Computer virus hits MIT machines

By V. Michael Bove and Harold A. Stern

A computer monitor with an unknown side-effect spread across the Internet network Wednesday night and early Thursday morning, hitting educational, business, and government computers nationwide. At MIT, Digital Equipment Corporation VAX machines in the Media Laboratory, the Laboratory for Computer Science, and elsewhere were hit.

Although the virus does not appear to destroy any files, it is not known yet what other effects it may have on the infected computers. "We are trying to disassemble it to figure out what it does," said Andrew J. Schiller '79, network manager for Telecommunications Systems.

At about 9 pm Wednesday, just before warning messages began to arrive from the University of California at Berkeley, NASA's Ames Research Laboratory, Carnegie-Mellon University, and other affected sites, Pensev Christian SM '88, a research specialist with the Media Laboratory, observed that a large number of programs on the MIT VAX machines were running the popular UNIX operating systems. Christian closed communications with the rest of campus to prevent additional spread of the virus, and a group of staff and graduate students began trying to figure out what was happening. "The target machines seem to be the VAXes and Sun-3x running UNIX," he said.

The virus takes the advantage of bugs in Berkeley UNIX's sendmail software to infect a host machine, Schiller said.

As far as can be determined by MIT's Lab staff, an innocuous piece of mail arrives at a computer and causes a small program to be compiled and executed. This program in turn opens a network connection to some already-infected machine of the same type, replaces a number of pieces of local system software, and deletes itself. The results of the changes to system programs are not fully known, but appear to include using password files to attempt replication by other network protocols.

Although "just about everybody else [on campus] is down," the virus "has not affected Athena as at all," according to Prof. Steve Immernman, director of campus activities complex.

Some of the businesses which were originally located in the Student Center feel that they have been treated "terribly by MIT," as one source said.

According to employees of these businesses who wish to remain anonymous, these MIT union renovations will cost them from $16,000 to as much as $20,000, in addition to monthly rent which they have already paid for the renovations from $7 million to roughly $12 million, and have delayed the opening of the retail space for over two months, according to Stephen D. Immernman, director of campus activities complex.

Indeed stated that there have been problems with some of the Student Center tenants over the labor costs of the renovations. Apparently, the scope center on the fact that the only contracted union labor can renovate the spaces, making the renovation expensive, he explained. And, Immernman is lobbying property owners to pay for better space and value, the tenants have requested for the renovations to their spaces, he added.

MIT visitor committee examines student life

By Andrew L. Fish

The MIT Corporation Visitor Committee will be holding its biannual series of meetings on campus this Tuesday, Wednesday, and Thursday. The committee will focus on the quality of life for international students and also examine a variety of other student-related issues.

The committee will be devoting their Monday morning session to the concerns of international students, who make up 30 percent of graduate students and 8 percent of undergraduates. The committee will discuss the interim findings of a survey of international students conducted last year by the International Students Group (ISG), as well as examine nonacademic service available for international students. There will also be a panel discussion with a group of international students.

Sunday evening the committee will discuss the status of the Office of the Dean for Student Affairs' (ODSA) new freshmen initiatives (such as advisor seminars and improving freshman advising), as well as the goals of the new House Students' Association (HSA), the advocacy committee on Women Students' Issues, and the ODSA staff on the Committee on Student Affairs (the IIG), as well as the MIT new student affairs team.

Other ODSA reports were planned, but none have been issued to date. The committee will receive an overview of the second report at the Monday session.

The committee will also spend an hour discussing the implications of MIT's changing demographics (with more minorities and women in the student body) to student life.

The afternoon session will be concluded with a discussion of efforts to address alcohol and drug use, AIDS, stress, suicide, and other health education issues.

The committee will have an open meeting with students Monday evening. In addition, they will be meeting with senior administration, deans, the President, and the Advisory Committee on Women Students' Issues, the ODSA staff, the Committee on Student Affairs, the IIG, and the MIT new student affairs team.

Other committee members are Student Union President Jonathan Katz '90, MIT visiting committee member Eve L. M. Levinson '87, and MIT Union, the student government at BU, in response to problems that BU experienced with admissions and alcohol and drug visiting groups. BU student John Silver recently instituted a rule prohibiting sorority and fraternity members from entering in their rooms after 11 pm. Other college students expressed interest in forming an organization to collectively deal with student concerns.

The colleges presently in USG include BU, Boston College, Harvard, MIT, Wellesley, Tufts, Northeastern, Bahson, Simmons, and Emerson. According to the USG Constitution, which has yet to be ratified, USG will be "promote the interest of students in the Greater Boston area." A previous attempt at organizing a Boston-area student government, the Boston University Student Coalition, failed two years ago.

Promises, Promises . . . . . . three voices on the election

By Casimir Wierzyński

American elections hinge on Advance Voting more so than ever before. It's the same; if so anyone wanted to predict the outcome of the next election -- which shouldn't be too difficult and if that someone wanted to be scientific, he would look at the candidates' fiscal policies.

Last Tuesday he had the chance to do so with a little help from Institute Professor Robert M. Solow and Professor James M. Petaera of the Department of Economics and Professor Charles Stewart III of the Department of Political Science.


Earl M. Murman, director of Project Athena. Athena uses a centralized mail server rather than running send mail on the workstations, Schiller explained. This email server has no accounts which the virus could use as access, he added. And Athena uses a password file over which the virus could use as access, the other server, which the virus does not.

Apart from any lasting effects that may result from the modified system software, the propagation of the virus itself slowed down operation of computers and brought network communication to a virtual standstill at some times during the day. "It is very virulent," Schiller added. "It is very virulent.

Mail and network transfer services have been turned off at many sites in an effort to prevent further damage. "This has crippled the Internet," Schiller said. "It is comprised of approximately 200,000 computers across the country. A memorandum from NASA Ames, received at Project Athena Thursday, says that the Internet is comprised of approximately 200,000 computers across the country.

By Dawn Noll

The Undergraduate Association Council voted last night to join the University Government, a newly-formed coalition of ten Boston-area student government organizations.

The organization was founded by the Boston College University Student Union, the student government at BU, in response to problems that BU experienced with admissions and alcohol and drug visiting groups. BU student John Silver recently instituted a rule prohibiting sorority and fraternity members from entering in their rooms after 11 pm. Other college students expressed interest in forming an organization to collectively deal with student concerns.

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Delays in renovation hurt businesses

"I was supposed to have been moved by August 1. The rent is tripled for the new slot. We have to pay for the floor, ceiling, electrical wiring, painting, sprinkler system, and we can't even cover ourselves to do it ourselves," another said.

Immerman admitted that the renovated Student Center was expensive but said "has been built to last." He pointed out that MIT as an educational institution could not afford to remodel every five years.

As for the union issue, Immerman claimed it was out of his hands. "At MIT a job like this has to be union," he said. MIT has been more generous to its tenants than is usual in a commercial enterprise, he added.

Several members of the new Student Center as "far superior to the old one and worth the money."

UA joins new student government coalition

University of California at Berkeley and San Diego have adopted a call for the union's role in the USG after MIT's Undergraduate Association (UAC) included in its collegiate members, including MIT's Undergraduate Association (UAC). In response to these concerns, the UAC included in its motion to allow MIT to participate in the USG a clause that "the union labor was actually very expensive in the cat Student Center as the work was so complicated. "I am not sure non-union organizations could deal with the professional standards and workmanship required at MIT," he said.

