4 Robberies Part
Of a Crime Wave

By Nicole A. Sherry

The four on-campus street robb-
eries this week equal the total
number of reported robberies in
1993. Campus Police Chief Anne F.
Glavin does not think the crime
wave is targeted directly at MIT,
but is part of a city-wide problem.

In response to the recent inci-
dents, Campus Police have increased
security measures, while students ap-
ppear to be relatively unconcerned.

There were three separate re-
ports of on-campus robberies this
past weekend. A fourth robbery
occurred at 2:30 a.m. Tuesday at the
Amherst Alley entrance of Ash-
down House.

The assailant approached the vic-
tim, held a knife at his side, and
snatched the victim's wallet. When
the victim replied that he did not
have a wallet, the suspect searched
the victim and removed $4 cash. The
suspect then fled to Massachusetts
Avenue. The victim was unhurt.

The victim described his assailant
as a black male, 5 feet 9 inches
tall, about 20 years old, and with a
thin build. The assailant was wear-
ing a hooded sweatshirt.

These four crimes are the first
reported on-campus robberies of
1993. They equal the total number
of reported robberies last year,
which included one armed robbery,
on attempted armed robbery, and
two unreported robberies, according
to Glavin.

Robbery, Page 6

More Sophomores
Select Course VII, X

By Lawrence K. Chang

More sophomores than ever
before are majoring in biology and
chemical engineering, according to
the Office of the Registrar's annual
report on the sophomore's declara-
tion of majors.

The results, released earlier this
month, also show that the electrical
engineering and computer science
department and the mechanical
engineering department continue to
draw the most students, though the
mechanical engineering depart-
mund saw a large drop in enrollment.

Despite the new trends in the
individual departments, the number
of sophomores enrolled in the School
of Engineering and the School of
Science generally deviated little from
past classes.

The School of Engineering cap-
tured the greatest student interest
once again. Roughly 62 percent of
the sophomores declared an engi-
nering major, compared to 60 per-
cent last year and 62 percent the
year before. As in the past two
years, 23 percent of the sophomores
declared a major in the School of
Science. Over 3 percent declared a
major in the School of Humanities
and Social Science, about the same
as the last two years.

ECEC continues to be a big draw.
The electrical engineering and
computer science department con-
tinues to grow, staggering 327 stu-
dents.

Majors, Page 9

RCA to Examine Student Group Accounts

By Hishl Shrivastava

STAFF REPORTER

Because many student groups have
been operating with negative fin-
ancial balances, the Office of the
Dean for Residence and Campus
Activity has initiated efforts to help
maintain balanced budgets. However,
the Undergraduate Association Financial Board,
the other source of student group funding, is
not taking similar measures.

Some student groups receive money from two sources for
outside funding: the RCA student activity account and the
UA Finance Board. The two offices work separately in
determining funding allocations.

In order to improve communication
between the two offices, Finance recently
moved its office from the fourth floor of the
Student Center next to the RCA office on
the fifth floor.

In the RCA's view, student groups that are
financially responsible are not
financially responsible because all of the
money RCA allocates is pooled into one
account, according to Susan D. Allen, adviser
to student activity groups.

RCA requested an audit

By Lawrence K. Chang

The audit revealed that many student groups
run negative balances. Allen would not say how
many groups maintained negative balances be-
cause the groups are currently in financial
transition. Several groups that ran deficits are
unaware of their financial liabilities, she added.

The student activity account is entirely sep-
ate from Finance. It is comprised of money
obtained from off-campus donations, donations
from Institute departments, fund-raising, and
various other sources.

RCA gives this money as a "temporary advan-
cement," which the group must pay back in full after it completes its fund-raising activi-
ty. Allen said. For example, if a group needed
money to hire a band for a fund-raising con-
cert, RCA would loan them the money. The
student group would then be expected reim-
burse RCA.

RCA is helping student groups exercise fis-
cal responsibility by advising them on how to
maintain at least zero balances, Allen said.
"The goal is for everyone to work in a positive balance," she said.

RCA also plans to inform groups when their
fund-raising efforts are ineffective because
groups need to know when their fund-raising
efforts are not paying off.

Finances, Page 6
Somali Warlord Says New U.S. Policy Will Rekindle Strife

By Robert Leo Holt

Los Angeles Times

In the beginning, the superconducting super collider was a 4-page proposal to build a billion-dollar facility to make the universe safe and secure. Today, it is just a proposal to build a billion-dollar facility to make the universe safe and secure.

Scientists and policy experts say the determination to kill the $1 billion collider is the beginning of a decade-long debate over the size and scope of federally funded science projects like the space station, the human genome project, the Large Hadron Collider, and the Stanford Linear Accelerator Center. The Stanford project is still under construction, and it will cost $237 million "asymmetric B-factory" accelerator to reach the Stanford Linear Accelerator Center. The STafF project is in the works for a conference from congressmen next month.

Throughout the last decade, the federal government promised scientists for an unprecedented array of expensive instruments. New projects planned during the 1980s for completion in the 1990s totaled $6 billion in construction costs, with the annual budget request for the projects. After a protest against the entire annual budget for the National Science Foundation, the administration has cut programs, found, and accidents, such as the recent disaster at the Stanford Linear Accelerator Center, help turned such efforts to expand the frontiers of science and technology. Scientists have voiced concern about the incompetence, congressional scientists and policy experts say for an unprecedented array of expensive instruments.

But most importantly, it made the decision to kill the collider in a tightening in a era of retrenchment for the country.

It's obviously energetic budget cutting," said George E. Brown Jr., a member of the House Space, Science and Technology Committee. "But there are other economic development of the country in a very broad sense.

You have a majority (in Congress) who weren't even around before and aren't interested in a high priority target for them," Brown said. "A project that takes 20 years to get going even in a Congress that has no collective memory.

