

Add Date Today

MIT's
Oldest and Largest
Newspaper

The Tech

Established 1881

The Weather

Today: Cool, showers, 66°F (19°C)
Tonight: Cloudy, showers, 60°F (15°C)
Tomorrow: Cloudy, 74°F (24°C)
Details, Page 2

Volume 115, Number 47

Cambridge, Massachusetts 02139

Friday, October 6, 1995



M. Francine Fawg '96 and Eric A. Huang '96 dance at the Greek Week Ball held this past Saturday in Walker Memorial.

MIT Fined \$4.5M For Cogen Plant

By Stacey E. Blau
NEWS EDITOR

A \$100,000 per month penalty may be charged to MIT under a Department of Public Utilities ruling involving the new cogeneration plant.

The DPU assessed MIT an unprecedented customer transition charge. A petition was filed last March by Cambridge Electric Light Company which is trying to recoup the stranded costs it accrued because of past purchases it made in anticipation of MIT's power needs.

MIT was Cambridge Electric's second largest customer before the cogeneration plant went on-line on Sept. 11. The new plant, which cost

\$37 million to build, is an effort by MIT to economize its power generation and transfer facilities.

DPU rules against MIT

DPU acknowledged "that Cambridge Electric and Light took on a lot of financial expense following state regulations on MIT's behalf," said Peter Diamond, a Cambridge Electric spokesman.

The ruling stipulates that MIT should be liable for 75 percent of the costs that Cambridge Electric accrued when it made advance purchases of power for MIT's future use.

Cogen, Page 17

Congress May Pass \$10-Billion Loan Cut

By David D. Hsu
NEWS EDITOR

A \$10 billion cut in student loans over the next seven years was passed in a package by the Senate Labor and Human Resources Committee.

The package includes a student loan tax that would cost universities 0.85 percent of the total student loan volume. In addition, the six-month grace period for repayment of loans would be eliminated, a cap of 20 percent would be placed on the Federal Direct Lending Program, and the interest rate on the Parent Loan for Undergraduate Students would increase from 3.1 to 4 percent. Also, the maximum interest rate would be raised from nine to 10 percent.

The bill would turn over \$1.76 billion in taxpayer funds as collateral to agencies that offer student loans.

Voting was strictly along party lines. Eight of nine Republicans in the committee voted for the package, and all seven Democrats voted against it.

Cuts would hurt MIT and students

Under the student loan tax, universities would have to pay taxes on the amount of federal funds they receive.

"The tax on student loans is ter-

rible public policy," said Director of Student Financial Aid Stanley G. Hudson. The tax "represents an annual cost to MIT of about \$200,000," he said.

The student loan tax also "provides a disincentive for schools to accept needy students," Hudson said.

The six-month grace period for loan repayment "was set up to allow students time to become employed before having to make the first payment," Hudson said. The elimination of the grace period "will put additional pressure on students to have work plans set up earlier."

The Federal Direct Lending Program enables colleges to receive funds directly from the U.S. Treasury, Hudson said. Capping the program "would mean relying on banks and guaranty agencies to approve and process their loans," increasing the chance of delays in receiving the money for loans.

The PLUS loan is currently competitive with other parent loans, but as the interest rate increases, parents will turn to other loan sources, Hudson said.

No matter what version of the package passes Congress and President Clinton, "It is clear that there

Loans, Page 21

Hayden Now Closes at Midnight

By Yaron Koren
STAFF REPORTER

As a result of financial problems, the Charles M. Hayden Memorial Library's hours have been cut.

The library, which offers collections in both science and humanities, has traditionally been open to students 24 hours a day. It now closes promptly at midnight and opens at 8 a.m. weekdays and Saturdays

and at noon on Sundays.

The new hours have been in effect since July 1 of this year.

According to David S. Ferriero, associate director for public services of the MIT Libraries, the decision was a result of long-term cuts. "For the past three years, each department has been asked [by the provost] to reduce their budget by 2% a year," he said. "At some point,

something had to give," he said.

Student reaction to changes sparse

Student reaction has been low-key so far, according to Anand Mehta G, a graduate student member of the Student Services Re-engineering team. "I'm not sure how many people

Library, Page 19



Carol Matsuzaki '95, captain, plays against Smith College.

JIRI SCHINDLER - THE TECH

MIT Plagued by Thefts of Computer Chips

By James M. Wahl

Forget bicycles and VCRs. Thieves have been making a killing at MIT in the past few months stealing computer chips.

One of the biggest thefts was carried out around 4:00 a.m. on Aug. 15 when thieves raided five computers in an office in Building 37. They stole computer memory and components valued at \$30,298. Other targets have ranged from personal computers in laboratories and dormitory rooms to laser printers in Athena clusters.

In one instance, staff members were baffled

for several days when their computers were running slower than normal. When they checked inside the machines, they discovered that over two-thirds of the memory chips were gone.