Computer virus infects machines nationwide

"The only way to truly eradicate it is to fix the bug and to change all of the passwords on the computer," Schiller said.

The Internet has never been infected with a virus of this magnitude, although a "Christmas virus" struck Britain last year, Schiller said. The Christmas virus also utilized the mail system to propagate, but required a user to send the message to run an infected program. This virus does not require any user interaction.

The original of the virus is being traced, Schiller said. No leads has been found so far, he added.
Indian troops mobilize to quell unrest in the Maldives

Troops from neighboring India arrived in the Maldivian capital of Male, and mercenaries who tried to stage a coup are said to be firing. Two other Maldivians argue that the President of the island nation is safe. According to one, "The situation is under control. Everyone is all right." The Maldives, located in the Indian Ocean, may not be familiar to many Americans. But many Europeans regard the islands as a tourist Mecca—a sort of Asian version of the Caribbean Islands. The tourism industry exists despite the enforcement of strict Islamic rules on the main island. Other islands are set aside for tourists, where alcohol beverages and skimpy swimwear forbidden to Maldivians are permitted for foreigners.

Religious fringe to determine outcome of Israeli elections

Four religious parties that hold the balance of power in Israel’s next government are naming the prime for their support. The Orthodox and ultra-Orthodox parties picked up 16 seats in Tuesday’s parliamentary elections. Neither the left-wing Labor party nor the right-leaning Likud bloc won a majority. Among other things, the religious parties mustavo Cabinet posts and an end to public entertainment on the Sabbath.

AMA challenges smokeless cigarettes

The American Medical Association has gone to court to challenge a broad distribution of the now-called "smokeless cigarettes"—a product of the RJ Reynolds unit of RJR Nabisco. The AMA’s lawsuit targets smokers in Arizona and Missouri, where the product is being tested market. It argues that so-called "light" cigarettes must be judged "safe for human consumption" before they may be placed on the market. In April, the nation’s largest and most powerful association of doctors declared it will challenge Administration to regulate the new product as a drug. The FDA is considering whether the agency responsible for preventing drug smuggling has a drug-free workforce.

Iran demonstrates on anniversary of embassy takeover

There was a familiar chant in Tehran Wednesday outside what used to be the United States embassy. Iran’s official news agency reported thousands of Iranians shouting "Death to America" to mark the 1979 takeover of the embassy. On Nov. 4, 52 Americans were taken hostage and held for 444 days.

Walesa to cooperate with government

Polish labor leader Lech Walesa said his outlawed Solidarity labor federation will change policy and try to work with a government-backed union to save the giant Lenin shipyard. Walesa’s announcement came before 10,000 workers whose jobs are threatened due to the government’s decision to close the yellow in Gdansk. Walesa added that a strike would only make matters worse.

Vietnam to turn over remains

US and Vietnamese officials in Vietnam will give the United States at least 21 sets of remains that may be those of American MIAs. Sources in Bangkok said the Vietnamese have already given the United States at least nine names associated with the remains. But a U.S. lab in Hawaii will do the job of confirming the preliminary Vietnamese analyses.

Feng Shui

Gerald Brawl ’88

Gerald Rivera suffered a broken nose by a flying chair on his talk-show set in New York last evening as he tried to break up a fight involving right-wing "skidmarks" and black civil rights activist Roy Innis.

The brawl broke out when one of the guests on the show, John Metzger of California, began shouting racial remarks at the audience during the taping and called Innis a "Uncle Tom," according to a spokesperson for the syndicated "Geraldino" show.

Innis walked over to Metzger, his fists clenched, then turned to another young man next to him who was warning him off. Metzger then began to stand and Innis put his hands around Metzger’s neck.

The videotape shows that supporters of Metzger then moved toward Innis, punches were thrown and audience members — more skidmarks around the set — stood up.

At one point, a chair was thrown and Rivera was struck in the head. Rivera, bleeding at blood on his nose, called for calm as several pushing and shoving matches continued around him. Eventually, studio security escorted the skidmarks out, and Innis continued the show.

The show’s spokesperson says Rivera declined medical treatment and taped two more shows.

In a statement, Rivera said, "These racist thugs have to know that we’re not backing down. . . . They’re like cockroaches, you just have to keep flipping the light of exposure." The show’s topic was “hate-mongers,” and featured the White Aryan Resistance Youth, the American Front and Skidmarks of the National Resistance.

A police spokesperson says Rivera declined to press charges; no one was arrested and no other injuries were reported.

Cryptic Crosswords

Each clue includes the length of the answer, a definition in normal crossword style, and the answer itself, hidden in anagram. For example: Date with state is merely average (4) [J. Yen will create the state within state is merely average (4)]

Across
1. Beset by one limb, next consumed her roast (20) [Objective accuracy (5)]
2. Dial-up, or opener? (5) [Dial-up opener? (5)]
3. Listening device buffers Guevarra in try at betrayal (9) [Listening device buffers Guevarra in try at betrayal (9)]
4. Normal precipitation for the month is 4.00 inches (9) [Normal precipitation for the month is 4.00 inches (9)]
5. State within state is merely average (4) [State within state is merely average (4)]
6. Later, women chopped wet fruit (10) [Later, women chopped wet fruit (10)]
7. \[i\]
8. \[i\]
9. \[i\]
10. Frequency develops in eastern North Carolina. (13) [Frequency develops in eastern North Carolina. (13)]
11. The area is all over (13) [The area is all over (13)]
12. 
13. \[i\]
14. 
15. \[i\]
16. 
17. 
18. 
19. 
20. 

Down
1. Little sheep deflected by cold fire (7) [Little sheep deflected by cold fire (7)]
2. The 5599 of "Chains and the Professor" (3) (Chains and the Professor (3)]
3. Weather develops in eastern North Carolina (13) [Weather develops in eastern North Carolina (13)]
4. Trend factor that makes for calm as several pushing and shoving matches continued around him (13) [Trend factor that makes for calm as several pushing and shoving matches continued around him (13)]
5. Filled by memory (10) [Filled by memory (10)]
6. \[i\]
7. \[i\]
8. \[i\]
9. \[i\]
10. \[i\]
11. \[i\]
12. \[i\]
13. \[i\]
14. \[i\]
15. \[i\]
16. \[i\]
17. \[i\]
18. \[i\]
19. \[i\]
20. \[i\]

November almanac

In November the Gulf of Mexico starts to get going as a storm "factory"—sending its products through northern Florida, and up along the east coast. While these storms typically bring quite a bit of rain, some also help snowfall to New England during November of past years. The average high temperature for this month is 51.7°F and the average low is 38.7°F giving a normal month. The average is cooler than the average low temperature for the month of 45.2°F. The normal precipitation for the month is 4.00 inches. November days are a mixture of rain, snow, and sleet. The average number of days with measurable precipitation is 10. Today low pressure will intensify as it moves into the southern Great Lakes region. High pressure will move offshore allowing milder air to enter the area. The normal is expected to slow, and the cold front will finally start Sunday as low pressure develops in eastern North Carolina.

