

## Many HASS-Ds Oversubscribed

By Matt Nelmark

Between 10 and 15 of the 49 Humanities, Arts, and Social Science Distribution (HASS-D) classes offered this term were oversubscribed, and one was cancelled, according to Bette K. Davis, HASS Coordinator.

Several non-distribution HASS classes were also cancelled, Davis said.

Literature classes were extremely popular this year and had more oversubscribed HASS-D's than any other HASS section, according to Philip S. Khoury, dean of the School of Humanities and Social Sciences. In Shakespeare (21.009), for example, 24 students were forced to find other classes. As in most oversubscribed HASS classes, the students chosen to stay were selected through a lottery.

Khoury attributed the lack of

space in literature classes to the section's failure to prepare for the large number of students. He suggested that this problem could be solved by fortifying the faculty in the literature department or reducing the number of literature HASS-D's offered, which would encourage students to take distribution courses in other departments.

HASS administrators acknowledged that there are faults in the HASS-D system but argued that as a whole, it works very well. Associate Dean Harriet N. Ritvo said, "There are problems. They're not major problems, but they attack individual students."

Khoury said it is important to limit HASS-D sections to 25 students, even if it means that some students will not get their first choice HASS-D. "We will not sacrifice anything for quality. The students themselves have demanded it," he said.

Khoury said the HASS-D system has been improving ever since its introduction five years ago. Advisors warn students that they may be forced out of a class by a lottery and encourage them to have a second choice class in mind when they register, he said.

To save time, Khoury suggested a system where students find out if they are in the HASS-D of their choice when they receive their schedule. "The student [could] learn right away that he or she is not in the class and could immediately proceed to choose another HASS-D," he said.

### Some HASS classes cancelled

Forms of Western Narrative (21.012), the only HASS-D cancelled, was eliminated because only seven students enrolled.

Several HASS classes were also cancelled, but not all the cancellations were due to under-enrollment, Davis said. Magic, Witchcraft, and the Spirit World (21.511) was cancelled because the professor had to teach Introduction to Anthropology (21.50). The switch became necessary when the professor scheduled for that class took a medical leave of absence. Surveillance and Society (11.009J) was cancelled because the professor who was supposed to teach it took an unexpected sabbatical.

Students who have been lotteried out of HASS-D classes are immediately put on a list and given priority in the lottery the next time they attempt to take the class.

### Seniors lose priority

For the first time this year, seniors do not have priority in HASS-D lotteries. The reason for this, according to HASS administrators, is that seniors have had the opportunity to take the class for at least three years.

Though freshmen are currently not given preference in lotteries, many administrators think they should be. Proponents give several reasons for the change, including freshmen's unfamiliarity with the registration process and their greater

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## IFC Processes Rush Violations

By Jason Wertheim

The InterFraternity Council recorded more rush violations this year than last year, according to Karl L. Yen '93, IFC Rush Chair. Sigma Alpha Epsilon was already convicted during Rush of extending an early bid, he added.

The IFC Judicial Committee will officially notify the fraternities that have been charged with violating rush regulations next week, said Eric A. Ask '93, IFC Judicial Committee Chair.

Last week was the deadline for both the IFC JudComm and the fraternities to press charges against other fraternities. If an accused fraternity pleads innocent to a charge, the case will be tried by JudComm within the next few weeks.

"We were more vigilant this year and followed up on things during rush," Yen said. "Some houses tried to duck around the rules last year," Yen said. "[Ask and I] felt that if the rules existed, we must enforce them."

"Most trials this year will be

JudComm pressing charges against a house," Yen continued.

During rush, 11 student IFC investigators visited fraternities to make sure the rules are being followed. Each investigator was assigned to three or four houses to see if they had any problems with other houses, Yen explained.

The investigators held nightly meetings to discuss the day's possible violations. Typically, Ask or Yen would contact a fraternity suspected of a rush violation and try to solve the situation temporarily. However, JudComm usually waited until after rush to impose a penalty, Yen said.

### SAE, ATO face charges

"We imposed a few sanctions on houses during rush," Yen said. The IFC JudComm found SAE guilty of extending an early bid. As a result, the fraternity was not allowed to give out any additional bids until 10 A.M. Sunday, two hours after fraternities were officially allowed to give out bids, Yen said.

Brooks C. Mendell '93, SAE president, said the verdict was "not true." He said, "A guy in our house was talking to a pledge and the phone lines were crossed and one person drew inferences."

Yen said that there "had been allegations" that Alpha Tau Omega hid freshmen during rush. Yen added that JudComm was still in the process of compiling charges against fraternities, but that the ATO incident "certainly hasn't been dropped."

When asked about hiding freshmen, ATO President Karl A. Koschnitzke IV '93 said, "We run a clean rush at ATO. We don't run a dirty rush."

Edward M. Wylonis III, Delta Tau Delta's rush chair, said his house was not charged with any rush violations, nor did they press charges. He also said that DTD's investigator was "less strict" than last year.

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## 15 Students Enter New Teacher Certification Program

By Brian Rosenberg

EDITOR IN CHIEF

Fifteen students entered MIT's new Teacher Certification Program by enrolling in Issues in Teaching and Learning (11.124), the beginning of the program's six-class required series.

The program's goal is to teach MIT students "to learn to appreciate the kinds of conceptual intuitions that young people bring to their studies, and ... [to] monitor their conceptual progress," said Professor of Music and Theater Arts Jeanne M. Bamberger. Bamberger and Professor of Brain and Cognitive Sciences Susan Carey are teaching this semester's class.

The State Bureau of Teacher Certification is expected to register the program sometime this academic year. Currently, the program trains only math and science teachers, but Bamberger said "we hope to extend the fields of specialization to include humanities, arts, and social studies as well." If the program is accepted, MIT students who finish six classes will be certified to teach students in grades six through

twelve.

One unique feature of the certification program is the presence of six Boston-area teachers, who are also spending the academic year at MIT as part of another new program, the MIT Teacher Fellows Program. Bamberger said the fellows program is designed to help teachers "develop innovative approaches to math and science teaching ... so they can become effective agents of change in the schools to which they will return."

The fellows will help Bamberger and Carey teach 11.124, and each will serve as a mentor for one or more students in the certification program. In addition, each fellow will be given an MIT faculty mentor in his or her field. Fellows and mentors will

identify areas of mutual research interest and develop new teaching techniques.

"It seems like the teachers will be very beneficial — they've been in the classroom and they know what's going on," said Jake M. Yara '93, a student in 11.124.

The certification program is jointly sponsored by the Office of the Dean for Student Affairs and the Department of Urban Studies and Planning. "The program is in urban studies because we want to focus on urban education. We are particularly concerned that our teachers be prepared to meet the challenges of working in inner-city settings," Bamberger said.

A large part of the funding for the fellows program comes from the 40th anniversary gift of the Class of 1952. "The gift was earmarked for

something to do with MIT's primary education program. It pays half of the teachers' salaries, and also supports the certification program in a significant way," Bamberger said.

### History of programs

Both the certification and the fellows programs were proposed two years ago by the MIT Council on Primary and Secondary Education. "The committee outlined five areas they wanted to take action on. One was bringing teachers to MIT for a year, and another was some kind of teacher development program. Last year, working groups were formed to combine the two ideas, and we had a design by the spring," Bamberger said.

Upcoming changes in state teacher certification requirements gave the program a final push into reality, Bamberger said.

According to the new requirements, which go into effect in October 1994, prospective teachers must have a degree in the specific area they intend to teach. New certification programs will also be responsible for demonstrating that

students have developed "competencies" in a number of areas related to teaching and learning.

Bamberger said the program will borrow ideas from a UROP she has sponsored. "We set up something called the Lab for Making Things [in a Cambridge elementary school] where UROP students worked with children and tried to understand the way they thought about things," Bamberger said.

Last fall, the UROP grew into an undergraduate seminar, Teaching Children Engineering Design, which Bamberger taught. Some of the students now in 11.124 participated in the seminar, she added.

"I'm glad that MIT finally put a program like this together," Reninger said. "I know people who've graduated who wanted to go into teaching, but didn't want to go elsewhere and thought it would have been too difficult to get certified, so they didn't bother," she added.

In previous years, MIT students interested in teaching had to complete their certification through the Wellesley Education Department.

## INSIDE

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- Newly released *Director's Cut* improves already stunning *Blade Runner*. Page 7



MIT COMMUNICATIONS OFFICE

Susan Carey

# WORLD & NATION

## Veto-Proof House Majority Approves Cable Rate Bill

LOS ANGELES TIMES

WASHINGTON

The House approved a bill Thursday to control the rates charged to 55 million households with cable television, opening the way for the first price controls on basic cable service in eight years.

The vote was 280-128, a sufficient margin to override a certain veto by President Bush. The bill goes to the Senate floor for action next week, where the industry is hoping it can muster the 34 votes needed (if all senators vote) to sustain a veto and kill the measure.

The bill would allow the Federal Communications Commission to determine a "reasonable" charge for basic cable service the programs carried on local outlets of ABC, CBS, NBC, and the Fox network, local government and educational channels, and public TV stations.

While there would be no formal rate regulation of other services, such as the plethora of second tier channels carrying news, sports, music videos, religious and children's programming the FCC could intervene if customers filed complaints about excessive price increases.

The proposed legislation would leave unregulated the rates charged for the premium channels such as HBO, the Disney Channel and Showtime. It also does not deal with special programs available on a pay-per-view basis, including rock concerts, and boxing and wrestling matches.

## Two Koreas Sign Pacts, But Can't Agree on Nuclear Inspections

LOS ANGELES TIMES

SEOUL, KOREA

North and South Korea signed three accords Thursday that could lead to broad cooperation in political, military and economic spheres, but a continued deadlock over nuclear inspections threatened to keep them from taking effect.

The two prime ministers, meeting in the North Korean capital of Pyongyang, signed detailed pacts to start the process of implementing December's landmark agreement that would begin to reconcile the country, divided since World War II. If implemented, the accords would at last defuse the peninsula's potential military time bomb and open the border for unprecedented exchanges of people, goods and information.

There headway over the emotional matter of family exchanges, however. Although the two sides had earlier agreed to allow the reunion of a selected number of families, the program was abruptly dropped after Pyongyang demanded that Seoul repatriate Lee In Mo, a North Korean war correspondent arrested on charges of guerrilla activity more than 40 years ago.

## Serb Artillery Fire Continues

THE WASHINGTON POST

SARAJEVO, BOSNIA-HERZEGOVINA

U.N. efforts to bring all heavy weapons around this besieged city under international surveillance seemed close to collapse Thursday as Serb nationalist forces battered it again with near-continuous tank and artillery fire.

One 100mm tank shell in particular highlighted the vulnerability of the U.N. peace mission here and its apparent helplessness to abate the slaughter, scoring a direct hit on the fourth floor of U.N. headquarters. Luckily, it was a dud. The projectile broke some glass and clunked down the steel stairs of a fire escape, coming to rest in a parking lot. French demolition experts hauled it away for destruction.

"This is not the atmosphere, this is not a good ground to implement the U.N. mandate," Egyptian Brig. Gen. Hussein Abdel Razek, military commander of the 1,500-member U.N. relief force here told reporters. "I shall express my concern to both sides," he said as scores of howitzer and mortar shells whistled and boomed in the near distance.

## WEATHER

### A Tale of Two Seasons

By Marek Zebrowski

STAFF METEOROLOGIST

Vigorous cold front attached to a potent low pressure system in Southern Canada will bring our late summer weather spell to an end on Saturday. The coldest air of the season that might cause some scattered snow showers (!) in the northern Great Lakes will be modified by the time it reaches New England, yet, the unmistakable fall chill will be well in evidence on Sunday with a slight warmup to follow under fair skies for early next week.

**Friday Afternoon:** Hazy, warm and humid with a high of 84F (29C) with a fresh southwesterly breeze at 10-15 mph (16-24 kmh)

**Friday night:** Continued hazy with cloudiness arriving towards dawn. Fog may form especially in the south coastal areas. Low around 69F (21C), southwesterly winds continuing

**Saturday:** Mostly cloudy with scattered light rain possible, then a chance of locally heavy thunderstorms during the late afternoon and evening hours. High of 79F (26C). Strong SW winds will shift to NW late in the day

**Saturday night:** Clearing and cooler with the temperatures falling to the upper 50s (13-15C) by dawn.

**Sunday outlook:** Fair and cool with highs in mid to upper 60s (17-21C)

# Bush Campaign Gambits Fail

By Karen Hosler

THE BALTIMORE SUN

President Bush's comeback campaign is advancing at a crawl as its various political themes and gambits fail to register with most voters.

Following a week in which Bush offered a major repackaging of his economic proposals and Democrat Bill Clinton took a new round of pounding on his military draft record, there has been little measurable impact among the electorate, new public opinion surveys show.

