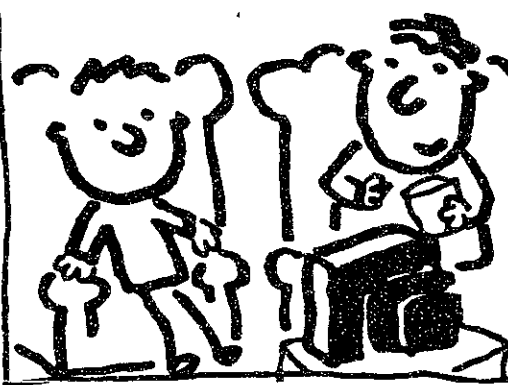
Today I was just sitting around watching TV. (Bewitched was on.)



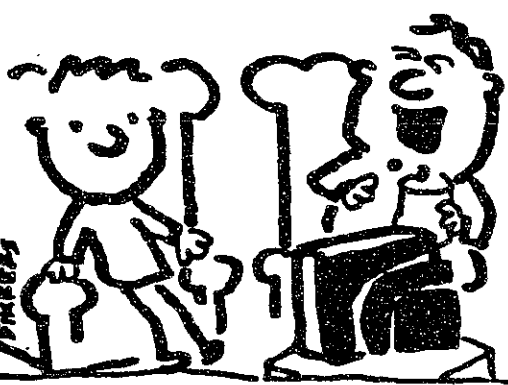
Kurt, Tony's friend, came over. He was eating a bag of cheese puffs.



Tony wasn't around, so Kurt came in and waited for him.



He sat and watched Bewitched with me and laughed out loud.



Ultimate Concedes Loss to BC, 15-11

By Mike Jones
TEAM MEMBER

The ultimate team took on archival Boston College last Friday afternoon on Briggs Field in the team's biggest game so far in the Boston Fall College Ultimate Conference, also known as the Ultimate Beanpot.

The game was hotly contested, but when the dust settled BC claimed a 15-11 victory.

The game began with MIT coming out a bit flat, seemingly nervous after anticipating this game all week. BC jumped out to a 3-1 lead in the game; games are only played to 15 points. The MIT squad regrouped, began executing their offense with poise, and fought their way to a 6-4 lead.

BC relied on some great defense to take two of the next three points and leave MIT clinging to a 7-6 lead. On its next possession, MIT marched the disc up the field to the BC goal line where Andrew Kirmse G saw Ed Hwang '95 running free in the endzone and sent a difficult pass which Hwang caught with a spectacular layout grab to score. The pumped up MIT squad went into halftime leading 8-6.

The second half began with BC playing very intense defense and scoring 4 unanswered points to take a 10-8 lead. Although the MIT players put together some nice offensive series, they couldn't consistently move the disc against the speedy BC squad as they did in the first half.

Darkness began to fall and despite some beautiful defensive blocks late in the game by MIT's Ron Phelan '95, BC rode their second half surge to a 15-11 victory. As it was last year, the MIT-BC matchup will be an intense one throughout the fall and into the spring season.

