

Drop Date Tomorrow

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Overcast, drizzle, 48°F (9°C)
Tonight: Clearing, cold, 34°F (1°C)
Tomorrow: Cloudy, 30°F (-1°C)
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Volume 116, Number 60

Cambridge, Massachusetts 02139

Tuesday, November 19, 1996

Student Government Discusses Allotment Of Activities Funds

By Shang-Lin Chuang
NEWS EDITOR

Student leaders have been meeting over the past month to look at the best and quickest way to distribute \$40,000 that has been allocated by the Provost for small student activities.

Undergraduate Association leaders approached Provost Joel Moses PhD '67 during the summer to ask for more money for small student activities. Moses accepted the proposal and allocated \$40,000 to the Central Allocations Board last month.

The CAB, which currently does not exist, was recommended as a part of the final report made by the co-curricular redesign re-engineer-

ing team early last month.

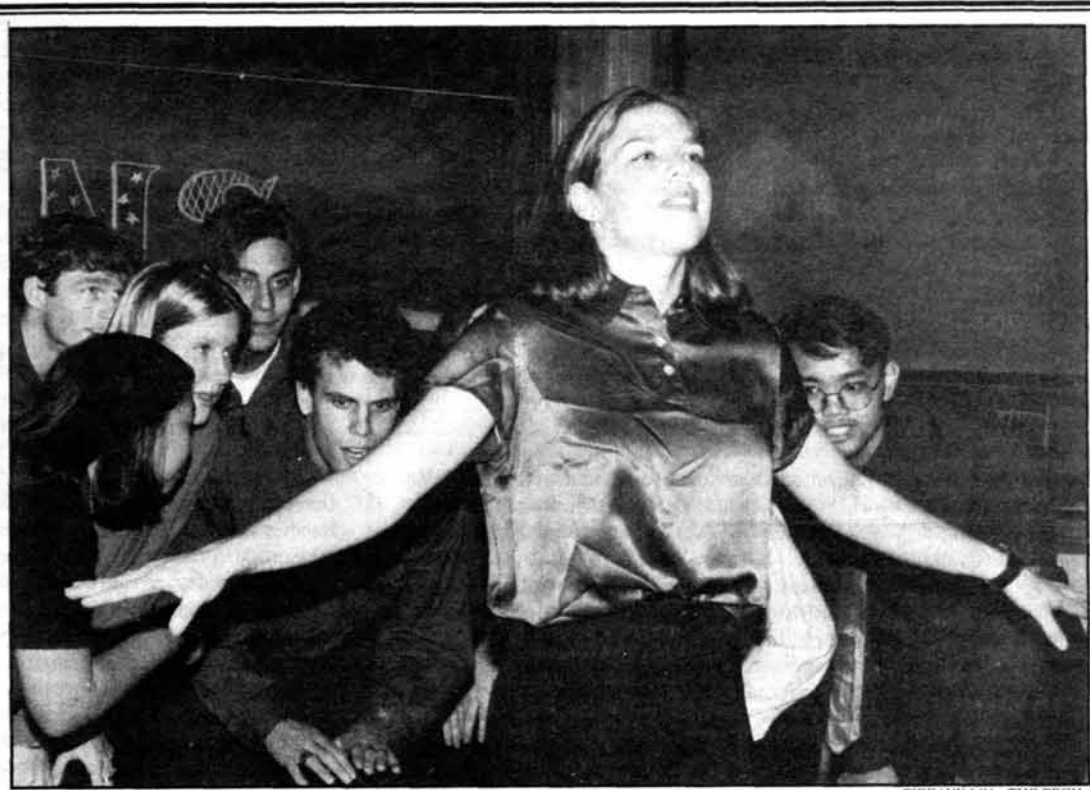
As a result, representatives from the UA, the Graduate Student Council, the Association of Student Activities, and CCR have been meeting over the past month to discuss the best method to distribute the money. That method of distribution may or may not include the CAB.

It is not clear who has the final say on scope of the CAB and the eventual distribution of the \$40,000.

"Right now the board is not defined yet. It is just a mechanism to disseminate the money," said UA Vice President Dedric A. Carter '98.

"We are trying to see what is

CAB, Page 10



The MIT-Wellesley a capella group The Toons sing "I Feel Lucky" at their concert Saturday in 6-120.

Cambridge Moves Ahead on Plan To Redesign Massachusetts Ave.

By Douglas E. Heimbarger
STAFF REPORTER

As plans for new development at University Park move forward, the City of Cambridge and the Massachusetts Highway Department are simultaneously going ahead with a separate project to redesign Massachusetts Avenue in front of MIT.

The major traffic route is scheduled to undergo a "full depth reconstruction" beginning in the spring of 1998, according to Catherine Daly Woodbury, a project planner for the city's community development

department. The street will be completely torn down to its subsurface and repaved.

The city has so far finished 75 percent of the design work, which it will send to the state for a review. Final preparations for construction will start after that, Woodbury said.

The road is too uneven because of separate repavings that have been made over the years, Woodbury said. In addition, trolley tracks may exist beneath the road surface, which may cause more problems.

As part of the multi-million dollar project, slated to run along

Massachusetts Avenue from Main Street to Memorial Drive, several streets will be rerouted and the traffic pattern will be changed.

The most obvious change that will be experienced by MIT will be the elimination of parking on the west side of Massachusetts Avenue. The change will facilitate the introduction of bicycle lanes on both sides of the street. The alternative of reducing the width of the sidewalks in the area of MIT is unworkable because of the high

Construction, Page 9

Netscape's Andreessen Delivers Talk for \$50K

By May K. Tse
ASSOCIATE NEWS EDITOR

"At the time, the Internet was still considered a toy," said Marc Andreessen, Netscape's 24-year-old co-founder, about the time he was at college and Netscape was just a thought.

Andreessen, along with Jim Clarke, are responsible for founding Netscape, the company that has created the most world's most popular World Wide Web browser. Andreessen spoke about his experiences before a packed audience Thursday in 26-100.

His informal speech, sponsored

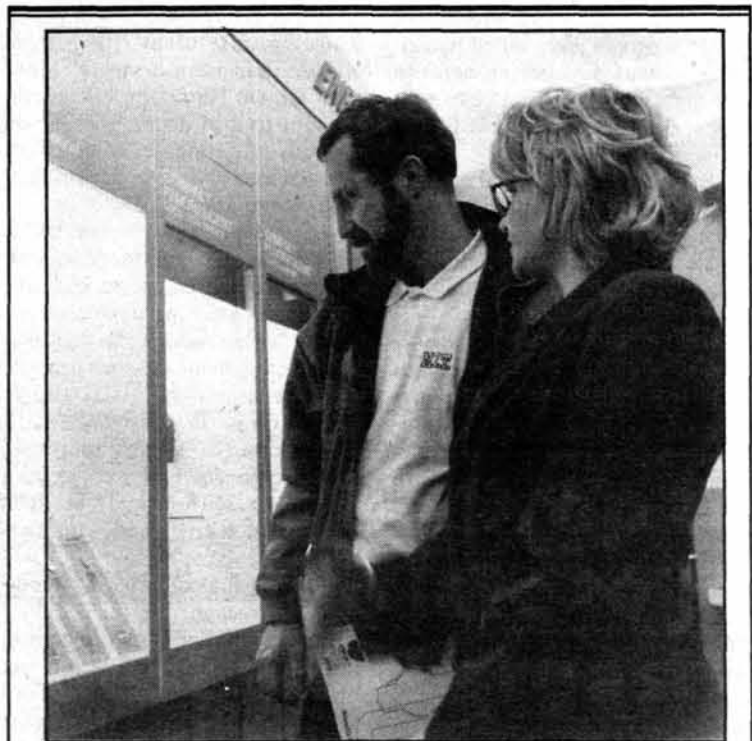
by the \$50K competition's organizing team, centered around the creation and development of the company.

'Find a parade and jump in front'

Andreessen talked about how he started out as an undergraduate at the University of Illinois at Urbana-Champaign and how Clark first contacted him.

"When Jim Clark contacted me, we still didn't know exactly what we were going to do," Andreessen said.

Andreessen, Page 14



GABOR CSANYI—THE TECH

Inside the Osram Sylvania Lightmobile, representative Paula Ziegenbein talks with Physical Plant Supervisor Christopher Salter about new light installations that will be taking place on campus. The 66-foot traveling lightmobile appeared as part of a nationwide tour to demonstrate the impact of lighting on the environment.

Survey Reveals Student Satisfaction, But Many Results Differ by Gender

By Jennifer Lane
NEWS EDITOR

A report analyzing the results of the 1994 Senior Survey shows that MIT has a senior satisfaction rate comparable to the rate at other research universities.

The report, conducted by the Educational Studies Working Group, was released last month. The ESWG had previously released only mini-reports composed of portions of the data to various departments and other groups around the Institute.

It is now "easier to see the whole thing together," said ESWG Director Norma McGavern, director of UROP. "We're showing people what is so that they can plan what should be."

The survey showed that 73 percent of seniors were satisfied with their overall undergraduate education.

This puts overall perception in line with other schools. The Consortium on the Financing of Higher Education conducts a senior survey in 27 schools periodically. Data from four of these schools which are distinguished research uni-

versities and have large science and engineering programs was compared with the results of the MIT survey.

In the COFHE survey, there was a 74 percent overall undergraduate satisfaction rate.

Results vary according to gender

One of the results of the senior survey that has incited discussion is the gender disparity in several of the statistics, said ESWG Director Alberta G. Lipson.

Women were less satisfied with their overall experience at MIT and many aspects of their freshmen year. They were also more likely to see the academic pressure at the Institute as detrimental.

Women were less likely to see improvement in their academic self-confidence, self-esteem, and creativity. The differences are still apparent when compared with the COFHE data.

Although the COFHE data was taken from science and engineering majors, it was not restricted to only science and engineering schools, so it is possible that the gender discrep-

ancy reflects a difference in women's attitudes in the environments of the different communities.

Another hypothesis for the disparity is that women have tradition-

Survey, Page 23

INSIDE

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WORLD & NATION

First Non-Communist President Constantinescu Elected in Romania

THE WASHINGTON POST

BUCHAREST, ROMANIA

President Ion Iliescu was soundly defeated Sunday by challenger Emil Constantinescu in a runoff that gave Romania its first non-communist government and completed by ballot a dramatic, democratic, and peaceful revolution.

Early exit polls showed Iliescu seven percentage points behind Constantinescu, a former university rector and the leader of the centrist-right Democratic Convention, in what has been the toughest presidential race here since the fall of communism in 1989.

If the exit poll results hold, Romanians will have historically signaled that they are ready for faster and tougher reforms, which have transformed other East European countries over the past seven years.

Starting with parliamentary elections on Nov. 3 and concluding Sunday night with the presidential runoff, the Romanian government for the first time has broken its ties to its former communist leaders.

Shortly after midnight, tens of thousands of people gathered in the capital's University Square to cheer the new president.

"I'm here to tell you I will never betray you," a glowing Constantinescu said from a balcony overlooking the square. "We are here for the people who fought the guns with their bodies." He vowed that his government would not seek "any revenge" and then appealed to the crowd to pray with him.

Israeli Government Approves Apartment Construction in West Bank

THE WASHINGTON POST

JERUSALEM

Israel's Likud government has approved construction of 1,200 apartments in the West Bank Jewish settlement of Emmanuel, its first large building project in the heart of the territory conquered by Israel in the 1967 Middle East war.

The geography of the unannounced project, approved privately by Defense Minister Yitzhak Mordechai and disclosed Monday by settlement leaders, makes it politically significant. Emmanuel, an ultra-Orthodox settlement now housing 2,000 to 3,000 people, lies well east of Israel's pre-1967 border and nearly astride the only road linking the major Palestinian cities of Nablus and Qalqilyah.

Both those facts give concrete backing to Prime Minister Benjamin Netanyahu's stated determination to keep the great majority of the West Bank in Israeli hands. His intention would foreclose any prospect of an unbroken reach of territory under Palestinian rule.

Netanyahu's determination to keep things that way explodes one of the assumptions shared by Palestinian and Israeli negotiators under the Labor Party governments. Prime Ministers Yitzhak Rabin and Shimon Peres aspired to annex the most densely populated areas of Jewish settlement along the 1967 border, and they insisted on maintaining military control of the strategic Jordan Valley to the east. But they foresaw a contiguous Palestinian "entity" — and hinted it could be an independent state — covering most of the occupied territory.

Suspect Arrested in Russian Terror Bombing; Death Toll Climbs to 56

LOS ANGELES TIMES

MOSCOW

Russia's secret police chief announced the arrest of a suspect Monday following a weekend terrorist bombing in the southern city of Kaspiysk, and President Boris N. Yeltsin declared a day of national mourning Tuesday as the death toll climbed to 56.

Investigators have disclosed little about the deadly blast except their suspicions that the bombing was an action by organized criminals aimed at officers of the Russian Border Guard Service who live with their families in the nine-story apartment building devastated by the early Saturday explosion.

The tragedy in the republic of Dagestan has spotlighted both a recent surge in mob violence and Yeltsin's prolonged absence following heart surgery that has repeatedly been touted as successful.

The 65-year-old Russian leader has not been seen or heard by his countrymen in the two weeks since he underwent a quintuple bypass operation. Like dozens of other edicts and addresses, Yeltsin's proclamation Monday of a day of mourning came in written form through his administrative staff.

Rescue workers were still combing through the rubble of the shattered building after dark Monday, as several residents were still unaccounted for three days after the explosion.

WEATHER Drizzle Fizzle

By Gerard Roe

STAFF METEOROLOGIST

A small mid-level low pressure trough scudding through the area will conspire with some seaboard moisture to produce widespread drizzle today. The colder temperatures save us from larger amounts of rain, but they mean that western parts of Massachusetts and higher elevations will have some snow mixed in with the rain.

The precipitation should be out of the way by nightfall to be replaced by partially clearing skies and slightly cooler temperatures. Wednesday will see winds up a notch or two and some sun.