Stolen property for the first half of the year was valued at \$303,667, up from \$134,626 last year, according to last month's Campus Police mid-year report. Such fluctuations are not abnormal, Chief of Campus Police Anne P. Glavin said.

Chip thefts on the rise nation-wide

The distinctively 1990s phenomenon of

memory chip thefts is afflicting college campuses across the nation from Georgetown to the University of California at Los Angeles, according to the *Chronicle of Higher Education*. The thefts are fueled by a worldwide shortage of memory chips coupled with an ever-increasing demand for memory by users running multimedia applications and powerful operating systems like Microsoft Windows '95.

Among the most frequent targets are 4-megabyte memory chips which, with no serial numbers or other markings, are difficult to

Thefts, Page 23

INSIDE

■ UA Council holds its first meeting of the term.
Page 12

■ Post Editor Bradlee speaks at MIT. Page 12

■ Negroponete reflects on Media Lab's first 10 years. Page 14

WORLD & NATION

Hurricane Opal Kills 15, Causes \$1.8 Billion in Damages

THE WASHINGTON POST

DESTIN, FLA.

Hurricane Opal cut a deadly and destructive path through the South on Thursday, killing 15 people in four states and battering the homes, resorts and condominiums that line a 120-mile stretch of Florida's famous Gulf Coast beaches.

Florida officials said fast-moving Opal, which disintegrated into a tropical depression as it made its way to the Midwest, was one of the most destructive storms ever to hit the state. Initial estimates are that Opal caused at least \$1.8 billion in insured property damages, second only to Hurricane Andrew, which devastated a portion of South Florida in 1992 and caused \$17 billion in damages.

In Florida, a 76-year-old woman was killed in her home in Crestview, where the storm spawned a tornado. The Associated Press reported that in Georgia, seven people were killed in accidents related to Opal. In Alabama, six died in weather-related accidents, including two people killed when a tree fell on a trailer, and in western North Carolina, a man was killed when a tree fell on a mobile home.

Opal knocked out power to nearly 2 million people in Florida, Georgia, Alabama and the Carolinas, and many, especially in the Florida panhandle were without water. Fifteen Florida counties were approved for federal emergency aid, and National Guardsmen were posted in Panama City, which was under a dusk-to-dawn curfew.

All along Highway 98 here Thursday, residents staggered back to their beach town homes and looked with horror at the great destruction that Hurricane Opal had wrought.

The Miracle Strip, as it's known here, has never looked worse. In some places, boats and the thick wood pilings to which they were strapped have been ripped from the water by the storm and hurled at least a half mile to the shore. Houses were flattened, storefronts battered. Fallen trees and debris filled most roads. Most towns had no power, and gas and ice were virtually impossible to find.

In nearby Fort Walton Beach, Rev. Ray Blanchard awoke to find a neighbor carting around an American flag that looked an awful lot like the one that flies above his Westwood Baptist church. It was — and Blanchard soon discovered that the church's entire roof had been crushed by the mighty storm. He spent the morning there picking through rubble as the sun cast a bright glow upon his pews.

"I've never seen anything like it," Blanchard said. "But despite this we still feel very lucky. Yesterday my wife thought that we should come inside the church during the storm but at the last minute we decided against it and left town instead."

After moving swiftly across the Gulf of Mexico, Opal hit land early Wednesday evening with 125 mph winds that in some places gusted up to 150 mph. It spared little in its path.

But because the coastline had largely been evacuated, most of the damage it did was strictly to property. Many residents here said Thursday that they were at least grateful that only a few lives had been lost and a few people had been hurt, but for many the hardships from the storm have only just begun.

Town officials said it could take at least a week to restore electrical power to everyone; there were long lines at the few stores in the area selling ice and no gas station for about 30 miles had pumps that worked.

By afternoon, many business owners had returned to see their property in ruins. At Destin's Lucky Snapper grill and bar, which has a beautiful waterfront view and space to seat 650 patrons, the second floor dining room had collapsed onto the first floor and was struck by several boats that the hurricane had flung from the harbor. One of the boats belonged to a restaurant owner.

Due to technical difficulties with *The Washington Post/Los Angeles Times* Wire News Service, today's issue of *The Tech* contains an abbreviated version of the World & Nation section.

WEATHER

Tropical Aftermath

By Marek Zebrowski

STAFF METEOROLOGIST

Remnants of the tropical storm Opal will be found over Syracuse NY by early Friday, rapidly moving to the St. Lawrence valley, whilst another system over the Midwest and the cold front associated with it will slowly push eastward, towards the Atlantic seaboard. A lot of moisture will be wrung out of these systems, especially in the mountains to our west and north, where localised flooding is possible. As the cold front reaches our area by early Sunday, a small wave may develop along this weather boundary just to the east of us, retarding clearing process in the eastern locations. Afterwards, as a ridge of high pressure builds into the region and eventually settles somewhere near Bermuda, expect a tranquil and mild weather for the first half of next week.