Highly publicized government giveaways to key voter groups foreign arms sales for defense plants, subsidies for farmers, accelerated logging schedules for timber-cutters, massive aid for hurricane-stricken South Florida also has done little or nothing to help the president close the gap with his challenger.

"The Bush campaign just isn't getting anywhere on the two major things it has to accomplish: to raise doubts about Clinton and convince Americans there is at least some chance that a second Bush administration will be better than the first," said Andrew Kohut, pollster for the Times-Mirror Center for The People and the Press.

Voter surveys released this week show the challenger's lead ranging from 9 percent, in a CNN-Gallup poll Thursday, to 15 percent in a Times-Mirror poll taken last weekend. Although that range represents a substantial improvement from Clinton's 2-1 lead following his nomination in July, it hasn't changed much for several weeks.

With the time for overcoming Clinton's lead shrinking, Bush aides

say that they are putting their hopes on paid advertising, the wildcard that might be introduced by erstwhile independent candidate Ross Perot's return to the fray and continuing voter uneasiness with Clinton that may not harden into opposition until the final days of the race.

Although the president's standing in the polls has not changed much since mid-summer, the race has tightened because Clinton's huge mid-summer lead has shrunk a bit among some voters, including those Kohut calls the "pocketbook" Democrats, who say that they don't have enough money to make ends meet. That might mean Bush's attempt to label Clinton as a "tax-and-spend" Democrat has penetrated a little.

But these are virtually all must-win states for the president, and the fact that Bush has not safely locked them away at this point underscores his continuing political weakness.

A poll conducted early this week for the Wall Street Journal did show that the president's job approval rising for the first time since January a key indicator in an election that almost inevitably will be a referendum on the incumbent's performance. The bad news for Bush is that those who think he has performed poorly still outnumber his admirers by a margin of 53 percent to 40 percent.

Bush's campaign stops Thursday in Oklahoma and Georgia pointed out another facet of his dilemma: the base of support that elected him in 1988 is still very soft. If he has to fight this hard for the South, the equally crucial Midwest and

Northeast may prove out of reach.

The Bush campaign began airing this week a \$2.5 million series of ads that are intended to generate more positive feelings about the president as a leader on the economy by highlighting his approach of opening trade and encouraging private business ventures. Surveys show that most people don't even realize Bush has any plan for dealing with the economy, an obstacle the campaign must surmount before it can get voters to choose the president's plan over Clinton's.

But "trust" is really what the Bush campaign hopes the presidential election will be about because surveys show that Clinton is still vulnerable there. In the most recent Times-Mirror survey, the president was selected by a margin of 53 percent to 28 percent as the candidate who would use good judgment in a crisis.

The draft issue, particularly the inconsistencies in Clinton's account of how he escaped being drafted into the Vietnam War, seemed to have the potential to feed doubts about the Democrat's character and judgment.

Sixty percent of those surveyed in CNN-Gallup poll this week said that they are satisfied with Clinton's explanations, compared to 30 percent who said that they were not. In contrast, 55 percent of those same poll respondents said that they weren't satisfied with Bush's explanation that he was "out of the loop" on the Iran-Contra scandal a controversy that has never seemed to hurt him.

# Europe's Money Crisis Deepens

By Joel Havemann

LOS ANGELES TIMES

BRUSSELS, BELGIUM

Europe's currency crisis deepened Thursday as the Italian lira plummeted in value and the Irish pound, the Danish krona and even the powerful French franc came under intense selling pressure. But Germany refused to cut the high interest rates that most other European nations blame for the tumult.

One bright spot was the British pound, which grew stronger even though the British government reduced interest rates one day after abandoning its ultimately futile effort to prop up the currency's value. And the Italian government, moving to shore up its beleaguered economy, announced a massive austerity plan geared to slash its budget deficit by a whopping \$75 billion.

Prices fluctuated on some stock markets as traders seemed unsure what to make of the crisis. On the London Stock Exchange, the broad-based Financial Times-Stock Exchange Index shot up about 100 points, then shed about 70 points before rising again to close up 105.6. Activity was calmer on Wall Street, where the Dow Jones industrial average closed down 3.51 points.

The German firmness on interest rates helped weaken the dollar, although the U.S. currency also lost some of the gains it had picked up Wednesday while serving as shelter from Europe's storms. The mark continued to attract new investment; a dollar bought 1.485 marks in New York late Thursday, down from 1.514 Wednesday.

The pound was quoted at \$1.78 in London late Thursday, and closed at nearly that value in New York. But in a sign of continuing volatility, it fell as low as \$1.72 in London during early trading.

Thursday's daylight hours seemed tame compared to the 12 hours ending at 6 a.m. in Europe.

During that period, which culminated in an extraordinary six-hour meeting of European Community finance officials in Brussels that began shortly before midnight Wednesday, Spain devalued the peseta by 5 percent and Britain and Italy temporarily withdrew from the system that had linked the values of 11 EC currencies.

The day's most significant development may have been what did not happen: The governing council of the Bundesbank, Germany's central bank, met in Frankfurt but resisted the Continent-wide pressure, especially from Britain, to lower its interest rates.

David Roche, an economist with Morgan Stanley International in London, decried a "total failure" of EC nations to work together toward common economic goals.

"Blame in Europe is like custard: You can spread it all around," he said.

Analysts predicted a new outbreak of chaos next week if French voters Sunday withhold their approval of the so-called Maastricht Treaty on European union, which would establish a single EC currency in 1999. The death of the Maastricht Treaty could signal that Europe is not yet ready to live under a single economic roof.

Even a "yes" vote in France will not relieve all the pressure, said George Magnus of the London investment house S.G. Warburg. By the end of the year, he predicted, Germany will bring key rates down by about 1 percentage point from the current range of 8.25 percent to 9.25 percent and more EC currencies will be devalued.

In France, the European monetary tumult dominated the final days of debate leading up to Sunday's crucial referendum, adding even more uncertainty in an already confused campaign. Both defenders and opponents of the treaty used the monetary crisis to support their cause.

Former President Valery Giscard d'Estaing, a leading treaty advocate, contended that Europe should "accelerate the march to a European money" so that such crises could not happen again.

Philippe Seguin, the treaty's leading mainstream opponent, countered: "Everything that is happening demonstrates the stupidity of a single currency."

In Germany, the Bundesbank's governing council met in its regular bi-weekly session and decided not to tamper with interest rates. The Bundesbank trimmed rates Monday for the first time in five years in return for Italy's decision to devalue the lira by 7 percent.

The bank is holding rates high about 6 percentage points higher than in the United States to prevent the costly reunification with the former East Germany from producing economic overheating and an outbreak of inflation. The high rates have also attracted huge amounts of investment capital to Germany, boosting the German mark's value against other European currencies.

In reducing rates Monday, the Bundesbank was widely criticized inside Germany for yielding to foreign pressure, and it was not about to let that happen twice in the same week.

German Finance Minister Theo Waigel, coming to the Bundesbank's defense, challenged the common view that high rates were the cause of Europe's monetary tumult.

"I think everyone should consider what the cause is in their own area of responsibility," he said.

British officials in particular charged Bundesbank President Helmut Schlesinger with encouraging investors to sell British pounds in a newspaper interview later disavowed by the Bundesbank in which he predicted a wholesale realignment of European currency values.

# Germany to Repatriate Thousands From Romania

By Tamara Jones  
LOS ANGELES TIMES

BERLIN

Germany announced plans Thursday to repatriate thousands of illegal aliens from Romania in the first major step toward controlling a flood of asylum-seekers.

A statement released by the Interior Ministry in Bonn said that the Romanian government had agreed "after months of negotiations" to begin taking back Gypsies and Romanians who do not qualify for asylum under German law.

The influx of foreigners seeking a better life in relatively prosperous Germany but a Germany nonetheless burdened with the high cost of trying to pull its eastern half up to western levels has fired deep resentment among many Germans. Many of those seeking asylum have become the target of almost nightly fire-bombings by jeering right-wing extremists.

The ministry statement noted that about 43,000 Romanians, about 60 percent of them Gypsies, had entered Germany as of Aug. 31. The statement referred to the "flagrant abuse of asylum by the Romanians," and added that only 0.2 percent of them had the right to asylum here.

Only applicants who can prove they suffer political persecution at home qualify for asylum in Germany, but the processing of such claims often takes years (the backlog is currently around 300,000 cases) and all applicants collect welfare benefits while waiting.

Germany's main political parties are currently squabbling over various proposals to tighten the country's liberal asylum law. That would require changing the constitution.

The Bundestag, or lower house of Parliament, is expected to debate asylum this year. The issue is at the forefront of public concern, especially in the eastern states, where unemployment is high and decent

housing is scarce, both factors feeding resentment of the foreigners.

Everyone claiming asylum is guaranteed food and shelter under German law, and some cities hand out pocket money or living stipends as well. At times, this has caused caravans of Gypsies to mass in a single community.

Gypsies have been the principal target of the neo-Nazis, skinheads and other right-wing extremists who have been storming refugee shelters on a regular basis for the past month. The latest spate of violence began three weeks ago in the Baltic seaport of Rostock, where hundreds of Gypsies had been camped out all summer in front of an overcrowded refugee processing center.

The center was located in a complex of Communist-era high-rises where about 20,000 eastern Germans live. After local authorities failed to respond to neighbors' complaints of unsanitary conditions, theft and rowdiness among the

Gypsies, right-wing radicals stormed the grounds and drove the unwelcome foreigners out as local residents cheered from their balconies.

Officials estimate that only 5 percent of the 500,000 asylum-seekers expected to pour across Germany's borders this year will eventually be granted asylum. Romanians are outnumbered only by applicants from what used to be Yugoslavia among asylum-seekers, according to the Interior Ministry.

The number of economic refugees from the Third World and eastern Europe has grown dramatically since the Berlin Wall fell nearly three years ago, and the figure could reach 1 million by the end of 1993.

Interior Minister Rudolf Seiters said that he expected that a treaty to be signed next week in Bucharest "will deter people smugglers and those they smuggle," the statement said.

Ministry spokesman Karl-Heinz Schneider told The Los Angeles Times in a telephone interview that the deportees would be sent home "by all means of affordable transportation."

Asylum-seekers currently are free to come and go from the hostels, barracks and even boats where they are housed; the statement did not indicate whether this policy might change to simplify deportation.

Seiters is also negotiating with other countries to take back their citizens who fail to qualify for German asylum, according to the ministry statement, which did not specify which nations are involved.

There was no mention of additional financial credits or other aid being offered to these countries in exchange for signing such agreements, which the ministry said are necessary in order to turn away fraudulent asylum-seekers.

# U.S. Trade Gap Surges to 20-Month Record in July

By Stuart Auerbach  
THE WASHINGTON POST

The United States merchandise trade deficit surged to its highest level in 20 months in July, largely due to a decline in sales by U.S. companies in key Western European markets that are suffering from slow economic growth, the government said Thursday.

The 16.2 percent increase in the trade deficit, to \$7.8 billion, was bad news for the Bush administration, which had been counting on continued export growth to help buoy the U.S. economy. Exports fell 2 percent, to \$37.3 billion, from their record heights in June, while imports set a new record of \$45.2 billion in July.

Based on figures from the first seven months of the year, the trade deficit is running at an annual rate of \$74.5 billion, higher than last year's deficit of \$65.5 billion.

"The U.S. economy has lost momentum in ... reducing its trade deficit," said Stephen Cooney, director of international investment at the National Association of Manufacturers (NAM).

President Bush has been pushing export growth as a campaign theme, calling the United States an export superpower and citing the job-creating power of overseas sales.

Commerce Secretary Barbara Hackman Franklin called the economic slowdown overseas and the relative strength of the U.S. economy "contributing factors in increasing U.S. imports and reducing the demand for American exports."

Nonetheless, in this presidential election year, the poor trade performance in July drew sharp Democratic rejoinders.

"The Bush record on international economic policy is no more impressive than his record on the

domestic front," said Sen. Paul S. Sarbanes, D-Md., chairman of Congress's Joint Economic Committee.

"George Bush's export engine is coming to a halt," said House Majority Leader Richard A. Gephardt, D-Mo. "The real growth rate in exports has been declining since he became president."

Exports have been the one shining light in the U.S. economy over the past three years, responsible for 70 percent of the nation's slow growth during that period and moderating the depth of the recession. One economist said that life jacket now is threatened by slow growth in Japan and Western Europe, which have reduced their purchases of U.S. products.

"On the export side, the figures reflect the economic difficulties faced by our trading partners, especially in Europe," said Willard A.

Workman, international vice president of the U.S. Chamber of Commerce.

Imports edged up by \$300 million as U.S. companies bought more diamonds, stereo equipment and clothing from overseas suppliers an expected seasonal increase in purchases of consumer products in advance of the Christmas buying season. But Workman noted that much of the increase in imports was due to currency fluctuations as the dollar increased in value, thus making foreign purchases cost more in U.S. dollars.