The decision to eliminate the supercollider, however, may free up money for other projects, including the Stanford project. Jack Storky, who gave up a prestigious jet in Boston to become a supercollider supporter, and John C. Dickey, a former supercollider Laboratory in Develo, about 20 minutes from Waxahachie, spoke emotionally about 53% which was to be used to the next fundamental building blocks of matter.

There's no question we thought the next big thing to happen in the future was going to happen in the future. It's a lot of people are frustrated about the next steps.

Jim Siegrist, a senior physicist at SSC, quit his job as a professor at the University of California at Berkeley and moved to Texas two years ago with his family to live closer to the two elementary-school-age boys.

We knew that you had to get future funding. You had to make sure the nation's economy was going to be in a position to build a new generation of nuclear weapons. And we made a commitment to build in 1990 and it seemed implausible they were just going to sit on their younger production line. We made a commitment, he said. "I wasn't going to waste my time if I knew (they would).

"Now we've got to pull up and go on and get more of our work done," he said. "We can do that.

Other members of the audience were more optimistic about the commercial value of the SSC, Christopher wound warm appreciations.

Still, the episode reflected a larger problem with how the administration has handled Christopher and his aides: to make the case of why it wanted to cancel the project, they consider "big issues," their difficulties in small countries get what they want.

When Rep. Frank McCluskey, D-Ill., called for Christopher's resigna- tion earlier this week, they didn't dis- missed the idea — and comprised virtually that television networks had even mentioned it in their news- cast.

Christopher should get a better reception here. The Clinton admin- istration has been outlining major interna- tional aid efforts amounting to more than $43 billion in pledges and secured by Yeltsin earlier this month as he disarmed his Parlia- ment and sent troops to blast his opponents out of their headquarters.

Christopher was scheduled to return to Moscow today to meet with Russian officials and was hoped to be able to learn about plans for the election, which U.S. officials openly worry might return to power.

Christopher's visit is expected to help him learn about plans for the election, which U.S. officials openly worry might return to power.

Christopher visited Moscow this week and was due to return today. Christopher's visit is expected to help him learn about plans for the election, which U.S. officials openly worry might return to power.
Scientists Discover Gene Linked To Aggressive Behavior in Humans

By Sheryl Silberg

MADISON, October 22, 1993

Two decades ago, a Dutch schoolteacher, troubled by a pattern of violence among his male relatives, took a blood sample from a cousin who married in 1978. He concluded that his male relatives had to be suffering from an inherited mental disability. Pretending to be a diagnostic outsider, he then wrote up his notes under the title "A Curious Case.

But Friday, his "curious case" earns a place in the annals of science, as a study of behavior implicates a genetic marker linked to violence and mental illness.

The teacher has long since died. But, Friday, his "curious case" earns a place in the annals of science, as a study of behavior implicates a genetic marker linked to violence and mental illness.

By Sheryl Silberg

The study could, by contrast, shed light on the link between biology and crime and contribute to the debate over the role of genetics in criminal behavior. It may, for example, help determine whether a crime committed by a person with a genetic abnormality could be considered a mitigating circumstance.

The study also could lead to new approaches to criminal justice. For example, it could help identify individuals who are at risk for developing certain disorders or who may be more likely to respond to certain treatments.

The study could also have implications for the way societies view and treat mental illness. For example, if a genetic marker is found to be associated with violence, it may be possible to develop new interventions to prevent or reduce aggression.

But the study raises ethical questions as well. For example, if a genetic marker is found to be associated with violence, it may be possible to develop new interventions to prevent or reduce aggression. But the study raises ethical questions as well. For example, if a genetic marker is found to be associated with violence, it may be possible to develop new interventions to prevent or reduce aggression. But the study raises ethical questions as well. For example, if a genetic marker is found to be associated with violence, it may be possible to develop new interventions to prevent or reduce aggression. But the study raises ethical questions as well. For example, if a genetic marker is found to be associated with violence, it may be possible to develop new interventions to prevent or reduce aggression.
If an Intl HEIL trial or confirmation hearings would be needlessly repeated. Even if the bill had little topic, many senators and representatives are notorious for taking immeasurably pleasant in listening to the sound of their own voices. However, there is one exception.

One irrational concern raised by Cole is the fear of losing more American lives. The concerns raised by Cole are not baseless and he has informed many lawmakers about the public consequences of the measure. But, why do they really realize you can’t have your cake and eat it too — that armed action has a certain risk, however.

America has lost much fewer soldiers in the peacekeeping missions than other countries. Since 1945, less than 30 American soldiers have been killed in peacekeeping operations, compared with over 1,000 in other nations. U.S. forces make up only 5 percent of the UN peacekeeping force in any potential international crisis: an outbreak of violent conflict in Pakistan or any other potential international crisis.

President Power Must Come First

Enforcement of Death Penalty Required

Opinion

Column by Michael K. Chung

Many people will agree that the criminal justice system in the United States is nothing less than a joke. Why is that a criminal can kill twenty, wait for about a year before going on trial, plead an excuse such as “being under the influence of drugs,” or “temporary insanity,” as he postpones the time to die and be released? Obviously, there are many aspects of the trial procedure which allow for an individual to be acquitted. So, the system is imperfect.

For some cases, this is beneficial, as a death penalty may be seen as too severe. On the other hand, many people, the criminals and the lawyers, take advantage of the leniency of the justice system in the cases of death, making their lives potentially better, while the victims have no choice but to face the consequences of the other actions. As a result of such attitudes and actions of our society, I feel that the death penalty must be struck down and enforced so that violent crime can be deterred. It is a stronger deterrent than a prison system.

Michael J. Funklin '98, Eric Rickard '97

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Page 4 THE TECH October 22, 1993

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Column by Daniel Stevenson

COLUMN

When an urgent international crisis arises it is important that the president be able to take whatever American action is necessary and appropriate. Such action has been necessary on more than one occasion, and one source, with communications and diplomatic assets, has been the president. With the current system of checks and balances, the president in his role of supreme commander could authorize American intervention in such situations. As a result, the president could authorize American intervention in such situations.