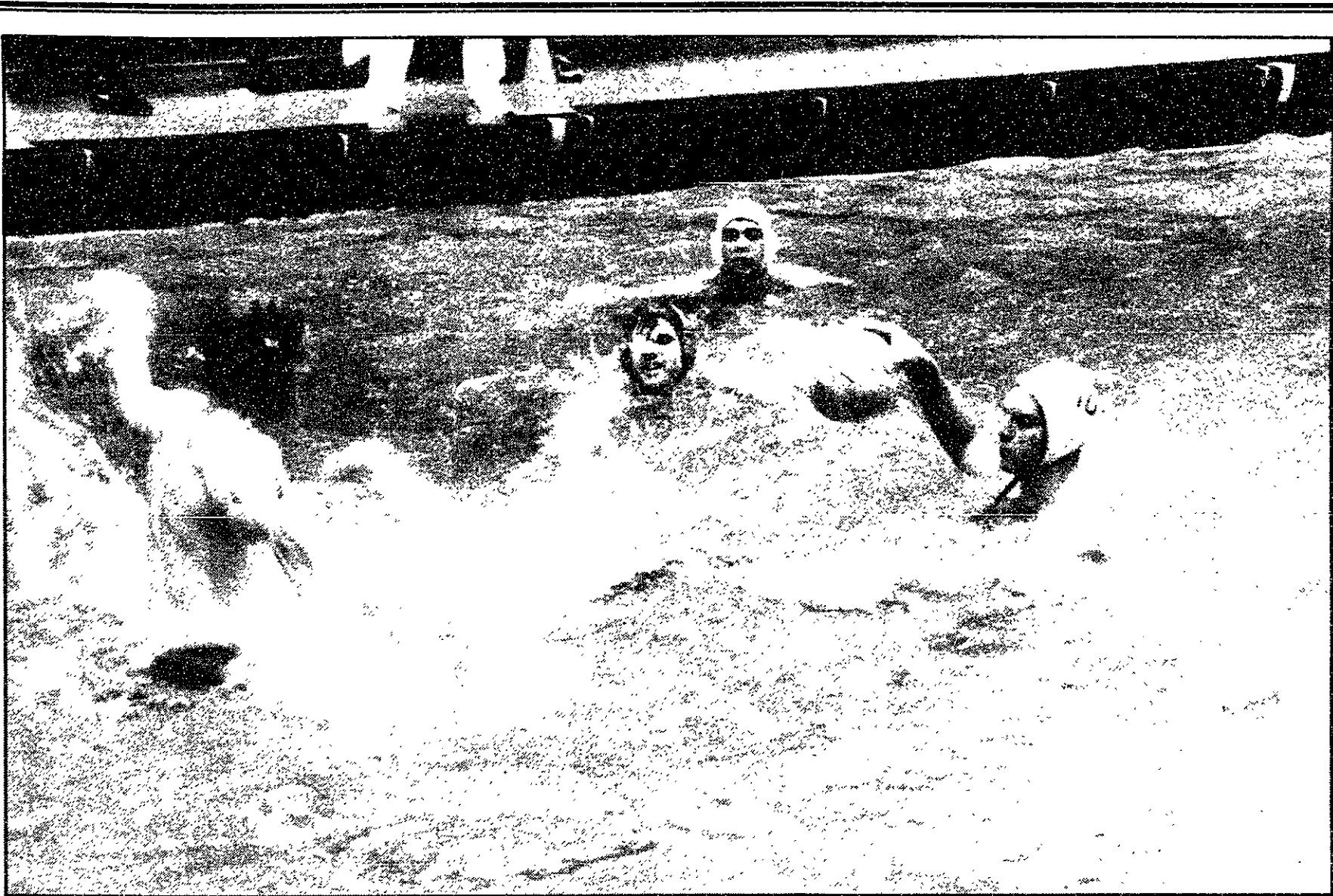
Victory at Brandeis

Earlier last week, the MIT ultimate team defeated Brandeis University 15-6 on Brandeis' home field. MIT was in control of this game the whole way despite the deadly accurate passes of Brandeis' Tross Lawler '93, a former MIT player and current freelance sports-writer.

MIT's record is now 2-1 in the Ultimate Beanpot. The Beanpot is a newly-formed ultimate conference which includes all the Boston area schools that have ultimate teams: MIT, BC, Harvard University, Boston University, Tufts University, and Brandeis.

MIT will play the Tufts team today.

Despite the loss to BC, MIT still has an excellent shot at making the Beanpot finals that will take place on Sunday, Oct. 30 at MIT.



Goalie S. Brian Fitch '96 poises himself to reject the opponent's shot on the goal in Tuesday's water polo game. MIT fell to Harvard University, 10-9.