Most of the decline in exports was due to a fall in sales of commercial aircraft, the second consecutive month that aircraft sales were off.

"Aircraft sales are particularly volatile from month to month," said the NAM's Cooney. "But the really bad news," he said, is that exports

of no other products are expanding "strongly enough to pick up the slack."

For example, while exports of semiconductors rose by \$100 million, overseas sales of computers and computer accessories fell, as did exports of oil field and oil field drilling equipment.

With a stagnant economy holding down Japan's purchases of U.S. products and with Japan shipping more goods to the United States, the trade deficit with that nation rose 16.2 percent in July to \$3.9 billion, the largest with any country. The nation's second-highest trade deficit, \$2.1 billion, was with China. Showing how the economic slowdown in Western Europe is affecting the trade numbers, the United States suffered its worst trade performance in two years with that region, a \$1.1 billion deficit.

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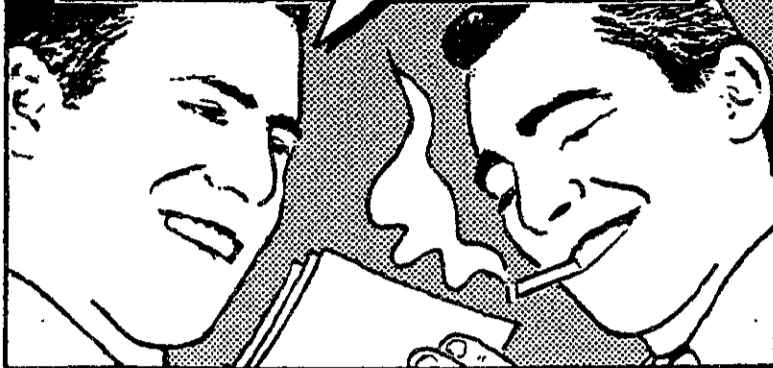
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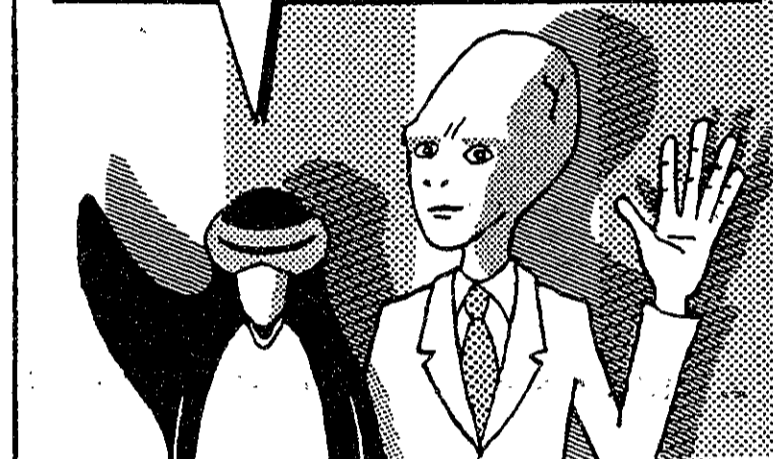
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## LETTERS TO THE EDITOR

### Citizens Have Duty To Recycle

I feel that I must respond to Matthew H. Hersch's article in Friday's *Tech* ["Environmental Technology is Still a Little Green," Sept. 11]. In it Hersch states that it is "ludicrous" for cities to require their residents to sort their trash for recycling, and that people should not have to spend more time on their trash than they do now.

He goes on to say, "Clearly, the technology exists to separate trash chemically. It is the job of science to discover a way to do it." This implies that curbside recycling should be stopped, and recycling should only continue when we are able to separate trash at some garbage facility.

As a chemist, I can guarantee you that chemical separation of post-consumer trash will never become a reality. We don't even presently have the ability to separate three kinds of plastic on a large scale, much less those mixed in with metals, glass, diapers, and potato salad.

Secondly, anyone who feels they can't take 90 seconds out of each day to separate their trash has an over-inflated sense of self-worth. Sure, it takes longer to sort trash for recycling, but as members of the human race, we all have an obligation to minimize our negative impact on the environment. If that means taking nine hours each year to redirect material from the landfill to new products, then so be it.

Kenneth D. Zemach G

### Letter Misconstrued

I was glad to see my letter printed in *The Tech* last Friday ["Party Poster Obscene," Sept 11]; however, there was one instance where I think your editing may have changed my intended meaning. At the end of the fourth paragraph, two sentences from my original letter were condensed to "I have removed [the party poster in question]." This sentence was more succinct than my original phrasing, but it may have led people to believe that I

removed the poster out of righteous indignation. I removed a single copy of the poster for examination by the Dean's Office, per their request. I want to make it clear that tearing

down posters — no matter how offensive they may seem — is not acceptable behavior, and I do not condone it.

Charles E. Roburn '92



## OPINION POLICY

**Editorials**, printed in a distinctive format, are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors and opinion editors.

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

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

**Letters to the editor** are welcome. They must be typed, double-spaced and addressed to *The Tech*, PO Box 29, MIT Branch, Cambridge, Mass. 02139, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two days before the issue date.

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



# THE ARTS

## Husbands and Wives, Singles explore relationships

### HUSBANDS AND WIVES

Written and Directed by  
Woody Allen.

Starring Woody Allen, Mia Farrow, Judy Davis, and Sydney Pollack.  
Loews Paris.

### SINGLES

Written and Directed by  
Cameron Crowe.

Starring Cambell Scott, Kyra Sedgwick, Bridget Fonda, and Matt Dillon.  
Loews Cheri.

By Chris Roberge  
ARTS EDITOR

Two films opening today, Woody Allen's *Husbands and Wives* and Cameron Crowe's *Singles*, deal with the state of relationships in modern society. Both stories feature members of several couples falling into and out of favor with each other as each partner tries to find someone who can make them truly happy. Both movies use a documentary-style approach in presenting their characters, with actors speaking directly to the camera or to an off-screen interviewer. But Allen and Crowe appear to have drastically different feelings about what love-seekers have in store for themselves, because underneath these superficial similarities, the tones of the two films couldn't possibly be more different. Both *Husbands and*

*Wives* and *Singles* are good movies, but one is coated with optimism and hopefulness while the other is drenched in depression and dread.

*Husbands and Wives*, undeniably the bleaker of the two, begins as Sally (Judy Davis) and Jack (Sydney Pollack) announce to their friends, Gabe (Woody Allen) and Judy (Mia Farrow), that they have decided to separate after years of seemingly happy marriage. Gabe and Judy, shocked by the surprising news, start to question their own relationship and whether many of their initial feelings for each other still exist. Jack begins dating his aerobics instructor, Sam (Lysette Anthony). Gabe's interest in one of his undergraduate writing students, Rain (Juliette Lewis), begins to grow. And Judy and Sally each become attracted to one of Judy's coworkers, Michael (Liam Neeson).

All of this is photographed in an interesting style with hand-held camerawork, random zooms, and jarring jump cuts. Some scenes are narrated by an off-screen documentarian

(Jeffrey Kurland), and others involve the characters answering questions about themselves, their spouses, and their friends. This is a clever touch, but it is a bit overdone. The frantically bobbing photography is a trick that threatens to become tiresome early, and the characters wear immense microphones when they are being interviewed to stress the idea that this is a documentary. Allen could have made his point with much more subtlety.

Another case of overemphasis occurred in the writing of the film. Judy is shown to have numerous significant similarities with Michael — they both love music, they enjoy poetry, they are romantics at heart — and Sally disagrees with nearly all of his ideas. When Michael and Sally begin to date each other, there is nothing about his choices and tastes that she leaves uncriticized. Yet inexplicably Michael desperately wants Sally and entirely

disregards Judy. Allen may have anticipated this criticism, because he provides an excuse late in the film: After Gabe lends Rain a manuscript of the novel which he is working on, she tells him that all of his char-

# singles

acters are hyperbolic stereotypes, and Gabe counters that he merely exaggerated for comic effect. But the exaggerations in *Husbands and Wives* do more harm than good by undercutting the realism of the movie.

Indeed, *Husbands and Wives* is much better at projecting drama than comedy. Few films are as successful as this one at showing relationships enter an unavoidable phase of disintegration. The basic theme of Allen's latest is simply "Love fades." In the world which he has filmed, if you find someone who deeply interests you, you will not end up with them, and if you somehow manage to be with them, your interest in them will wane. Adding to the believability of these conclusions is the phenomenal acting by the entire cast, particularly by Davis and Pollack. Davis is in nearly all of the scenes which manage to be funny in spite of the oppressive tone, and Pollack, more famous for directing than acting, gives an amazing performance that creates a man full of frustration but still deserving pity.

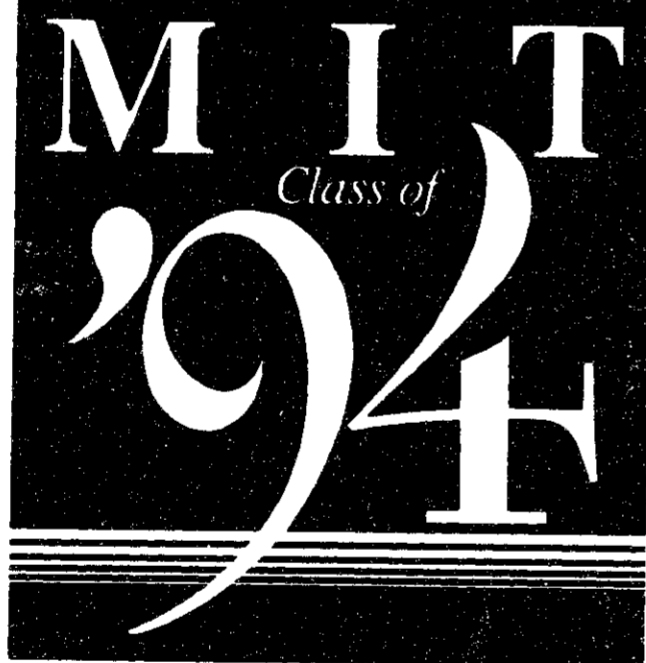
Supposedly, *Husbands and Wives* was originally intended to be funnier than it is now. The scariest scene of the film, involving a drunken Jack violently dragging Sam out of a party where she embarrassed him, was written chiefly for laughs. Later, when actually filming the scene, Allen decided to darken its tone. (Incidentally, if you saw the LSC screening of the movie, you missed this scene and others when a reel was omitted.) How much of this bleak outlook is caused by Allen's recent experiences is unsure, but whatever the cause, *Husbands and Wives*, although not one of Allen's best films, gives



Rain (Juliette Lewis) begins to interest her writing professor, Gabe (Woody Allen).



*Singles*, Page 9



and Graduate Students

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# Balfour

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# Singles director Cameron Crowe describes his new film

Interview, September 14.

By Chris Roberge  
ARTS EDITOR

The 8th Annual Boston Film Festival, currently taking place in the cinemas of the city, has brought a fair number of celebrities to Boston to promote the films they hope will be among those getting a publicity boost from the increasingly important festival. Two of those were Cameron Crowe, writer and director of *Singles*, which opens today, and Danny Bramson, the film's music supervisor.

Crowe began writing for *Rolling Stone* at the age of 16 and eventually wrote *Fast Times at Ridgemont High*, which became a best-seller and spawned one of the more successful films of 1982. A follow-up to *Fast Times*, *The Wild Life*, was not as big a hit, but *Say Anything*, which was his directorial debut, garnered both popular and critical acclaim. *Singles*, more slight but funnier than *Say Anything*, continues Crowe's fascination with young people and their relationships with one another.

One of the most noticeable elements of *Singles* is its strong use of a very good soundtrack featuring Seattle musicians such as Pearl Jam, whose members act in the movie, Soundgarden, and Alice in Chains. The "Seattle sound" is popular today, but Crowe and Bramson contend that its rise in popularity was a shock to them. "In the movie, Matt is interviewed about the Seattle sound. That was a joke at the time," laughed Crowe. "Now it plays almost like a documentary, because there is a huge Seattle scene. The music that began as private thrill ended up being, for lack of a better phrase, the hottest thing going."

About the importance of the music to the film, Bramson added, "I think music is obviously a part of our everyday life, whether it's as common as a musical association with a particular event, time, or place, or it's something to carry you through the day... It's an added texture to match Cameron's world and his characters. Really what it's about is complementing the film and if it ever takes a different role I think it would be a detriment as opposed to a positive addition."

Paul Westerberg, formerly of The Replacements, contributed two songs and a score to the film. "It worked really well because he's romantic with an edge. He's got sadness mixed in with the joy and he's got cynicism mixed in with his absolute belief in love. And that's so much what the movie is. It just fit so well," Bramson said.

With *Singles*, Crowe has graduated from the high school scene to chronicle the lives of people in their 20s. "It's odd, because really when we started the movie it seemed like there were teen movies and movies about adults and there was a gap there," said Crowe. "Now of course, I was flying here and looking through *People* magazine and I saw page after page after page of attractive ensemble casts in TV shows and so forth. So now that generation is being documented."