Today: Overcast and drizzly. Maybe some small breaks in the clouds to the south. Light winds out of the north. High 48°F (9°C).

Tonight: Any drizzle ending. Some clearing. Low 34°F (1°C).

Wednesday: Partly to mostly cloudy. Winds from the northwest. Chance of snow to the north. High 45°F (7°C). Low 33°F (1°C).

Thursday: Partly cloudy and turning cooler. High in the low 40s (6°C). Low about 30°F (-1°C).

Russian Space Probe Crashes Near Coast of Easter Island

By Richard Boudreaux

LOS ANGELES TIMES

MOSCOW

Russia's most ambitious space probe landed with an ignominious 6.7-ton splash in the South Pacific Monday, along with a chunk of the country's battered scientific prestige, after a booster rocket under the Mars-bound craft misfired.

Pieces of the plutonium-laden probe crashed into the ocean 620 miles west of South America near Easter Island, said Alan Hodges, director general of Australia's federal disaster coordination agency. Earlier predictions had suggested that the craft would crash in central Australia, raising fears of nuclear contamination — a danger that had been termed remote.

The failure of the Mars 96 mission was a heartbreaking blow to Russia's financially strained space program, which had spent at least \$64 million and eight years preparing for it.

Spurred by new evidence that there may have been life on the Earth's nearest planetary neighbor, 19 European nations and the United States had crammed more than a ton of scientific instruments aboard the craft to photograph Mars, study its atmosphere and sift its reddish soil for signs of water.

A four-stage Proton rocket sent the probe up early Sunday from the Baikonur Cosmodrome in Kazakhstan — a blastoff that lighted up the surrounding steppe and cheered the 120 invited foreign scientists who had worked with Russia to ready the mission.

By dawn, without any formal announcement, word filtered out to

the guests that something had gone wrong.

"This is something you work on for years. Then suddenly, within seconds, you realize it's gone," said Jurgen Rahe, program director for planetary exploration at NASA.

Russian space officials said later that the first three boosters fired properly but the fourth did not, depriving the spacecraft of enough thrust to launch it on its planned 10-month, 48 million-mile journey.

"We lost communication with the probe," Vsevolod P. Latyshev, a spokesman for the flight control center in Moscow, said late Sunday. "The question is where and when it will fall down."

Monday's landing in the Pacific Ocean was greeted with relief. For much of Sunday afternoon, however, U.S. space-tracking technology was focused on an orbit that had the craft headed for Australia, posing a minor risk that the crash could release a small, lethal plutonium cloud.

President Clinton contacted Australian Prime Minister John Howard upon learning of the threat and offered U.S. help in locating and recovering any nuclear material, officials said.

The sudden international drama centering on the skies above Australia was a remarkable coincidence, coming one day before Clinton planned to leave for his first visit to that country.

The president was vacationing in Hawaii on Sunday when news spread of the errant space mission. Clinton's schedule calls for stops in Sydney, Canberra, and Port Douglas

this week.

While most of the spacecraft had been expected to burn up before hitting the ground, attention Sunday focused on four plutonium-powered batteries located in two large sections of the probe.

In a "worst-case scenario," the batteries might have released a small cloud of plutonium, said Robert Bell, a senior director for defense policy at the National Security Council.

Scientists said the mission's failure may force Russia to abandon its Mars exploration program. They also said it could tarnish the most promising legacy of the Soviet space era — the commercial sale of Russian rockets to Western companies to launch their satellites.

"All their eggs were in this one basket," said James Oberg, a U.S. engineer who studies the Russian space effort.

"This probe was supposed to show they were still world class players.... We have watched them teetering on the brink of disaster for years, reducing their funding and their personnel. Now we're starting to see the pieces breaking."

He and other Western specialists predicted the Russians would probably shelve its Mars program for at least a decade because of a lack of funding.

Russia's last Mars mission failed when Phobos-1 and Phobos-2, launched a few days apart in July 1988, vanished without a trace. Mars 96, the second in the planned series of three missions, was delayed two years by financial problems.

Anger, Chaos Reign as Hutus Return to Homes and Farms

By Bob Drogin

LOS ANGELES TIMES

KABAYA, RWANDA

A little boy ran down a muddy path here just after noon Monday to break the news. "They are coming!" he shouted.

Soon they straggled in, 33 ethnic Hutus who had fled this remote hamlet in western Rwanda for the foul refugee camps of Zaire on July 17, 1994. Now, returning for the first time, they dropped their soiled bundles in the weeds and looked around nervously.

They were finally home. But they were not welcome.

Ethnic Tutsis had taken over the eight Hutu families' homes and farms. And the Tutsis angrily refused to leave. By late afternoon, the drama had turned dangerously tense: A Tutsi accused a returning Hutu of mass murder, and the terrified Hutus predicted they would be killed in the night.

"They will kill the newcomers," whispered John Magee, 53, a Hutu peasant who grabbed a visitor's arm. "They want to keep all the land."

By Monday, an estimated half a million Hutus had hiked home to Tutsi-controlled Rwanda from Zaire in the last four days. But as the mass exodus dwindled to a mere trickle, the uneasy homecoming here suggested that the bitter ethnic and caste divisions that exploded in the Hutu-led genocide of minority Tutsis two years ago are far from over.

The return of so many people so quickly has caused mass confusion inside and outside Rwanda. The United States and its allies plan to meet Thursday in Germany to figure whether they still needed to launch a

huge international aid program in the region.

In Rwanda, aid agencies publicly bickered over the failure to provide food or transport to the hungry throngs clogging the roads. More important, the current chaos may be sowing the seeds of future conflict.

Like most Rwandan villages, this cluster of mud-walled houses and huts is hidden among lushly terraced hills and miles from the nearest paved road. And like most other genocides, the toll from the 1994 genocide — in which more than 800,000 people were killed nationwide — was devastating here. In one night of horror, local Hutu militias hacked to death all but five of Kabaya's 200 Tutsis.

But when the Hutus fled in disarray from a Tutsi-led guerrilla army, Tutsi survivors of the massacres and Tutsis who had escaped pogroms in Zaire were allowed to occupy the abandoned houses.

That was the problem Monday.

"This is my house," complained Johan Sebiteke, 70, a stooped, bare-foot Hutu, pointing his worn bamboo cane at a mud-walled house in a banana grove. "The Tutsis are inside. And they have locked the door!"

Nearby, a 35 year old woman Anosiata Nyarampabaka, a baby bundled on her back and another at her side, warily walked up to the door of her former home. "There are people living there," she said. "I will take the plastic sheeting (from the refugee camp) and tell them they must sleep outside."

But Odari Ruyugabigwi, 40, a Tutsi trader, stood in the door and refused to budge. "Why should I leave?" he asked, glaring at the Hutus. "I don't want to be a refugee

too."

John Vatali, 40, the leader of the returnees, pleaded for a room to store the woman's belongings. But Ruyugabigwi furiously accused him of joining in the genocide. "That is why you run away!" he said, jabbing his finger in anger.

The blood drained from Vatali's face and he took a step backward. "It's not true," he said hotly. "No, no, this is not true! We are not killers. We are not soldiers. We did nothing."

Vatali insisted that he stayed in Zaire because other Hutus from Kabaya had been arrested. More than 80,000 Hutus are being held without trial in dismal prisons on charges of genocide. Many were arrested after trying to reclaim their homes from Tutsis.

Later, Vatali paced in front of his own home as his wife, Margaret, and two children sat in obvious exhaustion amid the jumble of jerrycans, burlap sacks, foam mattresses, and other items they had carried.

"The man who lives there, when he saw me he left," Vatali said anxiously. "I just want peace. I want to go slowly. I want to have a dialogue with him. If he does not, I will wait for the authorities."

Each of the country's 141 communes is responsible for deciding how long the Tutsis can remain in the Hutus' houses before moving out. In some areas, leaders have given a 15-day deadline, in others, a month.

But Kabaya's newly appointed Tutsi administrator, Alphonsi Kanyamajih, said he'd been given no instructions yet. "The government must move them out," he said. "It's not up to me."

After Startling Contract Loss, McDonnell Braces for Future

By Ralph Vartabedian
LOS ANGELES TIMES

In a lounge atop the National Press Club in Washington two weeks ago, the chief executives of Northrop Grumman Corp. and McDonnell Douglas Corp. confidently predicted their team would succeed in the high-stakes Pentagon program to build a new generation jet fighter.

The two men — whose companies now produce the world's most lethal combat aircraft — brushed aside questions about what they might do if they lost the competition.

"I haven't given it any thought," said McDonnell chief executive Harry Stonecipher.

But now Stonecipher has plenty to worry about, following the Pentagon's stunning decision Saturday to drop McDonnell and Northrop from the competition for

the new jet, known as the joint strike fighter.

The two companies chosen as finalists in the program, Lockheed Martin Corp. and Boeing Co., are now in a position to assume leadership of the elite business that remains a coveted symbol of military and technological prowess.

The rejection marks a stunning setback to McDonnell, the St. Louis-based firm that has dominated the world market for combat jets ever since the Vietnam War with its F-4 Phantom jet fighter.

"It is a loss, a devastating loss, no question about it," said Fred Hill, vice president of communications.

Stonecipher vowed to reporters on Saturday to "pull up our socks and get on with life" but the loss of a program touted as being worth more than \$200 billion will leave some huge holes in those socks.

The defeat for Northrop is less

devastating, since the company in the past two years has focused increasingly on the defense electronics market and appears headed to overtake Hughes Electronics, according to Loren Thompson, a defense expert at the deTocqueville Institution.

But the loss also represents what may be a final defeat for Northrop's 15-year-old ambition and heavy investments to be in the aircraft business's top tier.

The long-term outlook for McDonnell is considerably bleaker, since the company has elected to not diversify during the defense industry consolidation of the 1990s.

"This loss is devastating for McDonnell," Thompson said. "There has never been anything like the Joint Strike Fighter and probably won't be in our life times. Not to be a part of it is not to be a big part of the aerospace industry."

NATO Gives Consent to Reduce Force to Maintain Bosnian Truce

By William Drozdiak
THE WASHINGTON POST

BRUSSELS

The NATO allies gave unanimous consent Monday to the reduced multinational force that will supervise Bosnia's fragile truce when the mandate for the current peacekeeping mission ends next month.

Ambassadors from the 16 member countries issued orders to senior military commanders to draw up detailed contingency plans for the 30-member stabilization force, or SFOR, that is expected to succeed an international contingent now twice its size that has worked over the past year to ensure complete compliance with the Dayton peace accords.

The new NATO-led force is expected to take up operations once

the mandate of its predecessor expires December 20. The alliance foreign and defense ministers have scheduled meetings ahead of that date to approve its final operating plan, and the United Nations Security Council will vote on a new resolution endorsing its deployment in coming weeks.

The main obstacle to NATO's continuing peacekeeping presence in Bosnia was removed when President Clinton announced Friday that the United States will contribute 8,500 troops, despite earlier promises to pull all troops back home by the end of the year. France and other European allies said they would not keep their troops in Bosnia unless the United States did so.

While pleased by the consensus on maintaining a strong international

peacekeeping force in Bosnia, NATO officials said there are still significant differences that must be resolved over the tasks to be undertaken by the new force and the length of its stay.

"Everybody realizes that a smaller force will not be able to do as much," a senior NATO diplomat said. "It is extremely important that having secured the peace in the first year, alliance troops must not be stretched beyond the breaking point in the second year."

The United States is seeking to circumscribe the mandate so that the international force is only assigned to carry out those tasks absolutely necessary to maintain stability and prevent a return to war, diplomats said. The U.S. also wants to set a fixed date for a complete pullout by June 1998.

Lockheed Martin to Eliminate 1,600 Jobs and Close 8 Facilities

THE WASHINGTON POST

WASHINGTON

Lockheed Martin Corp., the nation's largest defense contractor, announced Monday that it will shut down eight facilities and eliminate approximately 1,600 jobs in an effort to streamline operations that once belonged to about a half dozen different companies.

The company, which has about 190,000 employees worldwide, said the actions were expected to produce savings that will help it compete for defense contracting dollars in a time of shrinking budgets for military spending.

Lockheed Martin Chief Executive Norman R. Augustine said Monday's actions, coupled with steps already taken, would produce annual savings of \$2.6 billion by 1999. The actions will "expand opportunities for our employees and enhance shareholder value," he said.

Lockheed Martin was created out of a merger of Lockheed Corp. and Martin Marietta Corp., and includes major operations that were acquired earlier this year from the space agency and defense contractor Loral Corp.

It also includes divisions that were acquired by Lockheed, Martin Marietta, and Loral from other defense contractors, including General Electric Co., General Dynamics Corp., Ford Aerospace Corp., and IBM Federal Systems Co.

Unabomber Defense Bid to See FBI Notes and Logbooks Rejected

LOS ANGELES TIMES

SACRAMENTO, CALIF.

Unabomber suspect Theodore J. Kaczynski's attorneys were turned down Monday in their bid to force prosecutors to hand over notes and logbooks made by FBI agents during the search of their client's Montana shack and surrounding property.

In a pretrial hearing, Federal Magistrate Gregory G. Hollows tentatively rejected the request, saying the FBI logbooks are "not sufficiently material" to the proceedings. Hollows indicated he would issue a final ruling by the end of the week.

Kaczynski, 54, faces murder-by-bombing charges in the wake of his arrest last April at his remote cabin. As part of the pretrial maneuvering, Kaczynski's legal team and federal prosecutors have been negotiating what documents the government should share with defense lawyers.

One sticking point has been the handwritten logbooks of the search, which spell out the comings and goings of authorities at Kaczynski's home and detail exactly who was in custody of evidence.

In a legal brief, Kaczynski's lawyers, Judy Clarke and Quin Denvir, emphasized the importance of the logs, saying "this information goes not only to the validity of the execution of the (search) warrant, but also to the chain of custody of the evidence seized."