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Package	desktop	desktop	desktop/side	desktop/side	desktop/side	desktop/side
Performance*						
SPECint92	58.1	84.1	83.5	100.1	80.6	135
SPECint92	79	122	120.9	137	149.8	201
MIPS/DP MFLOPS	73/12.8	92/30.6	97/30.5	122/37.8	124/40.8	154/57
System Design						
Processor type	PA7100LC	PA7100LC	PA7100	PA7100	PA7100	PA7150
CPU clock speed	60MHz	80MHz	80MHz	100MHz	99MHz	125MHz
#I/O slots	2	2	1 EISA	1 EISA	1 EISA	1 EISA
Cache ext inst/data	64KB shared	256KB shared	64/64KB	64/64KB	256/256KB	256/256KB
MPEG playback**	yes	yes	NS	NS	NS	NS
Graphics						
Highest option	PowerShade	PowerShade	HCRX24Z	HCRX24Z	CRX48Z	CRX48Z
Xmark/X11 vectors	5.9/1.1M	8.5/1.4M	10.72	12.25	9.4/1.2M	9.4/1.2M
3D vectors	1200K	1200K	1900K	2300K	2180K	2180K
PLBsurf93	14.3	16	59	68	94	94
Displayable colors	8M	8M	16.7M	16.7M	16.7M	16.7M
Z buffering	NS	NS	24-bit HW	24-bit HW	24-bit HW	24-bit HW
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SPORTS

Heavyweight Crew
3rd at Connecticut

By Nate Crosswhite
TEAM MEMBER

Last Sunday the varsity heavy-weight crew participated in the Head of the Connecticut Regatta in Middletown, Conn. A four with coxswain was entered in the Open Four event, and the boat placed third with a time of 24 minutes, 23.8 seconds.

The first place crew was from Fordham University, coming in at 24:06.8, and second place was from Northeastern University at 24:17.9. The regatta was a head-style race in which the boats are staggered at the start, and race against time. The MIT boat passed eight boats over the course of the race, and beat entries from Dartmouth College, Brown University, and Boston University by time.

Captain Jeff Tomasi '95, Lorin Theiss G, Toby Ayer '96, captain Nate Crosswhite '95, and coxswain Peter Yao '95 made up the boat that took bronze in the grueling 3.5 mile

race. Despite delays of over an hour and rough conditions, the MIT crew enjoyed the experience.

Yao said after the race, "I felt it was one of our best and longest races all fall, but after passing so many crews, about eight of them, and coming ahead of Dartmouth, Brown, and BU boats, I find it hard to believe we lost to Fordham. Still, it was a very promising race, and hopefully, we will get a chance to race Fordham again in the spring."

This is the first year that MIT has entered the Head of the Connecticut Regatta. It is a good race for most crews because it offers a preview to the Head of the Charles. Participating crews have a chance to improve their racing strategies and learn the weaknesses of the other crews.

This weekend the MIT Heavies will race in Hooksett, N.H., and the following Sunday will be the Head of the Charles.

Football Suffers First
Loss at Home, 36-12

By Thomas Kettler
STAFF REPORTER

The MIT Beavers lost Saturday to the Westfield State College Owls 36-12, but the team had supporters with the crowd totaling more than 800.

The nonconference loss puts the team 1-4 overall, but it remains 1-2 in the Eastern Collegiate Football Conference.

The star for Westfield was Tim Lightfoot who rushed for a school-tying record 200 yards and four touchdowns.

In the first quarter both offenses struggled as each team's defense dominated. This was seen early when after only 1 minute, 30 seconds into the quarter when MIT's

Kevin Ferrigno '95 recovered a fumbled snap at the Westfield 26. After a series of plays moved the ball to the Owls' 4, Chris Brown '95 scored on a screen pass from Alex Sgouros '94 with 10:01 left. However, the point-after-touchdown (PAT) attempt went wide right to give the Beaver's an early 6-0 lead.

After the MIT score, Westfield could not manage a first down. However, they got the ball back on the punt when the 18-yard kick bounced and touched a Beavers' player with 9:02 left. The MIT defense stiffened and Westfield punted again on the resulting series getting a coffin-corner kick out-of-

Football, Page 25

Women's Crew Endures
Connecticut Regatta

By Cathy Conley, Andrea Jensen, and Anna Rivers
TEAM MEMBERS

MIDDLETOWN, CONN.

The heat was on and the pressure high as the women's crew rowed through windy waters last Sunday at their first showing at the Head of the Connecticut in eight years. They took the regatta by storm and proved they were contenders for the fall season.

MIT entered three strong boats — one in the open event and two in the intermediate events.