Death Penalty Required

Death Penalty Required

COLUMN

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Citizens Must Realize Consequences of Their Actions

Chung, from Page 4

as well as the fact that the pris ons are overcrowded. However, it should not be overlooked that often, criminals are given suspended or shortened sentences because prisons are overcrowded.

Fundamentally, it is unfair for a person to take someone's life without just cause, and merely go to jail for it. Take the case of Shon McHugh. He killed another human being. McHugh was repeatedly under the influence of alcohol and/or marijuana. He and his two friends accosted Yngve K. Raustein '94 and Arne Friedheim G. The rest of the story is history. If someone does something, he is obliged to do so repressively, and realize and handle the consequences. Assuming the report to be true, McHugh was under the influence. Anyone who smokes, drinks, or takes drugs ought to realize that he is responsible for his behavior afterwards. McHugh stabbed Raustein. By carrying a knife, McHugh took the responsibility of arming himself, and by using it, McHugh shouldered the accompanying responsibilities.

Did McHugh realize the potential implications that smoking, drinking, and brandishing a weapon before doing so that evening over a year ago? Before he set out that (or any other) night, he, like any other human being, should, if that person can't handle the responsibility, then he shouldn't begin in the first place. Put another way, "If you can't stand the heat, get out of the kitchen."

McHugh was tried as a juvenile (he was not yet sixteen years of age at the time of the incident) without a jury. He was sentenced to twenty years in prison. He is scheduled to not yet sixteen years of age at the time of the appellate court. If anyone can't handle the responsibility of arming himself, and by using it, McHugh shouldered the accompanying responsibilities.

Another case reveals the atrocities of human behavior. On Oct. 11, a 15-year-old Rochester boy killed his parents and his 11-year-old sister with a handgun. According to The Boston Globe report, Gerald McCra stole his grandfather's handgun, murdered his mother in the kitchen, and then his father and sister who were in the car, ready to depart for a birthday party. All were shot in the head. McCra then drove the corpses to the nearby woods. When the police came, McCra "led them from a bloody hallway to two windows broken from the inside, suggesting that burglars had masked the house."

So far, no trial dates or conditions have been announced. Even then, what good will a trial do? McCra is known to have a history of misbehavior and bad family relations. Nothing can be done to bring back his mother, father, and sister. McCra obviously acted in an irresponsible manner. Although it may (and probably will) be argued that McCra is too young to know what he was doing, that no one would have guessed that he would have done something this extreme, that he can still be reached out to, it seems silly to pursue such arguments. He killed three human beings. He was related to them. It is said that he had problems with them. He is reportedly under treatment for hypersensitivity and his medication apparently is charged as contributing to violent behavior.

If he is not sentenced to death, he will probably be issued a sentence similar to McHugh's — go to jail for a long time, if not the rest of his life. Is it worthwhile to keep anyone in jail for sentences of such duration? McHugh and McCra will undoubtedly be subjected to the harsh realities of prison life, and what kind of future will be ahead of them if they are released in twenty or thirty years? Quality of life after prison is not the issue though. It is terribly inefficient (in fact, wasteful) to incarcerate someone for so long. Current conditions are not the issue either. The simple issue is this — these criminals murdered their fellow human beings. Although there are many cases in which the death penalty is of questionable use (e.g. domestic violence, self-defense), some scenarios definitely warrant the expedient use of the death penalty. By backing down on such discipline, several things may happen. First, criminals will get what they deserve in the context of this piece. Secondly, justice will be better served for the victim. Someone from Baker House (where Raustein lived) said that since McHugh was found guilty and will serve twenty years in jail, "Justice is served." To me, for justice to be served completely, McHugh would have to be walking with a friend and attacked the same way he attacked Raustein. That way, he can experience the same emotions, fears, and results that Raustein may have experienced. I feel that all such criminals should experience what they put others through. Obviously, this is not at all feasible. The use of the death penalty would come closer to equalizing the issue than current jailing practices do.

Of course, there is the argument that these people deserve another chance, that they are still good for many things. I believe that they have already had their chances. If people followed the Golden Rule and thought about whether or not they would want the same thing to happen to them, much crime would probably not occur. By punishing people quickly and seriously, potential criminals may think again before committing a crime. Awareness of the consequences is not to be interpreted as a fear, but rather, as a more effective way to deter people from the life of crime, whatever its form.

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Rash of Crime in City Includes MIT Campus

Robbery, from Page 1

In reaction to these incidents, Campus Police have increased police patrols during the late night hours and have requested additional aid from the Cambridge Police Department to patrol the perimeter of campus.

"We did this to create greater visibility and [hopefully to] appease the victims and [to] assist from the Cambridge Police Department to patrol the perimeter of campus.

Glavin said.

Visibility and appre...ble from the Cambridge Police Department to patrol the perimeter of campus.

They believe the recent crime wave is not confined to MIT but is Cambridge-wide.

The victims in other Cambridge robberies which occurred between Oct. 11 and Oct. 18 report assaults of similar descriptions and similar robbery methods. The police depart...s by looking for matches among the victim's accounts.

These other incidents include two robberies involving a knife, one at 9:55 p.m. Oct. 11 at the Kendall Square MBTA station and one at 10:30 p.m. Oct. 16 on Langdon Street.

There was one robbery where the assailant wielded a blunt object at 7:50 p.m. on Oct. 18 in a Stop and Shop parking lot.

Glavin says students be more cautious when traveling on campus and in the Cambridge area. "When students are out and about they need to be cognizant of recent crime," especially in the late night hours.

Glavin said.

Students, on the other hand, do not feel compelled to change their daily routines, although some have said that these crimes have heightened their awareness. Many have already become more cautious due to last year's murder along Memorial Drive and do not intend to adapt further.