Without the records, Clarke said during a 15-minute hearing "we don't have ingress and egress information." Clarke also complained she couldn't "believe the government doesn't want to give us this. The government made some public statement earlier about the strength of their case. I don't understand their reluctance."

Graduate Student Council

Walker Memorial Rm 220 • 253-2195 • <http://www.mit.edu/activities/gsc>

Keep in Touch! Stay informed about GSC events! Add yourself to our mailing list by sending e-mail to gsc-request@mit. Questions? Ideas? Write to gsc-admin@mit or call 253-2195.



Outlet Shopping Trip

Nov. 23, 9am-6pm in Kittery, ME

Sorry, the outlet shopping trip is full! But you can still sign up for the waiting list. Contact emoquan@mit for information.



Boston Ballet's The Nutcracker

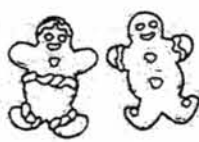
Dec. 8, 6:30pm at Wang Center

Come with us to see this classic ballet. These center balcony tickets cost \$30 each. Only 50 seats are available, so buy your tickets early.

Holiday Social

Dec. 11, 5:30pm in 50-220

Spread the holiday cheer on the last day of classes!



GSC Budget Priorities

Nov. 19, 5:30pm in 50-220

Tell us how you want us to spend money to improve the quality of graduate student life. If you can't make the meeting but still want to comment, send mail to gsc-treasurer@mit

- Should we raise the per-ticket subsidy for GSC events?
- Should the GSC Funding Board allocate money for groups and not only events?

Does your student group need money?

Upcoming Meetings

- Nov 19 Budget Priorities
- Nov. 21 Academic Projects and Policy

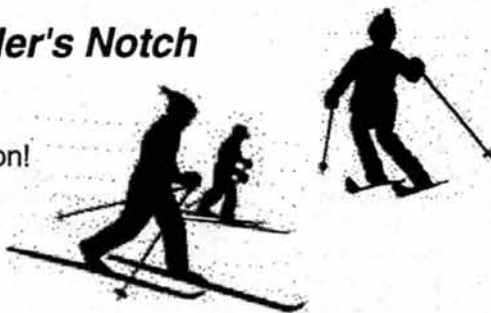
(Meetings are open to all grad students, at 5:30 pm in 50-220. Dinner is served.)

- Should we spend \$10,000 per year to mail the GSN to your home addresses?
- Should we spend \$3,000 on furniture in the GSC lounge?
- Should the GSC lounge be a general-access lounge for graduate students?
- Should we hire someone to poster for the GSC?

GSC Ski Trip to Smuggler's Notch

Dec. 13 to Dec. 15

Enjoy the fresh snow of Vermont. Incredible rates! Free transportation! Cost: 3-day lift ticket and accommodations, \$95; 3-day ski rentals, \$59. Only a few spots are left!



GSC Needs a Logo!

We need a logo that represents grad students. Whether your idea is formal or fun, send it in by Dec. 1. The winner will be featured in the spring Graduate Student News and on our flyers, and get a prize!

- Design fits within 2" x 2" (doesn't have to be square)
- Design is black-and-white, but may have two-color option
- "Graduate Student Council" is not required
- Multiple submissions welcome

OPINION



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Letters To The Editor

Is The Tech's Quality A Fluke?

Something very strange must be going on over there at *The Tech*. When I picked up Friday's issue, I was expecting the same old tired verbiage and bland reading material. Imagine my surprise when I discovered that the paper was filled with interesting, pertinent articles. And the opinion section, instead of being extremely inane, had an insightful article with a real point. Does this herald a change for the better? Or was it just random chance that *The Tech* staff can produce a quality paper when it wants to? I hope not.

I was kind of proud of the fact that a newspaper associated with the MIT name doesn't always have to be bad.

Jeremy L. Warner '99



MIT Should Consider Extending Drop Date

Column by Thomas R. Karlo
CONTRIBUTING EDITOR

Those of you who intend to fill out one of those yellow forms and drop a class prior to Wednesday's deadline probably won't take much comfort in this, but MIT has one of the most liberal drop dates among the upper level colleges.

That's right. In this case, MIT gives it students more leeway and more flexibility than Columbia University (Nov. 14), Harvard University (Oct. 14), Yale University (Sept. 13), or Boston College (Sept. 9). Even Stanford University, with its late start to the term, cut off registration changes by Oct. 27. In an informal survey, the only college I could find with a later drop date was Brown University, with its Dec. 11 drop date, the last day before finals begin there.

Does this mean we should be setting our drop deadline earlier, to coincide with other

high caliber schools? If following Harvard was a good idea, we'd also let in a third of our undergraduates because their parents came to MIT. Good for the endowment, probably, but not such a great thing for the quality of MIT students. Sometimes Harvard and the other Ivys get things wrong. In this case, the school with the right idea may be Brown, the lone standout.

What does drop date mean for undergraduates at MIT? Why do we have it? Every term some of us are forced to perform triage on our academic goals, about this time in the term. It is not an easy thing either. It means admitting a degree of defeat and trying to redetermine our limits.

There are some people at MIT with an unrealistic sense of their abilities. We all know someone who goes and takes six or seven classes every term and then ends up dropping a couple, as they intended to from the beginning. I would be the first to assert this is a selfish and inconsiderate practice; by taking classes while planning to drop a certain number, these students intentionally steal resources from other students taking those classes honestly intending to complete them.

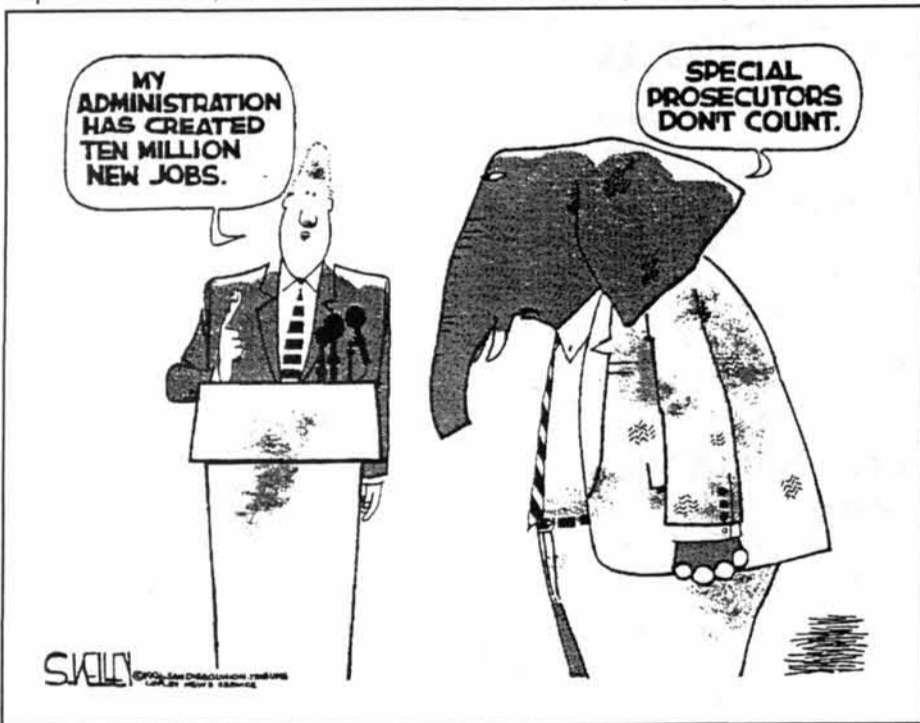
Does having a drop date two-thirds into the term discourage this, or does it in fact encourage the practice? It forces honest students to make tough decisions about their classes partway through the term, while allowing greedy students to use the time of teaching assistants, etc., who could be helping the students truly interested in completing a particular class or really needing that class to continue their education. In this function, the MIT's drop date fails.

Going to a drop date early in the term would alleviate the problem of students taking classes casually but would too greatly penalize students for taking risks and exploring new subject areas. MIT is tremendously competitive, and students are already very focused on their major area of study. If dabbling in a class from another field of study meant that you had to complete the course after the fifth day of classes (like at Boston College), I doubt many students here would see the risk to their GPA as worthwhile.

MIT students are already dangerously narrow in their knowledge and usually have to take half or more of their classes from within their major each term. And with MIT's gigantic tuition, few students who have finished their degree requirements a term or so early are able to spend a last term exploring literature or taking classes in a different discipline. We're all poorer for this, and it is one of the reasons that MIT graduates are so often considered technicians rather than scholars.

So, as much as I resent the fact that it would encourage some of the less ethical students to play the system, I think Brown has the right idea. Encourage students to explore classes outside their majors, and to try to expand their limits by taking risks. College is the right place, and the right time for this. It is when you are supposed to be able to make mistakes and learn from those mistakes.

The extra burden that an end of term drop date would place on MIT is insignificant compared to the benefits it would bring for the student population. Too often we see an emphasis placed on what's convenient for faculty and administration; this policy forgets who is paying to be here. MIT should give undergraduates the right to try hard up to the very end of classes and not penalize them for doing so. Both undergraduates and the university will be richer for it.



Opinion Policy

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

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

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

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

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THE ARTS

THEATRE REVIEW

Great performances
from students' plays

DRAMASHOP ONE ACTS

Kresge Little Theater.
November 14 to 16.

Featuring:

SidiS

Written by Lawrence K. Chang '97.

Directed by Van Van '97.

Starring David Day '98, Janet Chieh '99, Lin-Ann Ching '98, and Ken Clary '00.

Cyril and Harry

Written by MacMurray D. Whale G.

Directed by Charles Armesto '96.

Starring Ken Michlitsch '98 and Rob Marcato '97.

Five Fake Dreams in Six Short Scenes

Written by Eddie Kohler G.

Directed by Avi C. Weiss '98.

Starring Kevin Simmons '98, Sean Levin '97,

Jeremy Butler '98, Rachael Butcher '98,

Aomawa Baker '97, and Andrea Zengion '99.

By Teresa Huang

STAFF REPORTER

MIT's Dramashop recently produced its annual series of student-written and student-directed One Acts with great success. Anyone thinking that MIT students are not creative should think again. This year's series displayed enormous amounts of talent in the writing, directing, and acting in three plays, *SidiS*, *Cyril and Harry*, and *Five Fake Dreams in Six Short Scenes*.

The first play of the evening was *SidiS*, written by Lawrence K. Chang '97 and directed by Van Van '97, which brings the song "Killing Me Softly" by the Fugees to life. *SidiS* is the name of a restaurant in Boston, appropriately owned by Sid (Ken Clary '00), to which Gwen (Janet Chieh '99) brings her friend Quin (David Day '98) to celebrate his promotion to Tier Manager at his company.

Quin seems uncomfortable at the restaurant and tells Gwen later that it was at *SidiS* that his college girlfriend, the only girl he ever loved, left him. We don't hear much more about her at the time, but soon enough the college girl shows up at the restaurant, turning out to be pop star Jill Lee (Lin-Ann Ching '98), whose hit song "Blur in a Dream" was written about Quin.

The triangle of relationships and the uneasy situation created was most interesting. Was Gwen just a distraction or a possibility for Quin? Was Jill playing with Quin's emotions by writing a song about him or was she expressing her feelings? The conflict between songwriter and subject was strong and their interaction was wrought with resentment and tension, excellently carried by Ching and Day. Playwright Lawrence K. Chang '97 said after the performance that part of his inspiration for the script came from listening to Top 40 radio and wondering whether love songs were just fiction or if there was some truth behind them and how someone would respond to a having a song written about them.

The relationship between Chieh and Day was more troublesome. Their intentions and motivations were made clear through their words, but the interaction itself was not believable. The audience knew how they should be interacting, but it was not always right. Chieh came off as haughty and a bit too comical in her voice inflections and motions,

creating an interesting blend of humor and severity which may have not been in the script.

Perhaps the weakest part of this play was Sid, the owner of the restaurant *SidiS*. Besides representing an element of Quin and Jill's past, his significance in the plot is fuzzy and a little too convenient.

The most interesting part of *SidiS* was "Blur in a Dream," the fictional song by Jill Lee. Including an original song in the script that needed to be a believable Top 40 hit was a bold move by the playwright, and though the excellent music by Elissa Lee '98 and Peter Cho '97 was up to the task, the result was a little cheesy and may have been an unnecessary addition to the play.

Cyril and Harry was the second play of the series, written by MacMurray D. Whale G and directed by Charles Armesto '96. The title characters Cyril (Ken Michlitsch '98) and Harry (Rob Marcato '97) fight, throw papers, and wax philosophical while working in a non-descript office doing non-descript paperwork. The audience immediately questions who they are and what their interaction means in this extremely complex and powerful play.

Definite dichotomies between their characters are created, explored, and expanded. Harry is neat, organized, and exact while Cyril is lax and disheveled in appearance. Harry does his work and Cyril doesn't. Cyril dreams and Harry doesn't. They are thought to be opposites at first, or at odds with each other, but it is evident at the end that they are exactly the same, as the characters themselves state. Boundaries are broken, and a lot of questions are asked. Who is living? Who is dreaming?

Cyril dreams but goes no further. Is Harry not living because he only works?

The questions are explored in a terrifically subtle manner. Armesto told the audience after the performance that when he was directing the actors, he did not plainly explain to them the message they would be conveying — he did not want them thinking of their characters in terms of the other character — but rather developed each character separately. The result was two fantastic individuals who were people, not mere representations of the play's message. Their interaction is real, though they convey ideas on a much higher level. The intensity and talent of the writer, director, and actors were evident in every aspect of *Cyril and Harry*, making it my favorite performance of the series.

Five Fake Dreams in Six Short Scenes, written by Eddie Kohler G and directed by Avi C. Weiss '98, was the final play of the evening and definitely the most unusual. The dreamer Ethan (Kevin Simmons '98) opens the play with plenty of cursing over stubbing his toe, only to find himself in the cheesiest representation of Heaven imaginable crossed over with the Land of Oz. His dreams lead him through incredibly creative, provocative, and humorous situations until he finally finds himself chatting with Vladimir (Jeremy Butler '98), who is described in the program as the "angelic bureaucrat."