But one of the problems that *Singles* does have is that the attractiveness of its own cast sometimes takes away from the realism of the

movie. One sequence actually has the very beautiful Bridget Fonda consider plastic surgery. Crowe rebutted, "It's funny because when we were making the movie a comment came back to us from the studio saying, 'Matt Dillon looks like Charles Manson! What are you doing to that attractive young man?' But yeah, I think in a funny way Bridget Fonda, for all of the elegance and beauty that you see in her work, . . . I don't think that we played to that at all. And no, she's not an Amazon woman, but I wanted to tell a story about the girl who has to compete with the Amazon woman. And the great thing about Bridget Fonda is that she's so able at playing against what is her natural beauty that I think that she's very natural in the movie. And Cambell is a leading guy, but he's certainly a new face and not someone that would walk down the street and cause you to say, 'Oh, that guy

must be a model or something.' I think the cast feels kind of natural and no, they're not ugly, but certainly it's not Hollywood. Their dilemmas are those of normal people."

Although he is certainly an able director, Crowe says that his first love is still writing and that his favorite topic is relationships. "In a lot of ways *Singles* is about the little moments — does she open the car door button, how many days should I wait to call, and all of that stuff. I just thought, let's just rejoice in the games — the games that make it great and the games that make it awful. And at the end we leave these characters on a small moment where that connection is made and then immediately set it in its context as a whole world of people stressing about that very little thing — meeting someone new. How do you do it?"



Cameron Crowe says of his actors, "I think the cast feels kind of natural and no, they're not ugly, but certainly it's not Hollywood. Their dilemmas are those of normal people."

## Director's Cut enhances already great *Blade Runner*

### BLADE RUNNER

Directed by Ridley Scott.  
Screenplay by Hampton Fancher and David Peoples.  
Starring Harrison Ford, Sean Young, and Rutger Hauer.  
Loews Nickelodeon.

By Bill Jackson  
OPINION EDITOR

Ridley Scott's 1982 epic *Blade Runner* has been rightfully praised and publicized as "years ahead of its time." The film has had (literally) volumes written about it and fans hotly debate minute details of the movie to THE DIRECTOR'S CUT this day. When a different version of the film was found in a back vault, it was hailed as the long-sought "director's cut," but Scott declared that although it was closer to his vision than the previously released version, it

was not his original cut. When a limited release of the found version began to break box-office records at some theatres, Warner Brothers found the money to let Scott re-edit the film into a true "director's cut." The result is stunning.

For those of you who've never seen *Blade Runner*, it is set in a nightmarish, over-commercialized future Los Angeles. Although Replicants — special, genetically engineered humanoids — have been banned from Earth, four have found their way back from their assigned slave-colony and are attempting to find their "creator," the owner of the company which manufactured them. Harrison Ford is a "blade runner," or special policeman assigned to destroy Replicants. His assignment is to kill the four escapees, and though this may sound

Blade Runner, Page 9

## The Stratton Student Center Public Art Project

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Second Meeting:  
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Third Meeting:  
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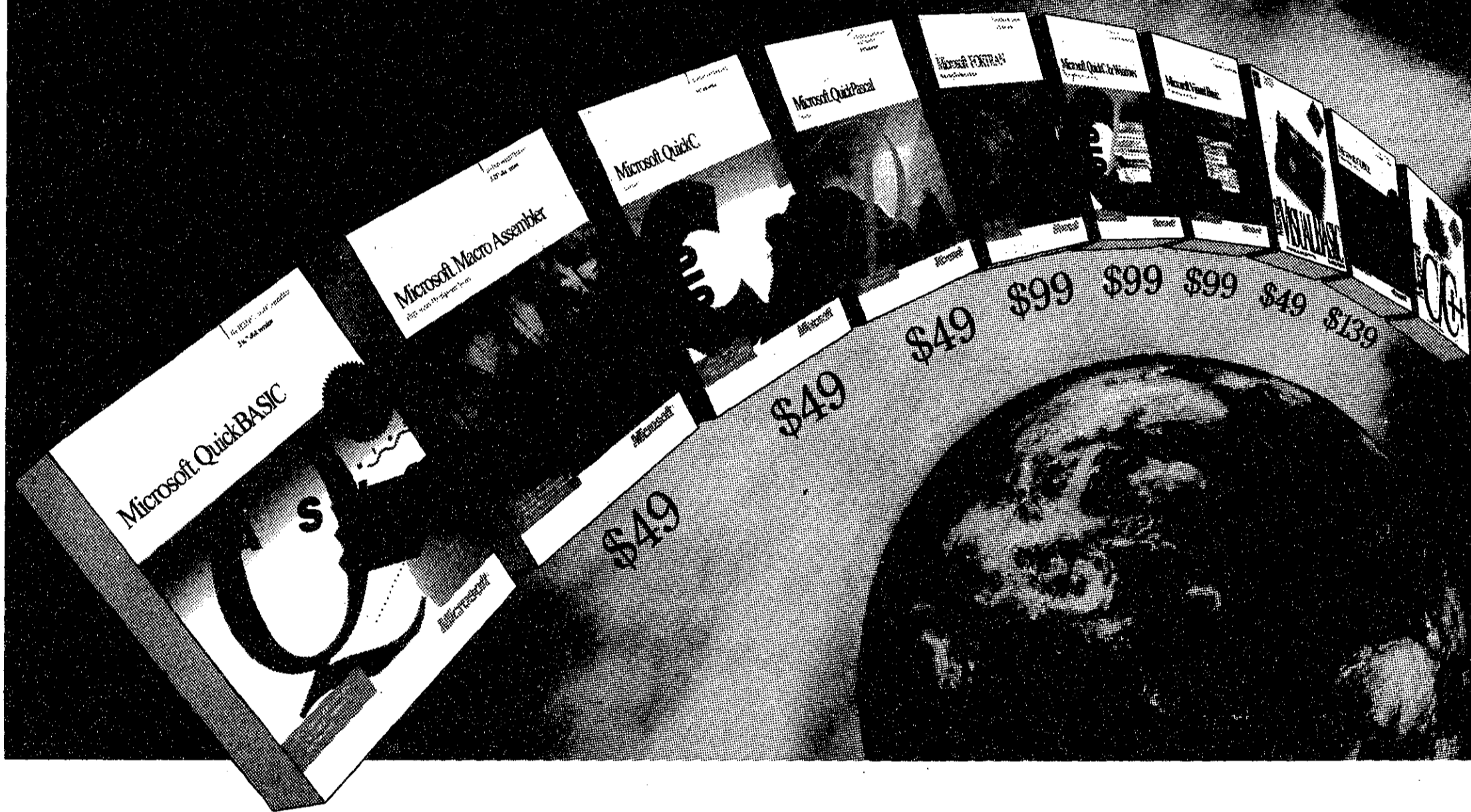
These guides will appear over the next few months.

Note: Each year the Bose Foundation sponsors a one year fellowship for a first year graduate student in electrical engineering. Please see your faculty advisor for more information or write Rhonda Long, Bose Foundation, The Mountain, Framingham, MA 01701-9168.

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# Singles depicts a lighter image of love than Allen's

Singles, from Page 6

an effectively depressing image of crumbling relationships.

Cameron Crowe's *Singles* is a film that sharply contrasts *Husbands and Wives*' attitudes. In *Singles*, the focus is on twentysomethings instead of fortysomethings, and the tone is much lighter and funnier. The characters of the film live in a horseshoe-shaped apartment building for singles where everyone knows each other either as a friend or as an occasional date. The primary, more serious, relationship in the film involves Steve Dunne (Cambell Scott) and Linda Powell (Kyra Sedgwick). Janet Livermore (Bridget Fonda) and Cliff Poncier (Matt Dillon) also get a good deal of screen time, and many others wander in and out of this movie that has more than 80 speaking roles.

Like many of the characters in the film, Steve temporarily swears off of love, claiming that he can't understand it the way he understands his job. But he soon meets Linda at an alternative rock club that he and his friend David Bailey (Jim True) frequent. Steve becomes interested in her, but she too is unsure about getting into a relationship at that stage of her life. In contrast, Janet is sure that she is in love with Cliff (who is the lead singer of Citizen Dick, a rock band played by members of Pearl Jam), but she is unsure that

any of her feelings are echoed by the self-absorbed "artist."

Cameron Crowe is probably best known for writing and directing *Say Anything*, a film which featured convincing characters in one of the more believable teen relationships filmed recently. But the style of *Singles* has more in common with another Crowe screenplay, *Fast Times at Ridgemont High*. None of the characters in his new film are anywhere near as realistic as those he created in *Say Anything*, but the situations that they encounter and the reactions that they have often ring true. It's easy to identify with someone obsessing about the meaning behind a woman opening a car door for him, going crazy wondering how long to wait before calling someone back, or joking about such 1990s stereotypes as "Mr. Sensitive Ponytail Man."

Crowe also adds some interesting layers to the film, not the least of which is the Seattle music scene. Some characters' rooms are decorated with posters for such groups as Mother Love Bone, and others walk around with Mudhoney T-shirts. The soundtrack features excellent music by, among others, Pearl Jam, Screaming Trees, and Paul Westerberg, formerly of The Replacements. Westerberg also wrote the score for the film, with light and memorable themes based on the two songs which he wrote for the soundtrack.

For many of the characters in *Singles*, jobs

are stressed as being the most important aspect of their lives other than their searches for love. Cliff believes strongly in his band, and defends it against its lack of success in Seattle by pointing to their enormous popularity in Belgium. Linda works at an environmental agency and Steve enjoys his job at a city planning department. With these two jobs, Crowe tries to portray the age group that he is filming as wanting to have an active influence on their world, but having less success changing their own personal world. He also uses Steve's job to make an interesting comment on the way people sometimes just enjoy being alone: Steve is designing a "supertrain" capable of transport-

ing large numbers of people cleanly and efficiently, but his idea is constantly rejected because too many people simply enjoy the privacy and individuality of their own car.

The title of *Singles* refers not only to the social status of all of the main characters and the types of apartments that they live in, but to a unique method Crowe used to segment the film. Every ten minutes or so a title card appears on the screen reading such things as "Seattle Blue" and "What Took You So Long," effectively divid-



Steve (Cambell Scott) and Linda (Kyra Sedgwick) try to understand where their relationship is going.

ing the movie into sections analogous to the tracks, or singles, of an album. As with any record, not every "song" in *Singles* is equally strong, but there is enough humor and truth in this light and enjoyable movie to make it worth listening to.

## Darker, more thoughtful version restores Scott's intents

Blade Runner, from Page 7

like a science-fiction shoot-em-up, it actually becomes a meditation on the human soul and what it means to doubt the truth of one's existence, thanks to career performances by Ford, Sean Young, and Rutger Hauer as the leader of the Replicants.

*Blade Runner* is famed, of course, for its amazing special effects. The world of the film is completely realized, a steamy and dark place of massive sensory input, an assimilated Asian-American inner city culture, and a corporate and police-run state. When the film was first released, however, the studio wanted some changes to make it more palatable to the public.

One change was the Raymond Chandler-style voice-over narration, added during post-production and badly monotoned by Ford. The studio believed the narration would make the narrative more understandable. Unfortunately, I have difficulty deciding whether or not this is true, because I saw the voice-over edition first, and this may be why I understood the director's cut. However, I am reasonably convinced that the script is written clearly enough, and the dialogue-invested with

just the right amount of cleverly hidden exposition, to keep things clear. *Blade Runner* requires careful viewing in this new version, but the average viewer should have little difficulty understanding the plot.

One thing that the lack of narration does, however, is to enhance several scenes, especially the special effects scenes involving flight over the city. Excising the narration has left only the majestic score by Vangelis, which lends these scenes a mysterious, meditative quality reminiscent of Kubrick. The pace of the film is thus changed — the new *Blade Runner* feels more thoughtful, giving the viewer more time to consider the

implications of what is happening. The special effects take on a ballet-like quality without Ford's voice intruding every few seconds. If a film has never taken your breath away, this might be the one that does it.



Rick Deckard (Harrison Ford) atop a steamy rooftop in *Blade Runner*.

Another much-ballyhooed change supposedly demanded by the studio was the ending — without spoiling it for first-timers, I'll say it involved the addition of one scene which left the resolution much more concrete than Scott or screenwriters Hampton Fancher and David W. Peoples had intended. For the director's cut, Scott has truncated the ending one scene earlier (if you've seen the film, it ends with the elevator

door closing). It serves to leave the viewer slightly uneasy, but it is by far the least interesting change.

Also much discussed is the addition of the unicorn scene, a brief flash in which Deckard sees a grunting unicorn. The scene has resonance at the end when the symbol of the unicorn reappears, but it is outside the parameters Scott sets for himself. The scene does, however, add fuel to the argument that Deckard himself may be a Replicant. This is by no means clear from the film, but the way in which the unicorn appears at the end, after having been a memory in Deckard's mind, gives the *Blade Runner* fanatic plenty to chew on until Scott recuts the film again in 2002.