Meanwhile the tropics remain very active, with two hurricanes still on the Atlantic charts: Noel - located 700 miles southwest of the Azores and posing no threat to the US and Pablo, a new addition to the ever-growing list of storms, rapidly strengthening about 1400 miles east of the Lesser Antilles and moving westward at 20 mph. Pablo's whereabouts by early next week might be considerably more interesting than today's update!

Today: Rain and showers, with some downpours early, gradually tapering off. High 66° F (19° C) with damp onshore winds.

Tonight: Cloudy with scattered showers, coastal fog and drizzle. Low 60° F (15° C).

Saturday: Mostly cloudy with a chance of showers. Milder, with southwesterly winds and maybe a glimpse of sun inbetween. High 74° F (24° C).

Sunday: Slow clearing from west to east. Highs in mid 60s (17-19° C), lows near 50° F (10° C).

Colombus Day: Fair and cooler with highs around 60° F (15° C) and lows in the mid 40s (6-8° C) in urban areas and near the coast, 35-40° F (3-5° C) inland.

Kardashian Says Shapiro Discussed Plea Bargain

By Beth Shuster and Jeff Brazil

LOS ANGELES TIMES

LOS ANGELES

Robert Kardashian, one of O.J. Simpson's closest friends, acknowledged Thursday that fellow defense team member Robert Shapiro at one point speculated whether Simpson should plead guilty to manslaughter if the prosecution ever offered a plea bargain.

On a day when Simpson began to stitch the fabric of his life — and finances — back together, Kardashian said Shapiro made the statement during a defense strategy session early on in the trial. As part of that scenario, Shapiro discussed whether Kardashian should implicate himself as an accessory to the slayings of Nicole Brown Simpson and Ronald Lyle Goldman.

Kardashian said he vehemently objected to playing out such a plea scenario. Explaining that it was in a "what-if-the-prosecution-names-us" context, Kardashian said he told Shapiro: "Absolutely not. What would I plead to? I have done nothing."

The session was attended by a small group, including attorney Leroy "Skip" Taft and F. Lee Bailey.

Kardashian related that Shapiro said he was only throwing out ideas. "I told him that O.J. would never go for it, and it's not a subject to be brought up," Kardashian said.

The idea never went further, he said, and the prosecution was never involved.

Echoing earlier statements, Kar-

dashian said he never looked into the garment bag he was seen carrying at Simpson's home after Simpson returned from his trip to Chicago.

Moreover, Kardashian said, "If (Simpson) came back from Chicago, knowing his house was ringed by reporters and the police were at his home ... why would he bring bloody clothing — or whatever people think was in there — back to his home? If you think about it, it makes no sense."

"All I've done is be a friend," he said.

Shapiro could not be reached late Thursday to confirm Kardashian's account, but he has denied ever asking Simpson to consider a plea. "From day one, O.J. told me he was innocent," Shapiro said earlier in the day. "I never asked him to plead anything other than not guilty."

Harvard Law School professor and defense team member Alan Dershowitz backed up Shapiro's account.

"I can say unequivocally that I never heard of any suggestion for a plea bargain, and I know for certain that if anybody ever even dared to suggest one to O.J., they would have been fired immediately," Dershowitz said.

Noting that he joined the defense team in mid-June, 1994, and participated in "most" of the defense meetings either by phone or in person Dershowitz said: "O.J. was not thinking plea bargain, was not authorizing plea bargain. He was unequivocally demanding a trial and

vindication."

Asked about Kardashian's comments, District Attorney Gil Garcetti said: "No one ever talked to any one of us in the D.A.'s office about a deal. We believed then and we still believe the evidence clearly proves murder. If they approached us about a manslaughter plea, we would have said no."

In another remarkable admission, Shapiro said in an interview with *People* Magazine he believed lead attorney Johnnie L. Cochran Jr. had lost the case during his closing arguments, saying he thought a panel of 10 women and 2 men was "gonna give it to the defense up the wazoo."

While Cochran Thursday appealed to the families of the victims to drop wrongful death lawsuits against the football great, Shapiro said Cochran's much-praised closing argument — a dramatic, zealous plea in which Cochran said it was the panel's civic duty to acquit Simpson — "patronized" the jury.

Stunned at Shapiro's comment to *People*, dream team member Carl Douglas refused to join the post-acquittal war of words. "He said that?" Douglas said, pausing before adding, "I will choose not to dignify Bob's comments by offering a response, except to say that I'm flabbergasted, and I can't imagine why he is saying these things. I feel sorry for him. He apparently is far more troubled than even I imagined."

Bosnian Factions Agree To Ceasefire, Peace Talks

By Michael Dobbs

THE WASHINGTON POST

Prodded by the Clinton administration, the warring factions in Bosnia Thursday agreed to a nationwide cease-fire and Camp David-style peace talks in the United States as a step toward ending their brutal 42-month-old conflict.

