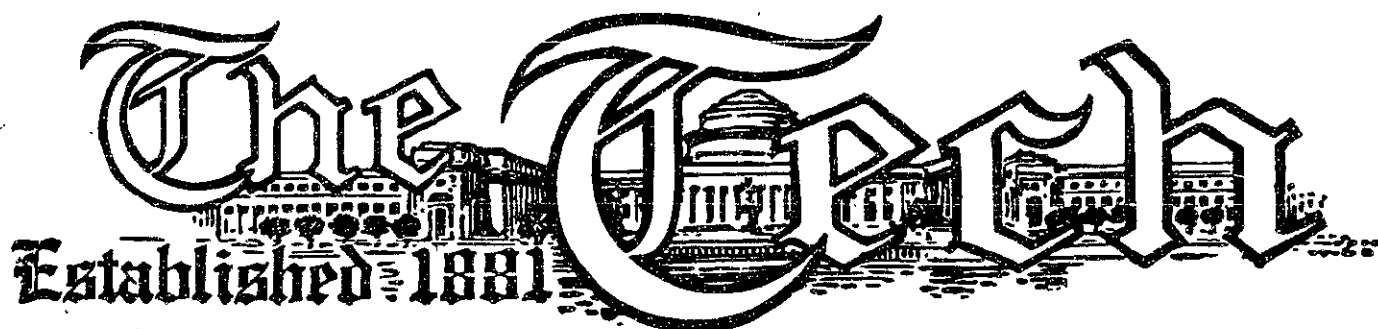


Set Clocks Back Saturday

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Partly cloudy, 60°F (16°C)
Tonight: Cloudy and calm, 48°F (9°C)
Tomorrow: Cloudy, rain, 56°F (13°C)
Details, Page 2

Volume 113, Number 53

Cambridge, Massachusetts 02139

Friday, October 29, 1993



SHARON N. YOUNG-PONG—THE TECH
Stephanie A. Sparvero '96 is competing in the Ugliest Manifestation on Campus contest, set to conclude today. The winner is the contestant that raises the most money. All money goes to the charity of the winner's choice.

Donovan Sentenced to Life

By Sarah Y. Keightley
NEWS EDITOR

Joseph P. Donovan, 19, was found guilty of the felony murder of Yngve K. Raustein '94 and sentenced to life without parole yesterday in Middlesex Superior Court. He was also convicted on two counts of armed robbery.

On the night of Sept. 18, 1992, Donovan allegedly punched Raustein before Shon McHugh, 16, fatally stabbed him during a robbery attempt along Memorial Drive.

On Oct. 7, 1993, District Judge John Brandt found McHugh guilty of felony murder and armed robbery. McHugh faces 20 years in prison, the maximum sentence for a juvenile convicted of first-degree murder.

Donovan's trial began on Tuesday, according to Jill Reilly, spokesperson for the Middlesex District Attorney's office. The jury deliberated for seven hours, over a two-day period. The jury deliberation was "fairly short for [a] first degree" murder case, Reilly said.

After the jury's verdict was read, Judge Robert A. Barton sentenced Donovan to life in state prison with

no parole, the maximum sentence for an adult convicted of first degree murder. He was also sentenced to serve 20 to 25 years concurrently for the armed robberies.

Donovan was charged with felony murder because Raustein was killed while a felony was being committed, Reilly said. The prosecution's strategy was to show "even though [Donovan] didn't stab Yngve Raustein, he's still responsible for the murder."

Middlesex Assistant District Attorney John W. McEvoy Jr. "put together a very strong case," showing that Donovan was part of the incident "from beginning to end," Reilly said.

Last September, Raustein and Arne Fredheim G, both students from Norway, were walking east on Memorial Drive near Hayden Library at 9:45 p.m. when they were confronted by Donovan, then 17, Alfredo Velez, then 18, and McHugh, then 15.

Donovan, apparently without provocation, punched Raustein, knocking him to the ground. Donovan then allegedly robbed Raustein while Velez robbed Fredheim. When Raustein started to get up,

McHugh stabbed him.

At this week's court proceedings, Fredheim testified that Donovan and Raustein exchanged words, and then Donovan punched Raustein.

Velez also testified. He said that the three of them were part of this armed robbery, Reilly said. He said that after Raustein fell to the ground, McHugh stabbed him with a knife then wiped his knife on Raustein's back, according to the district attorney's press release.

Velez testified for the prosecution during Donovan's trial and McHugh's trial in exchange for pleading to the lesser charge of manslaughter instead of murder.

During Donovan's testimony, He admitted to punching Raustein, Reilly said. After punching Raustein, Donovan grasped his hand and turned around because he had broken his hand.

Donovan testified that when he turned away, he did not witness or take part in the armed robbery and murder, according to the press release. He said he didn't see what

Donovan, Page 14

Students Dislike Food Service

By Sarah Y. Keightley
NEWS EDITOR

Students are overwhelming dissatisfied with food services on campus, according to a survey released this week by the Undergraduate Association.

The respondents to the Oct. 21 survey made three requests: to open Networks during the weekend, to open Walker Memorial's Morss Hall weekday afternoons, and to reopen the Pritchett Snack Bar, according to Edward A. Miguel '96, UA student life coordinator.

This semester there is widespread dissatisfaction with the food services, Miguel said. "ARA changed a lot of the hours of different dining facilities. That has caused a lot of consternation in the student body," he said.

Financial problems brought about the closing of Networks dur-

ing weekends, the closing of Pritchett, and the shortened hours at Walker, among other changes, at the start of this semester. Networks is no longer open on weekends, and Walker is no longer open weekdays from 2 p.m. to 5 p.m.

Of the 393 completed surveys, half were from the Lobby 7 booth and the other half were from the Walker booth. The results were broken down by where people lived: east campus, west campus, or off-campus. Residents of east campus dormitories expressed the most dissatisfaction.

The survey results were tabulated in three groups: 78.2 percent of east campus residents were dissatisfied with food services, along with 69.7 percent of west campus residents and 55.6 percent of off campus residents; 70 percent of the overall student body said it was dis-

satisfied.

Students make suggestions

The second part of the survey asked for students' comments and suggestions. "We asked students which of several different things they wanted the UA to push for," Miguel said.

Students strongly agreed that Networks needs to be opened on the weekends, he said. Students did not understand why Networks' hours were changed this year since it used to be crowded during weekends last year, Miguel said.

Another common request was to have Walker opened from 2 p.m. to 5 p.m. Miguel attributed this strongly expressed opinion to "the fact that we had a booth at Walker." People like to go to Walker to study, have

Survey, Page 16



JOSH HARTMANN—THE TECH
Cambridge councilman Jonathan M. Myers, mayor Kenneth E. Reeves, and President Charles M. Vest break ground for the new CASPAR shelter on Albany Street.

CASPAR Breaks Ground at MIT Site

By Sarah Y. Keightley
NEWS EDITOR

Yesterday's groundbreaking ceremony for the Cambridge and Somerville Program for Alcohol Rehabilitation shelter was "not only a groundbreaking, but a new time to be celebrated by" Cambridge and MIT, according to Richard Brescia, chair of the CASPAR board of directors.

About 110 people attended the ceremony at the 240 Albany St. site.

On March 1, the Cambridge City Council voted to approve an agreement where MIT would build a permanent facility for the CASPAR

shelter at the Albany Street site, at the cost of \$1.9 million. In exchange, MIT received ownership of one street and obtained the lease of three other streets and sidewalks around campus.

The shelter, which serves homeless individuals with addiction problems, had been searching for a permanent location for 14 years. Since 1979, the emergency shelter has been housed in two trailers on the Albany Street site. The land is owned by MIT and leased to CASPAR rent-free.

CASPAR, Page 15

Seminars Draw Few Faculty

By Andy Stark

A series of 12 seminars called "Better Teaching at MIT" ends next week after receiving disappointingly low attendance, according to Travis R. Merritt, associate dean for undergraduate academic affairs.

The goal of the seminars, said Merritt, is "to help faculty, especially young faculty, get acclimated to MIT and to develop themselves as contributors to MIT."

Merritt said that the series attempted to promote better teaching not only in classes, but in other situations such as Undergraduate Research Opportunity Program projects and labs as well.

Merritt and Margaret S. Enders, associate dean for undergraduate academic affairs, wrote an article in the faculty newsletter complaining about the attendance. In the article, they claimed that the seminars, designed for all MIT teachers, were attended mostly by graduate students.

Merritt and Enders are quick to admit that the faculty is very busy. "If something has to go in the

day, [the seminars] are going to be it," Enders said.

"People are incredibly busy," said Professor Hale V. Bradt PhD '61, faculty academic adviser in the physics department, citing professors' concerns about research, tenure, committees, budgets, and more. "It's hard to get people to do any discretionary things unless it's going to help them the next day," he said.

Nevertheless, a significant effort was put into promoting the seminars. According to Enders, normal routes of publicity weren't working, so other venues were taken. In addition to signs posted across campus, fliers were passed out in Lobby 7 and sent to teaching assistants, the schedule was published in the Tech Talk calendar, and an ad for the Tuesday seminar was placed in The Tech.

Recently, Enders added, the organizers have tried to advertise through electronic mail as well. "Email seems to be getting to a lot of people who don't read the signs in the hall," she said.

Seminars, Page 17

WORLD & NATION

Clinton Concedes Point On NAFTA Side Pacts

THE WASHINGTON POST

WASHINGTON

In a concession to congressional Republicans, the Clinton administration has decided that the United States would not be obligated to drop out of the North American Free Trade Agreement if either Canada or Mexico withdrew from the side agreements on the environment and labor rights, administration officials said Thursday.

When the administration next month sends Congress the legislation to put NAFTA into effect, it will include the declaration that the side agreements, which President Clinton had demanded, should not be "hair triggers" that automatically could cause the entire agreement to be scrapped, an administration official said.

NAFTA gives any of the three signatory nations the right to withdraw from the basic agreement with six months' notice.

Meanwhile, the Nov. 17 target date for a House vote on that legislation appeared in danger of slipping Thursday after House and Senate negotiators were unable to complete an agreement on language for the measure. Congressional aides and administration officials said they hoped to complete the process by next week.

Packwood's Diaries Have Widening Implications, Bryan Says

LOS ANGELES TIMES

WASHINGTON

The chairman of the Senate Ethics Committee said Thursday that Sen. Bob Packwood's personal diaries contain information about possible criminal violations and other forms of misconduct unrelated to allegations of sexual harassment against the Oregon Republican.

In an announcement that stunned Packwood's Senate colleagues, Ethics Committee Chairman Richard H. Bryan, D-Ore., disclosed in a five-page statement that the committee had taken the unprecedented step of subpoenaing Packwood's diaries with the intent of widening its sexual misconduct probe to include "questions about possible violations of criminal laws" by Packwood.

Bryan said he had taken the unusual step of disclosing the committee's reasons for subpoenaing the diaries because Packwood's own accounts of the deepening dispute had been "inaccurate" and misleading.

The Senate is to decide Monday whether to permit the Ethics Committee to go to court to force Packwood to comply with the subpoena.

The committee has spent nearly a year investigating allegations that the 61-year-old senator made unwanted sexual advances to more than two dozen female aides, lobbyists and associates and then attempted to intimidate them from telling their stories.

Yeltsin Decree Authorizes Commerce in Private Land

LOS ANGELES TIMES

MOSCOW

Seventy-six years after Vladimir I. Lenin confiscated all private property, Russian President Boris N. Yeltsin signed a decree Wednesday guaranteeing Russians the right to buy and sell private land.

The landmark order also allows Russian corporations and individuals to partition, inherit, mortgage or rent land. And it specifies that the government may not confiscate land without fair market compensation.

Parliament had proclaimed private property two years ago, but the law was purely theoretical, as "owners" had no right to control or dispose of their land.

In another sweeping step, beginning in 1994 Russian collective farms will no longer be required to hand over a third of their production to the state, according to the presidential press service. The full text of the decree is to be published Thursday.

Land reform remains one of the last formal obstacles to a free market in Russia. About a third of all Russian enterprises have been privatized, although the massive defense sector remains in state hands.

Subsidies still keep energy prices below world levels, but the Yeltsin government has vowed to decontrol them soon. Even bread prices have now been freed. Low-income families are to receive bread coupons and pensions will be increased to cushion the sticker shock.

WEATHER

Weather Tricks

By Marek Zebrowski
STAFF METEOROLOGIST

A significant low pressure system is expected to traverse our area, bringing rain by midday Saturday. Imbedded in a slow-moving cold front, this wet and cool weather will persist well into Sunday. A high pressure will then build into our region, bringing frosty nights and chilly, fair days for the early part of next week. All Saturday partygoers will be treated to an extra hour of fun as the clocks will be set back to Eastern Standard Time, but the rain gear might have to be an essential part of the costume. On Sunday night a breath of frost on the pumpkin will be the Mother Nature's treat.

Today: Variable cloudiness, with some sunny spells early. Increasingly cloudy and mild afternoon with a high of 60°F (16°C). Light southwesterly winds.

Tonight: Cloudy and calm with a low of 48°F (9°C)

Tomorrow: Cloudy with rain likely, especially in the afternoon. High of 56°F (13°C)

Tomorrow night: Rainy and cool, low around 50°F (10°C)

Sunday outlook: Partial clearing late in the day. Highs about 50°F (10°C), lows about 35°F (2°C)

Brushfires Continue to Erupt; 600 Homes Lost in California

By David Ferrell
and Eric Malnic
LOS ANGELES TIMES

LOS ANGELES

Devastating brushfires continued to scorch hillsides in Laguna Beach, Altadena and other areas of Southern California Thursday. Troublesome new blazes erupted even as firefighters managed to bring the worst of the infernos into partial containment.

Losses climbed to nearly 600 homes damaged or destroyed and more than 115,000 acres burned, authorities said.

Weary firefighters seemed to be winning the battle to save hundreds of threatened homes in some areas, but late-afternoon sea breezes drove flames into residential parts of Ventura County, where other homes burned.

No deaths were reported in any of the 13 major fires that engulfed the region, but the injury total climbed to 59, including firefighters, and property damage was estimated in the billions. President Clinton declared a federal disaster area to help speed reconstruction efforts. Meanwhile, relief agencies continued to organize shelters for an estimated 25,000 people left homeless, and law-enforcement agencies pressed their investigations into fires believed to be set by arsonists.

In major developments:

- More than 1,000 firefighters working overnight managed to contain the fire that roared through the hill-shrouded resort town of Laguna Beach 40 miles southeast of Los Angeles on Wednesday, destroying 300 homes and forcing the evacuation of the city's 24,000 residents. Residents began returning to their homes or smoldering lots, and U.S. Marines began picking through rubble to look for possible fatalities.

- The fire that destroyed 115 homes in Altadena and Sierra Madre 15 miles northeast of Los Angeles, forcing the evacuation of

more than 2,000 residents, continued to burn out of control after blackening more than 5,000 acres, but officials said the blaze posed no immediate threat to homes.