The script carries a dream-like quality through the scenes very well, and the constant bewilderment of the dreamer Simmons adds to the effect. All of the acting was excellent. A five-member cast supports Simmons in his dreams in a variety of characters, including everything from a perverted Tin Man (Sean Levin '97) to Pippi Longstocking (Aomawa Baker '97) to tacky angels (Andrea Zengion '99, Rachael Butcher '98, and Baker).

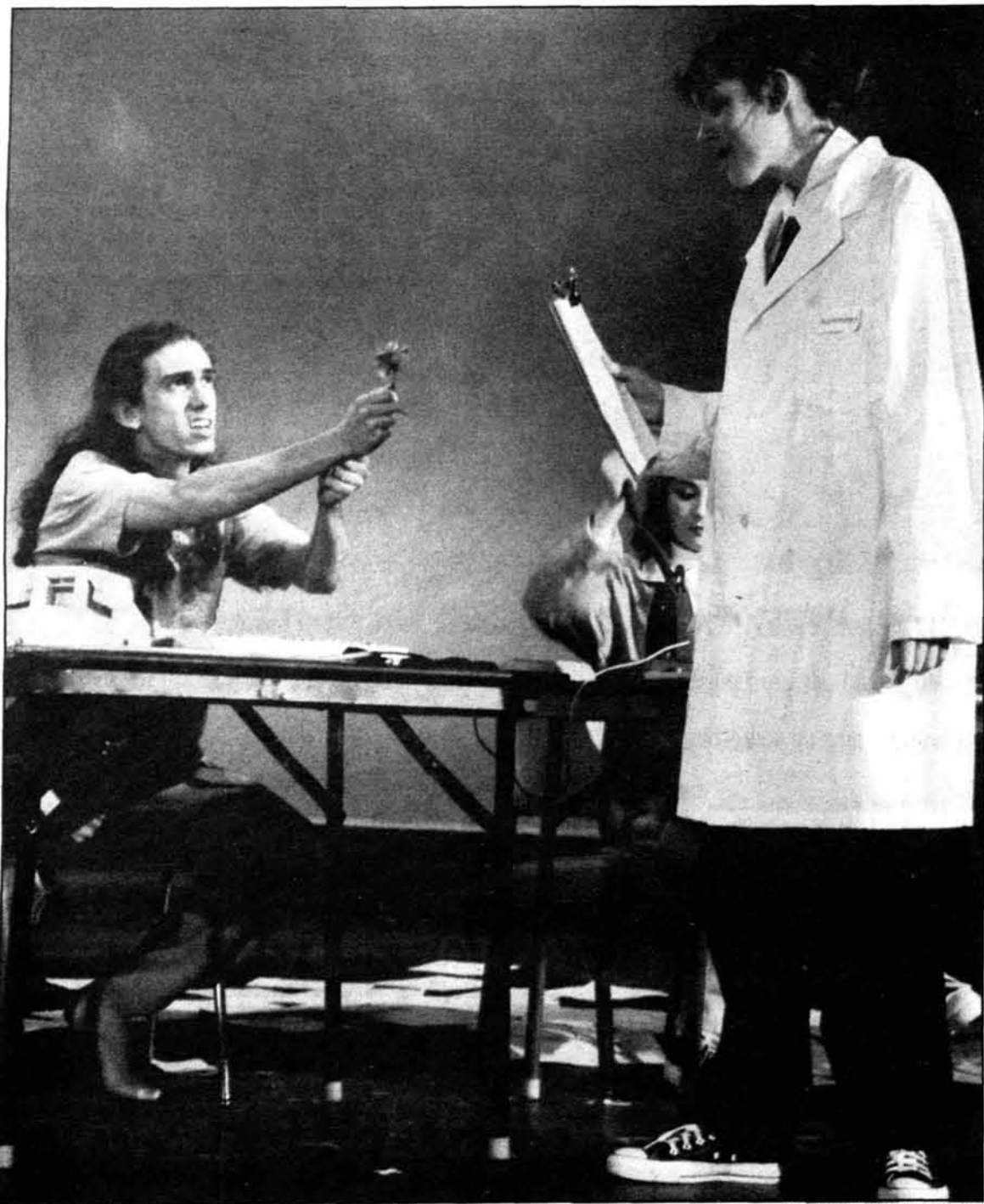
The details of Ethan's dreams were far-fetched and fantastic. Kohler could probably go work for Quentin Tarantino with this on his resume. The script was complex and filled with questions and revelations, as most dreams are. As Ethan says, "Dreams ask the questions you don't want to ask... maybe the questions need to be asked." Each dream was carefully constructed and presented with its own costume and lighting scheme, and each with its own personality. *Five Fake Dreams in Six Short Scenes* contained some of the most brilliant acting and writing of the evening, and was most exceptional.

Dramashop's student-written and student-directed One Acts was young talent at its best. The series gives opportunities to students interested in all aspects of the theater and is one of the most important theatrical endeavors of the MIT community. All three plays showed extremely impressive amounts of genius and hard work, showing that leaving something in the hands of MIT students is sometimes the best thing to do.



ADRIANE CHAPMAN—THE TECH

Ken Michlitsch '98 (right) and Rob Marcato '97 in *Cyril and Harry*, written by MacMurray D. Whale G, performed this weekend as part of Dramashop's One Acts.



ADRIANE CHAPMAN—THE TECH

In *Five Fake Dreams in Six Short Scenes*, Ethan (Kevin Simmons '98) finds the one beautiful thing in the office, but his supervisor (Andrea Zengion '99) doesn't share his enthusiasm.

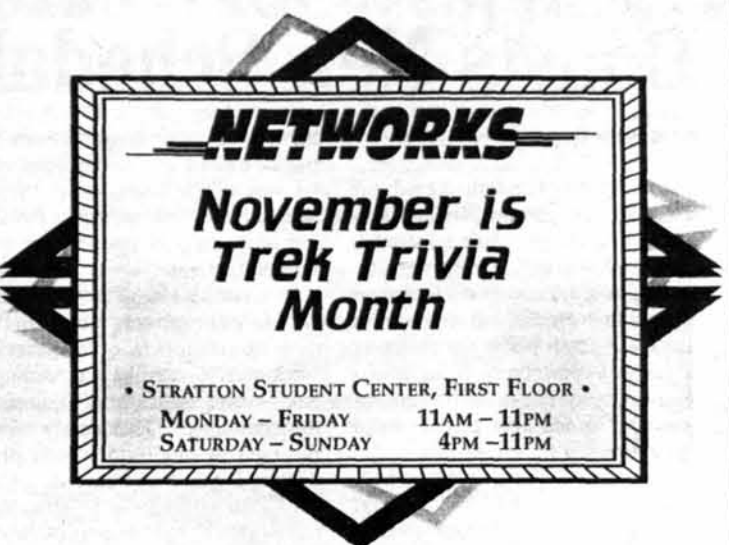
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Thomas Respress '96

Thomas J. Respress '96 died on Oct. 15 in Minneapolis, Minnesota.

Respress died from a brain aneurysm while working out in a gym, according to Jonathan L. Shingles '96. "Tom was very active in [intramurals], especially basketball," Shingles said.

At the time of his death, Respress was working as a computer programmer for the C.H. Robinson Corporation in Bloomington, Minnesota. He was involved with intranet and Internet development and was working on client-server development, said his aunt Jennifer Ames. Respress was well liked at his job because "he was really a quick learner, and he knew quite a bit about software engineering," she said.

Respress, a brother of Sigma Alpha Epsilon, had majored in electrical engineering and computer science at MIT. While at MIT, Respress was active in interfraternity issues and served on the Interfraternity Council Judicial Committee during rush.

"He was a really good guy and knew a lot of people on campus, not just other SAE guys," said SAE President Christopher M. Yanney '97.

Respress often attended MIT sports teams' home events and integrated himself into the community as a whole, Yanney said.

"A lot of the freshmen said he was the only guy you could really talk to. He didn't keep to himself and was a really good friend to be around," Yanney said.

Respress was laid to rest on Oct. 19 at the Dawn Valley Funeral Home in Bloomington, Minnesota. Eleven of his 12 pledge brothers and three other members of SAE attended the funeral.

SAE held a memorial service for Respress last Sunday night. "Everyone there agreed he never said anything bad about anyone else. Everyone really trusted him and talked to him as a friend," Yanney said.

Shingles said that Respress had been a true friend to many members of SAE. "His loss deeply saddens all of us. He will always be with us in our hearts and memories."

Renovated Thirsty Ear Pub Boasts New Schedule of Events

By Austin Frakt
STAFF REPORTER

The Thirsty Ear Pub started this semester with a major \$10,000 face-lift and a new schedule of weekly and monthly events.

The pub, located in the basement of Ashdown House, has served as a regular meeting place for members of the MIT community. It received a loan in the spring to make renovations and to add new entertainment equipment and furniture.

In addition, the pub has scheduled regular weekly and special monthly events, including weekly Monday Night Football parties and monthly wine tasting parties.

On Saturday, the pub will host its second wine tasting party of the semester. This month's theme is Italian wines and the price, \$12 for students and \$15 for non-students, includes dinner. The last wine tasting event of the semester will be held in December and will feature champagne.

In addition, the Thirsty Ear now holds a license to host live entertainment, which includes bands, comedians, and other live performers.

Plans slowed by ADA requirement

The Thirsty Ear executive committee began the process of planning a renovation for the pub in 1994. An architect was hired and a small-scale cardboard model of the changes was built.

A change in plans that required moving the main entrance slowed

the renovation process. The original plans ended up being canceled because of the higher cost required to make the renovated pub compliant with the 1990 American with Disabilities Act.

"Ashdown House is not currently ADA compliant. However, all new construction or renovation work at MIT must be ADA compliant," said Donald Chery G, chair of the committee. "That nearly tripled the cost of our renovations plan, making it way over budget."

As an alternative to structural renovation, the pub took out a \$10,000 loan last spring to add new entertainment equipment and furniture and to make changes behind the bar.

About \$6,500 went toward the purchase of a projection screen television, a home theater sound system, a VCR, tables, and chairs. The remaining \$3,500 was spent on enlarging the area behind the bar, adding a dishwashing machine, and purchasing new glassware. The changes were completed over the summer.

"The original equipment was failing and we wanted to make some improvements," Chery said. "The housing office was extremely patient, amiable, and supportive throughout this whole process. In the interest of improving graduate life on this campus, they even sponsored the loan."

Pub complements Muddy Charles

The Thirsty often serves as a

meeting place for MIT graduate students, staff, faculty, and others who enjoy the inexpensive drinks and friendly atmosphere at the pub.

"It's a good atmosphere where you can feel at home, and the drinks are cheap," said Joseph E. Nemecek G.

"It's a good place to hang out. There are friendly people and a good atmosphere," said Myron L. Freeman, who works the department of electrical engineering and computer science. "A lot of staff come in Friday night to cap off the week."

The Thirsty Ear Pub opened in the early 1980s and its name is rumored to be a play on the name of a popular San Francisco club called the Hungry Eye.

The pub is open every weekday until 1 a.m. and reserves the weekends for special events. Campus groups may rent out the pub on weekends and now may have live music groups or other live entertainment.

The Thirsty Ear and the Muddy Charles, located in Walker Memorial, are the only two pubs on campus. However, the Thirsty does not view itself in competition with the Muddy.

"We try to complement, not compete with, the Muddy Charles," Chery said. "We strive to offer different kinds of events. Because they used to do jazz lunches, we haven't. Likewise, we do wine tastings since they haven't."

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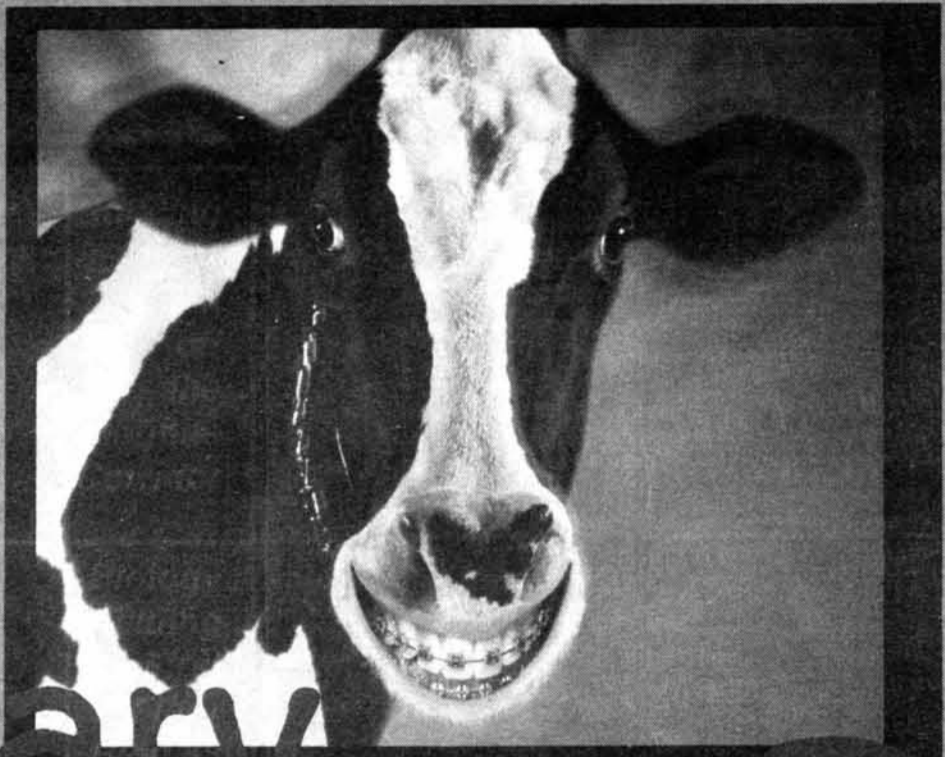
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Changes Planned for Design of 77 Massachusetts Ave.