Today: Becoming partly cloudy Winds southwest 10 mph. High 58°F

Tuesday: Partly cloudy with a few showers up north. Winds southwest 10 mph. Low 49°F

Wednesday: Becoming mostly cloudy. Winds south 10-20 mph. High 60°F. Low 49°F

Thursday: Mostly cloudy with rain becoming steadier. High 60°F. Low 50°F

Friday: Gusty north winds. High 65°F. Low 50°F

Compiled by Paul M. Amick and Darrel Tarasewicz

Forecasts by Michael C. Morgan

Weather
To the Editor:

I would like to bring to the attention of the MIT community the lack of three institutions at MIT, specifically the family owned Burley Shop, Oxy-Gen, and Cleaner businesses in the Student Center, which have collectively been at MIT for over 150 years. In the process of Student Center renovations, they have been subject to the following:

- They must pay on average $16,000 to renovate their space.
- They lost half their business during the remodeling and had to dip into savings.
- They lost their business leases, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously with-
Bush campaign tries to hide the truth

To the Editor:

The George Bush-Dan Quayle campaign has been waging a war of misinformation in an attempt to distort the issues facing the American public and to smoke out the effects of Reagan-Bush policies of the last eight years. In 1980, one of Reagan's campaign promises was a balanced budget to be achieved by federal spending cuts. However, the budget deficit in 1988 is twice as large as it was in 1980. In 1988 the cost of servicing the foreign debt was $23.5 billion; more than $1 trillion of domestic assets are owned by foreigners. Furthermore, in the last eight years, the United States has been transformed from the world's largest creditor nation to the world's largest debtor nation.

In addition, the only cuts in federal spending have been misplaced. The budgets for domestic programs, which have exacerbated problems in urban areas. The number of homeless people in the United States has increased alarmingly, while funding for housing and shelter programs has been cut without Bush demonstrating his lack of awareness by labeling the homeless as mentally ill. In fact, one third of the homeless are women and children, and another third are Vietnam veterans.

George Bush claims that the solution for social problems in the cities will come from private service organizations, which he called "thousands of points of light," but these "points of light" are suffering from acute shortage of funding. For example, the Boston Food Bank, which provides food for all the public service organizations in the greater Boston area, has recently been notified that it will no longer receive daily shipments from the government.

In other areas, deregulation in the Environmental Protection Agency has led to a free-for-all in which environmental concerns take second place to industrial profits. The result is a degradation in the quality of the environment.

Finally, the Reagan-Bush administration has cut funding for student loans in an issue that affects students at MIT particularly considering the prohibitive costs of tuition. Do we want college education to be a privilege afforded to only those born into sufficiently wealthy families?

Michael Dukakis has the leadership and the vision to make this country better. As governor, he has balanced 20 state budgets while increasing the quality of education and health care through his state-wide policies. The governors of all 50 states recently voted Dukakis as the most effective governor in the United States.

The Bush-Quayle campaign has disparaged Dukakis' foreign policy experience, but Dukakis has as much foreign policy experience as Reagan did entering the Presidency in 1980. Dukakis respects the judicial system and the Constitution of the United States; he will uphold the rights of all US citizens.

At this point, every citizen's vote counts. We urge you to vote for Michael Dukakis and halt the negative trends that are visible in so many of our national institutions.

Susantha Bellare '89
Arun Valanthan '89

Movie documents deal between US and Iran

To the Editor:

We have recently seen the documentary "Cover Up — Behind the Iran-Contra Affair," produced by the Empowerment Project and released on videocassette by MPI, and are greatly disturbed by the strong evidence that Iran's release of 52 hostages on January 20, 1981, was delayed past the 1980 presidential election through an arms deal made between Reagan, Bush, members of the CIA, and the Ayatollah.

This deal involved Iran's holding the hostages until after the 1980 election to help insure a Republican win. In return, the Reagan-Bush campaign promised to sell arms to Iran.

Among the evidence presented in the movie is a receipt for arms sold to Iran dated March 1981, and the testimony of Barbara Hoetinger, a member of Reagan's campaign staff, who claims that an arms-for-hostages deal had been made in October of 1980.

In addition, an excerpt from a letter from Jimmy Carter to Playboy in the October 1988 issue of the magazine stated that in late summer of 1980, Carter had heard that Reagan and Bush had been negotiating an arms-for-hostages deal with the Ayatollah, but at the time, chose to ignore the report. The Playboy article also includes the testimony of Iranian ex-president Bani-Sadr, who states that it was George Bush himself who met with representatives of the Ayatollah in Paris in October of 1980 to consummate the deal.

This evidence has not been investigated by any of the major newspapers. We strongly encourage all members of the MIT community to see the videocassette of "Cover Up" before November 8 and evaluate the evidence for themselves.

Bruce Larson '89
Doris Lin '89

You've thought about it.
You've tried to imagine what it would be like.
You know it would be exciting. And a challenge. And quite possibly the most rewarding experience of your life...

Three Americans overseas in Asia, Africa and South America speak frankly on what Peace Corps life is like for them. It isn't easy and it isn't for everyone—they'll tell you that up front.

But if you've ever considered going overseas in the Peace Corps, then now is your chance to see and hear for yourself what could be "the toughest job you'll ever love."

Note: Former Peace Corps volunteers will be on hand to answer questions following the 25 minute film. And it's free!
Microsoft

Distinguished Lecturer

William Gates
Microsoft Corporation

“The Future Goals and Directions of Microsoft”

Tuesday, November 8, 1988
4:30 - 5:30 p.m.
Sloan School of Management
Bowen Hall, E51-329
Thinking about your education.

What is most important about your education often becomes evident only long after your formal schooling is over. By then, many critical opportunities to realize your potential may have irretrievably passed.

We’ve combined our perspective as educators and engineers to present a guide to thinking about the education you are seeking.

Our topics will include:
1. The purpose of education.
2. Your own responsibilities for your education.
3. Pressure, self esteem and confidence.
4. The foundations of creativity.
5. Understanding and communication.
6. What is college preparing you for?

These guides will appear over the next few months.

Note: Please see an important announcement in this issue concerning the Bose Fellowship in Electrical Engineering.

Bose Foundation
The Mountain, Framingham, MA 01701-9168

TAKE A $4000 BITE OUT OF YOUR TUITION

This year, with the new UPS tuition reimbursement program, you can take a big chunk out of your college costs with a part-time package handlers job.

Eligible shifts for our plan in our Norwood facility are:
10:30 pm - 2:30 am (approximately)
4:00 am - 8:00 am (approximately)

UPS Package Handlers make $8-9 an hour to start, and there’s no experience necessary! There’s lots more juicy benefits too, like steady, part-time 3 to 5 hour shifts to fit your school schedule, full-time benefits for part-time work, chance to advance to a part-time supervisory position before graduation and the opportunity to get paid to shape up.

Start harvesting the UPS fruits today with our $2000 per semester (up to $4000 per year) tuition reimbursement plan. But act fast. You must be hired before our November 17 deadline to be eligible for this semester’s reimbursement program.

For more information call us at (617) 762-9911 or contact your student employment office.