- Near Thousand Oaks, 45 miles west of Los Angeles, a 2-day-old fire that had consumed 33,000 acres of brush and destroyed 33 homes began to race eastward through Carlisle Canyon, pushing toward the exclusive community of Lake Sherwood and setting two homes ablaze. Residents of those two communities were being evacuated, along with those in the dense subdivisions of nearby Westlake Village.

- In Riverside County to the east of Los Angeles, two fires that had burned 6,000 acres of brushland were declared fully contained, and a third blaze was brought largely under control.

- Slackening breezes and cooler overnight temperatures helped firefighters to gain an upper hand on some of the most serious fires, but weather forecasters predicted a return of dry, warm, 20- to 40-mph winds Friday, raising fears that flames might be fanned anew.

"If the fires aren't fully contained by Friday night, the embers will begin blowing again," said Weatherdata Inc. forecaster James McCutcheon. Though winds were expected to be less severe than those that fanned flames Wednesday, gusts once again could reach speeds of 60 and 70 mph below some canyons, McCutcheon said.

In the Laguna Beach fire, where City Manager Kenneth Frank was among those who lost his home, firefighters had reached a turning point in battling the fire at about midnight Wednesday, thanks largely to a cool marine layer that brought moisture and decreasing winds to the picturesque seaside enclave, said an Orange County Fire Department spokesman.

Laguna Beach police placed the damage toll at 330 homes lost or

partially destroyed. About 1,400 firefighters were still working the fire and another 1,000 were en route to the scene, authorities said.

Throughout the night, Laguna residents bedded down in emergency shelters or flouted evacuation orders to stay home and douse their roofs with garden hoses. One man, Julian Wilson, left Laguna on Wednesday morning to try to save his ranch near Temecula 40 miles north of San Diego, where a brushfire near Highway 79 destroyed more than 100 acres.

That property was spared, but Wilson returned home late Wednesday night to find that his Laguna home was destroyed.

The fire caused overnight power outages and sporadic explosions as the flames reached fuel storage tanks scattered on the hillsides.

In the Altadena-Sierra Madre area, where 115 homes were destroyed, the fire continued to move slowly up the steep mountainsides, pushing deeper into the Angeles National Forest.

Capt. Steve Valenzuela of the Los Angeles County Fire Department said the approximately 1,000 firefighters manning the lines there had managed to contain about 20 percent of the blaze, but there was no estimate when more complete containment would be achieved. No additional homes were threatened.

Andres Z. Huang, 35, the transient Chinese immigrant accused of accidentally starting the Altadena blaze early Wednesday morning, told detectives he had built a campfire in the brush-covered hills because he was chilly, according to Deputy Gabe Ramirez of the Los Angeles County Sheriff's Department.

"Then he got scared and fled when the flames began to spread," Ramirez said.

Aristide Calls for Embargo of Haiti to Force out Military

By Julia Preston
THE WASHINGTON POST

UNITED NATIONS

Exiled President Jean-Bertrand Aristide called Thursday for a "total embargo" of Haiti, by air as well as sea, to force out recalcitrant military leaders and allow his return.

In an address to the General Assembly and in comments to reporters, Aristide said the July 3 accord signed with military commander Lt. Gen. Raoul Cedras remains in effect — even if the president cannot reassume his post in Port-au-Prince on Saturday, as the pact stipulates. He called on his prime minister, Robert Malval, to continue in his uneasy position.

Aristide's remarks made clear that he does not intend to return to Haiti as long as his military enemies are in control but expects the United States and other allies to wage a protracted battle to revive Haitian democracy. Efforts in Port-au-Prince to carry out the U.N.-initiated agreement have foundered in the face of the military command's refusal to resign.

"The accord will always be viable. We believe in it and the United Nations believes in it. It is up to those who violated it to yield," Aristide said.

Under the accord signed on Governors Island, N.Y., Cedras and police chief Col. Joseph Michel Francois, who led a 1991 coup ousting Aristide, should have stepped

down by Oct. 15. But they balked, demanding that Haiti's Parliament enact a broad amnesty for all coup participants before they will relinquish power. Parliament has failed to muster a quorum.

Aristide pledged Thursday to summon the Parliament to pass an amnesty law immediately after Cedras and Francois step down. He said only that the law would be consistent with Haiti's constitution, declining to clarify whether he would accept a pardon that would shelter military leaders from criminal prosecution as well as from punishment for political crimes.

Alluding to another military demand, Aristide said he would "open the door" to politicians opposing him once Cedras and Francois are removed. Sounding generally conciliatory, Aristide called repeatedly on Haitians to "say no to revenge." Despite U.S. pressure, he did not specify whether or how he would include opposition members in his government.

The exiled president dismissed Cedras's amnesty demands as "mere delaying tactics." Aristide has already complied with his obligations under the accord by issuing a presidential decree freeing military leaders from prosecution for their role in the coup.

Many military officers as well as paramilitary "attaches," gunmen who have terrorized the streets of the capital, have said they fear

lynching by pro-Aristide mobs if they give up power.

Aristide asked the United Nations to embargo all trade with Haiti, to be "enforced by sea and air." This would make globally binding the regional and voluntary sanctions adopted by the Organization of American States earlier this month. Currently a U.N. embargo prohibits shipment of most petroleum products and arms but allows food and medicine. It is enforced by U.S. and other picket ships.

Aristide said it would be up to the Security Council to determine whether the sanctions should halt commercial air travel. The council said Monday it is ready to impose wider sanctions but it is not expected to act until after the Oct. 30 deadline expires.

As with the current sanctions, the new measures would allow Aristide and Malval to request any exemptions they want, so the United Nations could avoid castigating the government it is working to support. Malval took office in Haiti in September but the military has blocked him from effective control.

During the day, about 3,000 pro-Aristide Haitians clogged the streets of mid-town Manhattan in a boisterous demonstration. A group seeking to block the thoroughfare in front of Grand Central Station scuffled with police, and several arrests were made.

Senate Panel Continues Probe Of Years of Pell Grant Abuse

By Mary Jordan
THE WASHINGTON POST

WASHINGTON
The Education Department has known for 12 years about potential multimillion-dollar abuses only now being stopped.

Thursday, on the second day of Senate hearings about abuse of college financial aid, a 1981 letter from the U.S. attorney's office here showed that department officials were aware of problems with some of the ultra-orthodox Jewish schools under criminal investigation.

As much as \$300 million in Pell grants — aid for low-income students — may have been misused by 21 Jewish schools, the Senate Permanent Subcommittee on Investigations said Wednesday. The schools, mostly in New York City, were never eligible to receive Pell grants but managed to obtain millions of dollars worth, the panel said.

Some schools invented "ghost" students, used names of unsuspecting New Yorkers, including a mentally ill patient, and bought Social Security numbers to obtain the

grants, the panel said.

Senate investigators allege that the schools then kept the money, as much as \$2,300 per "student," investing some in New York real estate.

In 1981, more than 50 ultra-orthodox Jewish schools, including some of those notified last week that their aid was being terminated, came to department's attention. According to the letter from the U.S. attorney's office, investigators were asked to probe discrepancies between the schools' records and those of the Social Security Administration.

The enormous task of investigating so many schools, and other pressing needs, resulted in most schools being ignored, Senate investigators said. Eight schools were targeted, and one person was prosecuted, they said. Meanwhile, the Education Department continued to send millions of dollars to the schools.

The aid program and deception by schools "is so complex, it is hard to convince a jury" to convict

abusers, said James B. Thomas Jr., Education Department inspector general.

Thomas said the department is so understaffed and has so few safeguards that it basically is running the \$6 billion Pell program, one of the government's largest, on the "honor system."

Fewer than 100 employees look for abuse at more than 7,000 institutions. Often, they do not have enough travel funding to visit the schools.

But Assistant Secretary David Longanecker cited progress. In the next year, he said, 1,500 schools would be reviewed. He also disagreed with Thomas about staffing.

"I don't think our issue is the number of people," Longanecker said. "We need to work smarter and better with what we have." He said that management was a critical problem and that new training and data systems were being devised. In addition, as a result of new changes in the law, states are to be more responsible for finding fraudulent schools.

Pace of U.S. Recovery Picked Up Speed in Third Quarter

By John M. Berry
THE WASHINGTON POST

WASHINGTON
After a stutter-step early this year, the U.S. economy picked up speed in the three months from July to September as growth hit a 2.8 percent annual rate despite continued defense spending cuts and farm losses, the Commerce Department reported Thursday.

The driving force behind the faster growth was a large increase in consumer spending. Except for the one-time farm losses from Midwestern floods and Southeastern drought, the growth rate for the quarter would have been 3.4 percent, analysts said, an expansion pace strong enough to generate a substantial number of new jobs, bring down unemployment and boost business profits.

President Clinton hailed the growth data as proof that his economic policies were working. "We are moving in the right direction and we have to stay on this course," he told reporters in the Rose Garden of the White House.

The unexpectedly good economic news sparked a rally on Wall Street, sending the Dow Jones industrial average up 23.20 to a record high of 3687.86—its second record close this week.

Also Thursday, the Treasury

Department reported that the federal budget deficit declined in the fiscal year that ended Sept. 30 for the first time in four years, helped by lower interest rates and a stall in the savings and loan cleanup.

The \$254.9 billion deficit was below both last year's record \$290.3 billion and the administration's \$322 billion prediction, made in April. Still, it was the third-highest deficit in history. Economic forecasters, including those in the Clinton administration, said Thursday's growth report bolstered their predictions that economic growth would accelerate in the second half of this year. A number of them said growth would be at a 4 percent rate or more this quarter.

The 2.8 percent growth rate in gross domestic product, the measure of goods and services produced in the United States, comes on the heels of rates of a 1.9 percent rate in the previous three months period and a scant 0.8 percent in the three months from January to March.

However, the stronger growth of recent months so far has made little if any dent in the profound skepticism among U.S. households and business executives about what they think the future holds for the economy.

Confidence among consumers, as measured in monthly surveys of

their views on current and future economic conditions, is close to levels usually seen in recessions, largely because of worry about jobs. Among small business owners, Dun & Bradstreet Corp. recently found the lowest level of optimism about the economic outlook in the 13-year history of its survey.

Analysts said that consumers are responding to the lowest interest rates in 25 years, which have cut monthly payments on car loans and home mortgages. The low rates are also spurring new homes sales and housing construction, which rose at a 10 percent rate in the third quarter, according to the Commerce report.

Low inflation is also allowing consumers to stretch their dollars further. A price index included in the report covering goods and service bought by businesses, governments and consumers rose at an annual rate of 1.8 percent in the third quarter, the lowest rate in a decade.

Payroll employment is up nearly 2.5 million from early last year, and the unemployment rate, 6.7 percent last month, is down a full percentage point from its peak. Meanwhile, the number of people looking for work but unable to find it—those counted as unemployed—has fallen to 8.5 million from 9.8 million.

House Committee Approves \$4.8 Billion Anti-Crime Bill

By William J. Eaton
LOS ANGELES TIMES

WASHINGTON
The House Judiciary Committee approved a scaled-down \$4.8 billion anti-crime package Thursday designed to put 50,000 more police on the streets and increase federal aid to help states and cities confront violence by young people.

Five of six bills in the package won quick approval in 34-1 tallies, while another passed by voice vote despite Republicans' protestations that it avoided the tough issues of mandatory sentencing and construction of more prisons.

The six-bill package is scheduled for consideration by the full House early next week and Rep. Jack Brooks, D-Texas, the committee chairman, said he anticipated that the measures would pass easily under a procedure requiring a two-

thirds majority.

At the heart of the package is a down payment on President Clinton's plan to put 1 million additional police officers on the streets. The measure authorizes \$3.4 billion in grants to help cities bolster their forces over the next six years, although there was no indication how the initiative would be paid for.

Other provisions would authorize federal grants for the development of "boot camps" and other alternative means of punishment, alcohol and drug treatment for federal and state prisoners, aid to schools afflicted by violence, and aid for local programs designed to curb youth gangs and juvenile drug use.

The lone Republican dissenter, Rep. F. James Sensenbrenner Jr. of Wisconsin, termed the package "a hollow promise" and added:

"There's not a dime of funding."

Meanwhile, a House Judiciary subcommittee was expected Friday to approve the controversial "Brady Bill," which requires a five-day waiting period for buyers of handguns so police can make background checks for criminal records or mental illness.

Although it faces strong opposition from the National Rifle Association, the bill was expected to be approved by the House this month and sent to the Senate where it also was expected to be considered alone rather than as part of a more comprehensive crime bill.

Brooks decided to dismantle the Clinton administration's omnibus crime bill and replace it with smaller pieces of legislation because strong opposition to some elements of the larger bill could have doomed the entire effort.

Campaign Reforms Delayed

THE WASHINGTON POST

WASHINGTON

New rules governing campaign finance advocated by President Clinton and promised by Democratic congressional leaders have no chance of becoming law this year because House Democrats cannot agree on a plan.

House Speaker Thomas S. Foley, D-Wash., and Senate Majority Leader George J. Mitchell, D-Maine, acknowledged that the lack of consensus means final action on campaign finance legislation cannot occur until next year, when House members and a third of senators are up for reelection.

Advocates of campaign finance changes, who once hoped to capture the anti-incumbent and anti-politics-as-usual momentum from the 1992 elections, said the delay until at least next year could make it harder to win approval of reforms to make congressional elections more competitive.

The Senate passed its version of the campaign finance bill, which has minimal public funding, in June, but a House Democratic task force has not reached a consensus on how to fund partial public financing of congressional campaigns.

Secret World Trade Center Bombing Tapes Put FBI on Defensive

LOS ANGELES TIMES

WASHINGTON

Secret tapes suggesting the FBI may have missed an opportunity to prevent the World Trade Center bombing have put federal law enforcement officials on the defensive and threatened to complicate the job of prosecuting the bombing suspects, officials acknowledged Thursday.

The tapes, made by government informant Emad A. Salem, reflect conversations in which Salem complained to his FBI handlers that the agency failed to act on his tips that a terrorist explosion was being planned at Manhattan's 110-story trade center towers.

The blast last February killed six persons, injured more than 1,000 others and sent thousands more fleeing the office complex down darkened, smoke-filled stairways. The explosion, which blew a five-story-deep crater in the underground parking garage, has been termed "the most destructive terrorist act in U.S. history" by federal prosecutors.

Taken as a whole, the tapes pose "an absolute nightmare for prosecutors," said Richard Ben-Veniste, a Washington attorney and former associate Watergate prosecutor. Officials, while declining to elaborate on the record, acknowledge the development poses a problem.

Ben-Veniste and others say the tapes show a distrustful relationship between the government and an informant whose veracity it must support when the cases come to trial. Otherwise, his value as a witness — perhaps the government's most important one — will be badly damaged.

Senate Approves Jobless Benefits Extension

THE WASHINGTON POST

WASHINGTON

The Senate Thursday approved a \$1.1 billion bill extending emergency unemployment benefits to an estimated 1 million people after attaching an amendment that would lock in President Clinton's proposal for reducing the federal workforce by 252,000 positions.

The measure, which would provide seven or 13 weeks of additional compensation to unemployed workers who have exhausted their 26 weeks, was approved by a vote of 76 to 20. Fifty-two Democrats and 24 Republicans joined to pass the bill following three days of sometimes contentious debate.