Construction, from Page 1

level of pedestrian traffic, Woodbury said.

Other changes planned for street

Parking will be preserved on both sides of Massachusetts Avenue past Albany Street. In this area, the number of traffic lanes will be reduced to three, with two going toward Central Square and one going towards MIT.

The change will facilitate a smoother transition into the Central Square area, where the redesign of Massachusetts Avenue has reduced the number of travel lanes to one in each direction.

New bicycle lanes will connect the lanes constructed at MIT to those at Central Square. The western sidewalk of Massachusetts Avenue will be reduced by two feet as a result.

The most prominent change to

motorists will be a complete redesign of the Main Street intersection, which is currently extremely dangerous because of its layout, Woodbury said.

In the redesigned plan, Main Street will curve into Columbia Avenue, and a new road will be constructed from Sidney Street across Massachusetts Avenue to Main Street. "This will make the intersection safer," Woodbury said.

Traffic lights will allow

motorists to turn from Main Street onto Massachusetts Avenue. Currently, traffic cannot turn left at that intersection.

To facilitate the redesign, the Shell station located at the corner of Main Street and Massachusetts Avenue must be purchased and demolished, Woodbury said. "Construction of the road is contingent on acquisition of the property," she said.

The Massachusetts Highway Department, which is administering the construction of the project and providing all funding, is currently in acquisition talks with the owners of the station.

The current path of Main Street in the area will become a park in the final phases of the project.

Fewer cosmetic changes planned

The city does not plan to make the same cosmetic changes to the path of Massachusetts Avenue that it made in Central Square.

The area of Massachusetts Avenue between MIT and Central Square is currently "not a very inviting area," Woodbury said.

To fix this problem, "trees will be planted where there are no trees," Woodbury said. The city and state also plan to introduce standard sidewalk designs and curb cuts for handicapped accessibility.

At 77 Massachusetts Avenue, the city will introduce a "curb extension," which will increase the width of the sidewalk through the parking area of the street, Woodbury said. The increase in sidewalk will decrease the total width of the intersection and allow pedestrians to see beyond parked

cars, improving safety.

Curb extensions will not be used at most other corners along the project area, however, as the levels of pedestrian traffic are not as high as in Central Square, Woodbury said.

Traffic lights along the project will be upgraded, and a new signal will be erected at Landsdowne Street for traffic exiting the University Park development. In addition, old-fashioned light poles will be used along the route to beautify the area, Woodbury said.

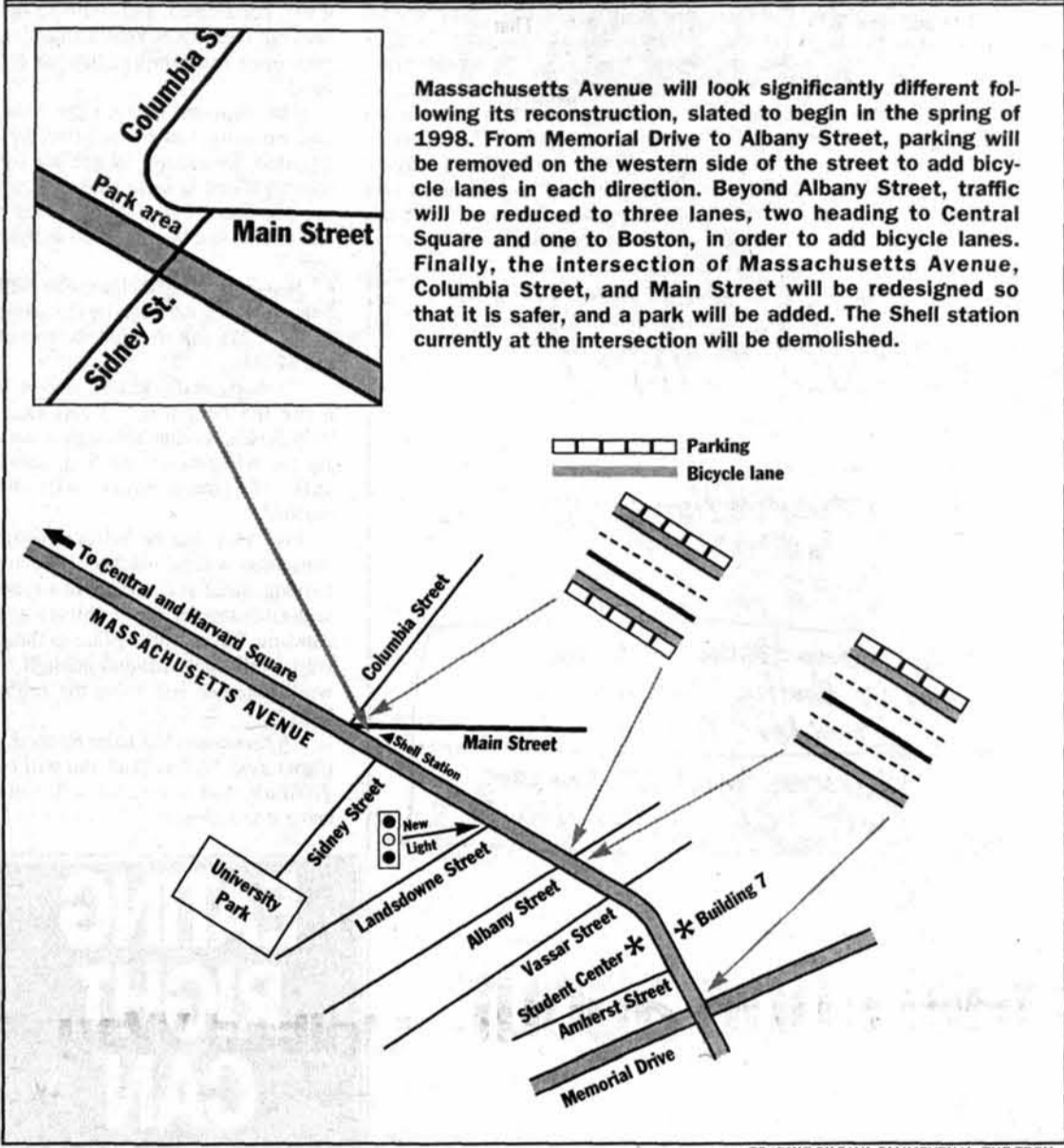
MIT concerned about redesign

"We're concerned about what [the City] is proposing," Director of Planning O. Robert Simha MCP '57. MIT is worried about the paths of the travel and bicycle lanes in the area of MIT and is concerned for pedestrian safety, he said.

MIT "continues to have discussions" with the city about the location and positioning of the lanes in the area, Simha said. "We're concerned with the safety of our community."

Simha said that MIT once considered pedestrian bridges across Massachusetts Avenue to reduce the risks to pedestrians. However, the plan was discontinued, as it would have required individuals leaving the main campus to walk up additional flights of stairs to reach the height of the bridge.

MIT eventually hopes to build a tunnel from the Student Center to Building 7. The tunnel would "allow us to meet more of our handicapped needs" by providing direct pedestrian access to all of main campus, Simha said.



GRAPHIC BY SAUL BLUMENTHAL-THE TECH

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Student Leaders Disagree About Activities Funding

CAB, from Page 1

being missed by the current funding process," said GSC Treasurer Lawrence D. Barrett G. "We are trying to assess all the problems and issues and decide what is the best way to address them."

"We know that groups need the money, but we want to create something reasonable that isn't a one-time thing," Carter said. "The goal is still to allocate the money this term, although I am not sure it is feasible. But the money will be handed out as soon as we reach a consensus and some kind of decision."

Students disagree about CAB

The board can serve functions that range from keeping track of where the money is all the way to replacing the two financing boards

under the UA and GSC that distribute money to student groups, said ASA President Douglas K. Wyatt G.

"I think the CAB would be a very good thing," Wyatt said. "I have always had the idea of having an overall funding board. The current system is broken inherently and it hurts the students to force them into discrete categories of graduate and undergraduate."

Others disagree with the idea of a new board. "My general feeling is that the solution should be to try to work and improve the UA and GSC finance boards," Barrett said. "At this point, I don't believe there should be a third board. Another board would just contribute to more bureaucracy and confusion."

Centralization of information, which includes letting all student activities know where money is

available and where money has gone, is not the same thing as the centralization of money, Carter said. "I think the CAB should be a centralization of information, not money," he said.

"One of the big things that has been brought to my attention is the importance of a funding process for the UA and GSC," said Anthony J. Ives G, team captain for CCR. "It is a big part of what they do, and if a third board takes that away from them, then it is not a good thing."

"The UA has the feeling that the CAB has the potential of taking away money — and thus power — away from it," Wyatt said. "But the CAB can be populated by UA members. The board has the potential to do good things."

The fact that funding is handled by two organizations with two different processes makes the current

process unfair, Wyatt said. "We should not be concerned about whether the group is mostly made of undergraduate or graduate students, as it currently is, but [instead] look at the student population as a whole."

Combined board polarized

Even if the two existing funding boards are combined into one, the same problems will persist, Barrett said.

"Each group has its own specific needs that are best served and understood by their representatives," Barrett said. "It doesn't make sense to have two boards in one."

Carter agreed. "If the boards are combined, then it will be polarized anyway," he said. "The graduate student members will be taking care of the graduate student activities, and the undergraduate student mem-

bers will be taking care of the undergraduate student activities."

Before CCR made its final recommendations, they "informed the community about the plan, but it is really hard to discuss when it is just on paper," Ives said. "They did raise some concerns, but we figured that we would work out the specifics later. This controversy is not unexpected."

"I have always known about the problem of creating a third board," Carter said. "We were assured that it was not defined, and could be figured out later. CCR kept themselves very open for interpretation on the issue."

The ideas are now on the table, and nothing has been officially decided, Ives said. "I am all for moving ahead to solve student funding problems, but I honestly don't know what the best solution is right now."

It is currently unclear who will make the final decision on the scope of the CAB and the distribution of the \$40,000.

"Nobody really knows who will make the decision," Wyatt said. "My feeling is that although a consensus will not be reached, some sort of compromise will be reached."

Ives said that he believes some consensus will be reached. "We are moving ahead and coming to a clear understanding of the problems and concerns," Ives said. "I like to think we are all open minded enough to work together and solve the problems."

"A consensus has to be reached," Carter said. "It has been and will be difficult, but necessity will help bring it to a close."

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 & \text{Arts} + \text{Business} + \text{News} + \\
 & \text{Opinion} + \text{Photography} + \\
 & \text{Production} + \text{Sports} + \text{Technology} \\
 & = ???
 \end{aligned}$$

Hint: Answer appears at the top of page 1 and every other page.

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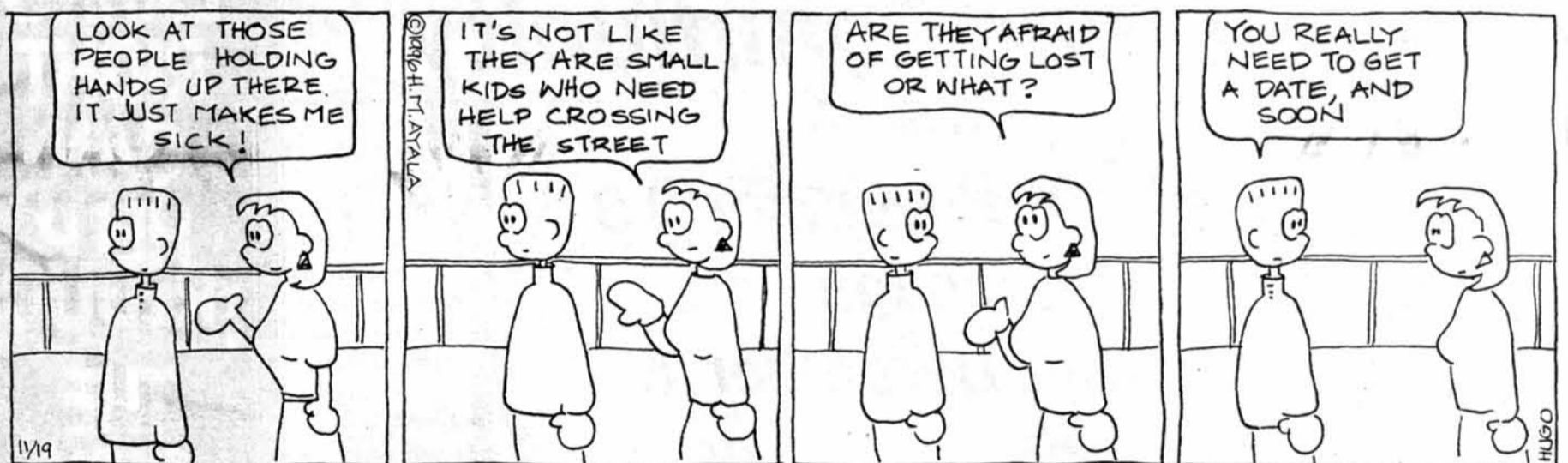
Dammed for Life

By Jca



Off Course

By Hugo



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ACROSS

- 1. Bottom
- 5. Bit; Scrap
- 8. Stop the flow
- 12. Range; scene
- 13. Each
- 14. Microphone (slang)
- 15. Circle
- 16. Resort bath
- 17. God of War
- 18. One who takes another out
- 20. Without purpose
- 22. Narration
- 24. Fuss; Stir
- 27. Rough casing around seeds
- 28. 4th letter, Greek Alphabet
- 32. Pilgrim
- 34. Leaky
- 35. Tidbit
- 36. Age
- 37. Single
- 38. Uttering
- 41. Intertwined
- 44. Church platform
- 48. Claim; charge
- 49. Beverage
- 51. From Gr. Ares (comb. form)
- 52. 43,560 sq. ft.
- 53. Take advantage
- 54. Type
- 55. Footwear

- 56. Half qt. (abbr. and pl.)
- 57. Pig pens

DOWN

- 1. Poet
- 2. Melody for one voice
- 3. Send (p.t.)
- 4. Ready
- 5. Rhea
- 6. Fix
- 7. Feature
- 8. Lesser
- 9. Wheel
- 10. Squeezes
- 11. Snafu
- 19. Gave back
- 21. Virgin Mary
- 23. Dog
- 24. Just
- 25. Daughters of the American Revolution (abbr.)
- 26. Shout of approval
- 29. Card game
- 30. Brewer's vat
- 31. Enzyme (suf.)
- 33. Afternoon show
- 34. Hawaiian dish
- 36. Oldest
- 39. Slack off
- 40. Lens
- 41. Bad case of the _____
- 42. Wealthy
- 43. Air (comb. form)
- 45. Lope
- 46. Airy; aerial
- 47. Spoils
- 50. Copper or bronze money

PUZZLE SOLUTIONS FROM LAST ISSUE

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Netscape's Andreessen Speaks About Business in \$50K Talk

Andreessen, from Page 1

At the time, the Internet was not thought of seriously as an important communications medium.