UPS... for Unlimited PotentialS

UNITED PARCEL SERVICE
... for Unlimited PotentialS
Always an Equal Opportunity Employer
Fishbone’s unique and grown-up style thrills Axis crowd

FISHBONE
With Schools Out
At the Axis, October 26

By MARK ROMAN

T RUTH HERTS AND SOUL HEADS, or so says the new album, Fishbone. But is it Hebrew or is it? Fishbone checked in Wednesday night for a long overdue therapy session in Boston. The sold-out crowd was in desparately need of the healing touch of this Los Angeles scene’s unique style. Since their spring tour, when they were opening for the LA band the Red Hot Chili Peppers, Fishbone has tightened up its collective chops and earned a well-deserved spot in headline bookings.

A huge crowd walked on the streets until well after libbies before the doors were finally opened. By the time the band took the stage, the packed Axis was cooking. Literally, "Look!" said trombonist Chris Dowd, "there’s sweat dripping from the beans. I think that’s kinda cool." Credit goes to the band for whipping the energetic crowd into a rabid, claustrophobic, stage-diving frenzy. Credit goes to Dowd for swinging off into the low-hanging stage apparatus and showing the crowd how to do it right.

There’s no doubt the band put in a superlative performance. Balanced against the bad-ass hiphop of drummer Fish and bassist John Finer (a smallish Magic Johnson look alike) were the R & B horns of vocalist Dowd and backup vocalist Angela Moore on sax. Dowd played trombone still an over-enthusiastic stage-driver inadvertently crushed his instrument. He stuck with his trumpet for the rest of the set. Guitarist Kendall Jones added gritty chops from the Parliament/Funkadelic book. It was the kind of playing the VOD heavy metal set can only dream about.

Biggest and baddest of the night was the Fat Albert theme, a Fishhouse favorite, and "Freddie’s Dead," a cover of an old Curtis Mayfield song which is on the new album.

Fishbone takes the Fat Albert as their anthem, a song which they use to confront the drug menace head-on. "We’re gonna have a good time, indeed. Twenty years have made this Curtis Mayfield song more timely than ever. The band played it with a fiery passion, a personal involvement borne out in the music. One could not help but to move and dance and thrill to the beat.

"Freddie’s Dead" was reprised later on the in the set, as there was plenty of unspoiled energy beaming through in that tune. Interpreted were "Party at Ground Zero," and "Slow Box Movin’ (Howard Beach Party)," a searing indiction of the Quoza racial incidents.

Good music, wild times, bruises and sweat, material that matters — Fishbone shows they’ve grown up. The band displays a rare coupling of musicianship, satirical lyrics and social commentary that brings to mind the twisted genius of a George Clinton or Frank Zappa, except Fishbone isn’t quite that twisted. They have a sharp edge, just like a razor. Theirs is a focused message and an inspired performance. Leave it to Fishbone to break all of the rules and still remember to move the house.

How to stand out in a crowd.

The American Express Card gets an outstanding welcome virtually anywhere you shop, whether it’s for a leather jacket or a leather-bound classic. Whether you’re bound for a bookstore or a beach in Bermuda. So during college or a graduate, look into our new automatic approval offers. For details, pick up an application or a student application. The American Express Card. Don’t Leave School Without It.
Robert Plant can electrify crowd without Jimmy Page

ROBERT PLANT

Worcester Centrum, October 30.

By ALFRED ARMENDARIZ

ROBERT PLANT, who can electrify crowd without Jimmy Page, played his first-ever solo show at the Worcester Centrum, and brought their solo tours to the area its second look at his solo work. The Blackhearts played with a 30 minute mixture of old American Blues classics. The staging included an elaborate lighting setup and revolving circular screen on which special effects were shown. Unlike many rock shows today however, the special effects did not overshadow the music or musicians - Plant and Co. skillfully used the effects to build excitement throughout the show.

Robert Plant and his quintet of musicians performed a tight, 90 minute set that featured songs from Plant's days with Zeppelin, his solo work, and a couple of American Blues classics. The staging included an elaborate lighting setup and a revolving circular screen on which special effects were shown. Unlike many rock shows today however, the special effects did not overshadow the music or musicians - Plant and Co. skillfully used the effects to build excitement throughout the show.

The first songs of the night highlighted Plant's solo work and included a powerful rendition of "Billy's Revenge" from his latest album Now and Zen. Though recent Plant-Page reunions have featured songs from Plant's days with Zep- pelin, his solo work, and a couple of American Blues classics. The staging included an elaborate lighting setup and a revolving circular screen on which special effects were shown. Unlike many rock shows today however, the special effects did not overshadow the music or musicians - Plant and Co. skillfully used the effects to build excitement throughout the show.

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The one bit as energetic and fresh as the newer music. Plant then proceeded to mix new and old with songs like "Misty Mountain Hop" and "Going to California." Plant closed the show with a thunder- ing rendition of "Communication Breakdown" from Zeppelin's debut record. Though recent Plant-Page reunions have given Zeppelin fans a lot to cheer about, Plant showed in his concert Sunday that he can still electrify a crowd, with or without Jimmy Page.

Photo courtesy Donna Coventry, MIT News Office

MIT Concert Band conductor John Corley got into the spirit of things for the Band's Halloween Concert in Lobby 7. Corley is seen here conducting Mortin Gould's Jericho, which was the highlight of the program. The band played bright and clear for this piece; the sound coming from the choirs of trumpets placed strategically on the balconies surrounding the lobby was particularly exciting. The festive Fantasia for All, 68 composed and conducted by Charlie Margis was also nicely done, as was the Marche Bravoure by Andrew Kazdin, conducted by Corley. Appreciation of some of the other, denser, pieces needed an "acquired taste," which not all in the audience possessed, but the concert as a whole was successful.

COMING SOON...

election/survey for Senior Gift in LOBBY 10

Monday, November 7 through November 10, 1988
Identities change hands in newest Woody Allen psychodrama

ANOTHER WOMAN
Written and Directed by Woody Allen. Produced by Robert Greenhut, Jack Rollins, and Charles H. Joffe. At the USA Nickelodeon and Harvard Square.

BY AARON MCPHERSON

The concept of "finding oneself" through the help of an outsider, a designated observer, is central to Woody Allen's work. Romance that almost every Allen movie has the main characters going for analysis try to make some sense out of their crazy lives. Allen's audience tend to themselves be a source of much mirth: Annie's psychotronic omen Hall, for example, is the one who cries over the phone. Again, in Zelig, the story revolves around the main character's relationship with the female doctor who is trying to help him find his true identity.

The comedy results from the observer's tendency to get involved with his or her subject, and the double identity crisis that arises. The observer identifies with a subject who has no identity, and loses his or her own.

Another Woman is Woody Allen's most direct treatment of this theme. It is the story of Marion (Gena Rowlands), a philosopher and writer in her fifties who overcomes an analysis with her patient through a heating duct and realizes that the patient's problems are in fact her own.

Emphasized as her own overview, Marion throws some pillows across the duct to muffle the sound. However, the first night one of the pillows falls away and she hears the mysterious confession once more. As she furrows, translated by the voice of the sobbing young woman, she conjectures events from her past parallelizing those of the patient upstairs.

The mysterious patient is a young pregnant woman named Hope, played by Mia Farrow. (This is her eighth Woody Allen film.) Hope's name, symbolically, is an ancient painting of a pregnant woman. Hope is herself in her ninth month. The two women's thoughts parallel each other. Marion's voice is in the voice-over narration. Hope's is in the weekly confessions. They finally meet in an antique store and go to lunch, where Marion pours out her doubts and hangups. After this, their paths diverge; the next day, Hope has her last session with the analyst, having resolved in light of her conversation with Marion not to make the same mistake.