The Senate Democratic leadership overcame a Republican challenge to the bill's financing mechanism, which critics complained would temporarily boost the federal deficit in contravention of congressional budget rules. However, final enactment of the legislation will be put off until conferees agree whether to keep or jettison two amendments approved by the Senate.

One, offered by Sen. Phil Gramm, R-Texas, would hold the administration to its pledge to shrink the federal bureaucracy by 252,000 jobs. The amendment was approved by a vote of 82 to 14.

The other, introduced by Sen. Hank Brown, R-Colo., Wednesday night, would prevent unemployed persons whose previous year's taxable income exceeded \$120,000 from qualifying for emergency unemployment benefits.

Clintons Out Selling Health Plan; Others Debate Its Details

NEWSDAY

WASHINGTON

Bill and Hillary Clinton hit the road to sell their health-care plan Thursday while administration officials stayed behind to defend some of its fresher and potentially more troublesome details — among them, that about 40 percent of Americans who currently have health insurance will have to pay higher premiums.

At a Senate Finance Committee hearing, Sen. Daniel P. Moynihan said that, based on that projection, 100 million Americans would end up paying more; Health and Human Services Secretary Donna Shalala, while not contesting that figure, responded that most of the 40 percent would pay around \$100 a year more in premiums, and that only a few would pay more than \$500 a year.

In recent weeks, administration officials have acknowledged that some people would have to pay more, but their estimates of the number have been somewhat lower. Predictably, there were plenty of questions and lots of groans from lawmakers Thursday about the new numbers, as there were about a host of other issues raised by the Clinton plan — the subsidies to needy businesses and individuals, the cost of the plan, the bureaucracy it creates.

Security was the theme the president and Hillary Rodham Clinton took on the road Thursday — and the reception they got was a lot more enthusiastic. Speaking to 1,100 medical students at Johns Hopkins University in Baltimore, the president said "100 percent" of Americans will benefit. Holding up a 136-page book that explains the plan, he urged they read it so they won't be swayed by opponents' attacks.

OPINION

Letters To The Editor



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Nerds Need Aerobics As Well as Academics

Ironically enough, the only aerobics class I'd ever been to, before taking aerobics for physical education, was in Iran. With eight PE credits to fill my senior year, I landed in MIT aerobics.

This form of exercise itself is quite interesting, with all of its fast movements and complicated steps. I found myself often wondering about the stereotype of the stupid aerobics in cop shows like *T.J. Hooker*. How stupid can a woman be if she can not only do these steps, but know why she's doing them, and keep track of everyone and everything else in the classroom (including her hair)?

As the class progressed, and we moved rhythmically to the same songs over and over again, I found myself wondering about everything and anything, just to keep my sanity from hearing these same songs three days a week. I actually started drawing analogies between aerobics classes and Nazi training camps. In a way, both are striving for the perfect person. Many women in these classes strive for the perfect body, many people, many people in those camps strove for the ultimate citizenship, the ultimate statehood. Now, I've never actually been to a Nazi train-

ing camp (though Hitler did announce us Iranians as Aryans), and no, we don't shout and salute to our instructor every morning, but there's something about this mindless imitation and search for an artificial perfection that I find fascinating.

But, I really didn't quit class and rush to the computer to give my views on Hitler. This morning, class seemed exceptionally funny. The crowd was all beginners, the music loud, and one had the feeling of absolute chaos. I felt like I was free-floating, my movements losing their constraint of an orderly exercise, and believe me, if I was any less uptight, I'd have started jitterbugging in the middle of the room. Instead, I started watching other people in class to see if this feeling of chaos is contagious. My eyes lingered on this person I'd seen from freshman year, a person who used to sit in front of class and answer the professor's rhetorical questions. To my surprise, this apparently smart person could not do a single step. When we were to move our hands to the sides, he'd move them to the front, when we moved to the front, he moved to the side. His movements were out of control; his body was out of control.

Four years at MIT, and I'm sure he's done well, extremely well. I don't know if he's going to graduate school, or getting a job at wherever smart engineers get jobs these days,

but four years at MIT and the guy had no control over the one aspect of his self that is the most tangible: his body. Four years of "tooling," "all nighters" (terms MIT people are proud of), problem sets, and projects. Four years of occupying every single moment of the day with a mental problem (pun intended), and now an adult thrown into society, and what have we to show? No coordination. No sense of our physical self. I may be making a fuss about nothing, but I must confess, I'm angry at MIT (whatever MIT is) for priding itself in an education that ends with a person who has discovered every corner of the Athena system, but has no concept of his own body (self), or any one else's for that matter. (Is that why some MIT men whistle so desperately when they see a sexy woman on the Lecture Series Committee screen?)

For some reason, as I'm getting ready to graduate from the 'Tute, I feel cheated. Cheated out of an environment conducive to a complete exploration of me as a whole individual and of others. I am outraged at the irresponsibility of an institution that takes in people for four years and more, and turns them into people, who like the guy in my class, is not only out of touch with his own body, but with every body else.

Naghmeh Sohrabi '94

Death Penalty An Ineffective Deterrent

Guest Column by John H. Morrison

In his column demanding the death penalty ["Enforcement of Death Penalty Required," Oct. 22], Michael K. Chung cites the Golden Rule at one point, but his entire position disregards it. He has also apparently forgotten that the Golden Rule and the related admonition to "Turn the other cheek" were proclaimed in opposition to "An eye for an eye," not in conjunction as he claims.

The murder of Yngve K. Raustein '94 was one of only two murders committed in Cambridge in 1992. Whether two murders per 100,000 population is considered low in the abstract or ideal case may be debated, but the rate is low compared with cities of comparable population. It's also very low considering that Cambridge is part of a larger urban area. Granted, the rate of two per 100,000 last year may have been a statistical fluctuation; the 1991 rate was five murders per 100,000. The average over several years is more like three to four per 100,000. That's still quite low.

Chung may argue that the murder rate would be lowered even further if we had the death penalty. Perhaps Chung thinks that cities like Dallas, Houston, and Miami have

lower murder rates than Boston and New York City? A trip to Dewey Library to check the FBI's Uniform Crime Report should disabuse him of that illusion.

Boston's murder rate in 1992 was lower than in 1991 — under fourteen per 100,000. High murder rates in certain areas of Boston, Los Angeles, and New York City appear to coincide with a prevalence of police lawlessness, including murder. Washington DC does not have the death penalty, but its extraordinarily high murder rate may be indirectly linked with the power games played secretly or openly among various factions. Of course, issues such as poverty, despair, and the abandonment of the cities for the suburbs, as well as violence in movies and on TV play a role. We can compare statewide murder rates as well. They are invariably lower than the urban rates, but they show the same trend as the cities: States that routinely apply the death penalty have higher murder rates than those without the death penalty. New York appears to be an exception, but that's because a high fraction of its population lives in New York City. The result holds if we consider upstate New York.

Texas, Florida, and Louisiana are among the leaders nationwide in executions — and

lead the nation in murders per 100,000 people. Mississippi is under investigation for dozens of jail house lynchings the past few years. If you look through the list in the Uniform Crime Report of cities with populations over 10 thousand, you rarely see a city in Mississippi or Texas without at least one murder. The large majority of cities in Massachusetts have no murders.

This suggests that the death penalty promotes murder instead of deterring it. Death penalty opponents often cite a study of New York City indicating that on the average two more murders occurred during the month following an execution there than otherwise. The murder rate in Canada dropped after the death penalty was abolished there.

It's possible instead, that the prevalence of the death penalty merely reflects the population's tendency for murder. In other words, those people may support the death penalty because they have fewer problems than the rest of us with killing people. They exhibit this murderous tendency when we raise the issues of innocent people being executed and the strong race and class dependency of executions, and they effectively respond, "So

Morrison, Page 5



ERRATA

An article in the last issue ["Field Hockey Loses," Oct. 26] incorrectly credited Vicki Tardif '97 and Laura Walker '97 with a goal; the score was made by Carla Oshiro '96. Also, the article misstated the team's next opponent. The team faced Wellesley College yesterday in the first round of the New England Women's 8 Championships.

A review of the MIT Symphony Orchestra ["MIT Symphony Orchestra plays Mozart with wit," Oct. 26] misidentified the instrument played by soloist Eran Egozy. He is a clarinetist.

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Death Penalty Has Been Used Against Innocents, Too

Morrison, from Page 4

what?" They exhibit this murderous tendency when they support the death penalty for crimes such as rape, sedition, and "striking one's commanding officer," or non-crimes like interracial dating, homosexuality, disobedience, and dissent. I can't imagine Ku Klux Klan-types opposing the death penalty.

It should be clear that the murder rates provide absolutely no evidence that the death penalty deters murder. The deterrence effect of the death penalty can be inferred as well by examining other deadly situations. How effective is the death penalty in deterring, say, a suicide bomber? Or any suicide for that matter? How effective is the "death penalty" in deterring people from joining the army, neo-Nazi groups, inner city gangs, or the illegal drug trade? How effective is the prospect of death in eliminating car-driving or smoking? Some idiots don't seem to realize that they might be killed when they play the car game of chicken, or commit stunts like lying on the road. Given these, how can one expect the death penalty, no matter how efficiently or certainly applied, to deter virtually all would-be murderers?

The death penalty can only deter those who think to themselves, "Oh my God! It might happen to me!" It does not deter those who may oppose murder in general, but support killing in the special case of their own pet pseudo-moralistic cause; contrariwise, it can only encourage such killings. Nor does the death penalty deter those who vote for it in the legislatures or those who execute it.

Would avid supporters of the death penalty be persuaded to change their minds if one of their own were executed? I do not know. They would most assuredly scream bloody murder. I do not mean to suggest a false or

Some idiots don't seem to realize that they might be killed when they play the car game of chicken, or commit stunts like lying on the road. Given these, how can one expect the death penalty, no matter how efficiently or certainly applied, to deter virtually all would-be murderers?

wrongful execution, although I would consider such a thing poetic justice. Instead, I refer to numerous cases where the death penalty might be justifiably applied against them. For example, a Florida father railed about "Communists" and other assorted malefactors when his son was sentenced to death a few years ago for the KKK lynching of a black teenager. The lynching was reportedly committed to demonstrate the presence and power of the Klan in Florida.

Death penalty proponents, including Chung in his article, typically disregard the issue of innocent people being convicted and executed. In March 1988, Willie Darden was executed in Florida for a murder he did not commit. His murder trial was a virtual farce; his conviction had nothing to do with actual guilt or innocence. Despite receiving numerous appeals from all over the world, Governor Bob Martinez disregarded the flagrant unfairness of the trial and proceeded with the execution. A year and a half ago, Roger Coleman was executed in Virginia for a murder he did not commit. Despite strong evidence for his innocence, Governor Douglas Wilder continued with the execution.

I can imagine executing not only the governors for premeditated murder, but everyone else involved in those wrongful executions: the investigators, the prosecutors, the juries that convicted them, the judges that sentenced

them to death, the numerous appeals court judges, and Supreme Court Justices that upheld the executions, etc. The Constitution allows government officials who have been impeached and convicted to be tried and punished in criminal courts for their offenses. One such mass execution might be just what's needed to make the death penalty supporters take notice.

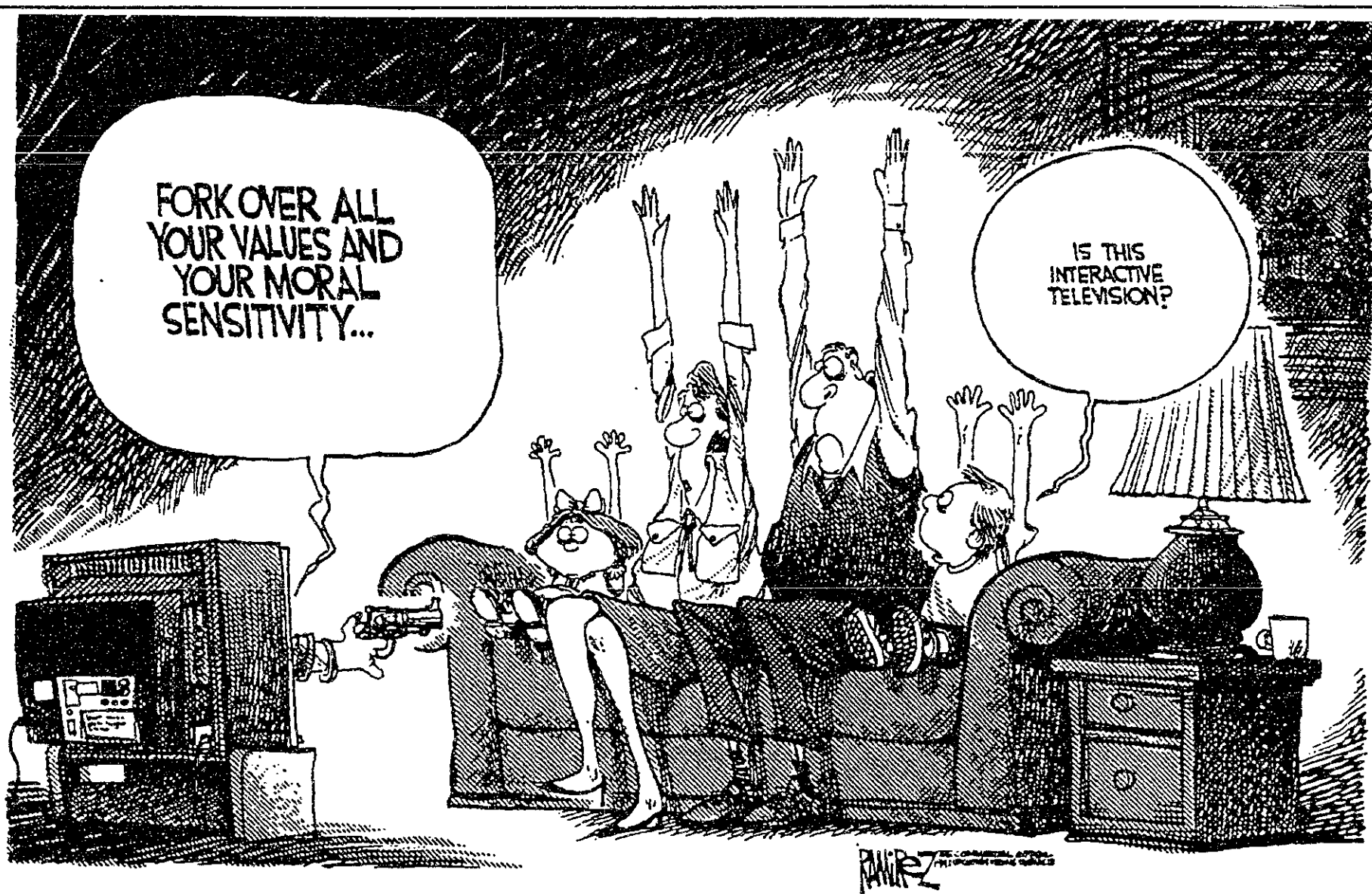
I will mention two other cases where the innocent man was fortunate enough to have his conviction overturned before being executed. Last spring in Alabama, an appeals court overturned the conviction and death sentence of a man because it was discovered that the police had completely fabricated the case against him. He had been transported to death row even before the trial ever took place. There was not a shred of evidence that he actually committed the murder, and there was evidence for his innocence. I don't even know for sure that the murder for which he was tried ever took place.