However, "if you want to be a leader, find a parade and jump in front of it," Andreessen said. "Everyone's on the verge of the same idea at the same time, and that's when someone should start a company."

Andreessen and Clark ended up developing Mosaic, a Web browser that served as the precursor to the current Netscape Navigator model.

Andreessen then talked about the business side of starting the company, finding good management teams, and coming up with enough capital in order to launch an idea into a successful business.

That is the stage when the company can be made or broken, Andreessen said.

Next, the company needs to

find a person who has the "experience, right attitude, and inclination to work with the company" to be the president and CEO, Andreessen said. Netscape chose James Barkdale, the company's current head, with those criteria in mind.

Competition for a Netscape, like Microsoft's version of the Web browser Internet Explorer, is generally good for the company, Andreessen said.

"Competition gives you a sense of urgency. You can direct your company against it. It scares everyone in the company," Andreessen said. As a result, people will be more efficient in getting a product out the door.

"After all, Netscape grew from around six people to about 1,500 now," he said.

Student positive about talk

Most students enjoyed

Andreessen's talk.

Andreessen was a good speaker for the topic of starting a company, said Eve M. Phillips '98, a member of the \$50K organizing team. "He took an idea and made a lot of money out of it, and that's what a lot of people out there want to do."

"I went because I wanted to hear how a big business like [Netscape] comes about and develops over the years and how the founders have the intuition to do things like that," said Madhusudan Sarda '00.

Most agreed that Andreessen was a good choice for a speaker for the \$50K competition. "I think a lot of people at MIT can relate to him more than just any CEO because he was an engineer and a computer scientist, and that's where they're coming from," Phillips said.

Andreessen's "presence and what he has done have been inspiring for a lot of people out there," she said.

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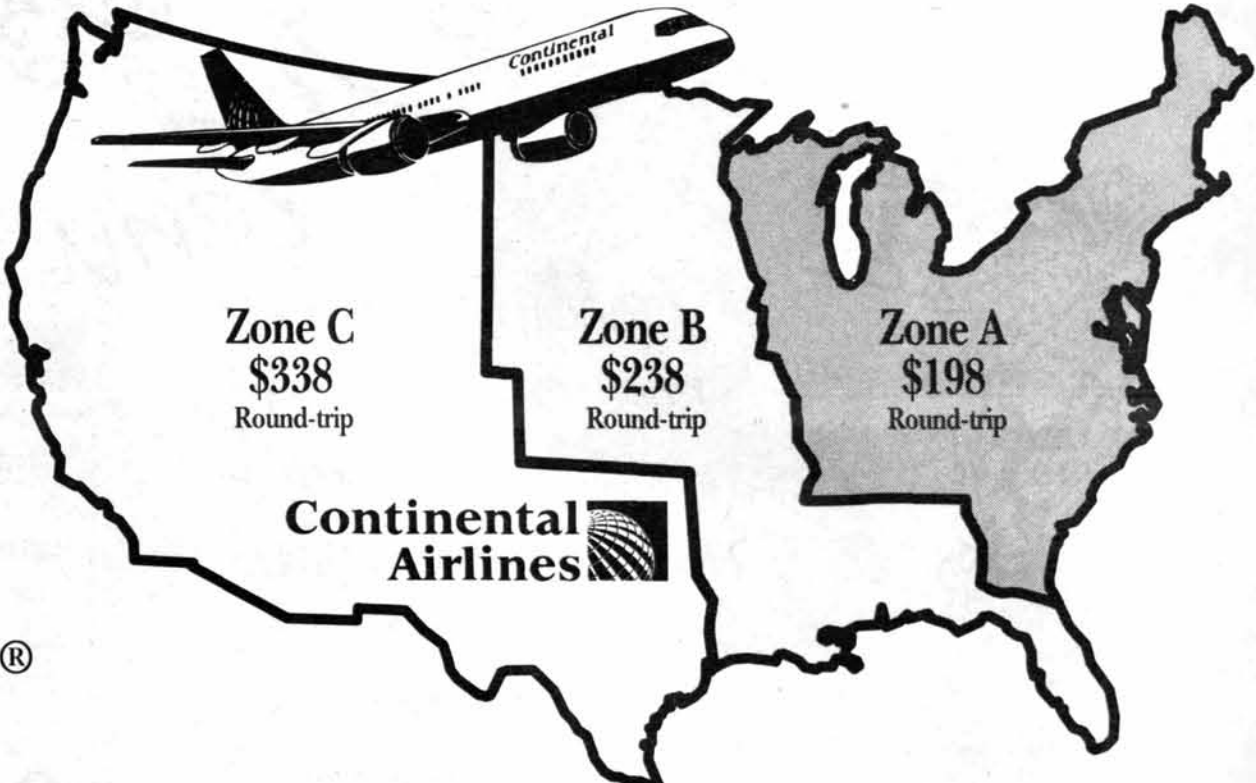
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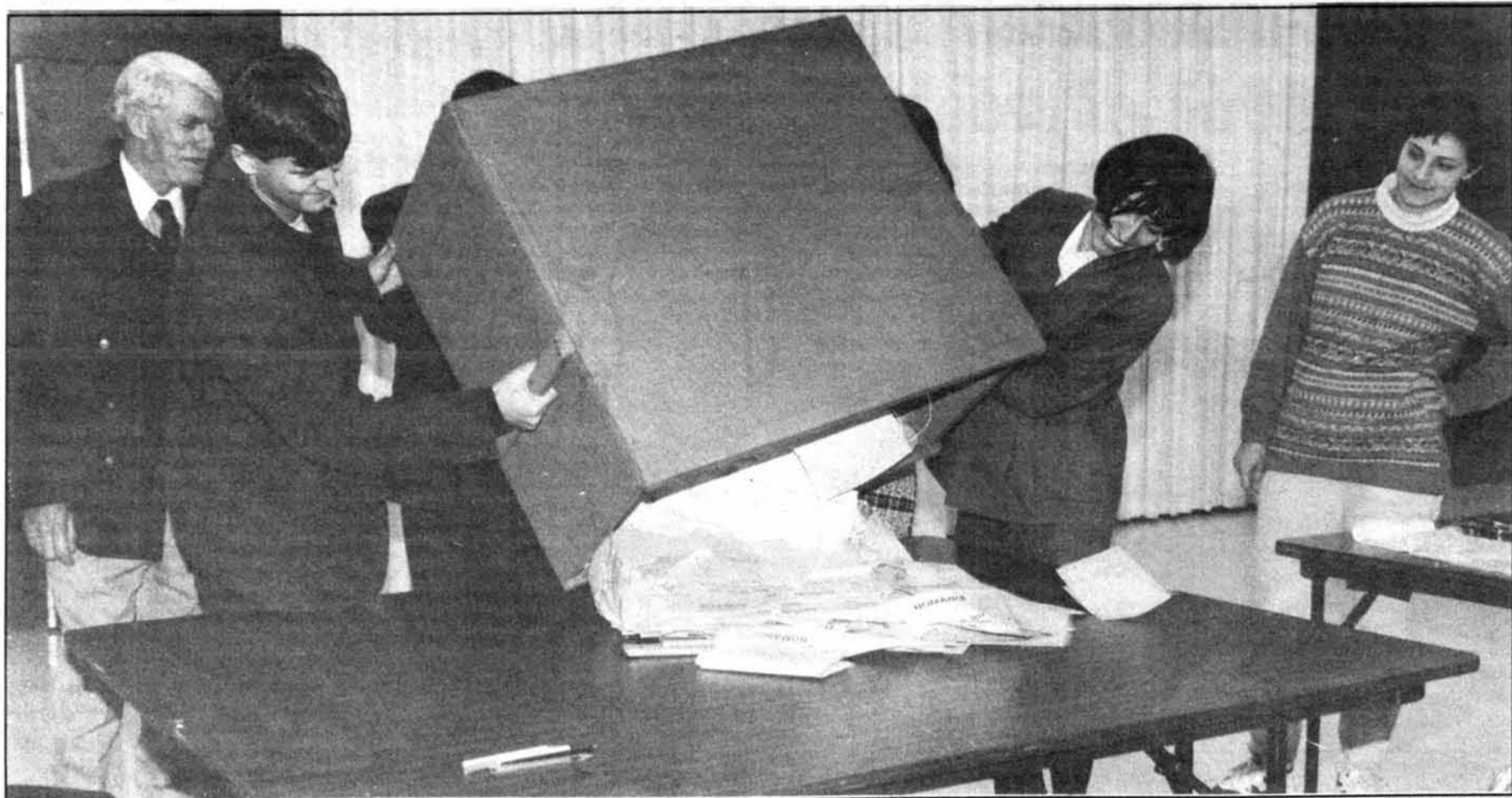


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GABOR CSANYI—THE TECH

Votes of Romanian citizens living in and around Boston are counted at the MIT polling station on Nov. 3 for Romania's general election. Over 150 votes were cast at MIT. Yesterday, Emile Constatinescu, a pro-Europe reformer and a geology professor, emerged the victor in the presidential race by a clear margin.

Thanksgiving Menu



- Turkey Rice Soup
- Roast Carved Turkey
- Mashed Potatoes
- Herb Stuffing with Gravy
(stuffing contains no nuts)
- Buttered Corn
- Butternut Squash
- Green Peas
- Cranberry Sauce
- Rolls and Butter
- Freshly Baked Cake or Pie
- Choice of Beverage



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- Arts
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- News**
- Business
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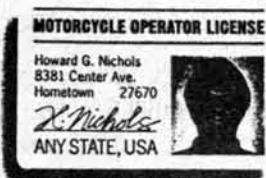