This leaves Marion the task of fixing the damage that years of neglect have done to her happiness.

Psychological drama is extremely difficult to do, for the primary reason that most of the "action" is internal and is not easily externalized. Perhaps the best way of doing it is through flashbacks and dreams, because then one does not have to worry about the symbolism overwhelming the story. Indeed, the strongest moments in Another Woman are these types of scenes.

Unfortunately, there is also quite a lot of the other method, which is to have the character look profoundly concerned while her disembodied voice relates a confession of woe. Thought-speak never works, mainly because it is more of a literary form of expression than a visual one. What works wonderfully well in books and on the radio does when it is put on screen, because the visual component persistently gets in the way. As a result, the first ten minutes of Another Woman are terribly awkward and uninteresting. Once we have our first flashback, however, the movie takes off and remains good for the duration.

Woody Allen is known for his comedies, not his dramas. His talent for meaningful exaggeration, wonderfully effective in something like Manhattan, hurts his dramatic work by rendering it unbelievable. The symbolic imagery and events in Another Woman are painfully obvious and contrived, provoking fascination in the audience instead of insight into the characters' concerns. The painting "Hope" is the worst offender; it has no role in the narrative except to act as a symbol. As a result, it means everything: A fresh start, commitment, fertility, hope, etc., etc.—and nothing. We don't need it.

The story itself is too neat, everything works out so cleanly, it comes off like a psychoanalyst's case study. What is really needed is subtlety and economy. Fortunately, the acting, directing, and writing are so strong in Another Woman that it is saddled despite its flaws. Ian Holm is marvelously cast as the husband without a soul. Marion's father is brilliantly played by the late John Houseman, and the rest of the cast is similarly strong. The film glimmers with intelligence, and that alone is rare enough to make it worthy of note.

Woody Allen deserves praise for doing what challenges and interests him, rather than taking the much more lucrative route of continuing to produce neurotic comedies. Instead, he is directing more attention than the drama before it, September, received. Don't write it off.

Harvard-Epworth United Methodist Church
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opposite Cambridge Common
Sunday Worship: 9 and 11am
Undergrad Forum: 5:30 PM

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If you'd like to learn more about AIG, we invite you to interview with us on campus on MONDAY, NOV. 7, 1988.
Eerie Metamorphosis Film is More Kafkaesque than the Book

THE METAMORPHOSIS

Directed by Ivo Dvorak

Based on the story by Franz Kafka.

With Orson Welles' The Trial (1962).

Opens today at the Brattle Theatre.

Runs through Thursday, November 10.

By MANAVENDA K. THAKUR

The word "KAFKAESQUE" has become synonymous with nightmarish, monstrous, and surreal — but this Swedish film version is more Kafkaesque, more nightmarish than Kafka's own story, and perhaps even more strange is the fact that the film's director Ivo Dvorak never read the book and is now a plumber in San Francisco. Dvorak's approach is to eliminate all traces of humor and then to alternate between translating Kafka's powerful words and rephrasing them with cinematic trickery. While this does result in some jarring moments, the overall effect will not work for those who have already read the book. They will see more of Kafka's book than Dvorak's interpretation.

Kafka's story is about the trials and tribulations of a young Czechoslovakian salesman named Gregor Samsa who wakes up one morning to discover that he has "changed his in bed into a monstrous vermin" — a huge cockroach-like creature. But despite the bizarreness of the story's premise, Kafka also weaved in several moments of absurd comedy, which are completely missing from the film. While the book is a story of laughter, the film is a story of deadly seriousness. This lamentably works to its detriment, because other parts of the film are often remarkably faithful to Kafka's story. At least some of the ways a book or novel can become greater is by taking advantage of the strengths offered by the written word, such as its ability to discuss ideas, convey thoughts, and provide the imagination rather than dictate it. Usually, there's little point to watching a film that is a mirror reflection of the book, because one may as well just experience the original form. And just as with any translation, something is almost always lost when a written story or novel is made into a film. The best that one usually hopes for is that the film's director will respect what was lost with something of equal (or hopefully better) cinematic value.

Dvorak has, in fact, infused his version with directed pan-and-tilt shots of the cockroach-like creature that evokes a nightmarish and fractured world. For example, in one sequence, the camera scuttles along the floor to a door, pushes the door up until it bumps with a sickening "thwack" into a ridge in the wall, climbs over the ridge up to the ceiling, tracks upside-down on the ceiling, begins executing 360-degree turns in midair, and finally crashes to the floor with a loud "thump" — and all in one single shot (or take). Add to this a diabolical view through fly-eye lens and sepia-tone colors, and the effect becomes harrowing instead.

What makes the film's work even more frighteningly incomprehensible is that several events introduced and explained in the book are shown only momentarily on-screen with little or no elucidation. For example, when Gregor first unlocks the door of his bed chamber after his metamorphosis, his parents recoil in horror as Gregor presents a picture of himself taken in his army days when he was still a human. In the book, it's clear that this act is an ironic reminder to Gregor that underscores what he has lost as well as what he has become. In the film, however, the camera seems only to offer a quick glimpse on the picture and then cuts away. Those who have not read Kafka's story will probably come out with the unmistakable feeling that there must be a postpone somewhere for such shots, but that it's always hidden just beyond their reach — which is quite fitting as Kafka's underlying intention was to make his story so evasive that one can get lost in it.

But for those who have read the story (which is only about 55 pages long and can easily be read in an hour or so), the film's obfuscations only make the story much more transparently obvious. Readers of the story will know 20 minutes ahead of everyone else that the three strange men in the Semana home are boarders who have rented the room next to Gregor's. Another kick that is easily unavowed by readers of the story is the unusual and confounding technique of beginning in voice-over a conversation between Gregor and his boss while showing images of a past encounter between Gregor and his boss. And when Gregor's sister Grete gets annoyed at her mother for cleaning Gregor's room, the film simply emphasizes the ambiguity of Grete's motivations, whereas Kafka creates a compelling nexus by the playing the irrationality of his explanation against the impossibility of it.

The entire film isn't like this, of course, because there are some wonderful moments of much, much surpassing that book. The ending especially can be savored by those who have read the story, because the film begins to use full-color to create an entirely different world. But in truth, there aren't enough moments like this one to make the film meaningful to those who haven't read the book. Those who haven't read it will undoubtedly be the ones who will be able to appreciate most the bizarre-ness permeating Dvorak's cinematic version.

If you live in Cambridge or parts of Newton and Somerville, you'll have a fifth question on your ballot on November 8, a referendum having to do with the Middle East.

"I'm opposed to Question 5 because I really care about peace in the Middle East." — Joe Kennedy

"I am opposed to Question 5... it is so worded that, if passed, it will be used as a lever to force Israel into concessions without exerting pressure on the Arab states, which remain hostile to Israel's existence. This does not serve the cause of peace." — Barney Frank
The Tech Performing Arts Series presents

KAZUHITO YAMASHITA
Japanese guitarist Kazuhiito Yamashita achieved critical acclaim in a series of recitals with James Galway. He makes his Boston solo viola debut with a program including Messiaen's "Périodes" as an Exhibition, and works by Bach and Britten. MIT price: $5
Jordan Hall at the New England Conservatory, tonight at 8 pm.