In a case explored by the movie *The Thin Blue Line* Dallas police worked with the teenage murderer of one of their own officers to frame Randall Adams for the murder. The officers wanted to convict someone they could execute for the crime, and the actual murderer was too young according to Texas law at the time. Adams came within three days of being executed before his death sen-

tence was overturned on a technicality. One school of thought maintains that one who drives the getaway car after a murder is as guilty as the one who pulled the trigger. In the same spirit, one may conclude that the officers who got the murderer off scot-free by framing an innocent person are as guilty as the murderer himself. Those officers may have their executables now.

In short, the death penalty supporters will not get what they've been dishing out to others. The unfairness inherent in this reminds me of other discriminatory aspects of the death penalty. The death penalty is far more likely to be applied when the suspect is black than when he is white, and when the victim is white than when he is black. In fact, the number of white people who have been executed for murdering black people in the past half century can probably be counted on one hand.

Likewise, only the poor have much of a chance to be executed for murder. The well-off generally can hire competent attorneys themselves, while the poor have to deal with public defenders. Although states are now required to provide attorneys for indigent defendants, the standard of competence required for death penalty attorneys in many states was revealed during the public discussion of the Roger Coleman case. The idea is that you place a mirror in front of his mouth; if it steams up, he's qualified. The poor have absolutely no resources to investigate the case independent of the police and to verify or falsify police claims. It should be clear that the death penalty does just the opposite of promoting decency and respect for life. It dehumanizes people and promotes murder. It can never be applied fairly. Massachusetts is doing perfectly fine without the death penalty, and should not fall into the trap of reinstating it.



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For detailed information on housing changes and requests, please refer to TechInfo on Athena. (Folder path: 1) Around MIT - Offices and Services; 2) Office of Undergraduate Education and Student Affairs; 3) Residence and Campus Activities; 4) Spring Term Housing Information.)

THE ARTS

Ensemble dramatize sonnets to intriguing, moving effect

MASTER-MISTRESS OF MY PASSION

Directed by Alan Brody.

Music by Adrian Childs '94.

Kresge Little Theater.

Oct. 28, 29, 30 and Nov. 4, 5, 6.

8:00 p.m.

By Leane Clarke

One of the truly amazing things about the Shakespeare Ensemble's fall production, "Master-Mistress of My Passion," is the way it came about. It began without a script, without a set, without music, without even a clear idea of what it would look like in the end. What resulted is a beautiful and moving piece that is more poem than play — fitting for a production based on Shakespeare's sonnets.

The sonnets are primarily about love, in all its myriad forms and with all its myriad troubles, and "Master-Mistress" follows suit. It starts out simply enough, with couples pairing up under Cupid's influence and snuggling with each other, but soon the partners are abandoning each other and trying out new partners. Many of the characters are unhappy about this, and one turns to drugs for consolation. The situation abruptly degrades into an orgy, after which there is much scolding and much regret, and the original couples pair up once more and live happily ever after.

That is a woefully inadequate simplification of "Master-Mistress." Yes, it's what happens in the piece, but the experience is much more three-dimensional. To accompany the plot — which isn't so much a plot as a thread — there are the words of Shakespeare's sonnets, the music (played on-stage behind screens by a 6-piece group), the set, and the lighting. It is quite possible for one or more of these elements to get lost in the experiencing of the other two or three. I lost some of the words. I was too busy watching the characters move around the stage and interact with each other and too busy listening to the music for my brain to process Shakespeare's words as well. But I don't think this is a bad thing. The experience of the actions and the music (along with the words I heard when I made a deliberate effort to listen) was more than enough. Catching all the words would certainly have added to it, but missing them did not really detract from it at all.

The Shakespeare Ensemble truly worked as an ensemble in this production. There were 10 actors in the production, and all 10 of them were on stage and in view (even when behind screens) for the entire performance, which lasts a little over an hour. They worked very well together, which is fortunate in a piece that involved so much physical and emotional intimacy between characters.

Shakespeare, Page 13



Albert Fischer '94 and Jennifer Nickel '96 embrace in the Shakespeare Ensemble's fall production, "Master-Mistress of My Passion."

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AJP plays unsatisfying mix of jazz, classical music

AMERICAN JAZZ PHILHARMONIC

Jack Elliot, conductor.
Featuring Randy Brecker, Ray Brown, and Phil Woods.
Kresge Auditorium.
Oct. 25.

By Dave Fox
STAFF REPORTER

As part of the American Express Gold Card Grammy Festival, the American Jazz Philharmonic came to MIT and presented two free concerts, on Monday evening and Tuesday morning. The festival is an 8-city event featuring Grammy-winning artist performances and free educational performances and master classes by the AJP.

The AJP is a unique organization — the only American institution dedicated to the advancement of the musical genre of symphonic jazz. This form of music draws from both American jazz and the classical symphonic tradition. The 72-piece AJP has all the resources of a regular symphony orchestra, and has commissioned and premiered some 85 works of symphonic jazz. The AJP has also featured some of the finest jazz musicians in the country as soloists. On Monday night,

bassist Ray Brown, trumpeter Randy Brecker, and alto saxophonist Phil Woods each joined the AJP in performance of commissioned works.

As a jazz musician, I must admit that symphonic jazz is a new concept to me. My first impression was that the genre is similar to what is played by the Boston Pops, although the overall feeling was rather more serious. The first piece, Patrick Williams' "Overture to a Time" started with a classical feel, with alternating brass and string lines. The overall sound was lush and gorgeous (maybe I've been listening to too much free jazz!), and soon developed a jazz feel. Although the sound was lovely, the piece reminded me of a movie theme, perhaps for a John Ford western.

The second piece, "Open Me First" by John Clayton, seemed like a better composition, featuring ornate string lines alternating with "cool" jazz sections. Improvised piano, trombone, and tenor sax solos were offered, but the players were quite restrained and stuck to proven licks and forms. This would seem to be an almost inevitable consequence of playing in front of such a large organization; the chord voicings were so thick as to preclude any daring solo lines.

For the next composition, "Afterthoughts," Ray Brown, who composed the piece, joined the orchestra. Brown has played with Dizzy Gillespie and Oscar Peterson during his long and distinguished career. The piece, a slow ballad, featured a beautiful rubato bass melody over a lush foundation of strings. Brown offered quite a bit of excellent improvisation during this part.

After a marvelous extended solo, the tempo shifted to a blues feel. Brown showed his playful side, as he played some funky riffs unaccompanied. Also of note was a "call and response" section featuring Brown trading off 4-bar lines with the whole orchestra. The ballad feel was re-established, and Brown repeated the beautiful melody to end the piece.

Randy Brecker was called up for the next composition, "El Gamino" by Dick Grove. This had a sort of Spanish feel, and featured Brecker's clean trumpet on the melody. Like the previous piece, the feel was slow and the strings were lush. After statement of the main theme, the tempo picked up and Brecker played a very nice solo. This was not overdone, and was perfectly appropriate to the piece. All in all, the tune was quite beautiful, although I had been hoping to see Brecker in a

little more unrestrained setting — this piece kept his hands somewhat tied. (I guess I'll have to catch him at an after hours club someday!)

After a short intermission, the AJP returned and played the first movement of Claus Ogerman's "Symphonic Voices." I am perhaps showing my ignorance here, but I was unable to distinguish this from straight classical music — the jazz elements were subtle indeed. As with all of the AJP's music, the sound was gorgeous; this would be good music for meditation.

Phil Woods then joined the orchestra for "Nostalgico" by Manny Albam. This tune had an interesting introduction with a quick tempo, in which every eighth bar was in three and the others were in four. Woods wasted no time in uncorking some serious improvisation during his interpretation of the melody, and he offered an extended, Bird-inspired solo during the middle of the piece. After the solo, the tempo slowed down, and this part featured some nice tuba/string bass lines behind Woods' spirited playing. The piece ended with an extended cadenza during which

Jazz, Page 9

Community philharmonic premieres original composition

NEW ENGLAND PHILHARMONIC

Featuring Jean Rife.
Kresge Auditorium
Oct. 22.

By Anne Wall

Last Friday night the New England Philharmonic, a community orchestra based in Cambridge, performed at Kresge Auditorium. The program featured horn player Jean Rife, who teaches horn and chamber music at MIT, and premiered a work by Charles Bestor.

The orchestra, founded in 1976, performs mainly in Cambridge and Metrowest locations. In its efforts to create exciting, unusual programs and promote new music, the orchestra programs local and world premieres at every concert. They are unusual among

community orchestras in that they have a composer in residence and premiere one of the composer's works each year. Composers generally have great difficulty finding groups to perform their compositions. The NEP last year received over 300 submissions of new works for performance, from which they chose two.

Friday's program demonstrated why the NEP has received the American Society of Composers, Authors, and Publishers Award for Adventuresome Programming three times. The program began with the world premiere of Charles Bestor's "In Memoriam Bill Evans," a tribute to the late great jazz pianist. The piece seemed to suffer from a rather careful, pedantic performance that lacked good ensemble and the articulation that goes with it. Nonetheless, it was filled with interesting tonalities and instrumentation. Bestor was pre-

sent at the concert, no doubt pleased to have had the opportunity to have heard his piece performed.

Next Jean Rife performed Richard Strauss' *Horn Concerto No. 1, Opus 11*. While the cello section had some difficulty with intonation and the winds had a bit of trouble holding their own in the concerto, Rife remained composed and in control. Her phrase openings reflected the boldness of the instrument and composer, but overall the performance needed a higher testosterone level. The robust energy one would expect with Strauss was for the most part not evident.

The program ended with a convincing rendition of Honegger's *Symphony No. 3 Liturgique*. Despite the odd intonation problem or squawk from the oboe, the performance was still quite interesting and musical. Each of the three movements takes its name

from a part of the Roman Catholic mass. The symphony is programmatic in that it tries to tell the story of the human condition, from *Dies Irae* to *Donna Nobis Pacem*. The last movement ended with a particularly beautiful series of introspective solo passages. A "halo of strings" set the peaceful tone.

Music Director Jeffrey Rink has done a commendable job in getting a community orchestra to perform to a respectable level. The orchestra lacks a close-knit sense of ensemble, but does quite well considering most of its members are not professional musicians and rehearse only once a week. The NEP provides an invaluable service to composers in programming new music. The orchestra meets its goal of being accessible to the community, both in terms of performance locations and price and should be commended for doing a fine job in what it set out to do.



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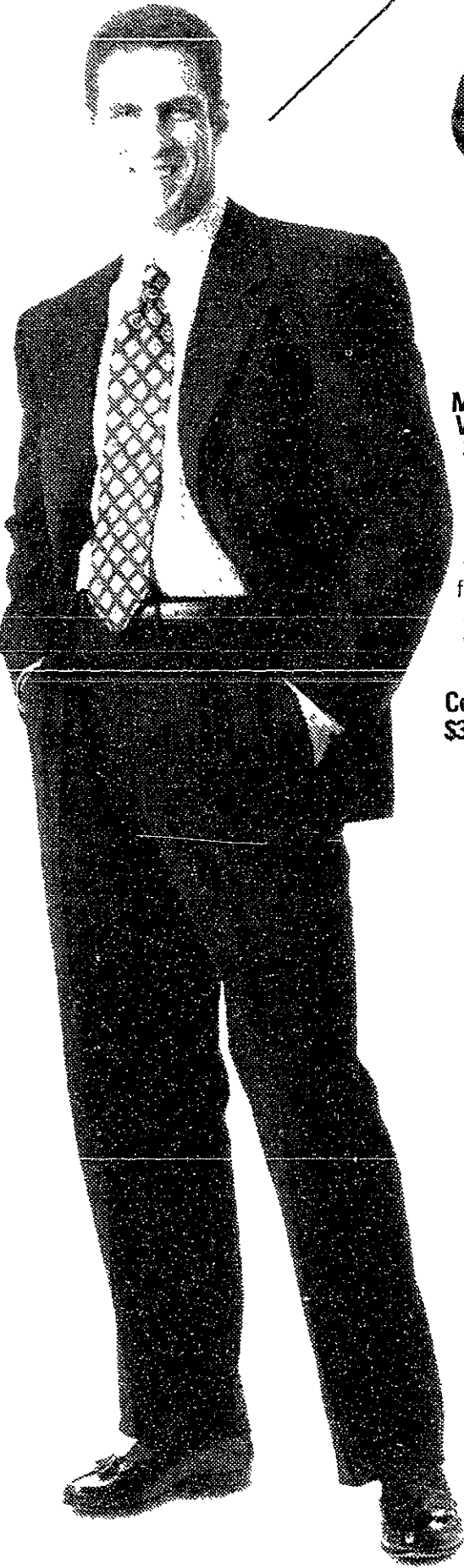
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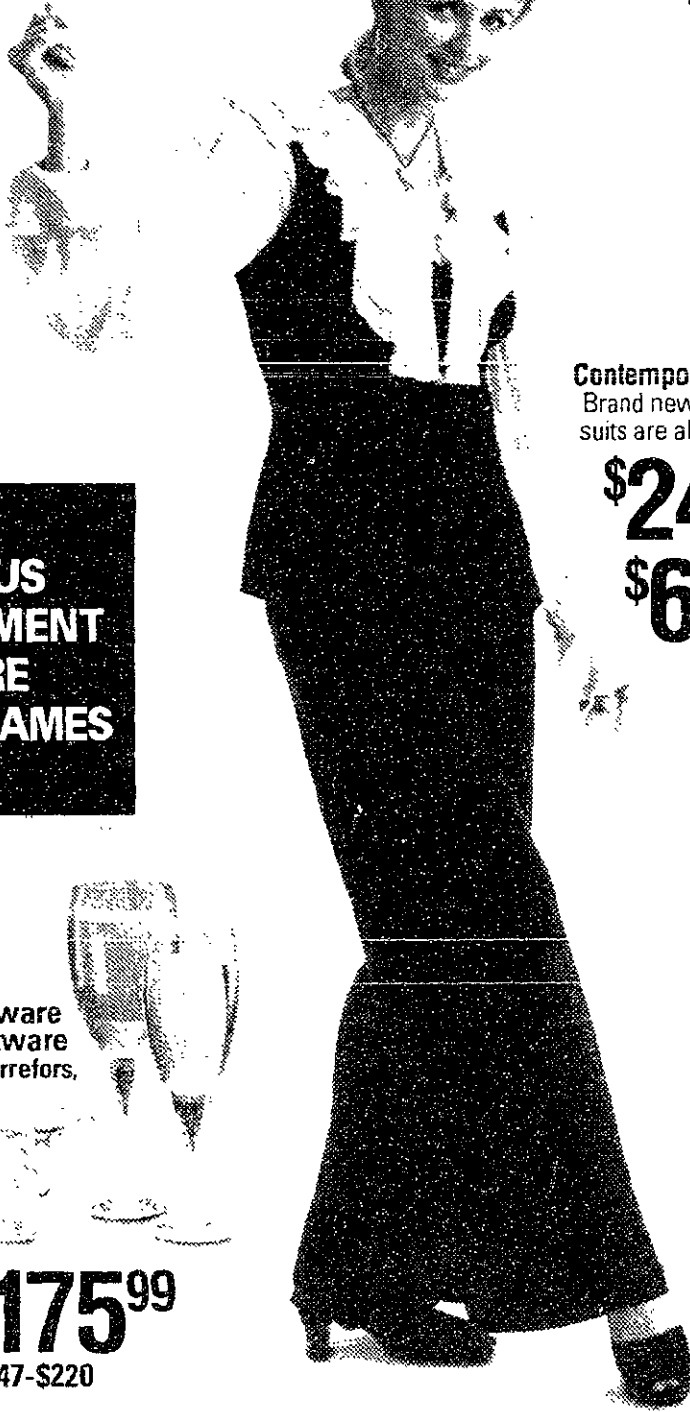
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A superb Bridges turns in *Fearless* performance

FEARLESS

Directed by Peter Weir.
Written by Rafael Yglesias.
Starring Jeff Bridges, Isabella Rossellini, Rosie Perez,
Tom Hulce, and John Turturro.
Loews Copley.