Not to be discounted is the simple thrill of seeing *Blade Runner* on the big screen (or at least the quasi-big screen). The press screening was gorgeous on the large screen at the Charles theatre. The regular showings will be at the Nick with smaller screens, but seeing *BR* in a movie house should still be a big thrill. Now that Scott's career has degenerated into far less complex analogy films (e.g. *Thelma and Louise*), it's wonderful to see his masterwork again, especially for those of us who have previously seen it only on video.

### GUEST SPEAKER COMMENCEMENT 1993

The Commencement Committee invites suggestions for the guest speaker at MIT's Commencement Exercises on Friday 28 May 1993 from all members of the MIT Community. The Commencement speaker should be one who will be able to address the topics of relevance to MIT. Written suggestions may be dropped off at the following locations:

Undergraduate Association Office  
Room W20-401

Graduate Student Council Office  
Room 50-222

Information Center  
Room 7-121

The deadline for suggestions is Wednesday 23 September. In addition, suggestions may be filed with Mr. Anand Mehta—President of the Graduate Student Council, Miss Mary L. Morrissey—Executive Officer for Commencement, Ms. Reshma P. Patel—President of the Class of 1993, and Professor Martin F. Schlecht—Chairman of the Commencement Committee.

All suggestions will be reviewed and a list will be submitted to President Vest for consideration. The list will not be made public nor will it be rank ordered. The responsibility and authority for selecting a Commencement guest speaker and issuing an invitation will rest with President Vest.

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# HASS Students Face Lotteries, Closings

HASS, from Page 1

propensity to become frustrated if they are forced out of a class.

Students who wound up on the losing end of lotteries expressed their dissatisfaction with the system. Nancy M. Ho '95, who was bumped out of American Literature (21.006), said she is not happy with the lottery policy. "People majoring or concentrating in literature should perhaps be given preference," she said.

Students often find out on registration day or later that a HASS class they signed up for had been cancelled. Martha L. Bulyk '93 did not learn that Contemporary Literature (21.088), for which ten people had enrolled, had been can-

celled until she went to class the first day and waited inside with other students for the instructor to come.

"Someone came in after a few minutes and said [the class] was under-enrolled. Tomorrow is the fourth day of classes and I'm still looking for a HASS," Bulyk said.

Some professors are also troubled by the present HASS-D system. Professor of Literature John Hildebidle, who teaches Major Poets (21.004), said, "I personally find [the system] very distressing." However, he acknowledged that the situation is difficult to improve without increasing section sizes. "No one has come up with a better system. I personally would like to come up with a viable alternative," he said.

# Panhel Reviews Few Rush Violations

Violations, from Page 1

Panhel governs sorority rush

Although sorority rush operates under many of the same rules which govern fraternities, the four sororities follow rules set by the National Panhellenic Conference. Through Panhel, the sororities have developed additional guidelines which try "to make [rush] fair for the four sororities and make it easier for the freshmen," said Rebecca D. Niles G, Panhel rush chair.

Sorority members generally adhered to the rules during rush, with "very few, minor problems," said Panhel President Maria B. Killos '93.

There were a few violations, Niles said. "Most were misunderstandings between the four sororities."

It was unclear if sorority members spoke with freshmen outside the individual sorority parties or if they attempted to influence freshmen's decisions, Niles explained. Both actions are forbidden under Panhel rules.

Representatives of the four sororities held a meeting September 10 to clear up the misunderstandings and make recommendations on how to state Panhel's rush rules more specifically, Killos said. She added that there will be more meet-

ings in the future if necessary.

Alpha Chi Omega President Stefanie A. Spencer '93 said that her sorority and Kappa Alpha Theta were the only chapters that were not charged with any rush violations. Nancy J. Riley '93, Theta president, confirmed that no charges were pressed against her sorority.

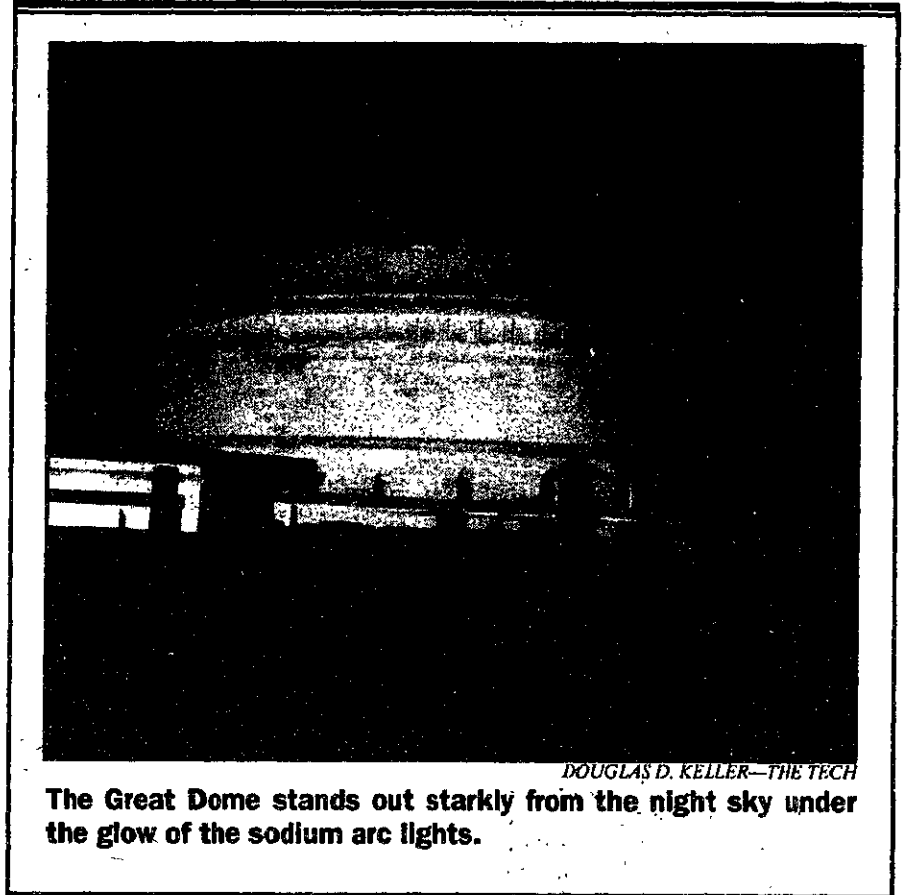
Stacey L. Reeves '93, rush chair

for Alpha Phi said, "We basically just did mediations" at the meeting last week. There were no formal trials and "any violations were oversights," she said.

Violations included talking to girls outside the rush room and problems with some of the invitations, Reeves continued, but there was no bad-mouthing.

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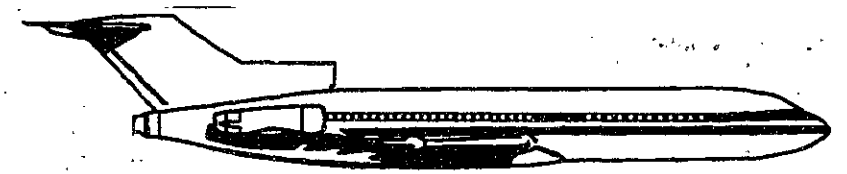
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# SPORTS

## Men's Rugby Beats HBS 18-5

By Darryn Waugh  
TEAM MEMBER

The men's rugby club made a triumphant start to the fall season on Saturday. In the inaugural game of the New England Graduate School League, MIT defeated Harvard Business School 18-5.

In a hard and fast match, MIT scored three tries to one. Spurred on by the large crowd that had come to support them, the MIT team started

strongly and scored on an early penalty goal to take a 3-0 lead. MIT continued to dominate the first half and led 8-0 at the interval, with Yves Kissenpfennig '95 scoring.

Early in the second half, Yves capped a fine game by scoring his second try to extend MIT's lead to 13-0. MIT then sealed its win with Mark Johnson G completing a move which swept the length of the field to score the try of the match.

Harvard finished the game strongly, and scored a conciliation try to make the final score 18-5.

In the B-team game, Harvard defeated MIT 20-10. Harvard took a commanding lead in the first half, but MIT fought back strongly in the second half, with Brian Meier '95 scoring two tries.

The next matches are against Old Gold RFC this Saturday at 1 p.m. on Briggs Field.

## Women's Soccer Begins Season 2-1

By Carol Martinez  
and Rebecca Hill  
TEAM MEMBERS

The women's soccer team has started the season with a 2-1 record. This year's team has the potential to be the strongest in MIT's history.

In the opening game, MIT defeated New England College by a score of 4-2. Celia Fleming '93 pulled off a hat trick, while Chantel Wright '95 put in one of her own. MIT dominated the game, taking 27 shots compared to NEC's seven.

In the next game, Wright scored against Mt. Holyoke, but that wasn't enough to overcome their strong passing game. MIT bounced back to defeat Elms College by a score of 4-1. Celia Fleming's goal in the first five minutes of the game started MIT off on the right foot. Chantel

Wright added to the score by putting in a direct kick. In the second half, Rebecca Hill '95 scored twice within two minutes, both times on breakaways.

The team plays at home against Wheaton on Sept. 26.

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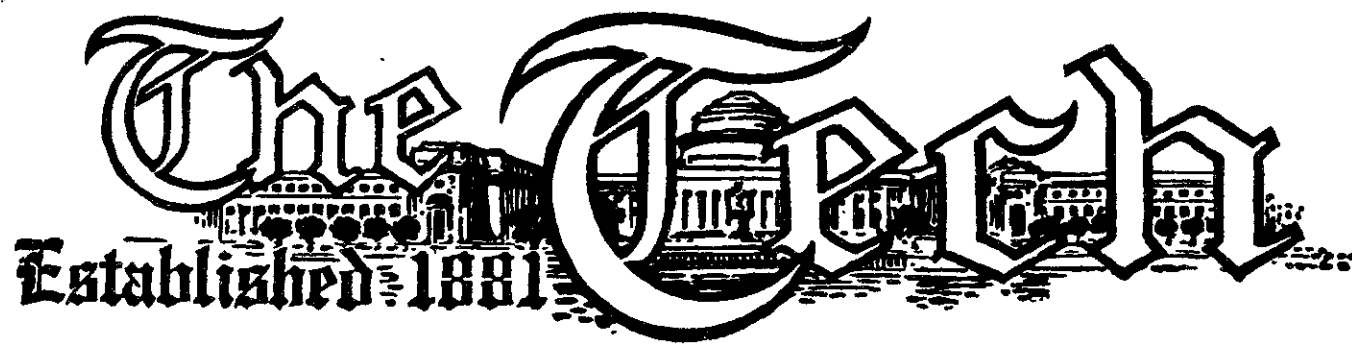
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French to Vote on Maastricht, Page 2



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Tonight: Clear, 55°F (13°C)  
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Details, Page 2

Volume 112, Number 42

Cambridge, Massachusetts 02139

Sunday, September 20, 1992

# Student Slain on Memorial Drive

## Killing Fuels Safety Debate

By Aaron Belenky

The morning after Yngve K. Raustein '94 was stabbed to death along Memorial Drive, students around campus were in a state of shock and surprise over the loss of their classmate. Safety awareness across campus was heightened as students worried that they might also become crime victims unless more precautions are taken.

Campus Police and the MIT administration moved quickly to help students deal with Raustein's death, and to prevent a similar incident from happening in the future. Campus Police distributed posters around campus explaining the basic facts of the attack and reiterating familiar safety tips.

Anne P. Glavin, chief of Campus Police, spoke yesterday with residents of Baker House, where Raustein lived. She said that the amount of lighting along Memorial Drive would automatically be reviewed as a result of the murder. Whether any changes will occur would be determined after a review of current conditions and discussion of the real benefits of more lighting, she said.

Glavin also discussed Safe Ride, which transports students around campus and to living groups in Boston after dark. She told participants at the meeting that Safe Ride,

generally considered a worthwhile service, could not become an overnight service.

John R. Tedrow '95 suggested that Safe Ride be improved to increase security. He cited long waiting times for pickups and equally long time periods to reach a destination as the major reasons why students do not use the service.

Glavin also asked that students talk about potential solutions, come to a consensus about what should be done, and be ready to discuss their suggestions with the administration.