However, students are generally surprised by the crime on Amherst Alley, which they previously considered a safe area. "I shooked me a little a bit. I always thought I was pretty safe on Amherst Alley. Last year [crime] was more shocking, but this year I am more scared to it," said a senior at Burton House.

Sarah Y. Keightley contributed to the reporting of this story.

Grad Students Want Resnet

Resnet, from Page 1

Athena dishup, which is slow and limiting, he added.

"I think that there are severe lim...itions to dial-up," said John C. Baker Jr. G, co-chair of the UCS, "Thisdishup, which is slow and limiting, he added.

Our informal feeling from GSC meetings is that a lot of graduate students would like to see and would make use of a link to Athena," Baker said.

Satsavalo S. Papa Roro G agreed. "I see Athena a lot. Programs like Matliah are especially necessary for small research groups that can't afford to buy it themselves," he said.

although a survey focusing on the Resnet issue will not be conducted for three or four weeks.

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The Samaritans

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**THE TECH**

**Page 7**

**October 22, 1993**

**Vest Announces Institute Goals at Faculty Meeting**

By Eve May (Scribbler)

President Charles M. Vest outlined the Institute’s priorities over the next three years and the faculty's role in a faculty meeting. In light of the projected budget deficit, Vest, who is the critical element of the plan to restructure and reduce the number of employees and associated administrative functions, has stressed the need for increased productivity.

"I think we face the challenge despite all of these problems ... to maintain a strong moral and a sense of common purpose, that we fill up our shelves, and do what we must do in deal with the growing imbalance in our operating budget," Vest said.

Vest said he would like to reduce the operating deficit by $40 million by the end of fiscal year 1997.

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**M.I.T. President Charles M. Vest**

percent budget reductions per year for fiscal years 1995 and 1996 in the provost's budget areas. This will not be an across-the-board cut, but specific cuts that total 2 percent. Vest outlined these problems and possible solutions, but he emphasized that these are only sample solutions and not necessarily finalized.

- His goals for the next three years include: maximizing MIT's position as the leading academic institution focused largely on science and engineering; maintaining flexibility to develop new educational and research opportunities; maximizing merit-based and need-blind admission; moderating the rate of growth of tuition and self-help levels, keeping faculty and staff salaries competitive; and maintaining faculty salaries.

- In addition, Vest emphasized the importance of a diverse faculty, staff, and student body and of improving the efficiency and value of services the Institute provides.

**MIT must do with smaller work force**

In an effort to reduce the budget deficit, MIT will have to work more effectively with a smaller work force, in terms of faculty, staff, undergraduate, and graduate students, Vest said.

- He hopes to reduce the number of employees by about 400 over the next three to four years and restructure support and administrative functions. The restructuring plans call for the consolidation of the administrative functions of the School of Architecture and Planning, the School of Humanities and Social Sciences, the Sloan School of Management, and the Whitaker College of Health Sciences and Technology.

- Vest also recommended was 5 percent reduction in faculty over 10 years, and reduction in the number of visitors at MIT. There are currently over 1000 visitors, according to Vest.

- In addition, Vest said he would like to reduce the average salary growth for all employees for the next three years. MIT is not done, though, and "virtually every institution has been growing very slowly."

- Vest said he would also establish programs for center counseling, outplacement, and retaining, and possible severance inducements.

- For students, graduate enrollment will also decline by 10 to 20 percent, in part because of changing government rules for indirect costs of education.

- "We are simply not going to be able to support the same number of [research assistants] and [teaching assistants] as before," Vest said.

- The quality of education for students may be enhanced over the years because the same resources will serve fewer students, he said.

- Undergraduate enrollment probably may the same, because the Institute cannot house more students, he said.

- Vest recommended reducing the amount of unrestricted funds used for student financial aid to 15 percent of tuition revenue.

- Currently, about 20 percent of the unrestricted funds available each year are used to support financially needy students. The 20 percent rate is "a warning sign that we are having difficulty meeting that," Vest said.

**Institute services will be affected**

In addition to cutbacks in personnel and students, some services may be affected, including applying indirect cost rates to health care funding, and charging fees for medical services for non-MIT employee members.

"The Institute may also start charging people for the use of parking facilities. This is certainly not something we want to do," Vest said, but MIT is one of few institutions which offers free parking.

Another possibility is the remuneration of student services like the Office of the Dean for Undergraduate Education and Student Affairs, housing, and financial aid.

**M.I.T. Emergency Numbers**

- **M.I.T. Campus Police**
  - 700 - 8:30 p.m.
  - Roger/Stratton Room

**Date:**

- **Thursday, October 22, 1993**

**Place:**

- **The Charles Hotel**
  - Cambridge
  - Corner of Broadway and Third St.
  - Ballroom

**Time:**

- 6:00 - 8:30 p.m.

**Topic:**

- General discussion of our firm and its work

**McKinsey & Company, Inc.** is interested in interviewing M.I.T. Ph.D. students, Postdocs, as well as M.S. students with at least 3 years work experience for full-time associate positions. Candidates should have outstanding record of academic achievement, exceptional analytical and quantitative skills, strong communication skills—both written and verbal—and the ability to contribute collaboratively to a team environment.

Background information on McKinsey will be available at the presentations and at the Office of Career Service and Preprofessional Advising. Information on how to apply for a position will be provided at the presentation, or you may contact:

- **Elizabeth DeBartolo**
  - 55 East 52 Street
  - New York, NY 10022
  - (800) 221-1026

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GEMINI

the art of success

Worldwide Leaders in Business Transformation™

We invite all seniors to join us for a presentation on worldwide career opportunities in management consulting on Thursday, October 21, at 5 p.m., in Room 4-159. A reception will follow.

For more information, please contact:
Sedef Buyukaran
(617) 491-5200
Sophomore Major Selection Statistics Are Released

The numbers for the year 1993-94 are compared to the numbers for the year 1992-93.