By Scott Deskin
STAFF REPORTER

The first five minutes of *Fearless* comprise the most compelling scenario in the last several months of mainstream cinema. It opens in a corn field, quiet and serene, where Jeff Bridges appears walking through the corn with a baby and a young boy. When they find a clearing, along with a few other wandering souls, the aftermath of disaster is evident: Plane wreckage covers a deserted country road, which is swarmed with paramedics and relief workers; a blanket is thrown over a charred body still fixed to its passenger seat; the paint on the side of the plane's fuselage is melting from flames.

Bridges' character, Max, is in a daze. Instead of going to the hospital, he walks away from the crash site and checks into the nearest hotel to clean up. "You're not dead," he proclaims while examining his injuries in the bathroom mirror. He rents a car, visits the crash site (which is in the California desert), and drives to Los Angeles to visit an old friend. It is not until he is located by the FBI the next day, to identify a picture of his business partner who died in the crash, that he even thinks about going home.

When Max arrives home, he is apparently oblivious to his brush with death or to the affection that his loved ones heap upon him. Increasingly, Max becomes obsessed with the

prospect of defying death, even when it means alienating his wife, Laura (Isabella Rossellini), and his son. He even refuses to lie on behalf of his partner's widow so that his lawyer (Tom Hulce) can reap monetary com-

pensation for a wrongful death suit.

Max somehow believes that he has already passed through death (as revealed in several flashbacks to the plane before the crash) and that, somehow he is invincible. He now eats

strawberries, not fearing that as a child he almost died from an allergic reaction from eating them. He has somehow broken his shell, come out of his fear of flying, and of everything, after the crash. It is what the airline psychologist, Dr. Bill Perlman (John Turturro), deems as a feeling of invulnerability similar to the highs experienced by Vietnam vets in action (the flip-side to post-traumatic stress syndrome, Perlman's specialty).

Another survivor of the crash has not been so lucky. Carla (Rosie Perez) was traveling with her 2-year-old son on the plane and somehow loses him in the wreckage when the plane crashes, shortly thereafter bursting into flames. Three months later, Carla is in a near-catatonic state over grieving for her son, and Perlman decides to pair Max with her so that the two of them may find a way to help each other emotionally. They form a deeply spiritual friendship that leads them both to reevaluate the lives they have been living in the aftermath of the crash, so that Max may save Carla's life and she may help save Max's marriage.

Director Peter Weir (*Witness*, *Dead Poets Society*) does a masterful job of capturing the attention of the audience. Despite a few lapses of emotional restraint (for example, too much is made of the strawberry metaphor), Weir directs with assurance and makes good use of the camera, especially in the opening sequence. All the performances are superb, but Jeff Bridges turns in a remarkable performance as a man who has been reborn into someone who is seemingly the master of his fate. His performance should stand out as one for consideration around Oscar time. *Fearless*, in short, is an unconventional story that stands out for its desire to compel as well as entertain.



Max Klein (Jeff Bridges) stands atop a tall building as he struggles with the aftermath of a plane crash in *Fearless*.

Jazz Philharmonic is inoffensive introduction to jazz

Jazz, from Page 7

Woods pulled out all the stops with some very technical sax playing.

The AJP concluded the concert with its signature tune, "Stay 'N See" by Eddie Karam. Of all the tunes in the show, this was the closest to a straight jazz piece, with a sort

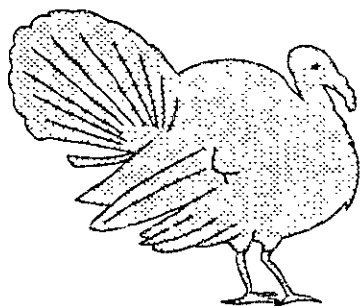
of Count Basie feel. The melody line featured the brass and strings and had a satisfying jazz "fatness." A nice flugelhorn solo was offered by one of the trumpet players, and this was followed by an equally spirited trombone solo (with plunger!). The time was stopped for a piano solo, and then the strings came in to back up the brass soloists, who traded 2-bar

lines back and forth to end the piece.

On the whole, the American Jazz Philharmonic presented two hours of very user-friendly jazz-influenced symphonic music. The playing was absolutely flawless, and the sound in the auditorium was magnificent. This sort of music would not be satisfying either to a jazz or classical purist, but it makes for a

reasonable and inoffensive introduction to either of these genres for persons unfamiliar with them. American Express is to be commended for funding these free concerts, and judging by the standing ovation at the end of the concert, the audience was quite appreciative. Let us hope that other corporations see the light and lend support to the arts.

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Pearl Jam delivers one of the best albums of the 90s

Pearl Jam.
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By Eric Oliver
ASSOCIATE SPORTS EDITOR

Those of you who were expecting Ten II, forget it. Vs. is not a grunge album, but who really wanted it to be? Vs. (originally titled Five vs. One) answers the critics who said, "OK, grunge meisters, even though Kurt Cobain claimed you rode the Seattle scene on Nirvana's coattails, we made you grunge kings. Now show us what else you got."

Although Vs. is a very different album from Ten, the Pearl Jam mystique hasn't changed. Song titles are only meant to identify, not to grab attention. Thus, one word will suffice ("Once," "Black," "Jeremy"). Clothes are to keep warm in the winter and to prevent being naked in the summer, not to make a fashion statement. This epitomizes the grunge style, actually a misnomer because grunge embraces a lack of style, or a rebellion against style. Therefore, when fashion queen Cindy Crawford proclaimed on MTV's House of Style "Isn't grunge, like, over?" no one was happier than Pearl Jam.

Eddie Vedder is still angry. Angry at greed, homelessness, child abuse censorship. The anger of Ten's "Jeremy" is felt by all of us who cannot fathom how a grown person could molest a child, or harm one's own. Dur-

ing a concert he once remarked, "So many of you came down here in limos. It's really great when you come in a limo and you can look out the window at all the homeless people." No band in recent memory has so closely touched the sources of our generation's frustrations as Pearl Jam, and that's why this album was so greatly anticipated.

Unknowingly, our first introduction to Vs. was at the MTV Video Awards, when Pearl



Jam opened up with a fiery rendition of "Animal." Who else but Pearl Jam could play the MTV crowd with a completely unheard song, and follow by bringing the house down with a rejuvenated Neil Young and "Rockin' in the Free World." "Go" was the first single released to radio stations. This song picks up right where Ten left off, with Eddie Vedder, Jeff Ament, and friends screaming and thrash-

ing through a plea of "don't go out on me."

Yet so far, "Daughter" has quickly become my favorite song on the album. Who is he singing about? Who is this poor girl he's describing, who is always trying her best, but can never please a domineering mother? Or is it every daughter? With a painful voice and an acoustic background, Eddie captures the futility a daughter feels.

Many songs display Pearl Jam's talents in different musical directions, a risky and respectable way to follow up a top selling debut album. "W.M.A." (white male American) shows off drummer Dave Krusen with an almost tribal rhythm dominating the song. Eddie's haunting vocals cry the pain of a black man who is the victim of a police beating (but it's not Rodney King). "Blood" gets really funky, in a Sly and the Family Stone way, but ends with guitars and drums thrashing and screaming. A Pearl Jam experiment gone awry.

Meanwhile, "Glorified G" (g for gun) is simply a sarcastic look at your average gun toting, God fearin', middle American. "Dissident" tells a partial story of a woman changing her life by turning in a harbored dissident to the authorities. Ament's guitars make this song rock, and it should become a big radio hit, but you'd be better off not trying to follow the lyrics.

"Rats" is a down and dirty light hearted song about the street creatures. Even this song, though, is not without it's political message "They don't grab, don't fight . . . Don't

oppress an equal's given rights."

Then there's "Elderly woman behind the counter in a small town." This song is acoustic and sounds almost liked it was inspired by Bob Dylan. Vedder is at his peak, concluding by fading off while repeating the phrase "Hearts and thoughts they fade . . . fade away."

The next song "Leash" comes at you hard and heavy. This song is pure anger unleashed. The target, as was the target in "Jeremy" is parents. Eddie pulls no punches, screaming "drop the leash, drop the leash, get out of my [word omitted] face" until his throat seems to bleed.

After his tirade, he gets reflective with "Indifference." Singing in a near whisper, again with almost Dylan-like lyrics, "I'll swallow poison until I grow immune / I will scream my lungs out 'til it fills this room / How much difference does it make?" This song seems to have the same impact on Vs. as "Release" did on Ten. By ending with "Indifference," Eddie gathers all his frustrations, anger, angst, and energy and turns it inward. The soft reverberating guitar notes accompanying his soliloquy create the mood, and make for a fantastic ending to the album.

I've heard a friend call this the best album of the 90s, perhaps only to be challenged by Pearl Jam's third album, whenever it comes out. With both albums in the top 20, and an upcoming tour, we may be in the midst of another Led Zeppelin.

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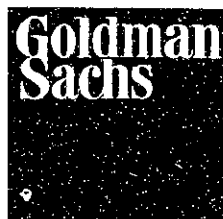
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★★★★: Excellent
★★★: Good
★★: Average
★: Poor

★★★★½ **The Age of Innocence**
The film version of Edith Wharton's novel comes in on of the conflict felt by Newland Archer (Daniel Day-Lewis), who must balance the rigid social code of 1870s New York and his passion for Ellen Olenska (Michelle Pfeiffer), his fiancée's independent and intellectual sister. Despite the Victorian setting, his is obviously the work of director Martin Scorsese, who specializes in movies about people's struggles to make decisions. The directing is meticulous and the sense of authenticity is impressive. The chemistry between Day-Lewis and Pfeiffer is also powerful, but the camera focuses on the internal struggles of the two and thankfully avoids the lurid sex scene typical of Hollywood movies. —Craig K. Chang. *Loews Nickelodeon*

★★ **Demolition Man**
Although the advertising for this film has portrayed this film as primarily about a 21st century duel between a cop and a criminal from the 20th century, the actual emphasis of his film lies elsewhere. It is the exploration of the futuristic society that dominates the film's screen time and is one of the film's few success. In 1996, LAPD Sgt. John Spartan (Sylvester Stallone) and psychopathic criminal Simon Phoenix (Wesley Snipes) are both sentenced to a cryopententiary. When they resurface in 2032, they resume the battle where they left off. Although this provides the plot for the film, the actual emphasis is in

exploring the futuristic, Orwellian society the writers envisage, complete with a big brother figure in Mayor/Governor Raymond Cocteau (Nigel Hawthorne). Cocteau's society is devoid of social evils like violent crime and foods high in cholesterol. This film features a rather interesting virtual sex scene in place of the standard Hollywood fare, as well. Ultimately, however, *Demolition Man* is unsatisfying. The lame plot combined with the woefully banal dialogue is only partially salvaged by the clever picture of the 21st century. It is interesting, but not all that exciting. —Joshua Andresen. *Showcase Cleveland Circle*

★★★ **Cool Runnings**
Based on the true story of 1988 Jamaican Bobsled Team, the film is actually quite enjoyable despite its overused themes. Starring Leon (remember Madonna's "Like a Prayer" video?), Doug E. Doug, and John Candy, the film follows four Jamaican athletes and their coach on an adventure from a sunny island to the Calgary Winter Olympics. The underdog story has its own unique scenario, and manages to pass as a sweet mixture of comedy and heart. —CKC. *Loews Copley Place*

★★★★½ **The Fugitive**
The ultimate chase movie begins with the ultimate special effect — a train and bus wreck staged not with miniatures, but with the real thing. The wreck frees Dr. Richard Kimble (Harrison Ford), wrongfully convicted of murder, from the bus transporting him to prison, setting up a two-hour chase between Ford and his pursuer, the dedicated federal

marshal Sam Gerard (Tommy Lee Jones). Ford is the big name star, and though he gives a great performance, Jones gets all the good lines. His single-minded devotion to upholding the law makes him, in a strange way, a more interesting character than intelligent nice guy Kimble. "I didn't kill my wife," insists Kimble, trapped in a drainage pipe; "I don't care," replies Gerard, and attempts to bring in his suspect. *The Fugitive* is an exciting movie, and a well-paced one, too, as Kimble's escapes grow ever more narrow and improbable, eventually leading up to a taut climax and a satisfying ending. For once, the hype was worth the wait. —Deborah A. Levinson. *Loews Copley Place*

★★★ **Jurassic Park**
Michael Crichton's dinosaur epic translates well to the big screen (not surprising given that the book read like a screenplay), and Steven Spielberg does a good job in metamorphizing the dinosaurs from harmless cutesies to malevolent predators. Despite fine acting from Sam Neill and Laura Dern as an archaeologist and his paleobotanist girlfriend, the dinosaurs, both animatronic and computer-generated, are clearly meant to be the stars of the film. Most realistic of the menagerie is the sick triceratops lolling on her side; least, the herd of grazers that stampede across a field as Neill and two children run for cover. It's good to see Neill, a talented actor and star of many British and Australian films (including *My Brilliant Career*) and Dern, who finally started to get plum roles after her success in *Rambling Rose*, get the exposure they so richly deserve. *Jurassic Park* isn't stellar filmmaking, but its individual elements add up to

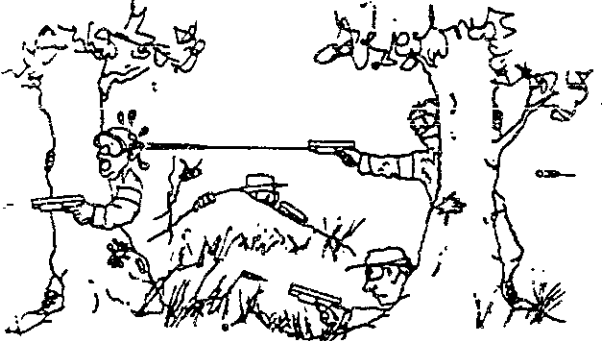
make it a whirlwind, entertaining ride. —DAL. *Loews Charles*