The cease-fire agreement will take effect at one minute after midnight on Oct. 10, provided that full gas and electricity supplies have been restored to the Bosnian capital Sarajevo, which has been under siege by Serb separatist forces since the beginning of the war. The American-sponsored peace talks are scheduled to begin at the end of October, to be followed by a full-scale peace conference in Paris.

Thursday's eight-point agreement between the Muslim led Bosnian government and the Serbs capped two months of intensive diplomatic effort by the United States to find a negotiated solution to the worst fighting in Europe since World War II. Earlier this month, the two sides agreed to a set of constitutional principles that provide for a common Bosnian parliament and presidency but effectively confirm the division of the country along ethnic lines.

The final details in the agreement were hammered out overnight following a day of exhausting shuttle diplomacy that involved negotiations in both Sarajevo and the Serbian capital of Belgrade by an American team headed by Assistant Secretary of State Richard Holbrooke. According to U.S. officials, it was made possible by a last-minute change of heart by the Bosnian government, which had earlier been holding out for greater concessions from the Bosnian Serbs but

experienced some significant military reverses this week.

Holbrooke said in a telephone interview that he told Bosnian president Alija Izetbegovic in Sarajevo on Monday that he was "playing craps with the destiny of his country" because he was still hesitating about signing on to an immediate cease-fire.

The United States helped to level the battlefield in favor of the Bosnian government at the end of August by leading its NATO allies in staging a series of air strikes on Bosnian Serb positions. The air strikes were called off two weeks later after the Bosnian Serbs agreed to pull heavy weapons out of a 12-mile exclusion zone around Sarajevo, and relax their siege of the capital.

Holbrooke secured Izetbegovic's agreement in principle to the U.S.-drafted document when he returned to Sarajevo on Wednesday. He then flew to Belgrade for a six-hour negotiating session with Serbian President Slobodan Milosevic. Four hours later, Milosevic informed Holbrooke that he had persuaded Bosnian Serb leaders Radovan Karadzic and Ratko Mladic to sign the agreement.

Speaking to reporters in Sarajevo, Izetbegovic described the cease-fire as "a serious agreement" that would be respected by all sides.

U.S. officials said they expected Izetbegovic and Milosevic to lead their countries' delegations to the U.S.-sponsored peace talks later this month. Croatian President Franjo Tudjman is also expected to attend, but the level of Bosnian Serb representation is not clear. Karadzic and Mladic would run the risk of arrest if they came to the United States, as they have been indicted by an international tribunal in The Hague for

war crimes.

U.S. officials expect the peace talks to follow a pattern similar to that of the 10-day Camp David session, hosted by President Carter in 1978, which led to a preliminary accord between Egypt and Israel on the return of the Sinai desert. They will take place in a secluded location, away from reporters with U.S. officials shuttling among the different delegations and occasional face-to-face talks.

The major difference from Camp David is that there are no plans for a prominent role for Clinton, who has so far steered clear of direct public involvement in the Bosnian peace process. Even though Clinton has gone before television cameras to announce the latest diplomatic successes, he still seems wary of identifying himself too closely with the still uncertain outcome of the Bosnian peace talks.

State Department spokesman Nicholas Burns said that the peace talks would be co-chaired by Holbrooke, European negotiator Carl Bildt, and Russian Deputy Foreign Minister Igor Ivanov. U.S. officials are eager to give the Europeans a prominent role in the talks, as the European Union will be expected to pay a large share of the bill for post-war reconstruction in Bosnia.

The key issues to be worked out in peace talks include a territorial division of Bosnia between the Bosnian-Croat federation and the "Srpska Republika," or Serb Republic. The two sides have agreed to a 51 percent-49 percent split, but there are likely to be land swaps to provide the Bosnian government with better access to Sarajevo and Gorazde, and to facilitate communications between Serb-held territory in eastern and northwestern Bosnia.

MANAGEMENT CONSULTANTS

ATKEARNEY

Your opportunity to redefine management consulting for the next century. The new A.T. Kearney.

The world of consulting is changing rapidly, and A.T. Kearney is leading the way into tomorrow.

We are aggressively seeking business analysts this year to help us deliver results across an even broader spectrum of client needs. We seek MIT graduates to help us achieve these goals.

We invite you to learn more about the exciting opportunities our global management consulting firm has to offer and how you can play a part in redefining management consulting.

Please join us for our presentation on full-time career opportunities.

Thursday, October 12

6:00 p.m.

Building 4, Room 231

Casual attire

Reception immediately following

*Amsterdam • Atlanta • Barcelona • Beijing • Berlin • Boston • Brussels • Chicago • Cleveland • Copenhagen
Dallas • Denver • Düsseldorf • Helsinki • Hong Kong • Houston • London • Los Angeles • Madrid • Melbourne • Mexico City
Miami • Milan • Minneapolis • Moscow • Munich • New York City • Oslo • Paris • Phoenix • Prague
San Francisco • São Paulo • Seoul • Singapore • Stamford • Stockholm • Stuttgart • Sydney • Tokyo • Toronto • Washington, D.C.*

Freshmen:

If you are having trouble in a class this term, you may hear from your instructor soon, asking you to meet to discuss your performance and ways to improve it.