<table>
<thead>
<tr>
<th>Major</th>
<th>'93-'94</th>
<th>'92-'93</th>
<th>'93-'94</th>
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<tbody>
<tr>
<td>Civil and Environmental Engineering</td>
<td>31</td>
<td>38</td>
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<tr>
<td>Mechanical Engineering</td>
<td>145</td>
<td>163</td>
<td>126</td>
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<tr>
<td>Materials Science and Engineering</td>
<td>39</td>
<td>47</td>
<td>35</td>
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<tr>
<td>Architecture</td>
<td>31</td>
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<tr>
<td>Chemistry</td>
<td>42</td>
<td>46</td>
<td>33</td>
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<tr>
<td>Electrical Engineering and Computer Science</td>
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<td>301</td>
<td>327</td>
</tr>
<tr>
<td>Biology</td>
<td>72</td>
<td>75</td>
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<tr>
<td>Physics</td>
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<td>75</td>
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<tr>
<td>Brain and Cognitive Sciences</td>
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<td>11</td>
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<td>Chemical Engineering</td>
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<td>99</td>
<td>123</td>
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<tr>
<td>Urban Studies and Planning</td>
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<td>5</td>
<td>4</td>
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<tr>
<td>Earth, Atmospheric, and Planetary Sciences</td>
<td>3</td>
<td>1</td>
<td>3</td>
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<tr>
<td>Ocean Engineering</td>
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<td><strong>1101</strong></td>
<td><strong>1079</strong></td>
<td><strong>1143</strong></td>
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</table>

Professor Michael C. Mohr, undergraduate officer of the chemical engineering department, explained that the number of chemical engineering majors had "waned around for nearly 10 years," and then increased for the past three.

Mohr attributed the increasing interest in Course X to the range of opportunities that chemical engineering offers. "I think that students are starting to realize that chemical engineers enjoy a very broad [job] market," he said.

Mohr said that the growing size of the department in the past few years has caused the sophomore laboratory classes to become slightly overcrowded. However, there have been no serious consequences, he said.

Part-Time Microsoft Windows Developers Wanted

Softbridge is looking for Computer Science majors to work on a highly visible Microsoft Windows application. Candidate should have experience in C and the Windows SDK. Additional experience with YACC and compiler development is helpful.

Softbridge is located 3 blocks from the Alewife T Station. It is a great working environment. You will have private space, a 25-cent soda machine, and free use of the video machines.

Hours are flexible. A minimum of 8 hours per week on-site is required. Additional off-site work may be possible. Our rates are excellent for the right individuals.

Contact: Kathy O’Connell at Softbridge, Inc. 125 CambridgePark Drive, Cambridge, MA 576-2257 ext. 273.

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Children’s Skating Lessons

Registration is open for MIT community children’s skating lessons (ages 6-12 yrs) to be held on Saturday mornings in the Johnson Center Rink beginning October 30. Classes are scheduled for October 30 November 6, 13, 20 December 4, 11, 18.

There is a $35 registration fee ($25 with an MIT athletic card) for each child enrolled in the classes, payable at the time of registration. Registration forms are available at the Physical Education Office W3-122 or at the Equipment Desk in the lobby of the DuPont Athletic Center. For further information, call x-4291.

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The largest sperm bank in the United States is looking for donors.

The goal of the Cambridge California Cryobank, Inc. is to provide high quality sperm for artificial insemination.

Requirements include good health, between the ages of 19 to 34, and a 9 to 12 month commitment.

Call for more information: 497-8646

COMPLETE MEDICAL SCREENING (ALL COSTS PAID) AND YOU EARN UP TO $105/WEEK IF QUALIFIED

---

EVER BEEN FEARFUL? AFRAID? SCARED?

"SPELLBINDING. ASTONISHING. Bridges’ portrayal ranks with the year's finest. 'Fearless' soars."

– Peter Travers, ROLLING STONE

FROM THE DIRECTOR OF 'WITNESS' AND 'DEAD POETS SOCIETY'

JEFF BRIDGES

FEARLESS

Be fearless! Receive a FREE PASS to a special preview screening of FEARLESS. Write us (in 10 words or less) what you fear the most and bring it to the M.I.T. Tech Office(Student Center #483, between 3 & 5PM) to pick up your free pass. Hurry! While supplies last!

FEARLESS opens in Boston on October 29!

The Tech is not affiliated with this promotion
**THE ARTS**

**Nightmare displays spectacular animation**

**THE NIGHTMARE BEFORE CHRISTMAS**


By Joshua M. Andresen

A

though several Christmas movies are put out every year, Halloween movies are not many. This year, however, fans of the spooky and the scary are in for a treat as well as a few tricks with Tim Burton's 'The Nightmare Before Christmas.' The animation of the film is incredible, as are the characters, though sadly this level of excellence is not matched in the writing and the music.

Set in a land where each holiday has its own world, Nightmare gives the account of Jack Skellington, the leader of Halloweentown. Tired of exporting Halloween every year to the "real" world, Jack wanders through the forest with his ghost dog Zero searching invain for a new direction. As he broods, he stumbles into Christmastown, where he is enraptured by the colors and the joy and everything else he sees. He decides a career change for him is in order as he starts making plans to deliver Christmas this year. His plan includes kidnapping "Sandy Claws" so that he himself may deliver all the toys made for him by the ghouls and goblins in Halloweentown. Unfortunately, his good intentions do not translate into a successful Christmas, as the toys delivered are perhaps more appropriate for the naughty than the nice. This is further complicated by the fact that the Evil Oogie-Boogie wants to eat poor Mr. Claus for dinner. In the end, though, all works out and Christmas is saved.

The making of this film is the impressive animation. The movements of the extremely lank Skellington are impossibly graceful as he dances across the screen in his fits of jubilation. Indeed, the graceful movements of Fred Astaire were studied in the choreographing of Skellington's steps. The range of facial expression for the puppet Jack Skellington is also staggering. The number of heads crafted for him numbered almost 800 through the production of the film.