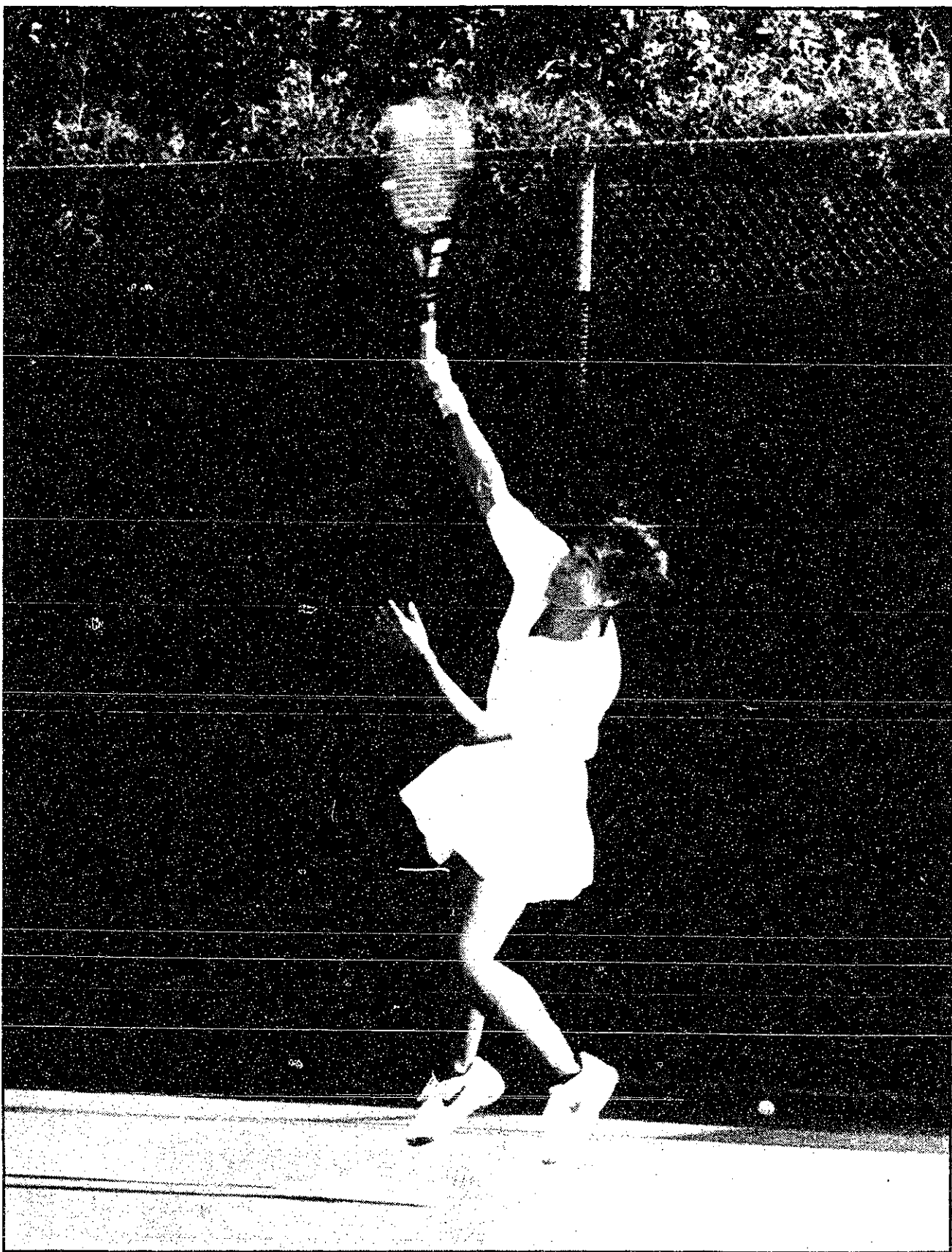
After an hour-and-a-half delay due to a barge, each crew was able to pull together mentally and physically to endure this long 3.5-mile regatta. The lightweight and junior

varsity crews were the first to face the heavy head wind in the intermediate event.

The JV crew, after a bit of a hectic start, started off powerfully, passing two boats in the first mile. A strong surge in the last half mile pushed them past yet another crew, putting them in 18th place of 51 finishers with a time of 27 minutes, 12 seconds.

The boat was comprised of, from bow to stern, Stacy Morris '96, Shelly Sakiyama '96, Nicole Weymouth '96, Cathy Conley '96, Joanne Mikkelsen '96, Judy Ascano '96, Stephanie Speaker '97, Cindy Fein '97, and coxswain Margarita

Women's Crew, Page 28



HELEN M. LIN — THE TECH

Carol Matsuzaki '95 serves in a victorious doubles tennis match against a pair from Babson College Thursday afternoon.