This message from your instructor -- called a "**Fifth Week Flag**" -- does *not* mean you will fail the subject, but it probably means that you had trouble on the first test or other assignment and need some help.

If you received a Flag from your instructor, please see him or her as soon as possible. Help is available (see below). Your advisor will receive a copy of the Flag: be sure to talk with your advisor, too.

Helping sources:

- Department and subject tutoring session (check with undergraduate offices for schedules);
- TA and recitation instructor office hours;
- UAA Study Sessions (see schedule on Yellow Flash I);
- Tutorial Services Room, 12-124 (x3-8406).

P.S. If you're in 8.01, the note from your instructor will come in the form of an e-mail message that has been "digitally signed." To verify that the e-mail was sent by some one in 18.01, use the Athena command "verify-message" to check the current message.

OPINION

Lobby Crowds Display Rare Civic Vitality

Column by Anders Hove
OPINION EDITOR

Somewhere in my little brain attic I have tucked away a mental list of some of the historical events I would like to have witnessed. Washington crossing the Delaware, for instance, or the battle of Copenhagen. I wish I had seen President Kennedy's inaugural, or President Truman's decision to launch the Berlin airlift. Events like these interest me as a history buff.

I imagine that one of the most amazing events to have been a part of as an American, however, was the end of the Second World War. Even today, most Americans probably have a mental image of the newsreel footage showing the announcement of VJ-Day scrolling slowly across the marquee in Times Square, as tumultuous crowds celebrate in the streets below. Similar crowds gathered in public spaces across the country awaiting the news: In public squares and parks, outside the offices of major newspapers, or in Lafayette Square across from the White House.

Many stayed at home to listen to the radio, of course. But there was still a strong instinct to get out, to hear the breaking news in the company of fellow Americans. The war itself was the biggest collective effort ever under-

taken by this country. We pulled together more to defeat the Axis powers than ever before or since. To have been a part of the vast outpouring of emotion in Times Square that marked the end of the war effort would put a spring in anyone's stride.

To say the reading of the Simpson verdict pales by comparison would be an understatement. Yet the reading of the verdict drew large crowds to Lobby 7 and Lobby 10; all eyes turned toward the monitor for one last O. J. moment. Although I heap contempt on those who followed coverage of the trial, there's something good about seeing crowds of diverse people united for a common purpose.

In decades past, democratic values demanded that the citizen hear and discuss the news of the day. That doesn't happen too much anymore. It's not that the average American knows less about national issues now than before. Probably the opposite. The problem is that we never discuss them. The Simpson trial, however, is on everyone's lips. I've heard people discussing it on the subway, in stores, on the streets in Cambridge, and even (to my dismay) in classes. Some of the discussion could even be productive.

First, there are the policy ideas: Some have proposed adumbrated trails — trials of a spe-

cific, short length. That might reduce expenditures on high-publicity trials like Simpson's, and give others the chance of having a trial at all. Others have proposed different methods of jury selection, or jury instruction.

Perhaps more important are the questions the trial raises about the principles of justice in America. Is the dialectical method of argumentation before juries a reliable method of determining the merits of legal cases? Perhaps there are rational, cognitive, and psychological constraints in jurors that prevent "fair" trials. Are trials before a jury of one's peers outdated in this era of technical sophistication? Perhaps the legal system needs to be more careful in how it presents "expert" testimony. Is a positive outcome in the legal system restricted to those who can afford it? For that matter, couldn't taxpayers' money be better spent than by throwing it on multi-million dollar, TV-oriented prosecutions?

Why don't we get together more often to think about tough, common questions like this? After all, Americans have plenty of common goals and purposes.

Lobby 10 was daily packed with people lined up to buy war bonds all through World War II. Only a California murder trial has the same effect today. Wouldn't it be great if more noble things could bring us together?

Rhetoric Triumphs over Justice in Trial

Guest Column by Seth Hollar '96

This has been a sad week for America. Who says justice triumphs over all? Who says that nobody is above the justice system? The fact that O. J. Simpson was guilty beyond reasonable doubt is factually indisputable. I am not going to prove it — the lawyers have done that sufficiently well. I will point out that humans are not computers. They are subject to emotions and can often draw illogical conclusions from facts decorated with a cloud of haze.

Catchy phrases like "If it doesn't fit, then you must acquit," and the poetic alliteration, "taking the jurors on a journey toward justice," sound sweet and musical, but are merely contrived to give the jury an uplifting impression of Simpson. Consider the consequences:

A man who has murdered two people is now free, walking the streets. Simpson will probably obtain legal rights to his children. He has abused the justice system by using his money and popularity to put himself above the law.