The breadth of the project is impressive as well. The film casts 130 individual characters and the various scenes employ as many as several dozen puppets, each moving in harmony and independently. It is easy to forget at times that Nightmare was painstakingly filmed in stop-motion, with fourteen animators producing only 60 seconds of animation in a full week's work.

Tim Burton's characters is the aspect that makes this film truly entertaining. Skellington's naivenullitude endears the audience to him even in his blunders. Leading lady Sally is a patchwork dollbride of Frankenweenie who patiently tries to win Jack's affection while trying to keep him from going to far in his attempt to take Christmas over. The Evil Scientist, Sally's creator, is happy to help Jack out in creating his mischievous tricks. The film casts 74 individual characters, and the various scenes employ as many as several dozen puppets, each moving in harmony and independently. The plot moves straight ahead, plodding along to the inevitable conclusion. Several side themes might have been explored, but were ignored instead.

The original music and lyrics by Danny Elfman were not so ignored, either. Though several dozen pop songs and minor tonalities may be appropriate to a Halloween movie, the inconsistent use of similar melodies is none the less boring. Fortunately for Elfman, the excellent animation saves the musical scenes with the inspired choreography.

Despite the flaws, Nightmare remains a very entertaining film. The hilarious scenes of the children opening Halloweentown toys are worth the price of admission by themselves, and some in which Oogie-Boogie sings to Santa Claus under a blacklight (a powerful effect) is exceptionally well. Quite the "treat" for Halloweens.

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**Graduate Fellowship Applications**

The Following Graduate Fellowship Applications for 1994-95 are available in the Dean of Graduate School Office, Room 3-138. Please check the applications you are interested in for fellowship duration, conditions of appointment, stipend, tuition, and special allowances.

Ford Foundation Predoctoral and Dissertation Fellowships for Minorities

For citizens or nationals of the United States who are members of the following designated groups: Native American Indians or Alaskan Natives (Eskimo or Aleut), Black/African Americans, Mexican Americans/Chicanos, Native Pacific Islanders (Micronesians or Polynesians), and Puerto Ricans. Applicants must not have completed, by the beginning of this fall term, more than 30 semester hours, 45 quarter hours, or equivalent, of graduate-level study. Scores from the GRE general test are required.

Application Deadline: November 5, 1993

Howard Hughes Medical Institute Predoctoral Fellowships in Biological Sciences

For U.S. citizens and foreign citizens who are residents of the United States or permanent residents of the United States. Students must be in their first year of graduate study. Applicants must have scores from the GRE general test. Application Deadline: November 5, 1993

National Science Foundation (NSF) Graduate Research Fellowships

For citizens or nationals of the United States or permanent resident aliens who are seniors or first-year graduate students. All applicants are expected to take the GRE general test. Application Deadline: November 5, 1993
Cool Runnings

Based on the true story of 1988 Jamaican Bobsled Team, the film is actually quite enjoyable despite its overused themes. Sterling K. Brown, doing practice in the role of director Martin Scorsese, who specializes in movies about people's struggles to make decisions. The directing is meticulous and the sense of struggle and the sense of authenticity is impressive. The chemistry between Doug Lewis and Pep is also powerful, but the camera focuses on the internal struggles of the two and thankfully avoids the world sex scene typical of Hollywood movies.

Craig K. Chang, Lorcan Harvard Square

Jurassic Park

Michael Crichton's dinosaur epic translates well to the big screen (not surprising given that the book read like a screenplay), and Steven Spielberg does a good job in centering the dinosaurs, both animatronic and computer-generated, are clearly meant to be the stars of the film. Most realistic of all the dinosaurs is the sick triceratops loping on her side, least, the brontosaurus that stumps across a field as Nell and two children run for cover. It's good to see Nell, a talented actor and star of many British and Australian films (including the magnificent Brilliant Career), and Dern, who finally start to get plum roles after her success in Running on Empty, get the exposure they so richly deserve.

Joe's: Mr. Jones

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

Patrick Mahoney, Lorcan Cosley

Spielberg directs the film well. It glosses over much of what is done for Gore and the plot ends up being muddled and slightly confused. Still, see Mr. Jones for the performance of Gore — it's one of his best and most convincing.

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Patrick Mahoney, Lorcan Cosley
Jim's Journal

Today I called the cable TV company.

I think you're the last guy on earth without cable," Steve said yesterday.

I told the person on the phone I wanted to sign up for cable TV.

She put me on hold and I took the opportunity to unravel my phone cord.

A Great Look Starts with a Great Cut

Clothes so nice you may actually want to wash them this semester.

Time to decorate your closet. CambridgeSide Galleria is where it's happenin'. Cool clothes.

Sweet stores. And an awesome food court.

Take the T to the Green Line Lechmere stop or catch our free shuttle bus, "The Wave," from Kendall Square T and you're where it's at.

Eat a Pizza

IT CAN MAKE A DIFFERENCE

Eat a pizza with members of the Corporation, MIT's governing body, and find out how you can make a difference at MIT.

The ballot to elect young alumni/ae (Classes 1992, 1993, 1994) to the Corporation needs strong candidates. Could that be you or a friend at MIT? Herald your interests and concerns by nominating yourself or a friend.

Watch your mail for nomination notices and come to the Open Meeting on Tuesday, October 26, 1993 in Lobby 13 from 6:00 to 9:00 p.m. Share a pizza with members of the Corporation and learn how you can make a difference for the student body at MIT.

See other side for nomination form.
Vix Picks Patsies Over Doves in NFL

He wants to do his taxes but finds it too difficult to hold a pencil. Without your help, he may not be able to do the them. Almost everybody has to file taxes, but not everyone can do it on their own. Volunteer and help make someone's taxes less taxing. Call 1-800-829-1040.

MONITOR COMPANY
INFORMATION ENGINEERING

Our idea of a Software Development Environment:

Information Engineering is the software development division of Monitor Company, a world-wide management consulting firm. We are currently searching for top-notch programmers to join our rapidly growing group.