★½ **Malice**
A clever, but underdeveloped plot dooms *Malice* to mediocrity. The movie centers around an egocentric, young doctor with a God complex (Alec Baldwin). The doctor saves the life of a college student who is raped; then he rents a room from one of the college's deans (Bill Pullman) and his wife (Nicole Kidman). But what starts out as a thriller about a killer on a college campus, ends up as a confusing story with a plot line that has more twists than a bag of pretzels. Kidman and Baldwin act well, but Pullman is both dull and boring. *Malice* also suffers from the Hollywood syndrome of unnecessary violence and pointless sex. Neither help the plot any, and often they are completely out of character. As a thriller, this movie fails miserably. As a mystery, it fails too. I don't think anyone can be expected to come close to figuring this movie out. —Patrick Mahoney. *Loews Cheri*

★★★ **Manhattan Murder Mystery**
Woody Allen's latest tale of angst-ridden New York intellectuals tells the story of a mild-mannered book editor (Allen) and his energetic but bored wife (Diane Keaton) as they become involved in solving an alleged murder case. As in any Allen film, sexual tensions complement the action, with old friend Ted (Alan Alda) coming on to Keaton's character, and sexpot author Marcia (Anjelica Huston) setting her sights on Allen. The result

Screen, Page 13

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ON THE SCREEN

— BY THE TECH ARTS STAFF —

screen, from Page 11

\$6.75 worth of stakeouts, soulful stares, sexual stress, and silliness. *Manhattan Murder Mystery* may center upon a rather bland murder plot, but it also provides a tight script, savagely spastic Allen performances, and the excellent supporting cast audiences have come to expect from an Allen film. —Matthew H. Hersch. *Loews Charles*

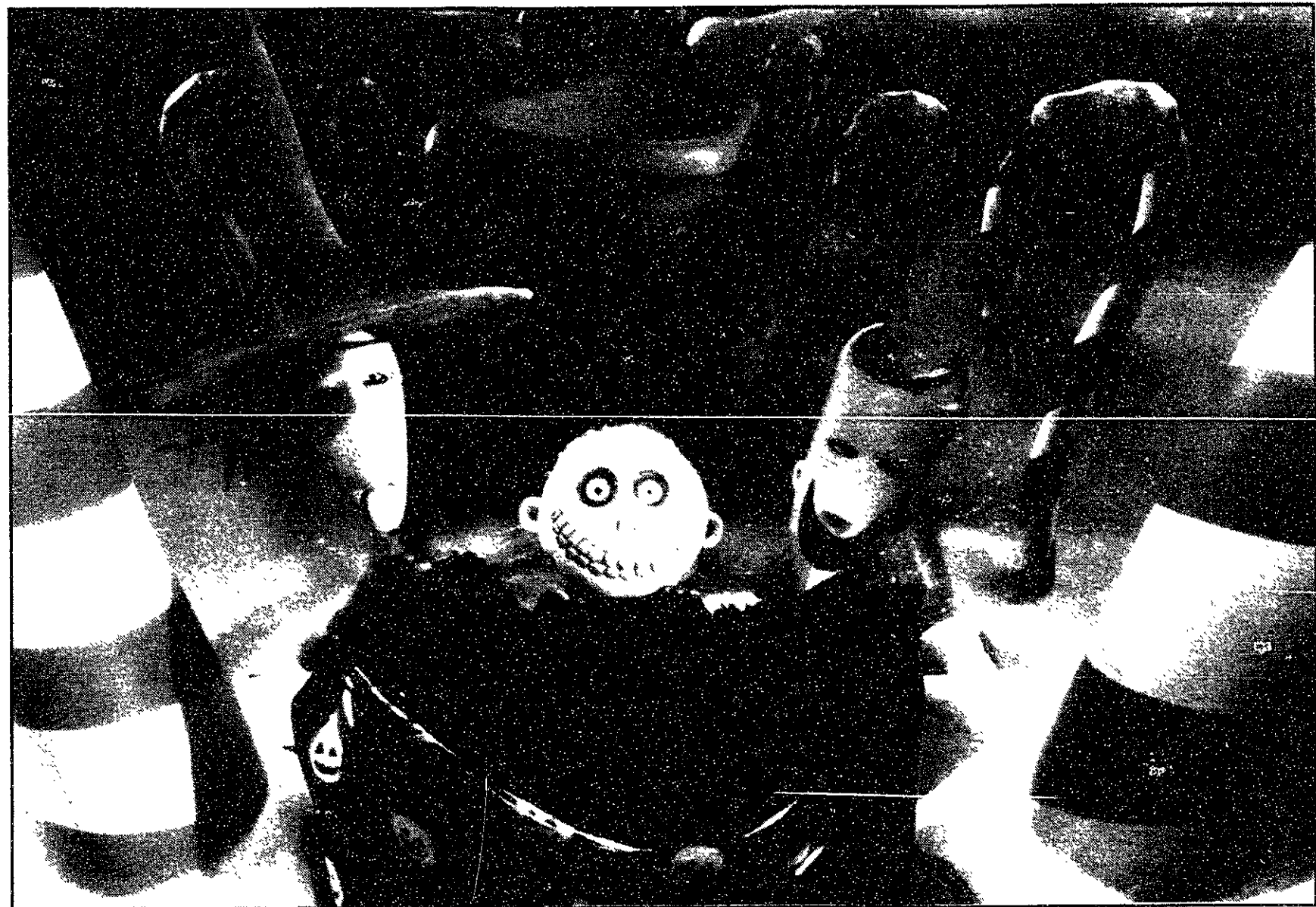
★★½ **Mr. Jones**
This movie's namesake, Mr. Jones (Richard Gere), suffers from extreme bouts of euphoria and depression. The movie follows Jones and his psychiatrist Elizabeth (Lena Olin) as Elizabeth treats Jones and falls in love in the process. Gere's acting is superb, playing his part with flamboyance and energy. Olin's performance holds its own, but she is dwarfed by Gere. The movie is about mental illness, but it doesn't address the issue very well. It glosses over much of what is done for Jones and the plot ends up being muddled and slightly confused. Still, see *Mr. Jones* for the performance of Gere — it's one of his best and most convincing. —PM. *Loews Copley*

★★★ **Tim Burton's The Nightmare Before Christmas**
The animation of this film is incredible, as are the characters, though sadly this level of excellence is not matched in the writing or the music. Set in a land where each holiday has its own world, *Nightmare* gives the account of Jack Skellington, the leader of Halloweentown. Tired of exporting Halloween each year to the "real" world, Jack decides instead to bring Christmas to everyone. His plan includes kidnapping "Sandy Claws" so that he himself may deliver all the toys made for him by the ghouls and goblins in Halloweentown. Unfortunately, his good intentions do not translate into a successful Christmas. The

most striking feature of the film is the impeccable animation. The movements of the extremely lanky Skellington are impossibly smooth as he dances across the screen. Tim

Burton's characters are what make this film truly entertaining, from the ebullient Skellington to the nasty Oogie-Boogie (who wants to eat Santa Claus for dinner). Unfortunately, the

plot lacks interesting twists, and the songs lack originality. Despite the flaws, this remains a fun film overall. —JA. *Loews Harvard Square*



The henchmen Lock, Shock, and Barrel go off to Christmastown to bag "Sandy Claws" in Tim Burton's musical fantasy, *The Nightmare Before Christmas*.

Production of Shakespeare's sonnets is a surprise

Shakespeare, from Page 6

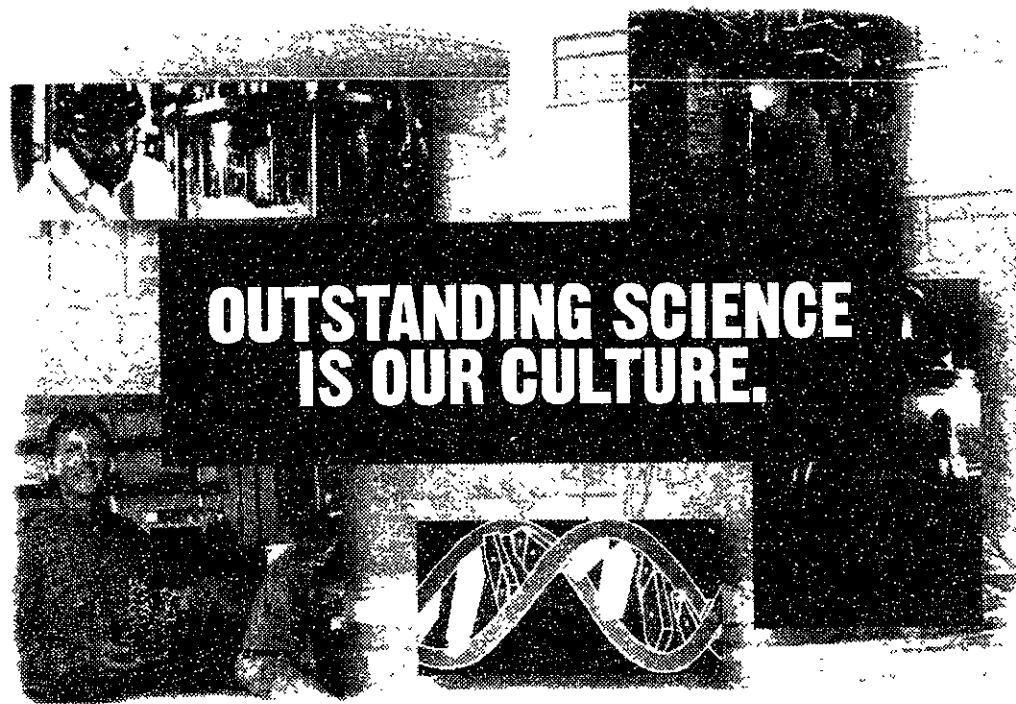
The set for "Master-Mistress" is very simple, consisting of a few white cloth screens and two groups of elastic cords stretched between floor and ceiling. This minimal set creates the perfect space for the actors to work in, providing the characters with obstacles and places to hide, yet not interfering with or intruding on

the experience created by the characters' actions. The screens capture and reflect the light, light which conveys very accurately and subtly the changing moods in the piece.

The music is performed by a group of six musicians, playing violin, viola, cello, flute, clarinet, and piano. The composer attended rehearsals to follow the developing production, and the result is accompaniment that is

far more than background music. Like the lighting, the music helps to convey the changing moods of the piece, but unlike the lighting, the music is far from subtle. In places, the characters are forced to compete with the music — a situation which was deliberately created and which works very well for the most part, but which also causes a couple of the quieter actors to be drowned out in a few

places. "Master-Mistress of My Passion" will be a surprise for those expecting a production like the Ensemble has done in the recent past, and a surprise as well for those who think all the sonnets are pretty, delicate poems about true love. It is a pleasant surprise, though — an intriguing and moving piece, and one definitely worth seeing.



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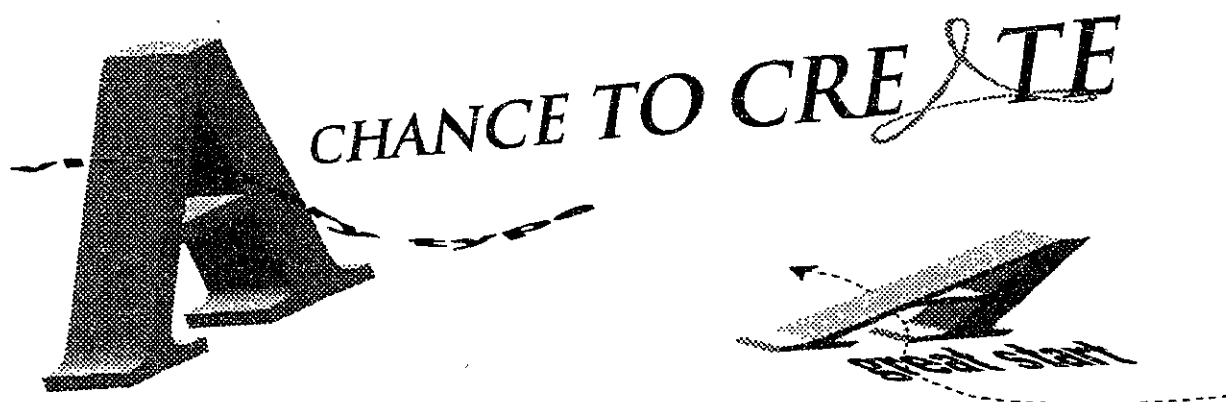
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- ◆ You will work on a small team developing multiple, very large scale, graphics rendering, font scaling, and compression/decompression ASOC's, using 0.6 micron CMOS standard-cell technology. You will design and develop associated simulation models, test programs, logic and functional verification programs and other software required to develop this ASIC.

BSEE or CS and/or equivalent experience, familiarity with logic design, simulation, test generation and micro-programming techniques; some user-level UNIX and "C" programming skills are needed. MS degree and previous industrial experience preferred. JMC1.

- ◆ You will design, implement, document and maintain software tools and automation scripts for applications and font testing. You will work closely with engineering on product-specific technical issues, teach classes, give tutorials and demonstrations on various tools, as well as evaluate and install third party software tools, and assist with white-box engineers using code coverage, software automation and other tools.

BSCS and/or equivalent experience, background writing applications in MS Windows™, and excellent written, verbal and interpersonal communication skills. Experience programming in C or C++ in Windows™ and/or UNIX environments desirable. RNB1.

- ◆ You will perform tasks related to the creation of Adobe CD-ROM products, which may involve user interfaces for Macintosh® and possibly Windows products. Qualified candidate will also assist in data collection and verification, encryption and data formatting, communications with MIS and other engineering and non-engineering related tasks involving CD-ROM.

A BSCS or equivalent, strong set of C programming skills on the Macintosh, excellent written, verbal and interpersonal communication skills and a good understanding of Adobe products required. Windows programming skills desired. JA1.

- ◆ You will need experience working on multi-platform, programming C or C++, and excellent written, verbal and interpersonal communication skills. Qualified candidate will have a BSCS and/or equivalent experience; knowledge of C and/or C++ desired. RIB1.

- ◆ You will have experience working on multi-platforms, experience programming in C and/or C++, and excellent written, verbal, and interpersonal communication skills. BSCS and/or equivalent experience is required. Experience with graphics and visual documentation a plus; knowledge of C and/or C++ is desired. BW1.

- ◆ You could make an immediate contribution to Adobe by developing a variety of font-related software packages for both the Macintosh and Windows platforms. The immediate need is for user-interface work on Adobe Type Manager control panels, font downloaders and installers and other font utilities and for performance analysis to locate critical code areas for optimization, and this is only the beginning.

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- ◆ You will develop enhancements to tools as required by the changing functionality of the products being developed; create new automated test tools and/or new modules for existing tools.

BSCS or related field and/or equivalent experience, strong knowledge of Unix and C programming are required. Additionally, excellent verbal, written and interpersonal communication abilities, troubleshooting and analytical skills are essential. JMCML

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Provide primary and/or escalated phone support to customers to ensure customer satisfaction. You will interface with product support

engineers, QA and project management on reliability and maintenance problems. Additionally, you will enter information into the central database, provide input to documentation and beta programs as well as maintain technical training materials and provide training on current products to technical support personnel.