How did this happen? Our legal system is set up so that citizens play an active role. Had

you been called up to serve jury duty for the Simpson trial, however, you would have been ejected because you were a college student representing the radical youth of today. Instead the jurors called to trial are laypeople, everyday people. And these jurors must unanimously agree to convict the defendant. I don't know how intelligent these people are, but I know I wouldn't want them making major decisions affecting my life. Apparently the jurors in the Simpson trial were unable to think logically about the evidence. But why should they be blamed? Their jobs have never demanded that they analyze arguments, determine what is and is not relevant to a case, or intelligently base their decisions on facts. The problem is compounded by the fact that the jurors must listen to and digest the material coming from "expert" hand wavers, such as the attorneys.

Is rhetoric a convincing form of argumentation? The jurors must process more information when lawyers speculate. They must differentiate fact from fiction — essentially making the logical decision process more complicated. It is especially difficult in court when both the defense and the prosecution use rhetoric. "If it doesn't fit, then you must

acquit" is funny but not appropriate in a murder trial. Doubting the results of DNA tests, concocting stories of drug cartels, accusing police officers of planting evidence, and referring to the long standing dignity of the defendant during the entire proceedings all represent rhetorical arguments. And they proved effective in the O. J. Simpson trial. But each and every one of the above had no logical relevance to the trial.

I don't call for the beheading of O. J. Simpson. He represents thousands found not guilty by jurors unable to see facts clearly. Simpson's case is more pronounced because the truth was so obvious, and the jury still chose to acquit.

I call for a revamping of today's justice system. Attorneys play too many rhetorical tricks on common jurors. Because of this, more serious criminals roam the streets. Unlike common criminals, the serious criminals have the money to buy hired guns like Johnnie Cochran, who put criminals above the law. Criminals who have money and knowingly use it to avoid justice in the courts are among the most dangerous problem facing this country today.



Chairman

Scott C. Deskin '96

Editor in Chief

Daniel C. Stevenson '97

Business Manager

Syed Abid Rizvi '96

Managing Editor

Jimmy Wong '97

Executive Editor

Ramy A. Arnaout '97

NEWS STAFF

Editors: Stacey E. Blau '98, Shang-Lin Chuang '98, David D. Hsu '98; **Associate Editors:** A. Arif Husain '97, Christopher L. Falling '98, Jennifer Lane '98, Venkatesh Satish '98; **Staff:** Eva Moy G. Charu Chaudry '96, Deena Disraelly '96, Oleg D. Drozhinin '97, Ifung Lu '97, Sam Hartman '98, Raymond W. Hwang '98, Don Lacey '98, Angela Liao '98, Orli G. Bahcall '99, Yaron Koren '99, Dan McGuire '99; **Meteorologists:** Michael C. Morgan PhD '95, Gerard Roe G. Marek Zebrowski.

PRODUCTION STAFF

Editors: Teresa Lee '96, Michelle Sonu '96, Saul Blumenthal '98; **Staff:** Amy Hsu '94, Laura DePaoli '97, Christine J. Sonu '97, Warren Chang '98, Larry Chao '98, Susan J. Kim '98, Yun-Ju Lee '98, Jennifer Peltz '98, Michael D. Forbes '99, Jason C. Yang '99, Khelga Karsten.

OPINION STAFF

Editors: Anders Hove '96; **Staff:** Raajnish A. Chitale '95.

SPORTS STAFF

Associate Editor: Bo Light '96; **Staff:** Thomas Kettler SM '94, Darren Castro G. Brian Petersen '96, David Berl '97, Jeremy Cohen '97, Daniel Wang '97, Farhan Zaidi '98.

ARTS STAFF

Associate Editor: Craig K. Chang '96; **Staff:** Thomas Chen G, Teresa Esser '95, Audrey Wu '96, Brian Hoffman '97, Kamal Swamidoss '97, Rob Wagner '97, Hur Koser '98, Stephen Brophy.

PHOTOGRAPHY STAFF

Editor: Thomas R. Karlo '97; **Associate Editors:** Helen Lin '97, Adriane Chapman '98, Indranath Neogy '98; **Staff:** Gábor Csányi G, Rich Fletcher G, Arifur Rahman G, Sherrif Ibrahim '96, Jiri Schindler '96, Lenny Speiser '96, Juan P. Vernon '96, Sharon N. Young Pong '96, Tiffany Lin '97, Carol C. Cheung '98, Justin Ging '98, Rayshad Oshatory '98.

FEATURES STAFF

Hugo M. Ayala G, Steven D. Leung '96.

BUSINESS STAFF

Operations Manager: Ricardo Ambrose '98; **Advertising Manager:** Jin Park '96; **Associate Advertising Manager:** Christine Chan '98; **Staff:** Mary Chen '97, Jessica Maia '98, Winnette McIntosh '98, Pamela Shade '98.