Come visit our table at the SWE Career Fair in the DuPont Gym on Saturday, October 23, 11:00am to 4:00pm

INNOVATION STARTS WITH IMAGINATION

At Ford Motor Company, your imagination can shape the innovations of the future. Join us in our multicultural environment, and you'll work with professionals from all walks of life, all educational backgrounds and all corners of the world.

When you team up with Ford, you'll experience challenges that will allow you to use your vision and abilities to reach new levels of quality, creativity and accomplishment. And you'll discover that automotive breakthroughs are just the beginning. We're designing, developing, testing, manufacturing and marketing quality products that affect almost every aspect of our lives. We're also utilizing state-of-the-art technologies, advanced finance applications and exciting marketing strategies.

As a Ford professional, your imagination will help chart the course we follow as a team. Your ideas will take us into the future. And you'll have the potential to make your own future everything you want it to be.

INFO SESSION AND RECEPTION
Cambridge Marriott
Tuesday 10/26
5:30 - 9:00 pm
On-Campus Interviews
10/26 - 27
At Microsoft, we encourage diverse viewpoints. It's how our products came to be on shelves in Miami, Melbourne and Moscow. If you have an intense desire to make a difference - know what you've created will appear on millions of screens - talk to us. You'll not only get a chance to work on cool products, you'll be helping to make an impact around the world.

what: SWE Career Fair

where: DuPont Gymnasium

when: Saturday, October 23, 1993
11:00 am-4:00 pm

Full-time interviews on November 9, 1993.

Microsoft

Microsoft is an Equal Opportunity Employer and supports workforce diversity.

Microsoft is a registered trademark and Windows is a trademark of Microsoft Corporation.
Umpires Should Worry about Calls, Not Cameras

Argue, from Page 20

over Reduce Firearms night, where the first 250 fans to turn in a gun to the front office received a pair of tickets to the Bulls exhibition game. The end of what promises to be the long season with His Airness, Scottie Pippen and the boys will be glad when the season management has done everything possible to remove dangerous implement from their fan.

The sudden retirement of Michael Jordan has done more than strip Chicago of its best player and the NBA of its biggest media star. It has unfortunately also planted the idea of retirement in many athletes' heads. After Charles Barkley collapsed during training camp, he claimed that he was better that he would like to retire after this year, especially if the Suns lost the championship. Now that Rickey Henderson is back in the World Series, he has also expressed a desire to hang them up. Most athletes, especially those making piles of money, respect Jordan's decision for being able to quit while still at the top of his game. Still, it shows the front office received a pair of firearms from the first 250 fans to turn in a gun to dispose of the Boilemakers.

Let's Argue Fan Top 5

This week's fan is Frank Leiby, who sent us the following:

1. Washington
2. Washington State
3. Eastern Washington
4. Puget Sound
5. Bellingham College of Music

Globe Gem of the Week

This week's winner is Jack Cregin, who regularly reviews sports media coverage in his Sportswriter column. Quick to spot rising stars, the following appeared in last Tuesday's edition: "Mike Duffy and Andrew Heitner will make sports announcing history Saturday when they broadcast the MIT-Nichols football game on WMBR-FM (88.1). It has never happened before at MIT." A hearty Let's Argue two thumbs up to Jack.

Where Are They Now?


Race For Faculty

Temple: 325 points (54.2 pg)
Maryland: 319 points (45.5 pg)
The number of points given by these two teams so far this season is equivalent to the average ver-
ball and much SAT score, respective-
ly, of a Harvard freshman.

Montando's House of De Semana

To the driver of the Oklahoma Sooners Schooner. In last week's OU loss to Colorado, the Schooner managed to put a field goal on the board in the second quarter. Following Sooner tradition, an over-sized chuck wagon, pulled by a couple of horses, scooted on to the field. As the wagon was to move around to head back to the end zone, the driver tried to "cut the wheel" too tightly, causing the schooner to tip over and sending both him (who was on top of the wagon) and his buddy (inside of the wagon) scrambling. Both escaped major injury, but not the watchful eye of Mondongo.

Trivia Question of the Week

What do the call letters WMBR stand for? Send answers, questions, and stupid stunts you copied from the Broadcaster's Quiz Book. Answer to last week's question: The helmet Award (player of the week) from the New Jersey Nets that turned red in New Brunswick.

The driver of the Oklahoma Schooner. In last week's OU loss to Colorado, the Sooners Schooner. In last week's OU loss to Colorado, the Schooner managed to put a field goal on the board in the second quarter. Following Sooner tradition, an over-sized chuck wagon, pulled by a couple of horses, scooted on to the field. As the wagon was to move around to head back to the end zone, the driver tried to "cut the wheel" too tightly, causing the schooner to tip over and sending both him (who was on top of the wagon) and his buddy (inside of the wagon) scrambling. Both escaped major injury, but not the watchful eye of Mondongo.

Office Selection Team Boston

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EVEN BERKELEY & CLARENDON
The women's tennis team played four tough matches during the week of Oct. 11. They were 2-2, bringing their overall record to a formidable 6-3. MIT lost the first two matches to Smith College and Brandeis University, but were determined to get a win and were victorious against Middlebury and Wheaton colleges.

Frederica Turner '95 turned in a stellar performance against Smith, losing 3-6, 2-6. Captain Valerie Tan '94 played a vigorous match but was repeatedly overcome, 5-7, 1-6. Carey Matsuzaki '95 showed true dominance as she took 6-4, 6-1 win. Patience served well for Hans Ohkawa '94, as she decimated her opponent 6-2, 6-2.

In doubles, Janet Chen '94 and Nicole Mitchell '96 were solid as a rock and won 6-1, 6-4. Monica Gupta '94 and Miranda Fan '95 suffered a respectable loss, 6-7, 1-6. The team of Ohkawa and Matsuzaki played the heartbreaker-no loser to determine the winner of their match. Although they showed tremendous excitement and near-perfect teamwork, they were overcome, 4-8, by an excellent Smith double team as a spectacular show-down, giving Smith the overall 4-3 victory.