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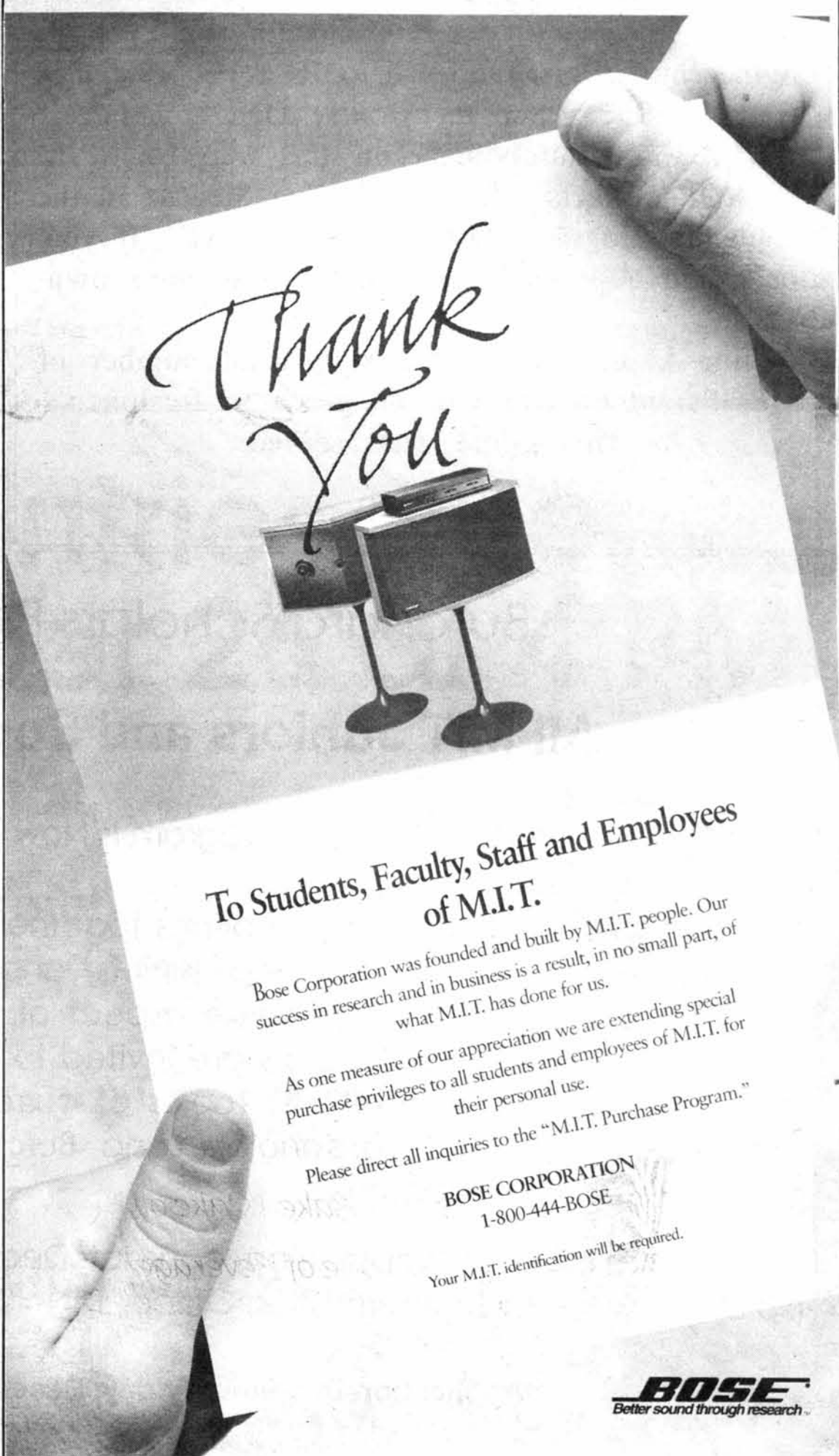
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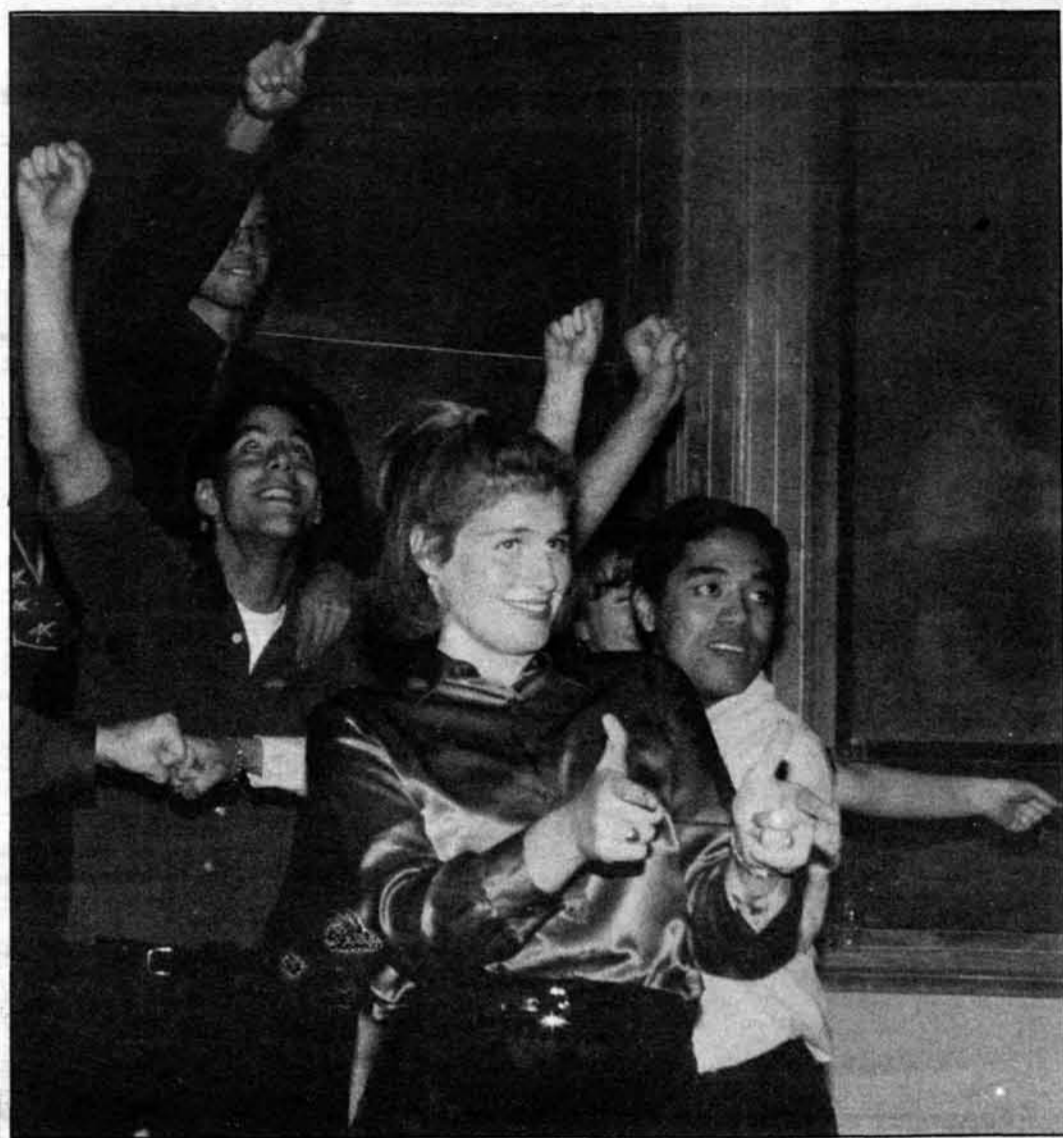
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For information or an application, contact: Dean's Office, SHSS, E51-255 (x3-8961) or the HASS Information Office, 14N-408 (x3-4443).

Application Deadline: Friday, December 6, 1996

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TIFFANY LIN—THE TECH

MIT-Wellesley a capella group The Toons took center stage with Saturday evening's performance of "We Got the Beat" in 6-120.

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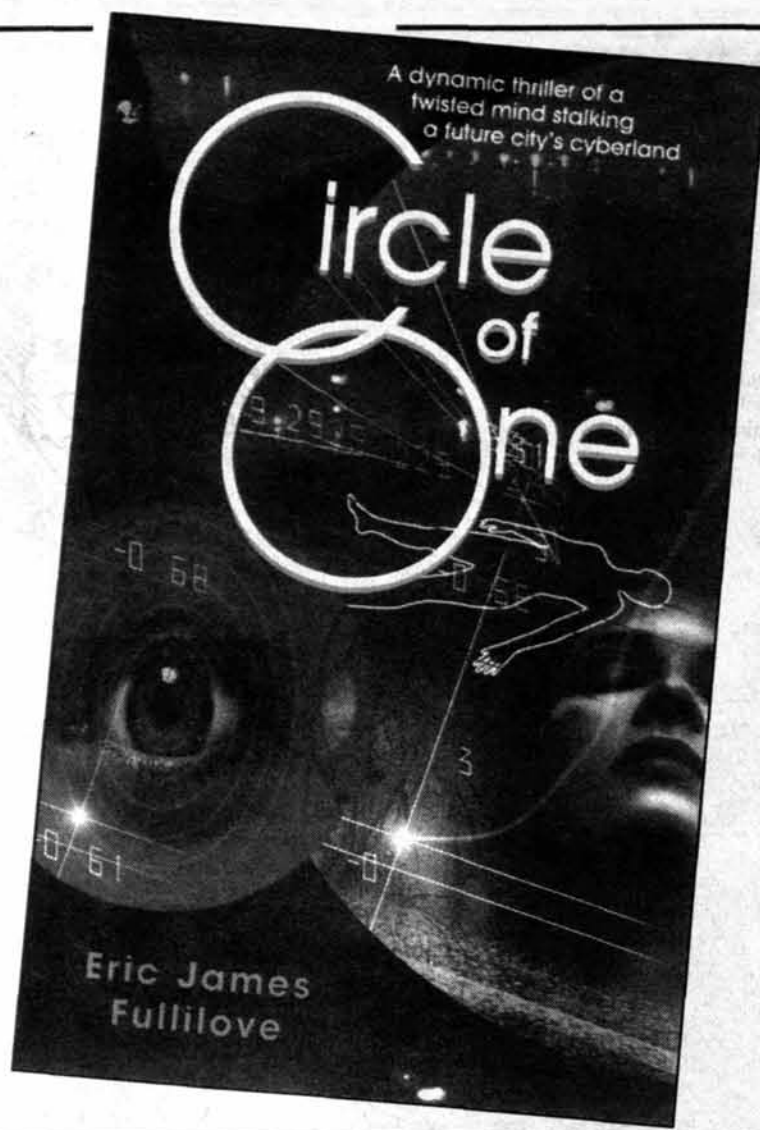
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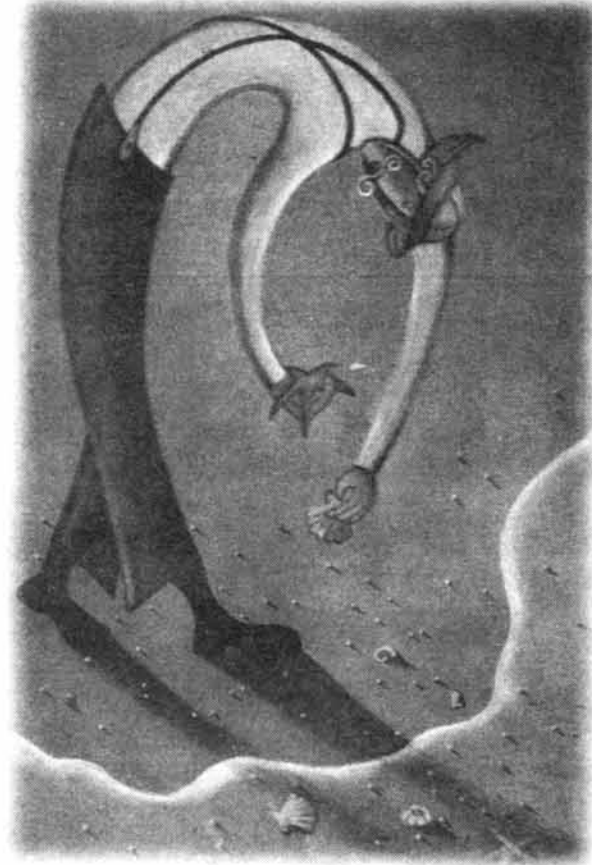
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Stacey's Journal

by Stacey

Wed 20 Lecture 19 Preparation for Quiz 2: problem solving, ethics
Note: You must attend this lecture. Failure to attend this lecture will result in failure of the quiz.
Quiz 2 (take home) handed out.
Drop Date.

Tomorrow, attendance in 6.046 is mandatory.



I think the professor is going to take attendance.



Then maybe he'll find out who I am.



I wonder if he actually cares.



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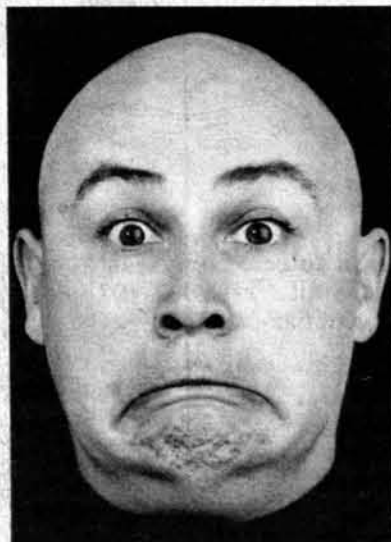
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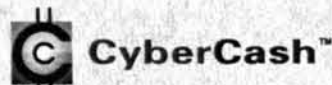
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The Committee on Campus Race Relations



Photo by Justin Knight

Grants Program

The Committee on Campus Race Relations invites applications to fund projects and events to improve race relations at MIT.

All members of the community — students, faculty, and staff — are encouraged to apply. For applications and more information, please call Ayida Mthembu, 253-4861 or Liz Connors, 253-5882 or drop by Room 3-234.

**Deadline for proposals:
Monday, December 9, 1996**

The next application deadline is Tuesday, April 15, 1997.

POLICE LOG

The following incidents were reported to the Campus Police between Nov. 8 and 14:

Nov. 8: Bldg. E40, wallet stolen, \$20; Bldg. 14, annoying e-mail; Bldg. NE43, day pack and cell phone stolen, \$430; Walker Memorial, homeless person living in area; Student Center, bicycle stolen, \$450.

Nov. 9: Bldg. 26, \$15 cash stolen and several hundred dollars charged on stolen credit cards; Bldg. 5, wallet stolen, \$20.

Nov. 10: Religious Activities Center, 1) computer stolen, \$1,000; 2) TV/VCR stolen and later recovered; Dupont Gymnasium, bicycle stolen, \$280; MacGregor House, bicycle stolen, \$200.

Nov. 11: Bldg 16, broken glass; Bldg. 66, suspicious activity; Bexley Hall, harassing phone calls.

Nov. 12: Bldg. 13, chain stolen, \$150; Bldg. 34, table stolen, \$100; Bldg. 3, suspicious person; Bldg. 12 and Bldg. 4 women's restrooms, suspicious activity; Dupont, sneakers stolen, \$40; MacGregor, harassing phone calls.

Nov. 13: Bldg. 26, bulletin board vandalized; Bldg. 13, walkman stolen, \$90; Bldg. E19, MIT Card stolen; Bldg. 3, laptop stolen, \$1,000; Bldg. 12, suspicious persons sleeping in room; Student Center, backpack stolen later recovered; 33 Massachusetts Avenue bicycle rack, bicycle stolen, \$100.

Nov. 14: New House, noise complaint; Random Hall, Bldg. 1, 24, 54, E18, 14, W31, 10, 9, 11, annoying phones calls; Bldg. 37, class

\$30,000 Lemelson-MIT Student Prize

The Lemelson-MIT Prize Program is currently accepting applications for its \$30,000 Student Prize to be awarded on February 11, 1997 to a MIT graduating senior or graduate student who displays a remarkable talent for invention and innovation. Please call 253-3352 or send email to dbell@mit.edu for more information and for an application form. **Application Deadline: December 11, 1996.**

Help Boston and Cambridge residents have a happier Thanksgiving. Donate canned foods and other non-perishables to the Hunger Action Group's canned food drive, today through Thursday outside of Laverde's Market in the Student Center.

You can also donate money from your meal card at any food services cash register on Thursday of Friday to help alleviate hunger in Africa and Central America.

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Survey Reveals Correlation of Satisfaction and GPA

Survey, from Page 1

ally been uncomfortable with the environment at MIT because they represent a minority, Lipson said. But as the numbers of women at MIT increase, the statistics may begin to change.

"This is certainly on the agenda of the new Dean's Office. To look at data and ask ourselves, 'OK, we changed our admissions policy. How does the experience of women's students look now?'" said Dean for Undergraduate Education Rosalind H. Williams.

Indeed, a 1995 survey asking sophomores to evaluate their freshman year experience no longer showed as many gender differences. Women appeared equally satisfied with their freshmen year. However, gender differences in self-esteem persisted, Lipson said.

While 88 percent of seniors considered self-esteem to be very valuable, only 35 percent said their self-esteem had improved during their undergraduate career.