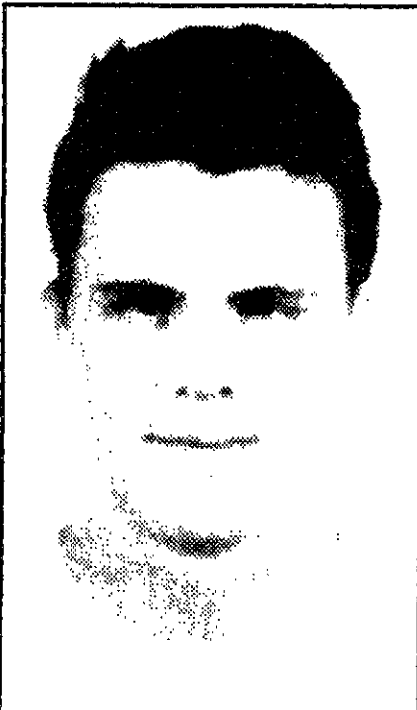
### Lighting petition circulated

A hastily-drawn petition for more campus lighting appeared in the doorways of the Student Center this morning. The Baker resident who started the petition declined to comment, and referred to the posters at Baker House which advised residents not to discuss the issue with the press.

Students seemed scared that such an event could happen so suddenly and unexpectedly. In response, they plan to be more safety-conscious, without becoming overly fearful.

Julie Higgins '96 was surprised to hear that a murder could happen on campus. She is usually very careful when going out at night, but might take extra precautions now.

Safety, Page 3



BAKER HOUSE PICTUREBOOK

Yngve K. Raustein '94

## President Vest's Statement

Editor's Note: *Institute President Charles M. Vest issued the following statement yesterday regarding the death of Yngve Raustein '94:*

The MIT community is deeply shocked and saddened at the murder of Yngve Raustein on Memorial Drive, right next to the campus along the Charles River.

We mourn the loss of a promising student. That sense of loss is made a little greater because he was a visitor to our country.

I spoke with his father in Normay this morning and conveyed to him and his wife our great sympathy and sorrow.

At noon time, members of our counseling staff and I spoke with residents of Mr. Raustein's dormitory, who are greatly shocked and concerned. It is unfortunately true that no citizen of this world is immune in this age of violence.

It is a tragedy.

## Three Suspects Apprehended; Apparent Motive Was Robbery

By Karen Kaplan  
EXECUTIVE EDITOR

An MIT junior was fatally stabbed after an apparent robbery Friday night near Hayden Library as he and a male companion were walking east on Memorial Drive. Three suspects have been taken into custody in connection with the slaying.

Yngve K. Raustein '94, a 21-year-old Baker House resident from Os, Norway, and another MIT student were confronted by three Cambridge Rindge & Latin high school students near the path leading to the passageway between Building 14 and the main buildings at approximately 9:45 p.m., according to the Middlesex County District Attorney's Office. The youths were identified as Joseph D. Donovan, 17, Alfredo Velez, 18, and Shon McHugh, 15.

One of the youths exchanged words with Raustein and his friend, a scuffle ensued, and Donovan punched Raustein, who fell to the sidewalk, a District Attorney spokesperson said. The three youths then stole Raustein's and his friend's wallets, which contained a total of \$33.

Then McHugh allegedly stabbed Raustein in the heart with a knife a number of times, according to the District Attorney and the MIT News Office.

Another student who happened to be in the area reported the incident to MIT Campus Police after hearing screams and commotion, said Anne P. Glavin, chief of Campus Police.

Campus Police, State Police, Cambridge Police, and paramedic units all responded. Raustein was taken immediately to Massachusetts General Hospital, where he was pronounced dead at 10:05 p.m., Glavin said.

### Suspects arrested at BU

The three suspects then tossed the wallets into the Charles River and fled the scene, running over the Massachusetts Avenue Bridge and into Boston, the District's Attorney's office said.

State Police broadcast an all-points bulletin for the three young men, two of whom were described as white and the other as Hispanic or African-American. At approximately 10:15 p.m., Boston University Police apprehended the suspects, who were "fleeing on foot" near Kenmore Square, they said. Witnesses later identified the three as those responsible for the murder, according to the MIT News Office.

Donovan, Velez, and McHugh were charged with murder and armed robbery and all are being held without bail. Donovan and Velez are being held at the Metro/State Lower Basin lockup, and McHugh is at a juvenile facility in Revere, according to the District Attorney's office.

The three will be arraigned tomorrow morning in Cambridge District Court. It is not clear whether McHugh will be tried as an adult.

"We believe Shon McHugh stabbed him," Middlesex County District Attorney Thomas F. Reilly said yesterday. "All three were charged with murder and armed robbery."

"It's a joint venture — a murder that occurs in the course of an armed robbery," Reilly said. "We're alleging they are all responsible for it."

Ranjana Mitra '96 and other students reported seeing a State Police van with blue flashing lights and boats with searchlights and divers in the Charles River between 11:30 and midnight, apparently searching for evidence. Divers recovered Raustein's wallet, but his companion's is still missing.

Police recovered a knife, believed to be the murder weapon, in Kenmore Square, Reilly said.

### Safety issue revisited

The stabbing has forced students, administrators, and campus police to revisit the issue personal safety at a large, urban campus

"Memorial Drive traditionally

Murder, Page 3



DOUGLAS D. KELLER—THE TECH

A trash can full of discarded police tape was all that was left of the crime scene outside Hayden Library yesterday.

## Baker House Mourns Loss

By Sarah Y. Keightley  
NEWS EDITOR

Baker House held a meeting at 11:30 a.m. yesterday to address students' concerns relating to the stabbing of Yngve K. Raustein '94 Friday night.

President Charles M. Vest, his wife, Chief of Campus Police Anne P. Glavin, Associate Dean for Residence and Campus Activities James R. Tewhey, Medical Department counselors, and other deans attended the meeting.

Many students were wary of being quoted for this story. Flyers posted in Baker instructed residents not to talk to the press.

"A good majority of [Baker] house" attended the meeting, according to one resident. This was aided by a "special effort put forth by the [graduate resident] tutors," the student added. The student said a few people at the meeting were upset, but that most had not known Raustein very well.

The meeting included a presentation by Glavin, as well as a description of campus resources available to students, including counseling. Glavin told Baker residents about Friday night's stabbing, noting that MIT is an urban environment, and that students should look out for themselves, the student said.

The meeting then opened up for discussion, at which point students expressed their safety concerns. According to the student, Glavin listened to suggestions but also said that no matter how many lights there are on Memorial Drive, it would be impossible for police officers to be everywhere. Memorial Drive is not MIT property, but is under the jurisdiction of the State Police, she added.

Nancy J. Schondorf '93 said, "I thought that Anne Glavin handled it really well. She addressed students' concerns and really understood

Baker, Page 3

# WORLD & NATION

## Security Council Votes to Bar Yugoslavia From U.N.

NEWSDAY

UNITED NATIONS

The Security Council, in a move to cast Serbian-dominated Yugoslavia as a pariah nation and further press it to end the Bosnian war, voted Saturday to prevent it from participating in the General Assembly.

By a vote of 12-0 with three abstentions, the council said that the rump state of Yugoslavia, consisting of Serbia and Montenegro, was the principal aggressor in the ethnic conflict and could not automatically assume the U.N. membership of the former Yugoslavia. The country fractured after Slovenia and Croatia declared independence in June 1991, and the Muslim-dominated Bosnia-Herzegovina followed in February. The three republics now each have their own new seats in the United Nations, but Yugoslavia contended that it did not have to reapply.

Yugoslavia may reapply for membership as a new country, the Security Council decided. The council's vote requires ratification by the 179-nation General Assembly, which diplomats here say is virtually assured because it has the support of Muslim countries and much of the Third World.

If the measure passes in the General Assembly, Yugoslavia will join South Africa as the only other outlaw in the U.N. system. South Africa's voting rights were suspended in 1974 because of its apartheid policies.

The resolution was sponsored by Britain, France and Belgium, the three European Community members on the council. They were joined by the United States and Morocco, a Muslim country.

Yugoslav representatives reacted angrily, saying the move could derail peace efforts under the auspices of the United Nations. But they stopped short of threatening to pull out of negotiations aimed at ending "ethnic cleansing," inhumane prison camps, attacks on civilian targets and relief convoys and, ultimately, the war itself. Most human rights organizations, including U.N. agencies, hold the Serbs largely responsible for the atrocities.

"The basic problem that we have on this resolution is we are being punished at a time the peace effort is starting to get some results," said Milos Strugar, a counselor at Yugoslavia's U.N. mission. "This may jeopardize peace efforts," he said, but added, "We will continue to work for peace."

## Nixon Advisers to Testify on Whether POWs Were Left Behind

THE WASHINGTON POST

WASHINGTON

Testimony before a special Senate committee and information emerging from declassified documents strongly indicate that high officials in the Nixon administration knew that some American prisoners were left behind in Southeast Asia when the United States pulled out of the Vietnam War in 1973, but chose to ignore the fact because they were determined to withdraw from the conflict.

The new information has apparently produced no fresh evidence that any U.S. prisoners of war are still alive, although Sen. Robert C. Smith (R-N.H.), vice chairman of the Senate Select Committee on POW-MIA Affairs, said he has been persuaded that as recently as 1989 some were alive.

But information in the documents, testimony and depositions given to the committee appears to confirm that in 1973, when President Richard M. Nixon said that all U.S. prisoners of war had come home, it was not true and that his senior aides knew it, even if he did not.

Almost 20 years after the war ended, the new information about the attempt to account for missing Americans is suddenly flowing through two channels to a public from whom it was long hidden. One is the select committee, which was created in August 1991 and has so far taken testimony from 61 witnesses and nearly 100 depositions dealing with the policy, personalities and technical aspects of this volatile issue. The other is a trove of previously classified Pentagon and State Department documents that have been made public by President Bush at the committee's request.

The documents reveal bitter disputes in the Pentagon and White House throughout the Reagan and Bush administrations, mostly pitting those who believed live prisoners might still be awaiting rescue against those who maintained no data existed to support such a belief.

The documents show, for example, that some Pentagon officials have for years harbored doubts about the efficacy of the Defense Intelligence Agency's effort to evaluate "live sighting reports" and other information about the whereabouts of missing Americans.

One document, a March 1986 assessment of the intelligence effort by Air Force Col. Kimball Gaines, then chief of the Pentagon's POW-MIA task force, blasted what he said was a "mind-set to debunk" among analysts assigned to evaluate reports from refugees and others about sightings of live Americans.

Two months later, a committee headed by retired Air Force Lt. Gen. Eugene F. Tighe, former chief of the Defense Intelligence Agency, said after a review of DIA files that "the evidence is compelling that at least between 1975 and 1979 American military personnel were held in captivity in Laos by Vietnamese troops."

## WEATHER

### Clear Sailing Ahead

NATIONAL WEATHER SERVICE

**Today:** Sunny and cool. High 65-70°F (18-21°C). Light easterly winds.

**Tonight:** Clear, with patchy fog. Low 40-45°F (4-7°C) in the suburbs to near 55°F (13°C) in the city.

**Tomorrow:** Sunny. High 70-75°F (21-24°C).

## France in Role of Possible Spoiler With Unity Treaty Vote

By Rone Tempest and Joel Havemann  
LOS ANGELES TIMES

PARIS

For nearly four decades since the end of World War II, France has dreamed of being the pivotal country in a united Europe, with Paris as its cultural heart and intellectual center.

Each in his fashion, French leaders as different as the towering nationalist Charles de Gaulle, the worldly aristocrat Valéry Giscard d'Estaing and today's Socialist French President François Mitterrand all actively joined in a march toward a federal European state to rival the United States and Japan on the world stage.

Never shy in the spotlight, French leaders over the years came to see themselves as the principal shapers — "architects," in their words — of a new, borderless Europe. When Mitterrand was re-elected to a second seven-year term in 1988, he quickly identified European "construction" as the central theme of his new mandate. No one, it seemed until recently, was more pro-European than the French.

With Sunday's vote on the Maastricht Treaty for European union, however, the French find themselves cast in the uncomfortable role of possible spoiler.

The eyes of Europe are anxiously upon citizens of the French republic stretching from the once-disputed territory of Alsace-Lorraine to the French Pacific islands as they go to the polls in a referendum many feel can break — or at least greatly retard — the 40-year drive toward a politically and economically linked Europe.

"If France says no, she will be viewed as the problem child who has gone off in the corner to sulk," said former Prime Minister Jacques

Chirac, whose Gaullist political party is badly split over the referendum. "She will be weakened. And the souffle that has been the construction of Europe runs the risk of falling flat."

The French will be voting to ratify or reject a dry, legalistic, 900-hundred-page document known as the Maastricht Treaty, which takes its name from the small Dutch city where it was initiated by the 12 European Community leaders last December.

Symbolically, the Maastricht Treaty has taken on meaning as a measure of just how much the 12 EC nations are willing to sacrifice to build the dream of European federalism.

A narrow rejection by Danish voters in June has put great pressure on the French to demonstrate their faith in Europe. If the referendum succeeds, one of the first objectives of European leaders will be to devise a way to get the Danes to reconsider.

If the referendum fails, the treaty, already wounded by the Danes, will be dead. British Prime Minister John Major has already said he would withdraw it from consideration by his Parliament.

In an interview with the British newspaper, *The Independent*, Mitterrand brooded about the consequences of a negative vote.