TAMBURITZANS
The Tamburitzans of Duquesne University, wearing colorful and authentic costumes, will present a kaleidoscopic impression of the most fascinating and romantic parts of the Balkans and neighboring lands, bringing dances, rituals, songs and folklore to life. The Tamburitzans of Duquesne University, wearing colorful and authentic costumes, will present a kaleidoscopic impression of the most fascinating and romantic parts of the Balkans and neighboring lands, bringing dances, rituals, songs and folklore to life.
Jordan Hall at the New England Conservatory, tonight at 8 pm.

BEETHOVEN VIOLIN CONCERTO
Tanara Sinitsyna-Siijar, Concertmaster of the Boston Pops Orchestra, will be soloist in a performance of the Beethoven Violin Concerto, with the Pro Arts Chamber Orchestra conducted by David Gilbert. Thomas Hanson will be soloist in Mozart's Horn Concerto, K. 412 & K. 114, and Stravinsky's "Dumbarton Oaks" and Beethoven's Coriolanus Overture will also be on offer. MIT price: $5
John Hancock Hall, tonight at 8 pm.

PETER CHILD WORLD PREMIERE
MIT professor and composer Peter Child will have his new work "Estrelie: The Assassination of Augusto Cesar Sandino" given its first performance by the Cantata Singers & Ensemble, directed by David Estrella: The Assassination of Augusto Cesar Sandino
Jordan Hall at the New England Conservatory, November 9 at 8 pm.

The Massachusetts Institute of Technology cordially invites the students of the Massachusetts Institute of Technology to an information session on careers in investment banking.

Wednesday, November 9, 1988
Room 4-163
7:30 p.m.

Bain & Company, Inc.
Management Consultants
cordially invites
The Massachusetts Institute of Technology
Classes of 1989 & 1990
to a presentation and reception on
Associate Consultant
Career Opportunities
and Internships in
Corporate Strategy Consulting

- Boston
- San Francisco
- London
- Paris
- Munich
- Tokyo

Thursday, November 17, 1988
Room 4-270
7:00 PM
ARTS
Billy Bragg mixes political message with sweet songs

Billy Bragg
With Michelle Shocked, Weddings, Parties, Anything, and Barry Croomans.
Opera House, October 28.

By DEBBY LEVINSON

"W e r e the second leg of my autumn tour," proclaimed Billy Bragg during his concert last Friday night at the Opera House. He was referring to the multi-group tour presented by Van Halen, and it was an accurate comparison: Bragg was collaborating with Michelle Shocked, the Australian quintet Weddings, Parties, Anything, and comedian Barry Croomans in an evening of folk-rock with decidedly socialist leanings.

Billy Bragg is never one to cooch his politics in vague pretenses and platitudes; he is incredibly outspoken, and according to his colleagues in Red Wedge, the Socialist musicians' alliance he co-founded, he would "stop to serenade a stray pony if he thought he could convert it to Socialism." Nevertheless, not all of his songs are anti-Thatcher or anti-Reagan diatribes; Bragg also writes tender and wistful love songs, often about failed relationships.

As always, Bragg took the stage alone, save for one and a small amplifier. This limited setup was more than enough to lend sonorities and powerful distortion to "Like Soldiers Do" or to give the bitter love song "Myth of Trust" a moody and morose aura. After a lengthy introduction and a few sharp jabs at self-pitying rock group The Smiths, Bragg leapt into the popular single from his Talking With The Taxman About Poetry LP, "Greetings to the New Breton." This song was followed by a couple of songs in which Bragg conversed about a first love in "The Saturday Boy," in which the trumpet solo was ably replaced by an accordion. Even better than "The Saturday Boy" was "Valentine's Day Is Over," a moving song about domestic violence from Bragg's latest album, Worker's Playtime. Introduced by the very pregnant Cara Tivey on piano, Bragg sang the part of the husband, bruised wife: "Your ideal of justice just becomes rougher and rougher." Troy's piano also accompanied the next song, "Jerusalem," a hymn by Liam Blake. Performed with only piano and voice, "Jerusalem" was positively mesmerizing.

Billy Bragg managed to stage himself, however, with his (Please turn to page 14)

For MIDDLE EAST PEACE VOTE YES ON 5

On November 8th

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Gensym is developing real time expert systems for on-line, intelligent monitoring and control of large, complex systems. The founders are a team of professionals with extensive experience in Lisp, Artificial Intelligence, User Interface, and Process Control technologies, a strong product orientation, and extensive experience in sales, marketing, and support of real-time expert systems.

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Contact: Andreas Hofmann
Gensym Corporation
125 Cambridge Park Drive
Cambridge, MA 02140
(617) 547-9806

Gensym
Real-Time Expert Systems
Billy Bragg visits Boston

(Continued from page 13)

Two more political songs fol-
lowed "Oliver's Army": "There is
Power in a Union," dedicated to
the striking Harvard union, and
collegial "The Rent is Too High, No-
Youth-of America," during which
Bragg cried "Where was
Jesus?" to the delight and ap-
nreciation of the crowd.

Like her British counterpart
Billy Bragg, Michelle Shocked
was a singer whose political
positions were integral part of her
work. Shocked's songs were en-
joyable foot-tapping tunes with
an edge; spiritual similarities to The Pogues,
her own references to a prominent
private 

an integral part of her work.

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joyable foot-tapping tunes with
an edge; spiritual similarities to The Pogues,
her own references to a prominent
private 

highlights the muddy Texas backroads,
which was not only "rabble-rous-
ing" but consciousness-raising as
it best when she called one of her
songs "subtle rabble-rousing.

Perhaps Michelle Shocked put
it best when she called one of her
songs "outrageous, but consciousness-raising"
for Jesus in "The Campus Cru-
date" or the murder of a New
York police officer in "Graffiti
Lincoln," that is.) Her fifty-
minute set included a "East Ten-
nessee Trilogy" of songs about driv-
ing the muddy Texas backroads,
playing with matches, and as-
tending the annual Gilmer Van-
Buren, a sweet potato festival.
After a series of amusing vegeta-
table puns in the lyrically anti-
Renee tune "Garden Salad De-
journages," Shocked performed
as a cappella song written by
Stevie Wonder. "The Ballad of
Penny Evans." At one wrench-
ging and enthralling, "Penny Ev-
ans" was the highlight of Shocked's set, a perfect blending
of her folk aspects with her polit-
ical sensibilities.

Weddings, Parties, Anything
opened the show after a ten-min-
ute set of barbed election-year
humor by Barry Crimmons.

Sign up at the MIT Placement Office (Rm 12-170) for an interview
with our recruiter on Friday, November 4.

The Next Move is Yours.