TECHNOLOGY STAFF

Director: Jeremy Hylton G; **Staff:** Christina Chu '98, Cristian A. Gonzalez '99, Kathleen Lynch.

ADVISORY BOARD

V. Michael Bove '83, Robert E. Malchman '85, Thomas T. Huang '86, Reuven M. Lerner '92, Josh Hartmann '93.

PRODUCTION STAFF FOR THIS ISSUE

Night Editors: Teresa Lee '96, Alex Lee '98, Jennifer Peltz '98; **Staff:** Michelle Sonu '96, Laura DePaoli '97, Jimmy Wong '97, Saul Blumenthal '98.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$20.00 per year Third Class by The Tech, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139-7029. Third Class postage paid at Boston, Mass. Non-profit Organization Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial; (617) 258-8324, business; (617) 258-8226, facsimile. Advertising, subscription, and typesetting rates available. Entire contents © 1995 The Tech. Printed on recycled paper by MassWeb Printing Co.

Doesn't it seem like we've found another way to trim soaring Medicare costs. This baby's modified to go only 10 mph!



"We've found another way to trim soaring Medicare costs. This baby's modified to go only 10 mph!"

Opinion Policy

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

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

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

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

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

To Reach Us

The Tech's telephone number is (617) 253-1541. Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.

Simpson Verdict Proves Judicial System Ineffectual

Guest Column by Jeremy L. Warner '99

Shortly after 1 p.m. Tuesday, the verdict in the O. J. Simpson trial was read. Every television channel carried non-stop coverage of the world-shattering event. Hordes of students and faculty gathered around every available TV at MIT to await the verdict. In less than four hours the jury found Simpson not guilty of all charges. These results show that the American legal system is corrupt, weak, and ineffectual.

Why consider scientific evidence to be important in the case? This is, after all, the 90s, where our celebrities are David Koresh and the Unabomber. In the midst of a scientific and intellectual revolution, it seems that our country is returning to the quagmire of medieval times, where might made right.

Indeed, this is exactly a case of might making right, with money and fame as might. The entire O. J. Simpson case is paradoxical: Almost everybody that I know firmly believes that he is a murderer. Yet if we say he is guilty we have indicted ourselves and our society as a whole.

Simpson is a hero in many ways, and the fall of a hero is a bitter pill to swallow. We have stood by as partial observers of democracy in motion, partial because we would never have tolerated such a farcical trial unless the accused had been someone of heroic proportions.

The outcome of this trial has undoubtedly surprised very few people. But I still felt a stab of fear as I listened to the verdicts being read into the American consciousness. To me, the verdict is an affirmation that society has a

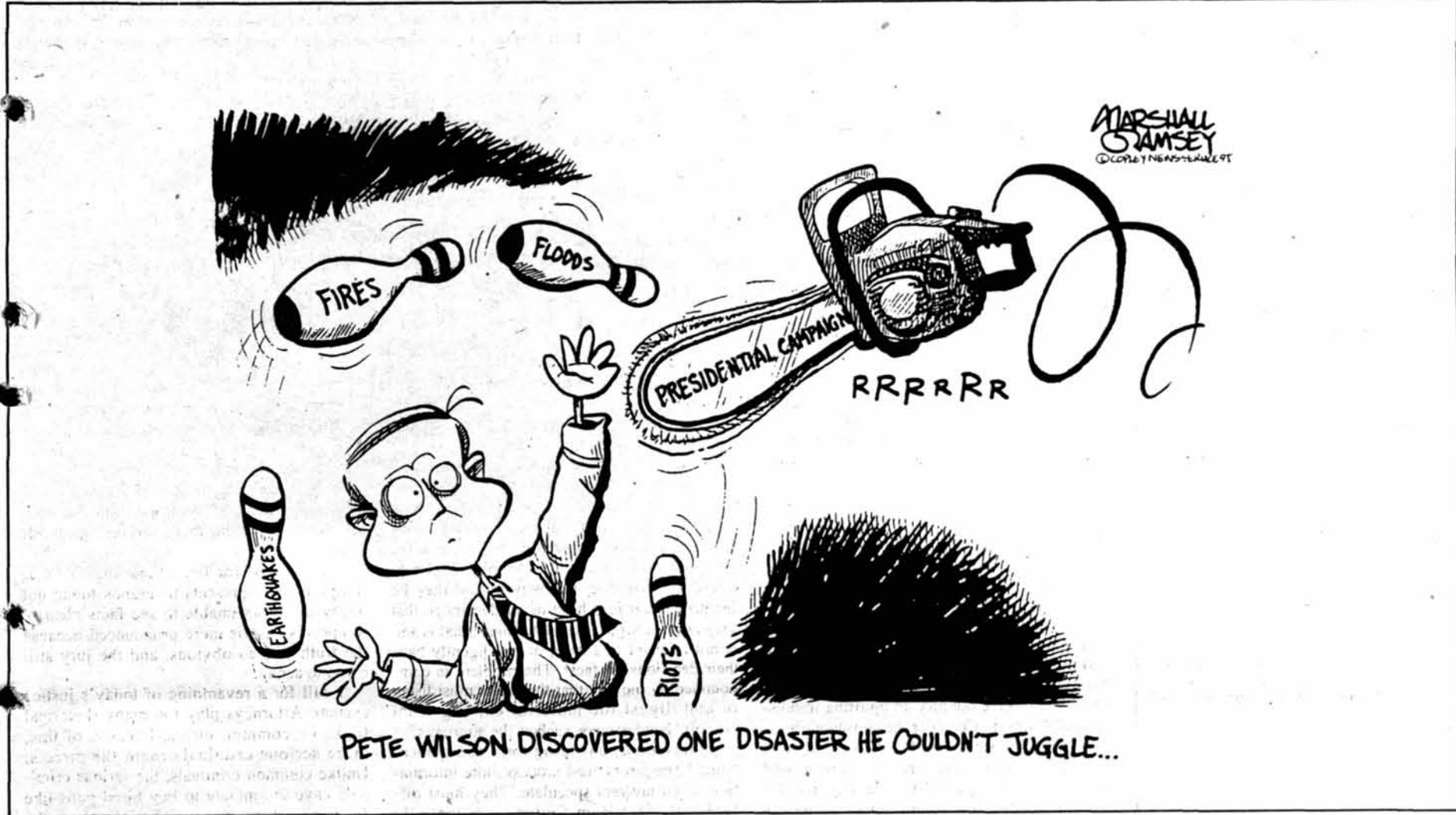
great disease — an affliction that will not just go away. Not only will it not go away, it will get worse. Simpson will not even receive a slap on the wrist. He is free to go, as he has done nothing, by the law. Will we find that this type of incident becomes a commonplace occurrence? Have we taken a step in the direction of Rome, where the emperors could have people they didn't like summarily executed?