At Brandeis, MIT put in yet another valiant but losing effort, bowing to Brandeis 2-4. Turner took a tough loss, 3-6, 1-6, while Tan gave a gallant performance, losing 4-6, 2-6. Matsuzaki took a heartbreaker-loss, 4-6, 4-6. Seetha Ramnath '96 lost a tough match, 2-6, 3-6.

Both MIT doubles teams of Ohkawa and Chen and Mitchell and Fan gave stellar performances as they were victorious 6-2, 6-2, and 7-5, 6-1, respectively.

On Oct. 16, MIT dominated the day, thanks to the genius coaching of Candy Royer and excellent support of Clafina Hong '93 and Elliot Schwartz '93, as the team pulverized Middlebury and Wheaton 6-3 and 4-2, respectively.

Although the doubles team of Ohkawa and Matsuzaki lost 0-8 to Middlebury, Turner and Tan, and Mitchell and Chen claimed dominating victories, 6-3 and 8-4, respectively.

In singles play, MIT showed the meaning of true toughness as Tan, Matsuzaki and Ohkawa all won grueling come-from-behind three-set matches. Chen put up a tenacious battle but lost 1-6, 5-7. In exhibition singles, Staci Jenkins '97 took a gutsy defeat 2-6, 1-6.

Against Wheaton, MIT showed its superiority by claiming three of the four singles and one of the two doubles matches. Matsuzaki crushed her opponent 6-1, 6-1, while Chen showed true dominance yet again by taking 6-0, 6-1 win. Ohkawa was involved in quite a clash, but managed to capture a win, 6-3, 5-7, 6-1. Mitchell and Lily Koo '97 played brilliantly and took 6-4, 6-4 win.

MIT will play Brandeis and Smith again in the New England Women's Tournament and hopes to repeat history by becoming the champions again. But prior to that, the women hope to put in tough, energetic performances at the New England Women's Intercollegiate Tennis Tournament starting Oct. 22 to be held at Amherst College.
Field Hockey Flails Dartmouth, 3-0
By Kolchi Kunitake

The women’s field hockey team shut out the UMass-Dartmouth Corsairs last Tuesday on Jack Barry Field. Mary Beth Richards ’94 scored all three goals in a game in which the Engineers consistently kept the Corsairs on the defensive. Richards scored the first goal with 31 minutes, 13 seconds remaining in the first half on an assist from Katherine Merrilees ’95. On the first hat trick of the year, Merrilees passed the ball to Kathy Mangion ’95, who sent it to Richards. Richards then slammed it into the goal to make the score 2-0, with 4:33 left in the half.

For the next 38 minutes, both teams played a very defensive game, with the assistance of three saves by goalie Meg Golden ’97. Neither side scored until, with 1:25 left in the second half, Richards slammed in an unassisted goal, making the score 3-0.

Head coach Cheryl Silva said, “We have three more games this week, and this was a great way to start off the year.” The Engineers’ record is now 9-4.

Sailing Finishes 3rd in Smith
By Elaine Heald

This past weekend the women’s sailing team traveled to Yale to compete in a women’s intersectional. Danielle Ames ’96, Patricia Schmidt ’96, Elaine Heald ’95 and Iliana Fugmori ’95 sailed against sixteen other top schools from all over the country.

This year’s Smith Trophy, the largest intercollegiate regatta in the country, was held Sunday, Oct. 17 at MIT, and twenty-two schools battled it out. The MIT team of Rich Downey ’94, Arne Chwang ’95, Dan Nester ’96, and Jonas Sylvester ’96 tied for third, an outstanding finish against so many competitive teams. Also on the Charles Saturday was an invitational at Harvard University and the Boston University Trophy. Both of these occurred in light and shifty winds, but the team, consisting of Dan Nester ’96, Vane Vaneman ’97, Freddy Santos ’96, and Jonas Sylvester ’96, pulled off a second place finish at Harvard. Meanwhile at BU Al Sivas ’95, Heather Campbell ’96, Doug DeCouto ’97, and Lisa Collins ’97 finished sixth.

On Sunday the varsity squad headed for Dartmouth College to sail in the John Wood Trophy. The team of Doug DeCouto ’97, Lisa Collins ’97, Al Sivas ’95, Heather Campbell ’95, Adams London ’95, John Feland ’94, Jeff Brock ’97, and Alan Ace ’97 finished fifth.

Concern for Defense Hampers Soccer Team
Soccer, from Page 20

She continued, “I was disappointed in the second half. We played too cautiously and defensively—never gave ourselves a chance for a shot on goal. We were too concerned with giving ourselves a chance for a shot on goal. We were too concerned with giving ourselves a chance for a shot on goal. We were too concerned with giving ourselves a chance for a shot on goal. We were too concerned with giving ourselves a chance for a shot on goal.

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**Women's Soccer Ends with 2-2 Tie**

By Thomas Kettler

The women's soccer team finished its historic season Wednesday with a tie against the Brandeis University Judges by a score of 2-2 at Steinbrenner Stadium. The team's overall record now is 9-2-2 with a final conference record of 6-1-1.

In the first half, MIT kept the ball on the Judges half of the field and scored its only goal of the match. It started in the first minute when Chantal Wright '95 scored her ninth goal. Eighty minutes later, Becky Hill '95 scored her 10th goal of the season. However, the Judges equalized in the second half, with the final margin of 2-2 coming in the eighth minute of the half. As a result, the game went into overtime.

In both overtime periods, neither MIT nor Brandeis could mount an effective attack as neither scored on the opportunities they had. Thus, the game ended in a tie.

Head coach Susan Rowe commented, "I think we played very tough and competent in the first half. We played our game with a two-game tie in the first half. Brandeis is a very good team and you can't let up."