CADCAD Design Systems is the industry leader in designing and manufacturing
tools for integrated circuits. The company's products cover the entire spectrum
of Computer-Aided Design tools from schematic capture, simulation and test,
through automatic layout generation, to design verification, to pattern generation.
We are at the forefront of CAD design, utilizing the latest algorithms and
approaches from this and many other fields to stay at the cutting edge in terms of
speed, flexibility, and capability. The software is developed primarily on
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We are looking for people with a strong technical background in engineering
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bution to this fast growing field. There are challenging opportunities
of the highest level as well as for those with advanced degrees. Some areas we currently
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- SIMULATION
- LAYOUT VERIFICATION
- PLACE AND ROUTE
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- PERFORMANCE VERIFICATION AND OPTIMIZATION

You can make the right move too!
Sign up at the MIT Placement Office (Rm 12-170) for an interview
with our recruiter on Friday, November 4.

An Invitation to all Students

The MIT Corporation's Visiting
Committee on Student Affairs will be at the Institute on November 6-8, 1988.
Please join us on Monday November 7
at 9:00 a.m. in the Bush Room for
a discussion relating to the quality of life
for international students at MIT.

We extend a special invitation to you

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Chemical, civil, electrical & mechanical engineering majors
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RECRUITERS WILL BE ON CAMPUS:
Monday, November 7, 1988
Applications are available at the Recruitment Office,
77 Massachusetts Avenue,
(617) 253-4733.
Three professors offer opinions on election

(Continued from page 1)decisive voters hungry for an answer. Stewart opined with a criticism of the American electorate. To win, he argued that the campaign is not devoid of issues - people are just too lazy to dig them up. To be sure, he said, neither candidate has issued "a clarion call," but that doesn't excuse the American people from doing their homework.

Addressing the issue of "dirty campaigning," Stewart claimed that politics is dirty by nature since it involves grabbing power. In fact, according to Stewart, this campaign hasn't been especially dirty.

Muddling used to build camaraderie within parties; now it's just mud, Stewart said. The dirty campaign is not devoid of issues - people are just too lazy to dig them up. To be sure, he said, neither candidate has issued "a clarion call," but that doesn't excuse the American people from doing their homework.

The audience was intrigued, but they still could not choose a candidate. They wanted more. And Poterba gave them what they wanted: a red, razzle-dazzle analysis of domestic tax policy. Specifically, he compared the candidates' plans to deal with what voters consider America's most pressing problem: the deficit.

Poterba noted, but this certainly wasn't balance any budgets. According to Stewart, this campaign hasn't been especially dirty. But Poterba wasn't convinced the "tax-gap" figure was accurate. He thought that the IRS in full-tilt could gather at least $86 billion per year.

An Announcement

Bose Foundation is sponsoring a full one-year fellowship for a first year graduate student in electrical engineering and computer science at MIT.

The fellowship is for the full amount of tuition for the fall and spring terms (1989-1990) plus a stipend of $1000 per month for nine months (based on current tuition this is approximately $24,000).

Nomination for the fellowship will be by faculty recommendation or by direct application by the student.

For more information, contact
Graduate Office or write:
Bose Foundation
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Framingham, MA 01701-9168
Attn: Susan Herman

- Saundra Graham missed 183 votes out of 684.
- In 1987, she was absent for 167 out of 624 votes.
- Her absenteeism puts her in the Top 10 "No Show" Hit Parade.

ALVIN THOMPSON will provide full-time progressive leadership.

Vote For ALVIN THOMPSON, The Democratic Nominee, On November 8th!
Would You Like To Add Anything?

We will be interviewing on campus Tuesday, November 15, 1988.

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We are an equal opportunity employer.
“One of the great things about working at Microsoft is that it is the center of the microcomputer universe. We get our hands on the latest hardware long before it becomes public; this allows us to define and set future standards in the industry.”

— Mike Koss, Software Design Engineer
MIT SM (6-3) 1983

“As a Program Manager I run my own show. I interact with major corporations, design documentation, courses, and actually program to customize our product. I determine the needs of the developers, define the desired product, then work with marketing to distribute the product all over the world. I can’t imagine having the freedom and impact I enjoy here being offered at other organizations.”

— Bill Johnson, Program Manager
MIT SB (16) 1988

“Life at Microsoft is really relaxed. There is no drug test, no dress code (really, you can come to work in shorts and a tie-dye shirt), and no security badge. Some programmers go barefoot and some dress up. Every intern or employee can meet and talk with everyone, including Bill Gates. The real world doesn’t have to be that different from MIT.

“There are many projects which would interest an MIT engineer. You can use your 6.004 knowledge of multi-tasking operating systems and semaphores to develop on OS/2, which will match the power of most mainframe operating systems. Any X Windows programmer would be interested in the OS/2 Presentation Manager, which will give real graphics capabilities to microcomputers. Use your experience of Athena’s networks to develop OS/2 LAN Manager, a distributed operating system. Anyone who has taken MIT’s 6.035 compiler course can expand their experience and work on one of the best optimizing compilers available. You can help change the future of business computing with applications like Microsoft Excel, Works and Word.

“Microsoft = MIT - exams + pay.”

— George Hu, Software Development - Intern
MIT (6-3) 1989

“Summer in Seattle is a lot like late Spring in Boston — it’s sunny and warm, but not humid. There aren’t too many places in the country where snow-peaked mountains, waterfalls, unpolluted ocean beaches and lakes and undeveloped wilderness are all less than two hours away.”

— Eric Berman, Associate Program Manager - Intern
MIT (6-1) SM candidate
The coffee is 75¢, but the information is priceless.

Come to the GRE Forum to meet deans and other key representatives from 56 top graduate schools. Find out about their programs, financial aid and the GRE tests. All for the $3.00 admission and the price of a cup of coffee.

Workshop Schedule

9:10-10:00 Administrators and Financial Aid
10:00-11:30 Biological, Health and Physical Sciences, Education and Humanities
11:40-12:20 Issues Facing Returning Students
12:30-1:30 GRE General and Subject Test Prep
1:40-2:20 Meetings of Graduate Education
2:30-3:10 Computer Science, Engineering, and Mathematical Sciences, Psychology, and Other Social Sciences

GRE/CGS Graduate School Forum

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NORTHROP

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Top Prize Winners were: Jim Canning, Peter Morris, Patricia Riley, Christina Vilella and Delta Tau Delta


WATSON COME HERE! I'M CALLING THE S&S FOR TAKEOUT.

What a marvelous invention! Now anyone can say hello to S&S Takeout. And say goodbye to dull food. Just imagine how good a Gourmet Boursin Burger would taste. Or Pastas Primavera. Be inspired by Scallops Provinciale or our savory Baby Back Ribs. Indulge yourself with Baby Watson cheesecake. Whatever you wish. The entire S&S Menu is at your fingertips. In portions that made the S&S famous. And affordably priced. So whether for one or 21, call S&S Takeout and discover just how good takeout can be.
BEAVER LINEBACKER NAMED NECFC PLAYER OF THE WEEK

(Continued from page 22)
standing inside linebacker, has fi-
nally received the long-overdue
New England Collegiate Football
Conference defensive player of
the week award. Prather had six
assisted tackles among his
team-leading total of 23 in the
Beavers’ 21-17 defeat of Provi-
dence College last weekend.
Prather led the team in tackles
as a freshman last year with 95,
and has already recorded 81 in
the team’s first five games this
season. Tailback Mike Stonich of
Providence was named the
NECFC offensive player of
the week for his role in the Friars’
losing effort.

The selection of Prather
marked the fourth time that a
Beaver has been selected either
defensive or offensive player of
the week.