"It would be a serious reversal for France and for Europe, without doubt, with dozens of years lost before a similar chance would recur," he said.

Mitterrand is not alone. Practically all of France's main political leaders, with the exception of Communist Party chief Georges Marchais and extreme right National Front party head Jean-Marie Le Pen, vigorously support the treaty. Nearly every newspaper

and important political columnist supports it.

But the most recent public opinion polls showed supporters of the treaty holding only a slight edge, with more than enough undecided voters to throw the outcome either way.

Support for the treaty dropped from a high of more than 60 percent of those who said they had made up their minds in June to as low as 47 percent in some polls at the beginning of September. A final poll after Mitterrand went on television in a three-hour defense of the treaty earlier this month showed the vote deadlocked, 50-50. London odds-makers have made the "yes" vote a slight favorite.

Supporters of the treaty see the European union as a way of tying Germany to a common cause. Opponents fear that Germany, with its powerful economy and Western Europe's largest population, will use the EC to dominate Europe. The demonstration of economic power displayed last week by the German Bundesbank in the monetary crisis fueled arguments in both camps.

What most rankles EC bureaucrats in Brussels — the "technocrats" attacked by treaty foes in the debate — is that the French president called for the referendum in the first place. Mitterrand had the option of seeking ratification through Parliament, where support seemed assured.

"Mitterrand called the vote in his own political self-interest, not in the interest of Europe," one EC civil servant said, referring to Mitterrand's objective of dividing his conservative opposition before parliamentary elections next spring.

Mitterrand was gambling with Europe's future, the bureaucrat said, a gamble that all of Europe may lose.

## G-7 Vows To Stabilize Currencies

By Steven Mufson

THE WASHINGTON POST

WASHINGTON

Economic leaders of the Group of Seven major industrial powers committed themselves to stabilizing international currency trading at a meeting in Washington Saturday, but they stopped short of spelling out any measures to bring calm to chaotic European markets.

European finance ministers and central bankers plan to meet here this afternoon to review the results of Sunday's French referendum on the Maastricht treaty, the accord designed to bring about closer European political and economic unity.

A rejection of the treaty might reignite turmoil on European markets and the European ministers will discuss further measures Sunday, depending on the outcome of the vote. Polls close 8 p.m. in France, or 2 p.m. Eastern time in the United States.

The outcome of the vote is considered too close to call, but French Finance Minister Michel Sapin said France is ready to deal with any financial-market instability that may occur. "We will take adequate measures," Sapin said, without elaborating.

U.S. Treasury Secretary Nicholas F. Brady said the seven-hour G-7 session Sunday was cordial without "a lot of of finger-pointing."

But German officials early in the day bristled at British and U.S. suggestions that Germany was responsible for the crisis and they said Germany would not bow to pressure from other G-7 members to lower

German interest rates in order to relieve pressure on other European currencies.

"Neither the German finance minister nor the Bundesbank president would be in a position to ... promise (lower rates)," German Finance Minister Theo Waigel told a news conference Saturday morning.

The G-7 ministers also discussed how they could put together the European coordinated exchange rate system, but reached no agreements. In addition to the United States, Germany and France, other members of the G-7 are Britain, Italy, Japan and Canada.

Italy indicated a desire to reenter the European rate mechanism (ERM) as early as Tuesday, G-7 sources said, although whether that is possible will depend largely on what happens in currency markets Monday. Italy was forced to drop out of the coordinated system of European exchange rates last week when it could no longer prop up its currency, the lira, against an avalanche of selling by currency traders last week.

Britain, which pulled out of the European system before Italy, set three conditions for the pound's reentry into the ERM.

"The first is that turmoil must be over on the foreign exchange markets," said Britain's finance minister, Chancellor of the Exchequer Norman Lamont. He said the second was that the British economy and that of Germany should "be more in sync." Lamont said the two should be nearer in terms of the economic cycle and closer in terms of interest rates. The third condition for re-

try, he said, was that there should be reforms in the workings of the ERM.

He declined to give details of what reforms Britain is seeking.

There seemed to be a certain amount of fatalism about what Monday would bring on the markets. Brady said that the \$1.5 trillion worth of currency transactions settled every night at the New York Federal Reserve was "a mighty river" and added that "currencies will seek the right price levels."

The ministers also agreed in principle to a rescheduling of the \$70 billion debt of the former Soviet republics. The details were not set, but it is likely to resemble other reschedulings agreed to by major economic powers, involving a grace period during which no payments would be required.

Russian central bank governor Viktor Gerashchenko, who was part of a Russian delegation that met with G-7 ministers Saturday afternoon, said that he hoped that details of the debt rescheduling would be ironed out with the help of the International Monetary Fund over the next week to 10 days.

As the finance minister and central bankers from the G-7 countries struggled to deal with the international economic upheavals and slow global growth, President Bush Saturday issued an unusual invitation to top officials gathered in Washington for the annual meeting of the International Monetary Fund. With the stagnant state of the U.S. economy a major issue in the election, Bush invited the IMF officials to a special meeting at the White House Sunday.

# Undergraduate Murdered on Memorial Drive

Murder, from Page 1

has had its problems after dark," Glavin said yesterday. "You could walk down there 10 times and never have a problem, but the 11th time you might. ... The bottom line is

that this tragic incident points out very graphically the risks of criminalization in an urban area."

President Charles M. Vest, Associate Dean for Residence and Campus Activities James R. Tewhey, Glavin, and psychologists

from the MIT Medical Department met with Baker House residents yesterday morning to inform them of the stabbing and of the resources available to help them deal with their grief, residents said. Glavin spoke about personal safety within an urban environment, and students discussed ways of making the campus more safe, including increasing lighting on Memorial Drive and adding more vans to the A Safe Ride fleet. Baker House residents were instructed not to speak to the press.

One Baker resident, Manish Goyal '95, said he reacted with mostly fear and depression to the news of the stabbing. "This will definitely change the way in which I go about my life. ... Sometimes I study at the library late at night and then walk home. I'm going to be doing a lot less of that," he said.

"It is kind of scary if some place that you think is safe really isn't," said a junior who asked not to be identified. She said the stabbing probably wouldn't cause her to take more safety precautions, "But I will

probably try to convince my friends not to just walk around all over the place at night — a lot of them do without even thinking about it."

The last murder at MIT was at a 1987 party in the Student Center, when an argument erupted, and a party-goer, who was not affiliated with MIT, was stabbed. The most recent murder of an MIT student was in 1975, when John L. Asinari '76 and another student were beaten and stabbed after they tried to hitchhike a ride across the Harvard Bridge into Cambridge, Glavin said.

### Friends remember Raustein

Raustein, who transferred to MIT last year from a school in Norway, was an Aeronautics and Astronautics student who often worked by himself. Acquaintances described him as a quiet, friendly and well-rounded person who "usually had a smile on his face." Many Baker residents said they barely knew Raustein and that he spent much of his time with other Norwegian students.

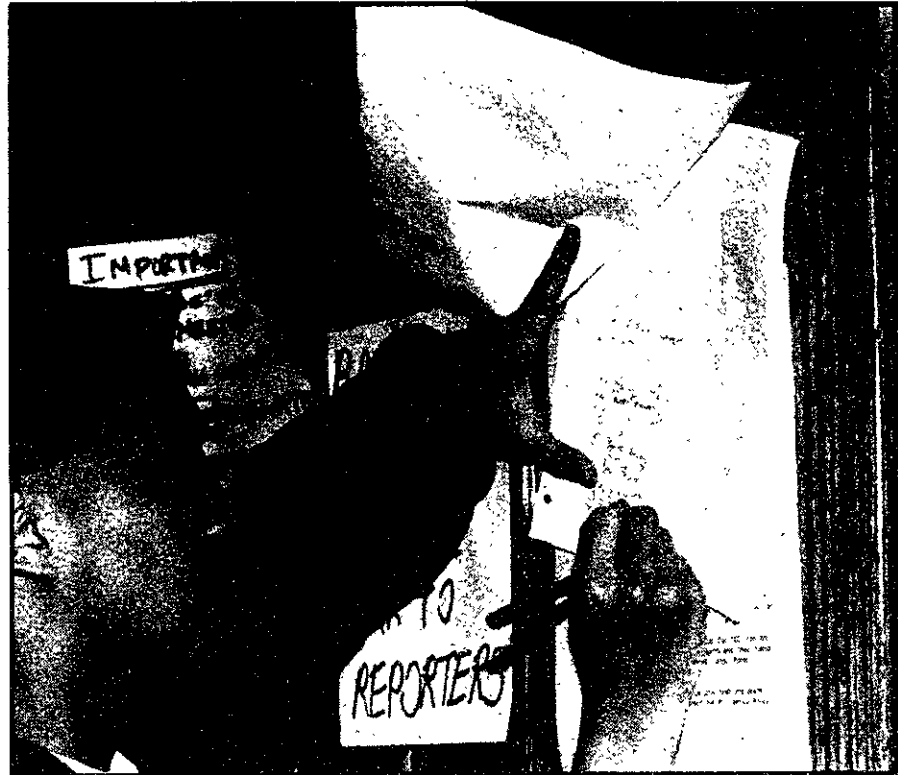
He was a member of the Lecture

Series Committee and Students for the Exploration and Development of Space. Raustein was also interested in photography, and worked as a bartender in Norway.

"He was a very outgoing guy, unusually outgoing, I would say," said Martin O. Szummer '94, a friend of Raustein's. "I took a Spanish class with him, and we were always telling each other jokes."

Raustein created some controversy last winter when he posted ethnic jokes to a computer discussion group. The jokes, which made fun of Jews, were deemed offensive by many users participating in the discussion as well as in a Feb. 4 Tech column by Jonathan E.D. Richmond PhD '91.

In a written statement, Vest called the murder a tragedy. "We mourn the loss of a promising student. That sense of loss is made a little greater because he was a visitor to our country," he said.



A Baker resident signs the petition calling for increased lighting along Memorial Drive and more Safe Ride vans. Similar petitions were posted in the Student Center.

## Students Concerned Following Stabbing

Safety, from Page 1

"Not much more is possible. A few more CPs around might help a little, but that's all," she added.

Ranjana Mitra '96 said she had thought she was relatively safe on campus, but now believes she had a false sense of security. She said the area seemed well lit and frequently patrolled by police, but she will now think twice before going out at night.

But not all students reacted with shock. Teldrow, who has lived in

the Boston area for a long time, felt Friday's stabbing was just a random event, but that the location made it seem much more threatening. "If it had happened somewhere else in Boston, people wouldn't care that much", he said.

"I was surprised, but not totally shocked," said Ethan A. Fode '96. He explained that in a metropolitan area like Boston, muggings and murders will occur, but that it happened just off campus makes it seem scarier.

## Baker Residents Meet, Discuss Campus Safety

Baker, from Page 1

where students were coming from."

"It's unfortunate it takes a tragedy like this to get people to talk about the concerns that they might have otherwise kept to themselves. ... I hope students do something about" improving safety, Schondorf added.

Students suggested shortening the 25-minute waiting time for Safe Ride, improving lighting along Memorial Drive, and putting extra telephone booths on Memorial Drive, the student said.

Tewhey agreed that Safe Ride needs improvement, and said that the administration will ask for student input. There will probably be further discussion on safety issues at future Baker House meetings, the student said.

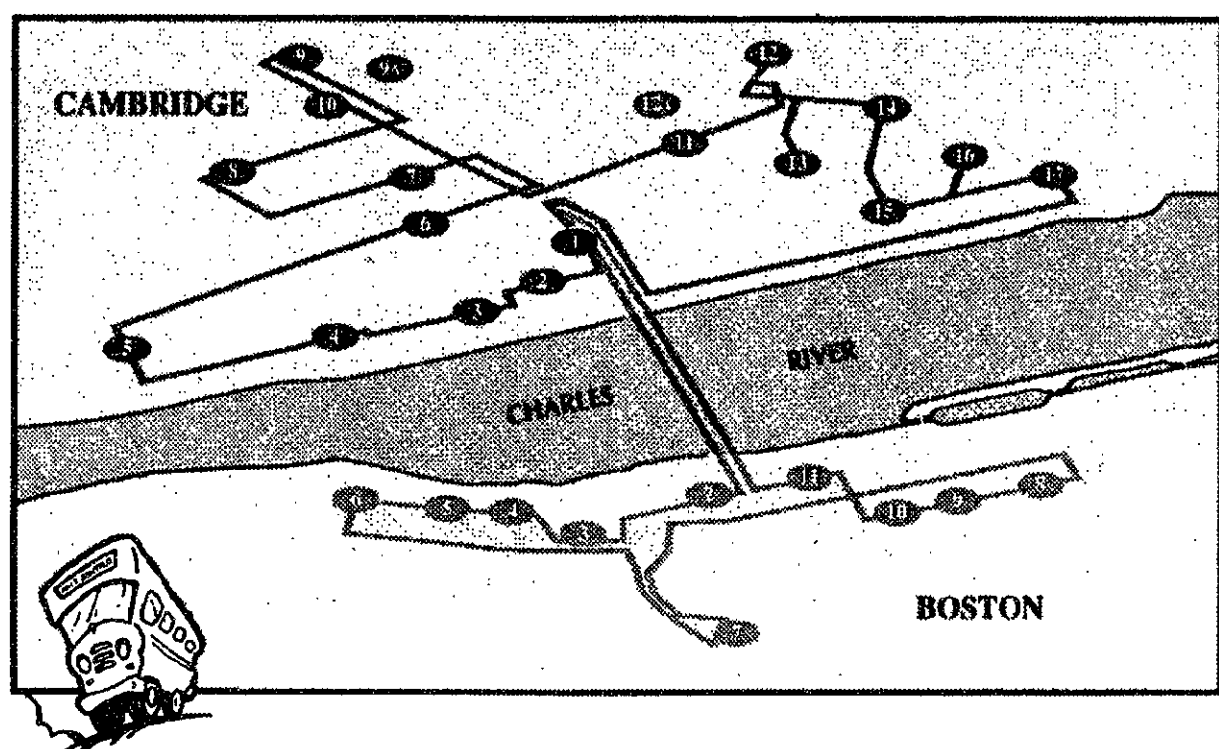
Another Baker resident, who

sometimes studied with Raustein, said, "I'm shocked. I think it's a waste. ... He was a promising young student." She added: "I don't think it's going to deter anything. We thought we were safe before."