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November 4 & 5, 1993

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Donovan Convicted Of Murder, Robbery

Donovan, from Page 1

Shon McHugh did, Reilly said.

Other witnesses for the prosecution included Raustein's mother, the police officers who made the arrests, and the medical examiner who pronounced Raustein dead, Reilly said.

Professor William B. Watson, housemaster at Baker House where Raustein lived, attended part of the trial. Raustein's mother took the stand to identify the stolen wallet as belonging to Raustein, he said. The purpose of her testimony was to establish the relationship between Raustein and his mother and to show the jury that there is a grieving family, Watson said.

The strategy of the defense's case was to show "Donovan was without knowledge of the robbery and of the murder being committed," according to Donovan's attorney, James O'Donovan. O'Donovan called Donovan and his mother to the stand.

Donovan admitted to punching Raustein, but he "did not see the knife, did not see the stabbing,"

O'Donovan said. Donovan testified that he had no idea why Raustein's wallet was missing. He also testified that he observed Velez asking Fredheim for his wallet, O'Donovan said.

O'Donovan said he will appeal the case. Yesterday's verdict did not surprise him, he said. "The case was tried fairly," he added.

"I think from the evidence that I've heard, ... Donovan got the verdict that he deserved," Watson said.

"The whole thing is very depressing really," Watson said. He hopes young people can learn something from this case. Three lives were wasted, and one life was destroyed, he said.

McHugh's lawyer has appealed McHugh's decision, and McHugh faces a jury trial later this year. In the juvenile system the defendant is first tried without a jury and then gets an automatic re-trial, Reilly said.

The first trial was before a judge, and the re-trial will be before a 12-person jury on Nov. 5.

Velez is awaiting trial.

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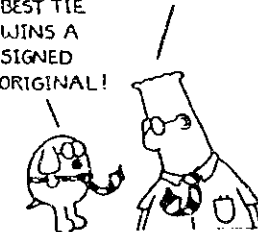
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CASPAR Shelter Scheduled for Completion in June



Cambridge mayor Kenneth E. Reeves speaks before the CASPAR shelter groundbreaking as President Charles M. Vest looks on.

CASPAR, from Page 1

important new gateway."

According to MIT and Cambridge officials, yesterday's event symbolized a new era of relations between Cambridge and MIT.

CASPAR is grateful for the permanent site and feels it has been a catalyst for this communication" between Cambridge and MIT, Brescia said.

O. Robert Simha MCP '57, director of planning, called the agreement "a wonderful step in the right direction of a relationship between MIT and Cambridge — an

derful and well-attended. "The atmosphere was very warm, very congenial," he said. "Everyone spoke warmly about MIT [including] Mayor Reeves and the mayor of Somerville," Simha said. "It would have been an event that anybody at MIT would have been pleased to have attended."

"Many other communities would never have the dynamic we've had to go through all the gyrations to get a solution that is win/win," Reeves said at the ceremony.

"President Vest is to be congratulated for his vision and his understanding of the nature of community. With his leadership MIT and Cambridge have joined together to address the problem of shelter and safety for troubled members of our community," Reeves said. "The city applauds the efforts of neighbors, MIT, and members of the city council" who served on the sitting committee that approved the agreement.

"It is not the ordinary mission of a university to find a site and finance a building for a health and human services agency such as CASPAR, but MIT had been committed to CASPAR for 14 years, and it was clear that the Cambridge community wanted the services of CASPAR," Vest said at the groundbreaking.

"We hope that the building will be complete by May or June," Brescia said. CASPAR is still operating out of the temporary trailers right now, he said.

Details of the agreement

MIT will lease the building to CASPAR for \$1 per year for 20 years, with an option to renew the lease for another 20 years. CASPAR will pay MIT \$1 a year for the site, while MIT will pay Cambridge \$1 a year for each of the streets. The agreement specifies that MIT may

make improvements to leased streets but must preserve public access to them.

Cambridge transferred ownership to MIT of part of Amherst Street and leases for Carleton and Hayward Streets, and a portion of the sidewalks on Vassar Street.

MIT also received two easements to build bridges or tunnels

across Carleton Street and a third easement for a bridge or tunnel across Hayward Street. MIT will retain possession of any street-spanning structure when the lease on the streets expires.

At the ceremony MIT and Cambridge received "recognition for the creative way of resolving this problem," Simha said.

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Defying Gravity, with photography by Doug Menez and text by NBC News Correspondent Markos Kounalakis, is a fascinating "inside-the-kimono" account of the creation of a new technology. It follows a team of Apple's best and brightest as they struggle to invent a new technology for a market that does not yet exist, in an effort to stay competitive into the twenty-first century. This book gives readers an inside look at the human story of Newton, which involves dozens of committed individuals who are at the top of their field, facing overwhelming pressures and making enormous personal sacrifices to work on a shared vision. Menez and Kounalakis have created a very different kind of business book, one which shows how it looks and feels to be on the roller coaster ride of new product development. It's a valuable primer for anyone grappling with the issues facing American business today. Publisher's Price \$29.95

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Survey Recommends Re-opening Pritchett

Survey, from Page 1

coffee, or smoke, he said. It is also near students' classes, he added.

The third point students made was that the Pritchett Snack Bar should be re-opened. Pritchett's closing was the main complaint from east campus residents, Miguel said. There is "talk right now of opening a student cooperative, a student-run Pritchett."

Two other issues came up but were not as widely expressed. One was to improve the selection and quality of food for vegetarians. The other was that there should be more competition between ARA and the food trucks.

"The trucks are really cheap, tasty, efficient — it seems like everything that ARA is not," Miguel said. Students suggested that MIT give these food trucks permits to move onto campus or near the dormitories, he said.

Survey part of meeting agenda

UA President Hans C. Godfrey '93, Senior House President Kimberly S. Hamad '94, and East Campus President Tariq M. Shaukat '94 will be meeting with Arthur C. Smith, dean for undergraduate education and student affairs, and Lawrence E. Maguire, director of housing and food services, within the next few weeks. Other student representatives will also attend this meeting, Shaukat said.

The UA's survey results will

support a proposal student representatives from Senior House and East Campus are working on, Godfrey said. This proposal came about after a different survey and from discussions held at East Campus and Senior House in early October.

For the meeting with Smith and Maguire, "east campus problems are on the top of everybody's agenda," Miguel said. The agenda includes taking concrete steps to open Networks on weekends, to make Pritchett student-run, and to expand the hours at Walker. Hopefully these changes can be made as soon as possible, he said. Up until now, "students have gotten the raw end of deal," he added.

The idea of granting permits to the food trucks is "beyond the UA's scope," though it will be brought up at the meeting, Miguel said.

The meeting will include discussion on how to make these recommendations financially feasible. "That's basically the crux of the whole thing: ARA is a company and they want to make money," Miguel said.

"What we want to do is see what measures can be taken. A student-run cooperative wouldn't cost them any money," Miguel said. Furthermore, Lobdell Court expanded breakfast hours during the term, and ARA has not mentioned anything about losing money yet, Miguel said. The plan is to "tell them what students want and they can shift their hours around our needs," he said.



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Seminars Will Be Repackaged

Seminars, from Page 1

Merritt summed it up by saying: "We have not used the Goodyear blimp yet."

Merritt and Enders titled their faculty newsletter article, "Were Any Heads, Deans, or Provosts There?" They wrote that in order for an event to be considered important, it usually must have a faculty critical mass; that is, a certain number of faculty need to come.

The message is even stronger if department heads, school deans, or provosts attend, Merritt and Enders suggested. They said that if more prestigious faculty had attended the seminars, the talks would have been more successful.

The headline was "a little bit of a dig," admitted Merritt. "When Peggy [Enders] and I wrote the piece, we were feeling frustrated about the not-too-great attendance."

The low attendance at the seminars was "not a disaster," said Merritt. "The people who came derived a lot of benefit."

Professor Paul L. Penfield Jr. ScD '60, head of the Department of Electrical Engineering and Computer Science, said he was unable to attend any of the seminars because of a busy schedule full of meetings. He did say, however, that many members in his department attended.

"We need to repackage the fall [seminar] series and put it on a different schedule," Merritt said. Other series in the past have been better attended, especially those during Independent Activities Period. Last IAP, about 700 people attended the 14 talks offered, Enders said.

Enders and Merritt said the seminars may be rescheduled to the start of the term. Presently there is a 2-day orientation workshop for all new faculty members and teaching assistants at the beginning of the term, which may include the seminars in the future, Merritt said.

Penfield said that the beginning of the term involves some "madness," in that professors are preparing for class and meeting students. "It's hard to conclude that these seminars would be better attended [at the beginning of the term]; I don't know," he said.

"It's always hard to know when to squeeze more things in," Bradt said.

The seminars comprise only one part of the Teaching and Faculty Development Program of the Undergraduate Academic Affairs Office. Another program is the MIT Classroom Videotaping Program, in which participating faculty are videotaped during a class. The professor can then watch the tape at home or discuss it with a professional consultant.

The videotape is in no way used by the departments in evaluating the teacher or in tenure decisions. "What we didn't want was a program that would smack of 'big brother is watching you,'" Penfield

said. He said that he doesn't even know which teachers in his department have been videotaped.

According to Bradt, the physics department has a videotaping policy. "Junior faculty have to be videotaped as well as senior faculty who haven't taught in five years," he said. At the start of the policy, not many people volunteered, Bradt said, but "then we made the point of delicately asking those people."

Bradt noted that every instructor videotaped by the physics department this term has volunteered to discuss the tape with the consultant.

Bradt himself was videotaped several years ago. "It just straightened me out in four or five different ways, in ways that I or students couldn't have articulated," he said.

"The faculty members that I know who have participated [in the videotaping program] have first of all been shocked, and second, they have improved [their teaching]," Penfield said.

"It works. Faculty really do get a lot out of a tape that they talk about with someone not in a threatening position," Enders said.

The UAAO is also trying to improve english as a second language programs for the faculty, according to Enders. Additionally, a resource liaison program puts new faculty in contact with a member of the UAAO staff so that they will have someone to ask questions.

"We'd like to get faculty in general and TAs to talk to each other about teaching and to visit each other's classes," Merritt said. These efforts may encourage faculty to devote some of their energy from research toward better teaching, he said.

Penfield said that in his department all junior faculty are assigned a "teaching buddy," a senior member of the faculty. The two participants should attend each other's recitations and talk frankly about what works and what doesn't, he said.

Student evaluations of teachers are being highly noted, even for tenure considerations, according to Bradt. "The young faculty are caring more about their teaching now," he said, testifying to the success of the efforts for better teaching.

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Jim's Journal by Jim

Somebody was supposed to come by today to hook up my cable TV.



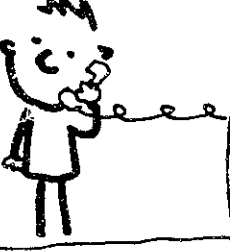
I waited from noon to five, just like they told me to.



The cable company called and said, 'Where were you?' We came, but nobody was home."



Then I remembered that at around four I went across the street to buy corn nuts.



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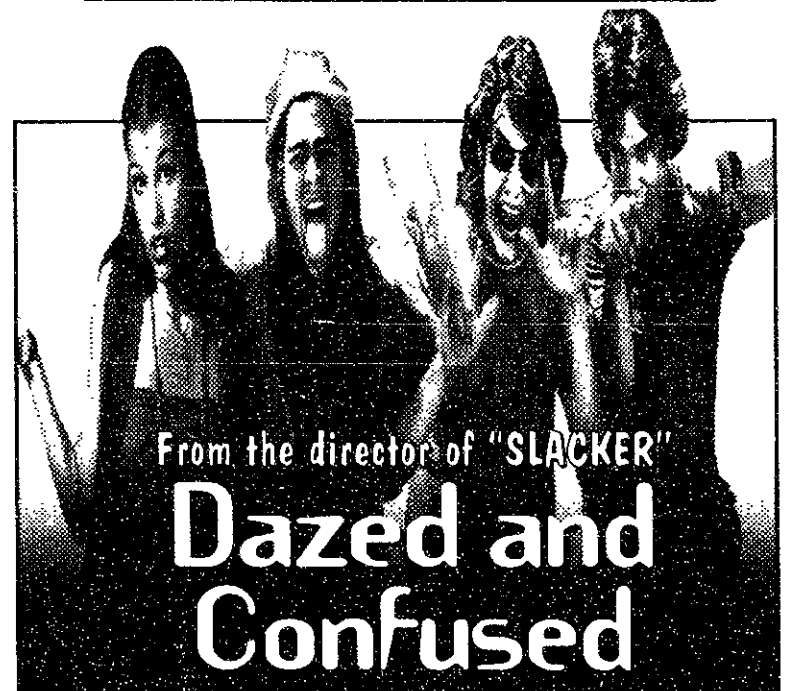
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—Jay Carr, BOSTON GLOBE

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Beavers Will Prevail In Subway Series

Argue, from Page 20

Let's Argue Fan Top 5

- This week's list comes from Erik Abernathy G:
1. Indiana
 2. IU Kokomo
 3. Indiana State
 4. Ball State
 5. Butler

Where Are They Now?

Former Dallas Cowboys. Golden Richards, Robert Newhouse, Randy White, Preston Pearson, Charlie Waters, Danny White, Too Tall Jones, Jackie Smith, Rafael Septien, and Clint Didier.

Mondongo's Hueso de la Semana

This week's winner is Cleveland quarterback "My Cousin" Vinny Testaverde for not opting to siide after his 13 yard gallop in Sunday's game versus Pittsburgh. In an attempt to show off his machismo, Vinny took on two Steeler defenders rather than go the usual wussy quarterback route of sliding. The end result? Vinny separated his shoulder and is out for the season.

Globe Gem of The Week

The boys of the Olde Towne rag really out did themselves this week. After Sunday's Doves victory over the Patsies, a column with the headline of Mirer reminding some of Montana ran in Monday's editions. Granted Mirer did lead the Doves to the game winning score, but they were playing the Patsies for heaven's sake. The fact Mirer lead his team to victory should not have been the headline, rather how terrible Mirer looked in the first three quarters when he could only put a field goal up on the board.

Trivia Question of the Week

Who holds the longest current winning streak in the NCAA (not including ties)? Send answers, comments, and raving reviews of our radio broadcast to sports@the-tech.mit.edu.

Answer to last week's question: WMBR is Walker Memorial Basement Radio. Kudos to Michael Bowers '92, Melinda Keyser G, Jeff Cole, Ted Botimer G, and Chris Becker who all got it right. They each win a free all-you-can-eat buffet. Just show up in Building 4 on Monday for the 3M presentation at 7 p.m. and feast.

MIT TWIB Notes

The men's varsity basketball team will conduct tryouts starting at 5 p.m. Monday in the Cage. Interested parties should show up promptly dressed in athletic garb.