BEAVERS MOVE UP TWO NOTCHES IN ECAC POLL

The Beavers have moved up
two positions in the latest East-
ern College Athletic Conference
Division III poll. MIT was tied
with conference rival Bentley
College for 16th. The Beavers
have a perfect 4-0 record in
NCAA play (the team’s only loss
was to Merrimack College, a club
team). MIT travels to Worcester
for a game with 1-4 Assumption
College tomorrow. The Beavers
have not beaten the Greyhounds
on the road, with an 0-3 lifetime
mark.

Stonehill fourth-quarter
comeback ties Bentley

Stonehill College must have
learned something after allowing
MIT to score 14 points in the
fourth quarter of the Beavers’ 14-
13 comeback victory in football
two weeks ago. The Chieftains,
down 21-7 to Bentley College last
weekend, scored two touchdowns
of their own in the fourth quarter
to tie the Falcons with 2:29 re-
maind.ing in the game.

The tie is the only blemish on the
Falcons’ unbeaten record
within the New England Colle-
giate Football Conference. Bent-
ley (8-0 in conference games, 3-
1-4 overall) is in second place in
the NECFC behind Merrimack
College (7-0) and ahead of MIT
(4-1).

Beckley and Merrimack face
to next week, and the Falcons
host MIT in the season finale at
Worcester next week.

Compiled by Harold A. Stern
and the Sports Information Office

NEFC Players of the Week

Defense
LB Darcy Prather ’91, MIT
Offense
tB John Veillette, Providence

Total Offense

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Total Defense

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Rushing Leaders

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<th>Attempts</th>
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<td>Stonehill</td>
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<td>411</td>
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<td>WPI</td>
<td>29</td>
<td>443</td>
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<tr>
<td>Assumption</td>
<td>36</td>
<td>26</td>
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Receiving Leaders

<table>
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<th>Yards</th>
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<tr>
<td>Merrimack</td>
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<tr>
<td>Stonehill</td>
<td>252</td>
</tr>
<tr>
<td>WPI</td>
<td>221</td>
</tr>
<tr>
<td>Assumption</td>
<td>186</td>
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</table>

Last Week’s Results

MIT 21, Providence 17
Bentley 21, Stonehill 21

Next Week
MIT at Assumption, 1 pm
Merrimack at Bentley, 1 pm
Providence at Stonehill, 1 pm

The Computer Software Series
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grades
are
important
to you...

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1-800-TRY-BASIC
The women's volleyball team is ranked sixth nationally in Division III, and will be favored to defend their title at this weekend's New England Women's Eight Conference tournament.

Sports Update

Both teams in NCAA Division III top ten The men's and women's cross country teams have both been ranked in the top ten in the latest New England Division III Coaches' Polls. The women's team, which has completed its season with a 7-1 record, was ranked eighth. The men's team was ninth.

New England Division III Coaches' Polls
Women's Cross Country
1. Southern Maine............. 95
2. Williams College............ 93
3. Smith College.............. 92
4. Tufts University........... 90
5. Bowdoin College........... 88
6. Bates College.............. 81
7. Colby College.............. 80
8. MIT.......................... 76
9. SMU......................... 74
10. Brandeis University....... 71

Men's Cross Country
1. Brandeis University....... 110
2. St. Joseph's............... 99
3. Bates College............. 96
4. Tufts University......... 93
5. Colby College........... 92
6. WPI........................ 57
7. Coast Guard.............. 54
8. Williams College........ 31
9. MIT........................ 20
10. Amherst.................. 12

Volleyball team wins Purple and Gold meet The women's volleyball team won the Purple and Gold tournament held at the State University of New York at Albany last weekend. Ranked sixth nationally in Division III, MIT upset fourth-ranked SUNY-Albany in the tournament finals. The Pioneers scored a tight 7-15, 15-11, 15-9 win over MIT in a match which did not count on the teams' conference records because it was a best two-out-of-three series rather than the best three-of-five required by the NE8. In the men's conference matchup, the Engineers topped Smith, 15-9, 6-15, 18-16, 15-7 at Smith.

By David Rothstein
Younger and stronger. That is coach Karyn Altman's assessment of this year's volleyball team compared to last year's squad.

Tomorrow Altman leads her team to the New England Women's Eight Conference championship. The Pioneers hosted Smith College in the first, and with a perfect 7-0 record in the NE8 Conference this year the Engineers are in a good position to defend their title.

Joining MIT (29-6 overall) at tomorrow's tournament will be Smith, Mount Holyoke College, Brandeis University, Wheaton College, Babson College, Worcester Polytechnic Institute, and host Wellesley.

Smith was the only team from the NE8 to beat MIT this year, which it did on October 15 in the Eastern Connecticut Invitational Tournament. The Pioneers scored a tight 7-15, 15-11, 15-9 win over MIT in a match which did not count on the teams' conference records because it was a best two-out-of-three series rather than the best three-of-five required by the NE8.

In the men's tournament, which begins at 9 am, splits the eight teams into two pools of four. The winners of each pool, determined by round-robin play, will meet each other in the final.

Men's and women's cross country ranked

New England Division III

In its poll. The men will be competing in the NCAA Division III qualifying meet in two weeks.

Two named all-stars in field hockey Two MIT field hockey players have been named to the New England Women's Eight Conference All-Star team. Forward Kirsten Domingo '90 was a first-team selection. Sweeper Sonny Hwang '89 was named to the second team. Domingo has been elected captain of next year's team, and was also voted the team's most valuable player.

Be A Mentor! Be A Teacher!

UROP's Student Research Partners program is looking for upperclassmen to take selected freshmen under their wings during IAP and make them a part of research activity for three weeks. This is your chance to teach someone else about the work that you do and give them the chance to get their feet wet. (Honorumarium included.) If you are an experienced UROPer with a good record in a lab or similar setting, we'd like to talk to you. Participation is subject to approval by your faculty supervisor. Interested? Leave your name at the Undergraduate Education Office, 208-141, x-7999, or call Jane Sherwin at the same number.

New England Women's Eight champs crowned

Worcester Polytechnic Institute shut out Wellesley College 8-0 to win the New England Women's Eight Conference Championship in field hockey. Smith College blanked Mount Holyoke College 2-0 to top the conference in soccer. The soccer title was Smith's fourth NE8 crown this season; they captured the tournament title two weeks ago at Brandeis University.

MIT is favored to win this weekend's NE8 volleyball tournament at Wellesley College. The Engineers are the defending champions.

Prother finally receives recognition

Darcy Prother '91, MIT's out

(please turn to page 19)

Photo courtesy Larry Johnson/The Summit

Tim Day '89, the third-ranked quarterback in the New England Collegiate Football Conference.

New England Collegiate Football Conference Passing Leaders

<table>
<thead>
<tr>
<th>Games</th>
<th>Att</th>
<th>Cmp</th>
<th>Yds</th>
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<td>56.5</td>
<td>1105</td>
<td>62.5%</td>
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<tr>
<td>Game 2</td>
<td>50</td>
<td>44.0%</td>
<td>650</td>
<td>58.0%</td>
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<td>50</td>
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<td>875</td>
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</tr>
<tr>
<td>Game 4</td>
<td>46</td>
<td>44.0%</td>
<td>168</td>
<td>59.0%</td>
</tr>
</tbody>
</table>

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