Forty-two percent of men said their self-esteem had improved, versus 23 percent of women.

"There are elements of the MIT culture that very deliberately undermine self-esteem," Williams said.

GPA colors students' experience

Another finding was the correlation between students' GPAs and their attitudes about themselves and their college experiences.

Eighty-four percent of those with GPAs ranging from 4.57 to 5.0 were satisfied with their undergraduate years, compared with 53 percent of students with GPAs lower than 3.88.

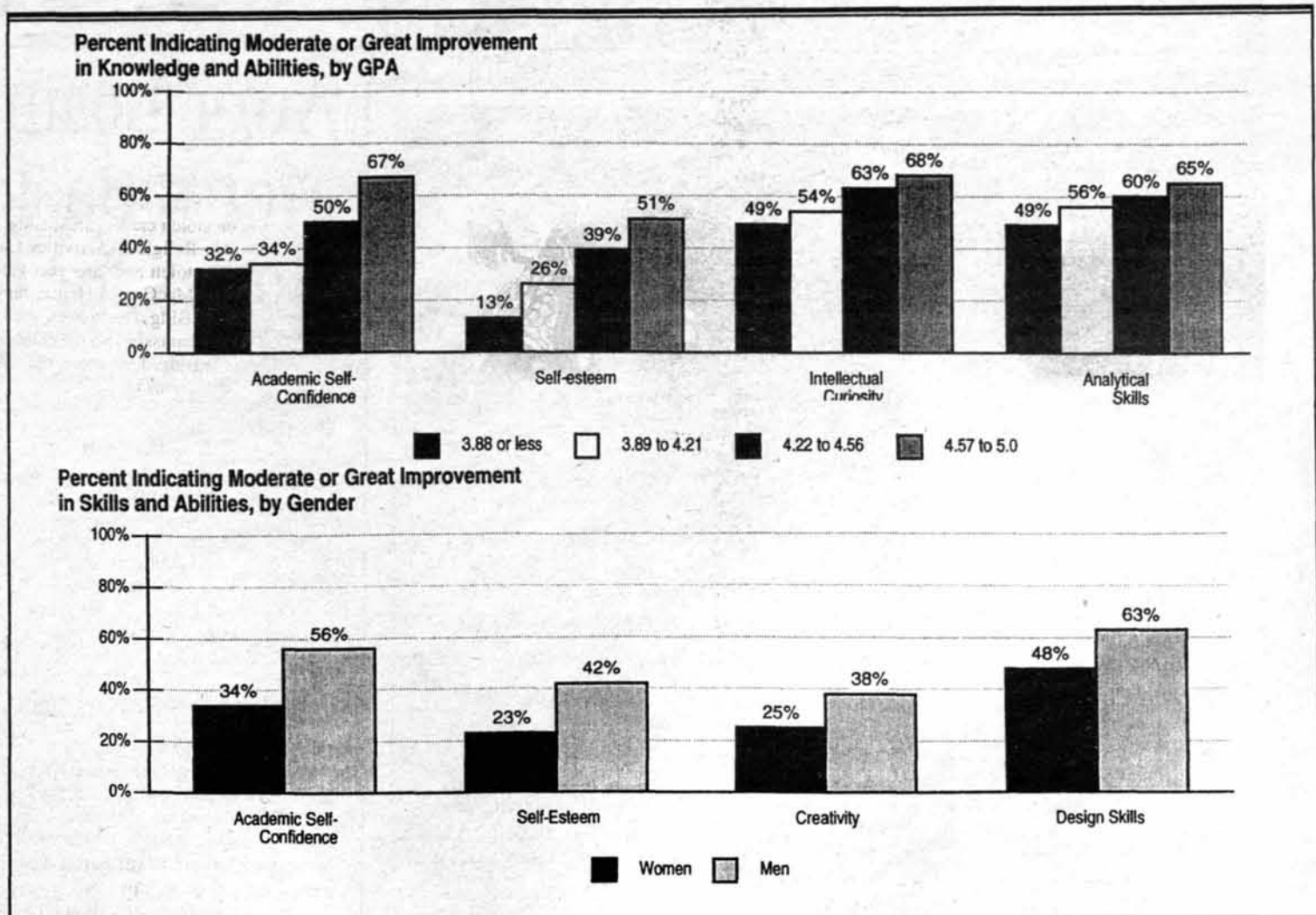
Students with high grades were also more satisfied with their major and had more self-esteem and academic self-confidence.

"I was absolutely amazed about how the GPA is like a lens that students look through," Lipson said.

Participation in the Undergraduate Research Opportunities Program was also strongly linked to several perceptions.

Eighty-six percent of seniors reported having participated in UROP, making its popularity as an activity second only to living group activities.

Seventy-nine percent of seniors who participated to a large extent in UROP were satisfied with their undergraduate experience, versus 52 percent of those who did not partici-



pate in UROP.

UROP students were also more likely to go to graduate school.

Further surveys, like a survey planned for alumni in 1999, will bear out the long-term effects of UROP and "help to determine which is the chicken and which the egg," McGavern said.

Students satisfied with housing

Despite the rush to choose housing during a hectic Residence and Orientation Week, over 82 percent of seniors were very satisfied or generally satisfied with their living groups.

Ninety-three percent of seniors in living in independent living groups were content with their living groups, versus 80 percent of those in dormitories and 72 percent of those living off campus.

The discrepancy may be the result of ILGs' strong community-building events and structure, Lipson said.

Fifty-one percent of seniors planned to go on to further degrees,

and 23 percent had found employment.

This just shows that "MIT students have very bright futures ahead," said Undergraduate Association President Richard Y. Lee '97.

The ESWG hopes that the release of this report will generate more discussion, both formal and informal, among members of the MIT community, Lipson said.

The UA would also like to see this data spur discussion among stu-

dents, perhaps in e-mail lists, Lee said. Lee hopes to provide copies of the guide for UA Council members or other students to review.

Another senior survey is planned for 1998, which will be taken by the same class of students that responded to the 1995 sophomore survey.

This survey will be able to reflect how MIT is changing. Many of the same questions will be asked, but others may be added if members of the ESWG request them to be,

Lipson said.

There is, however, a motivation to keep the survey short in order to encourage a high response rate, she said.

The response rate of 42 percent for the survey is in the middle of rates for other schools and their response rates for surveys, Lipson said. In order to get a higher rate, the survey would have to become "a regular part of what students do when they graduate," Lipson said.

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SPORTS

After Losing Season, Men's Basketball Hopes for Comeback

By Martin Duke
SPORTS COLUMNIST

On the wall of men's basketball coach Larry Anderson's office is a Post-it note with last year's season record, 4-21. He says it serves as a reminder of where the team has been and as motivation to do better this season.

He has good reason to expect improvement from his first year at MIT, after coming from the head job at Rust College, as almost his entire team has returned with another year of experience.

After last year's "rebuilding," when many new and promising players were brought in, Anderson sees this year as an intermediate stage where his team is looking to be a spoiler before it is a contender next season.

The key starters are likely to return in fall 1997. MIT has a long way to go to be considered one of the top teams in the Constitution Athletic Conference, Anderson said. But the team has the hardest working players, who know how to "play together and play smart," he said. Anderson believes that these factors are the keys to success at this level of play.

Anderson's challenge stems largely from the facts of coaching at MIT. Building fan support is hard, recruiting is harder, and practice time is hard to work in. Still, the team has good talent, he said.

If Kareem Benjamin '97 "worked hard enough, he could be the best player in the conference," Anderson said. Benjamin is strong in all aspects of the game but had trouble with free throws last year, although in scrimmages he has shown improvement. Although a senior, Benjamin has one year of eligibility left and hopes to return as a grad student next season.

Center Godfrey Inniss '98 is relatively new to the game, coming from Trinidad and Tobago, but he is "one of the best, if not the best, athlete in the conference," Anderson said.

The most improved player since the beginning of last season, Inniss led the conference in blocks last year and was a defensive force in the middle. Although he still makes some mistakes, Anderson is hoping to develop Inniss's offensive and rebounding skills this year.

Team leader Melvin Pullen '98 was second team all-conference last year with 16 points and six rebounds a game. Anderson considers him one of the best players in the conference. He is the hardest worker and best player on the team, as he brings a winning attitude to the court and his locker room leadership, Anderson said.

The team's main weakness is the

lack of a genuine point guard. With freshman hope Craig Talbot '00 temporarily sidelined by injuries, Anderson will have Benjamin and Pullen share the duties, often resorting to an unconventional point forward.

MIT's true improvement may not show in its record this year because the team has assembled a tough schedule that includes several nationally ranked Division III powerhouses, both in and outside of the conference.

This weekend the team is heading to New York City to play in a preseason tournament hosted by nationally ranked New York University. The Engineers will face NYU in the first round of play.

But it is within the conference that the Engineers face their toughest challenges. The home schedule will get off to a quick start with a game against rival Babson College on next Tuesday.

"The guys always get up to play Babson," Anderson said. Babson was co-conference champion last year. Behind the play of their 21.4-points-per-game point guard Michael Kingsley, Babson is ranked sixth in New England and is seeking its third consecutive tournament appearance.

Besides a rematch against Babson on Feb. 20, the other 800-pound gorilla on the Engineers' schedule is Worcester Polytechnic Institute, who the Engineers visit on Nov. 30 and host on Feb. 22.

Although WPI's conference MVP graduated last June, the team has center Jeff Cayer, whom Anderson expects to be the conference most valuable player this year. WPI is probably the best team on MIT's schedule, ranked second in the nation among Division III schools.

But ranked last in the conference and coming off a dismal season, MIT has little pressure, and every win is a big one. Expect these guys to surprise some teams. "We should be ranked last because we were last last year and haven't proven anything," Anderson said.

A shameless plug

For the first time that anyone seems able to remember, you will be able to watch MIT men's and women's basketball from the comfort of your own home (that is, if you live on campus). MIT Student Cable on Channel 36 will be broadcasting just about every home game live, and away games will be on tape delay at times that will be announced on the MITV World Wide Web page.

For the home games, the play-by-play will often be done by a certain Tech sports columnist you might know. The first game is the men's team against Babson next Tuesday at 8 p.m.



JIRI SCHINDLER—THE TECH

Douglas W. Donaldson '00 slides the puck under the glove of the Lyndon State College goalie to score during the first period. Donaldson also had the game-winning goal in the hockey team's 5-3 victory on Saturday.

Early in the NBA Season, Brocoum Looks At Unbeatable Chicago Bulls

By Chris Brocoum
SPORTS COLUMNIST

Now that the NBA season is well under way and the Bulls have shown that they are the indisputable heavyweight champions of basketball, it is time to look at how the league has changed and why they are so darn good.

With their unbeaten streak extended to 10-0 and Michael Jordan's inspiring 50-point performance showing that he is ready to play, the Bulls may be even better than they were last year. The Bulls are winning at will and they will continue to dominate as long as they have no serious injuries. The secret to their success is less apparent than most people assume.

A fundamental change throughout the NBA in the past decade or so has been the disappearance of the dominant center. As teams focus more and more on defense and full-court pressure, the center position has lost its stature as the pivotal position.

Nowadays, the point guards and ball handlers are the most important players on the court. The reason is that down the stretch in close games, excellent defense can't keep the ball out their hands.

A team with coordinated defense can easily deny the ball to post players and double team them if necessary. Centers usually don't have the vision and dexterity to effectively pass out of the double team.

Guards, on the other hand, carry the game in their hands, and it is much more difficult to shut down a

great guard. Double teams often draw the defense outside, and then a deft guard can easily pass to the open man for the easy shot.

If teams elect to play the guards straight up, then the guards can be devastating in a number of ways by either driving, spotting up, or passing the ball. If a guard is an excellent scorer, then the game has already been decided.

Michael Jordan is the greatest shooting guard of all time, hands down. Scottie Pippen is often the Bulls point guard even though he is really a small forward, and Toni Kukoc is the best ball handling power forward around. Add to this trio another guard like Ron Harper or Steve Kerr, and it is quickly clear why the Bulls are so good. They control the ball.

While their offense is implicitly tied to passing and movement, when the game is on the line, all they have to do is get the ball to Jordan or Pippen and let them create. Centers can't create shots for themselves — they need guards to create shots for them. As long as the post players are at the mercy of the guards, it is easy to shut them down by denying the ball inside.

Critics scoff noting that the center is making a comeback, especially now that Shaquille O'Neal is in a Laker uniform. I counter by looking at the the last decade of NBA Championships. Of the last 10 finals MVPs, only twice was a center recognized, and that was to Hakeem Olajuwon.

I find it difficult to argue that he is a center in the conventional sense of

the word; he is more of a power forward. Of the other eight MVPs, seven were guards, namely Jordan four times, Isaiah Thomas, Joe Dumars, and Magic Johnson — and one, James Worthy, was a small forward.

The reason is that all these players could dominate the game by themselves. They took the ball and created offense singlehandedly, whether it was scoring in Jordan's case or racking up assists in Magic Johnson's case.

The last 10 losers of the finals were a distinguished crew including dominant centers like Patrick Ewing and Shaquille O'Neal among others. The key is that the NBA Championship is determined by the play of the ball handlers, the guards. The Bulls have the best ball handlers in the league and that is why they have become the modern dynasty.

The Lakers look good this year with O'Neal and Kobe Bryant and are being inflated by enormous hype. Houston has been given praise for its trio of Drexler, Olajuwon, and now Barkley. They ought to provide the Bulls with a fun challenge.

Michael Jordan, and to a lesser extent Scottie Pippen, has redefined his position. As long as they still have the drive to win championships (as if that is in question), the only stumbling blocks will be their own boredom. Hopefully the Lakers and the Rockets will help alleviate some of that boredom. Just rest assured that come June, Michael Jordan will have his fifth NBA crown in his last five full seasons, teaching the young Lakers a valuable lesson in the process.

Tomorrow may be Drop Date, but it's never too late to join MIT's Oldest and Largest Newspaper.

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