Another Baker resident said that reporters and cameramen were outside the dormitory yesterday morning. Baker's front door is now locked 24 hours a day, he said.

David R. Blust '93, another Baker resident, confirmed that the dormitory's front door is now locked all day. It probably makes students feel safer, he said. Raustein's death "hit home that things could happen to anyone." Still, Blust felt that the danger was on the streets, not in Baker.

Kenway Louie '93, Baker president, would not comment on the situation.



# A Safe Ride

Campus Police operates two "Safe Ride" shuttle vans — one van is marked with the number 1 on front fenders, and the other with a number 2.

Van 1 operates on the MIT campus, stopping at 17 locations shown above. Van 2 operates to and from Boston fraternities. The departure point for the Boston stops is 77 Massachusetts Ave. Trips between Boston fraternities and other spots on campus require changing from Van 2 to Van 1.

For trips to fraternities in Brookline or to 69 Chestnut St., call Campus Police at 253-2997 and request the shuttle service. (The shuttle does not stop at these locations except by request.)

Save Ride operates seven days a week, every day of the year from 6 p.m. to 3 a.m. (4 a.m. on Fridays and Saturdays).

Currently Van 1 (the Cambridge shuttle) takes 25 minutes per trip, while Van 2 (the Boston shuttle) takes 35 minutes.

CAMBRIDGE SIDE of the Charles River		BOSTON SIDE of the Charles River	
1	77/84 Massachusetts Avenue Pick-up location for all trips to Boston as well as the stop for the main campus shuttles from W20, Berkeley, main group of academic buildings and W31	1	77/84 Massachusetts Avenue Pick-up location from main campus to Boston and Brookline
2	McCormick Hall Auldman House, Green Hall, Baker House, Kerger and the Chapel	2	528 Beacon Street (FC)
3	Burton House Buildings at 372, 400, 403, 405, and 407 Memorial Drive including Tennis Bubble and The Sun Club	3	also for 518 Beacon St. (FP1), 526 Beacon St. (DL), 530 Beacon St. (PK5), 532 Beacon St. (SC)
4	New House One The Sun Club, McCorgor House and West House	4	487 Commonwealth Avenue (FSK) also for 479 Comm. Ave. (AP)
5	Westgate High-rise West House, Tang Hall, Westgate High-rise, Solar House and West Parking Area	5	64 Bay State Road (TX)
6	Johnson Athletic Center by the Rockwell Center athletic facilities, W20, Kerger and the West Garage	6	111 Bay State Road (SH) also for 97 Bay State Rd. (PD1), 99 Bay State Rd. (EA), 119 Bay State Rd. (BTB)
7	NW10 also for buildings 12, 14, 16, 17, 21	7	155 Bay State Road
8	Pacific Street Commuter Lot	8	28 The Fenway (PH) also for 34 The Fenway (FH)
9	355 Massachusetts Avenue also for 351 Mass. Ave.	9	229 Commonwealth Avenue (PKT)
10	790 Main Street (as requested)	10	253 Commonwealth Avenue (TEP)
11	Random Hall also for 233 Mass. Ave. and The MIT Museum	11	32 Hereford Street (CP)
12	Building 34 also for buildings 36, 37, 38, 20, 24, 26, 41, 45 and 48	12	450 Beacon Street (PEP) also for 416 Beacon St. (DTD), 460 Beacon St. (MD), 484 Beacon St. (SA1)
13	NE43/545 Technology Square Technology Square and Draper Lab		
14	Albany Garage (as requested)		
15	Building 56/66 east campus buildings, E15 and East Garage		
16	50 Ames Street/E19 also for 17 and F18		
17	East Campus/Tennis Courts Buildings 14, 50, E16 and 20		
18	E23 Ramp (Medical) E75, E32, E34, E38, E19, and the Kendall "T" stop		
19	E51 Plaza E40, E51, E52, E53, E55 and E56		

Please Note  
259 St. Paul Street (E1) in Brookline, 58 Manchester Road (FB1) in Brookline, and 18 Chestnut Street (PKA) in Cambridge are not included in these shuttle stops. Students requesting a ride at these locations should call the MIT Campus Police at 253-2997 and request the shuttle service to these areas.

### Campus Emergency Numbers

Emergency (from campus phones)	100
Medical Emergency	253-1311
Campus Police	253-1212
Nightline	253-8800
Health Services	253-4481
Safe Ride	253-2997

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# OPINION

## Tragedy Spotlights Security Needs

The gruesome and unprovoked murder of Yngve K. Raustein '94 on Friday evening is a tragic act and a pathetic statement on the deterioration of our urban community. We extend to the Raustein family our deepest sympathies and can only feel shame for the misfortune that befell him while visiting our country.

### Editorial

But to call this vicious robbery and murder a chance occurrence would be wrong. The very fact that two male students walking through campus at 9:45 p.m. could be set upon by a gang of youths is a testament to the inadequacy of security afforded to members of the MIT community. Safe Ride has done little to improve safety, despite the good intentions of those who proposed it. Unfortunately, Safe Ride has continued to be plagued by incompetent organization and insufficient

funding. Instead of stopping at predetermined times at various spots on campus, it arrives randomly, forcing students to choose between walking or waiting for up to 20 minutes on the street for the van to arrive. A van which would arrive more frequently and at set times for each stop would be more readily used by students. Raustein and his companion might well have taken such a regular and reliable safety van.

We can only commend the Campus Police for their and quick response at the scene of the murder, and congratulate Boston University's police force on their diligence in capturing the three suspects. But that Raustein was assaulted at all is an admission of failure. The MIT administration must take a renewed interest in campus safety if it hopes to remain a respected institution of learning.

## LETTERS TO THE EDITOR

### MIT Must Improve Security

The latest assault of an MIT student does not indicate the dangers of living on an urban campus, but the insensitivity and lack of concern shown by MIT regarding safety. This was not the first time an MIT student was assaulted this year.

What surprises me is the effect such an incident has on the MIT community. Life goes on as usual, and no measures are taken to reduce the chances of such instances happening again. We at MIT pride ourselves on being some of the smartest people around, yet we exhibit no spectacular learning behavior after each incident. MIT needs to carefully examine the scenario and to find out what is under the control of the administration and the police department, to reduce the risk the students are exposed to.

I propose that MIT seriously consider the following:

- Ask students what measures can be taken to increase student safety on campus.
- Install bright lights along Memorial Drive and all other streets that students usual-

ly use late at night to shuttle between home and work.

- Increase the size of the Campus Police and increase the number of patrols, especially on deserted streets.
- Enhance Safe Ride to include areas that are not independent living groups.
- Start paid student patrols within living groups. Students know who lives in their building, and could be effective guards.
- Enhanced surveillance in the garages and all other areas with high incidents of theft.
- Install more emergency telephones throughout the campus.
- Give whistles to all MIT students to use in case of emergencies.

Wasiq Bokhari G

### Party Poster Letters Miss the Mark

I must reply to the two responses to a letter by Charles E. Robin '92 that appeared in *The Tech* ["Party Poster Obscene," Sept. 11]. The letters concerned a GAMIT party poster depicting two nude women engaged in sexual activity.

I have never seen the poster in question, so perhaps I am not the best judge of its acceptability. But to assert, as Rebecca Widom '94 does in her letter ["GAMIT Poster Misunderstood," Sept. 15], that the poster is acceptable because a lesbian drew it is grossly false. No one has the right to portray other members of his or her group in a potentially offensive manner. Where a question of pornography or "good taste" applies, the standards are the same regardless of the publishing party.

I found Robert J. F. Messier '93's letter ["Poster Does Not Objectify Women," Sept. 15] particularly upsetting. He claims that Robum's use of the word "obscene" implies that Robum considers lesbianism "depraved and evil." This assumption was improper.

The question must be asked whether the use of possible pornographic material was justified. Since at least one person objects, and since there is no reason to believe that his objection stems from anything other than an abhorrence for the public display of pornography, the poster, and others like it, should not be put up in the future.

Jonathan Katz '96

## New Safety Awareness Needed on Campus

Column by Bill Jackson

OPINION EDITOR

When did you first find out that one of us was gone?

A friend of mine was getting in the elevator at Baker House when he saw the sign for the meeting yesterday morning. A graduate student I know found out from a poster outside his lab. Another friend saw it on the front of the *Herald*.

I turned on the radio yesterday morning to hear the news. In between a story about defrocked psychiatrist Margaret Bean-Bayog and another about Europe's currency troubles, the announcer told me that one of us had died.

One of us. MIT isn't known for the camaraderie among its students, but we all have a basic understanding of each other. Like all of us, Yngve Raustein '94 had pulled all-nighters. He had trouble with a difficult class. He worked hard and, in another two years, he would have received a degree.

He was, police district boundaries notwithstanding, on campus. It was 9:45 at night, not 2 in the morning. He was with a friend, not wandering alone. These three facts make the incident all the more frightening.

Up until now in my stay at MIT, I've been able to explain away most of the violence committed against students. "That's what you get for wandering up to Central Square at night," or "No wonder, considering that she was alone in the Fens at 3 a.m." But that doesn't work here. There is no easily found mistake in this case.

Raustein was on Memorial Drive, not on the river side, on the MIT side. He wasn't in one of the desolate, dark parts of the sidewalk, down on West Campus. He was right outside the library, a place most of us have been late at night at least once in our stay at MIT. It didn't quite happen inside our "campus boundaries" this time, but it's knocking on the front door.

And it certainly wasn't a ridiculous hour of the night to be out there. At 9:45 p.m. on a Friday most people are on their way to parties, ready to spend a few hours across campus or across the river before trekking home in the early morning hours, when it's "really" dan-

gerous.

Finally, and I think most significantly, the victim was not walking alone. The attack on him and his male companion proves that it's time to get rid of our stereotypes that the lone female is the only person in danger on the streets around campus. A couple of guys just aren't supposed to be attacked. Right?

There is simply no way to write this one off. Yngve Raustein didn't make any obvious mistake, no error in judgment regarding the rules we have to live by on our urban campus. What has happened, as I realized the moment I heard about the incident on the radio, is that the rules have changed.

Sadly, it takes the loss of one of our fellow students to find this out, but now that we know the rules have changed, we have to start playing by them. Many suggest that MIT should be doing more for the safety of the community, and I agree with many of the suggestions, including a large-scale expansion of Safe Ride, better street and walkway lighting, and increased Campus Police foot patrols.

However, I would emphasize the approach we can all begin using right away; changing

our own habits. The Harvard Bridge is *not* a safe place. Memorial Drive is dangerous. Even relatively innocuous-seeming areas, like the crosswalk at 77 Mass. Ave., attract a crowd of off-campus types late at night. Until campus safety measures can be vastly improved, MIT students would be wise to do what they despise the most: alter their schedule to better fit the daylight hours. *Carpe Noctem* is a fine motto, as long as you don't wander out into the night after seizing it.

Many people, particularly men, have said to me over the past few years that they were perfectly safe walking over the Harvard Bridge for a late-night "Tower run" or such. Those days are gone, not only for the stereotypical "lone female student," but for all of us. While the MIT, Boston University, and State Police did a fine job responding to this tragedy with speed, the fact is that the rapid response and subsequent capture of the assailants won't bring a fellow student back.

I beg each of you to use your head and play by the new rules. If we all learn this lesson, well, that's the only possible good that can come from Friday night's tragedy.



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