Women's Tennis Splits Two
NEW-8 Matches in Two Days

By Carol Matsuzaki
TEAM MEMBER

The women's tennis team played two matches last week, beating Babson College at home last Thursday and losing a close one at Wheaton College the next day.

Both matches were New England Women's Eight Conference games, bringing the team's overall record to 4-1.

The team crushed a much improved Babson team, 7-2. Number one doubles team Sarah Kringer '97 and Seetha Ramnath '96 ran into some trouble and lost their match 8-3. Carol Matsuzaki '95 and Lily Koo '97 at number two, and Bobby Kommineni '97 and Nora Humphrey '98 at number three claimed easy victories, winning 8-2 and 8-3, respectively.

In singles play, at first singles Matsuzaki was down 2-4 in both sets but managed to refocus and emerged victorious, 6-4, 7-5. Number two singles player Ramnath used her smooth, flowing ground-strokes to crush her opponent 6-3, 6-1.

At the third position, Miranda Fan '95 played tough but lost 6-3, 6-0. Koo, at fourth singles, com-

pletely overwhelmed her opponent 6-1, 6-1. Fifth singles player Kommineni was too powerful for her opponent as she took a 6-4, 6-1 win. At number six, Kringer stayed mentally focused to outplay her opponent, 6-4, 6-4.

Doubles decides Wheaton match

Against Wheaton, doubles proved to be very important as MIT went into singles play with a 1-2 deficit. At first doubles, Matsuzaki/Fan started off down two breaks but managed to get back on serve at 6-6, with Matsuzaki serving. She failed to hold serve, and the Wheaton team held on to win the match 8-6.

At second doubles the pair of Ramnath and Kringer played against tough opponents and lost 8-1. Third doubles pair Koo and Kommineni emerged victorious in a very well-played, tight match, 8-6.

Down 1-2, MIT needed to win four of the six singles matches to take the competition.

Tennis, Page 27

Three Golfers Qualify for ECAC Finals

By Tom Kawamoto
TEAM MEMBER

On Tuesday, Oct. 4, the golf team played in the Eastern Collegiate Athletic Conference Golf Championship Northern New England Qualifier, at Hickory Hill Golf Club in Methuen, Mass. The top three teams and the top 10 individual scorers advanced to the ECAC finals.

Course conditions were very difficult because the fairways were kept long, causing "flyers," shots that fly low and not without much spin. Coupled with the fact that the

greens were rock hard, it made the tournament a contest of who could chip and putt the best.

MIT players were constantly frustrated by seeing their approach shots bouncing wildly off the greens and into rough, sand or hazards. MIT scores were astronomical, with Phil Tracadas '95 leading the team, with 87 strokes, followed by Olivier Burlaud '98 who scored a 92, and Morten Hough '98 who needed 93 strokes. Tommy Kawamoto '96 missed out on qualifying for the finals by one stroke, with a 79.

The following day, MIT drove

up to Crystal Springs, its home course, to host the match against Tufts University. MIT and Tufts have a burning rivalry in golf and after going 0-2 against Tufts last year, the Engineers weren't taking any prisoners this time. Course conditions were ideal, with the sun shining and a nice 15 mph wind blowing.

Kawamoto (77), Brian Schuler '96 (85), Tracadas (85), Hoegh (86), and Mike Lombardi '95 (89) recorded the scores that counted. MIT

Golf, Page 27

UPCOMING HOME EVENTS

- Friday, Oct. 14**
Golf vs. Northeastern University, 1:15 p.m.
Men's Cross-Country at All-New England Championships, 1:30 p.m.
- Saturday, Oct. 15**
Men's Varsity Sailing in Smith Trophy competition, 9:30 a.m.
Women's Soccer vs. Babson College, 10 a.m.
Field Hockey vs. Wheaton College, 1 p.m.
Football vs. Curry College ** HOMEcoming GAME **, 1 p.m.
- Sunday, Oct. 16**
Women's Sailing at National Women's Singlehanded Championships, 9:30 a.m.