The football team moved up to the number nine ranking in New England. The men's cross country team is currently ranked second in the latest New England polls. The women's field hockey team is 2-4 in the conference and 10-5 overall. The men's soccer team is 1-3, 6-5 overall. The women's tennis team entered New England Women's 8 playoff action as the third seed.

Sir Vix Picks

MIT 21, UMass Boston 6: Tech prevails in annual subway series, a tune up for next week's Super Bowl. Luckily no one injured while walking up steps of JFK T-stop in cleats.

Patsies 13, Dolts 10: Scientists suspend embryo research after watching this thriller, saying that human cloning may not be a good idea after all. Saints 31, Bishops 14: Phoenix players so distraught at death of Vincent Price, they spend week watching reruns of Brady Bunch "Brady's go to Hawaii" episode over and over. Boys 27, Speagles 17: Five more Philly players injured by mob crowd at Howard Stern book signing.

Chiefs 23, Fish 21: KC, when invoking new Girl Scout pledge, changes "God" to "Montana." Norwegian Americans 17, Lions 9: Inspired by Jack Buck's radio descriptions, Minnesota will officially change its name to Purple Helmeted Warriors. Pigeons 42, Bucs 35: Prime Time (the other one) furious over not being mentioned in Margaret Thatcher's new book, vents anger at quarterback Erickson and the rest of the Tampa plugs. Broncos 23, Doves 0: Seattle players arrive late from Houston after attending David Williams' son's circumcision. Giants 24, J-E-T-S 20: 5-year-old Paul Rosen (aka "Superboy," who survived a 7-story fall) brought in to replace fragile Mike Sherrard at wide receiver. Home field advantage propels Giants to victory.

Last Week: 6-3

Season to date: 40-19

Rumblings from around the 'Tute

From Mike Bowers '92 out in the Bay Area: "Last weekend when you all were here I said, 'How exciting, broadcasting from Walker Memorial Basement Radio.' I think there are a lot more people at the 'Tute that know this as well. You're going to get thousands of students screaming, 'I know this, I know this, oh oh oh.' And then they're going to walk around the tute for a week with a chubie."

From Ted Botimer G: "Kudos to the MIT football team on the big victory. Their prowess was only outdone by your pearly tones on the airwaves. I am history from this place on Thursday so I thought that I would go out a winner. California here I come."

From Ben "The River" Jordan '95: "To anyone who missed the homecoming football game here at MIT last weekend, you missed out on a lot. And in case you haven't pulled yourself away form your Athena terminal long enough to read about it in *The Tech*, you probably don't know that your mighty Beaver football team is well on its way to making a new name for a school that wouldn't support athletics as much as it supports the Internet."

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Sailing Team Qualifies For Schell Race

By Daniel Nester
TEAM MEMBER

The varsity and women's sailing teams enjoyed another successful weekend. As the season nears an end, and the regattas are getting more important, the team is coming together with many sailors contributing to the success.

This weekend saw the women's team at home on Saturday and Sunday, while the varsity team traveled to Harvard University on Saturday for the Oberg Trophy, the Greater Boston championship, and to Dartmouth College for the Hurst Bowl on Sunday.

Daniel Nestor '96 and Matthew VanEman '97, Vjekoslav Svilan '95 and Heather Campbell '95, and Doug DeCouto '97 and Charlie Pan '95 sailed to a fourth out of seven at the very competitive Oberg Trophy.

Meanwhile, up river at the MIT, the women Danielle Ames '96, Lisa Collins '97, Elaine Heal '96, and Heather Back '96 were sailing in an intersectional regatta. The event spanned two days and was highlighted by an outstanding performance by Ames, who rocked the laser division with seven firsts in 12 races.

Finally, the varsity team, consisting of DeCouto, Jonas Klein '97, Nestor, and VanEman, battled to a fourth in a tough fleet of 15. This performance qualified the Beavers for the Schell trophy (Oct. 30-31) in which the 12 best teams in New England will duke it out. The event will be hosted at the MIT sailing pavilion, giving the student body a great chance to come support the upstart Tech sailors in their drive for glory. MIT will also be represented at the Dixie Cup at University of New Hampshire on Saturday.

Gordon Outplays Men's Soccer Team, Wins 2-0

By Dan Wang
STAFF REPORTER

Gordon College handed the men's soccer team a 2-0 defeat, Monday at Steinbrenner Stadium. The Engineers lost their second game in a row, dropping to 6-6 for the season.

The Engineers performed disappointingly in sunny, but windy conditions. Throughout the game, Gordon dominated the offense, having many more chances to score than MIT. The first goal of the game came with 40 minutes, 23 seconds left in the first half, when a Gordon player made a free kick that caught the defense, and goalie Raja Jindal '95, off guard.

In the second half, the ball went back and forth, but Gordon spent slightly more time on the attack. Through the early part of the half, both teams had trouble keeping the ball within the boundaries of the field, causing many throw-ins and

turnovers to be made.

MIT had some chances to score, but much like the previous half, could not put the ball in the opponent's goal. Part of the reason was the Gordon defense, which never allowed any MIT player to take an open shot on goal.

On the other hand, Gordon came very close to scoring on numerous occasions, in the second half. With about 30 minutes left to play, the Gordon offense had three corner kicks, which could have easily been converted to goals.

Minutes later, Gordon scored its second goal, at 18:17. On that play, an MIT defender tried to clear the ball out of his team's own half of the field, but mistimed it. As a result, a Gordon player took the ball and placed in the corner of the goal, away from Jindal. After the goal was scored, the Engineers tried making some last-minute attempts

to score, but were unsuccessful.

Gordon proved to be stronger on offense, taking more shots than the MIT squad. The strength on offense allowed the goalie to make only three saves, while Jindal was forced to make seven. Play was stopped many times for fouls — the two teams combined for 29 fouls, with MIT committing one more than Gordon. The Engineers were especially hurt by fouls, as turnovers broke up numerous potential scoring opportunities.

"They were simply outplayed," commented MIT coach Walter Alessi. "They did not run and pass the ball well enough, and the other team took control," he also said.

The team hopes to rebound from its setback, and finish with a winning record, as it faces the United States Coast Guard Academy tomorrow, 2:30 p.m., at home, for its final game of the season.

Cross Country Teams Finish 1st, 2nd in Championships

By Roger Crosley
SPORTS INFORMATION DIRECTOR

The cross country teams had great success over the weekend as the men's team won the Constitution Athletic Conference championship and the women's squad placed second in the New England Women's 8 championship.

MIT runners placed first in each event as Marjorie Delo '95 took the NEW8 individual championship and the title of NEW8 Runner of the Year, and Jesse Darley '95 was the

CAC top finisher. Delo is the first MIT runner to win the NEW8 individual title.

Darley led teammates Jerry Pratt '94, fourth place, Arnold Seto '95, fifth, Rajesh Suryadevara '94, seventh, and David Moyle '94, eighth, in being named to the CAC all-conference squad.

For an unprecedented fourth time in six weeks, football running back Jose DeLeon '97 has been named the Eastern College Athletic

Conference New England Division III Rookie of the Week. DeLeon rushed for 211 yards on 21 carries in Saturday's 43-7 romp over Nichols College. DeLeon scored on touchdown runs of two, four, and 86 yards and caught a touchdown pass of 28 yards. His 86 yard run was an Institute record.

Teammate Calvin Newman '96 was the Eastern Collegiate Football Conference Defensive Player of the Week. Newman spent the day covering the ECFC's leading receiver

and did not allow him to catch a pass. Newman had five pass break-ups, made six unassisted tackles, and returned a blocked punt 13 yards for a touchdown.

Danielle Ames '96 won the A Division of the women's three division intersectional regatta held last weekend. In the 12 races which comprise the competition, Ames tallied seven firsts, two seconds, two thirds and a sixth place finish in the Olympic single-handed regatta.

Field hockey player Mary Beth

Richards '94 scored a rare hat trick in the Engineers' 3-0 victory over UMass-Dartmouth.

Director of Crew Stu Schmill proved he still knows how to cox a boat in last weekend's Head of the Charles Regatta. Schmill, competing with the Rochester Boat Club placed first in the masters' four plus coxswain division. Schmill's boat rowed the course in 17 minutes, 47 seconds, outdistancing the second place boat in the division by about 20 seconds.

Football Romp Sets Up Superbowl Showdown with Bentley

By Mike Duffy
and Andrew Heitner
SPORTS COLUMNISTS

A hearty kudos to the football team for its thorough spanking of the Nichols Bison last Saturday in their first ever homecoming game. The raucous capacity crowd at Steinbrenner Stadium came to see blood, and the Beavers did not disappoint, lighting up the scoreboard for 40 first half points en route to a 43-7 victory. This sets up a "Superbowl" showdown versus Bentley for the ECFC championship on Nov. 6. Rumors that ABC has requested that kickoff be moved up from 1 p.m. to noon in order to nationally televise it can neither be confirmed nor denied at this time.

We hope that all you fans who could not attend the drubbing tuned into WMBR to catch our broadcast of the game. We'd like to send out our thanks to the following people who helped put the show together: Ted "Only the good die" Young, radio engineer; Roger "Dodger" Crosley, sports information director; Bill Stockton G, WMBR program director; and all the MIT athletes who appeared live in the booth (you know who you are).

According to our man at *The Boston Globe*, Jack Craig, the broadcast drew a 5.2 and a 40 share on the Arbitron overnight radio ratings. Sources close to *The Tech* have confirmed that tapes of the

game have been sent to the Armed Forces Radio Network for possible worldwide rebroadcast.

What right does Jim Everett have to complain about being yanked in favor of T.J. Rubley in the second quarter of the Rams-Lions thriller last Sunday? The Rams are coming off a pitiful 5-11 record last season and a 2-4 start this season with Everett at the helm. Going into the game, the man whom teammates call "Chris" was second from the bottom in NFL quarterback ratings. Everett can't blame the other parts of the team for the Rams' poor showing. He started off the game 2 for 9 for 12 yards with an interception, while running back Jerome Bettis had amassed 85 yards on 16 carries by halftime. The Rams defense was ranked eighth in the conference entering the game, and had held the Lions to only six points by half. Coach Chuck Knox told Everett that he was being benched to get the crowd fired up and to spark the team. Though it is nearly impossible to get the yogurt slurping orange peel eaters in LALA land fired up about anything except a sale at the health food store, Hooker did throw two touchdown passes, ended with 151 yards, and almost brought the Lambs back to victory. Regardless of who is quarterback, the Rams will continue their slide, as they travel to San Francisco to get spanked by the Niners.

Your humble scribes once again spent some time hobnobbing with the rich and the famous. World famous professor, educator, and industry consultant, Genichi Taguchi, known for his work in reducing manufacturing variation through designed experiments, was in town last week, and he sought us out to shoot the breeze and get old copies of *Let's Argue* to bring back with him to Japan. Mr. T claimed to be a big fan of the Yumari Swallows, especially when Warren Cromartie played there, and said, "Your article is very robust. By the way, I always go with The Picks."

Things must be more slow in Mississippi than usual. Following Mississippi State's loss to Auburn on Oct. 9, coach Jackie Sherrill asked the Southeastern Conference to confiscate the game balls and check them for tampering. Sherrill believed that the Tigers had put helium in the footballs, accounting for punter Terry Daniel's 56.5 yard average during the game. The referees at the game originally thought to punch a hole in one of the balls, suck in, and see if their voices changed, but instead opted to send the balls to a lab in Birmingham to test the contents of the balls. It is believed to be the first time in history that a gas chromatograph had an impact on the outcome of a football game. This is not the first time, however, that balls have made Sherrill look foolish. He drew the wrath of animal lovers last season when he had a veterinarian castrate a bull in front of the team to get the Bulldogs fired up to play against the University of Texas Longhorns.

Lastly, before heading to the conclusion of our baseball post season awards, the NCAA once again demonstrated that it can be bought for the right price. The men's basketball season traditionally opens (on some campuses) with Midnight Madness. The team players and

coaches assemble at 12:01 a.m. on the day practice can officially start, Nov. 1, and go through a series of drills (mostly highlight material such as dunking and three point fests) to delight the fans in attendance. ESPN sends cameras and crews out to selected campuses to cover all the action. Because Nov. 1 falls on a Monday this year, students were less likely to be drunk and crazy at a Sunday Madness, thereby hurting ESPN's ratings. The NCAA, not about to lose a few bucks with the Christmas season fast approaching, agreed to allow schools to host Madness tonight, provided that it is for pure enjoyment reasons. Don't all of you readers be rushing over to Rockwell Cage, however, as MIT Cable and the athletic department were unable to swing a deal, thereby, once again, shutting the MIT community out from Midnight Madness.

Cisco Baseball Awards

AL Cy Young

1. "Black" Jack McDowell, Chi
2. Jimmy "Skeleton" Key, NY
3. Kevin "I'll take" Appier, KC

AL Rookie

1. Tim "Sockeye" Salmon, Cal
2. Jason "Razz" Bere, Chi
3. Aaron Sele "Posturepedic," Red Sox

NL MVP

1. Barry "U.S." Bonds, SF
2. Lenny "Bull" Dykstra, Phi
3. Fred "Crime Dog" McGriff, SD-Atl

NL Cy Young

1. Greg "Appa" Maddox, Atl
2. Billy Swift "Kick," SF
3. Tom "Chief" Glavine, Atl

NL Rookie

1. Mike "Pepperoni" Piazza, LA
2. Rene "Kill" Arocha, St. Louis

3. Who cares?

You Heard it Here First

Jack Loeffler, Ford Recruiter, told us on Tuesday that the "Cleveland Indians will be in the World Series in two years. You heard it from me first." With the high quality of their farm system and the excitement generated by their new stadium, the Indians will bring the title back to Cleveland, 51 years after Herb Score and company did it.

Race For Futility

Temple — 356 points (50.9 ppg)
Maryland — 319 points (45.6 ppg)

The Owls are at the Orange Bowl this weekend. The game figures to be such a mismatch that Vegas is not offering the betting public a line, although Vix lists the Hurricanes as a 58 point favorite. Meanwhile, the Terps travel to Death Valley, where they will get crushed by Clemson.

Menudo's Top 5

1. Florida State
2. Notre Dame
3. Ohio State
4. Miami

File this one under the Lou Holtz is a Class Guy category. In last Saturday's romp over USC, the Irish ran a fake punt, despite being up 31-13 with only two and a half minutes remaining in the game. One of the Irish said it was run to keep the Seminoles off balance in their preparations for "The Game" on Nov. 13. Yea, whatever. The fact is that Holtz is a jerk and we can't wait for the Irish to get pummeled in two weeks. Meanwhile, in tomorrow's match ups, the Seminoles host Wake Forest, the Irish are at Navy, the Bucks host Penn State, and Miami entertains Temple.

UPCOMING HOME EVENTS

Friday, October 29

Men's Cross Country: New England Intercollegiate Amateur Athletic Assoc. Championships, TBA

Women's Cross Country: All New England at Franklin Park, TBA

Saturday, October 30

Varsity Sailing: Schell Trophy, 9:30 a.m.

Men's Varsity Soccer vs. U.S. Coast Guard Academy, 2 p.m.