I could call for a reformation of American society, but semantics are worthless now. Just because we see ourselves sliding down this hill of corruption and decay doesn't mean that we can do anything about it. Tuesday was a sad day for the future of America, and I must confess that I believe we have many more sad days ahead of us.

The only optimistic thing I can suggest is

to take your life into your own hands. How can you trust a legal system that has proclaimed itself incompetent? It would be an exaggeration to say that this policy will result in unbridled anarchy. I believe that anarchy is not a necessary outcome of self-government. Responsibility for one's own actions brings pride, and with pride we can bolster our weak and failing country.

I sense great change coming for this country, and the verdict of the trial on Tuesday is a sort of gate, opening to devour our sensibilities and fictional hopes of a better tomorrow. We can only sit in front of our televisions and secretly hope that the fall will not come within the next few generations. Simpson should revel in the fact that he is not merely a token of history — he may be the straw that breaks the camel's back.



7pm Oct 6 in 10-250
Friday Classic Series
The Loved One



7 & 10pm
Friday Oct 6
26-100

Johnny Depp
Faye Dunaway
Marlon Brando

Don Juan DeMarco



LSC proudly
Presents...

A long four-day weekend!
Admissions \$2.00 with MIT/Wellesley ID.
For more information call 258-8881 or
<<http://web.mit.edu/lsc/www/home.html>>



7 & 10pm Oct 10 in 26-100
Tuesday STUDENT HOLIDAY!
Val Kilmer starring in
Real Genius



7 & 10pm Saturday Oct 7 in 26-100
Tank Girl

Help us put a crystal ball on every desktop.

MicroStrategy is a high growth, high tech enterprise expanding throughout the world. We develop leading-edge products for the Decision Support Software (DSS) and data warehousing marketplace.

We are the Intellectual and Technological leaders in the emerging high-end Decision Support industry.

Among our accomplishments:

- We are the first to bring Intelligent Agents to the executive desktop.
- We are the producers of the first open systems Decision Support System (DSS) to break the 100 Gigabyte barrier (Oracle 7.1 on Sequent Symmetry 2000/790, February 1994).
- We are the first to commercialize a "data surfing" tool set (DSS Agent, September 1994).

Our technical superiority has made us the premier Decision Support Experts for the Fortune 1000. Our clients span the Chemical, Computer, Finance, Retail, Medical, and Utility industries; they include General Electric, Xerox, Merck, American Express, Mervyn's, McDonalds, MCI, Nissan, GEICO and the Pentagon among many others.

We Offer

- Offices located in Washington, D.C., San Francisco, Atlanta, Chicago, London and Barcelona.
- Dynamic, aggressive, visionary company
- Opportunity to choose your career path
- Accelerated responsibility and scope for achievement
- Recognition and reward for your ideas and initiative
- Intellectually challenging working environment
- Extensive domestic and international travel opportunities
- Experience working with clients in banking, insurance, retail, pharmaceuticals and other industries
- Challenging roles for all degree levels (BS, MS, Ph.D)

We Need People

To keep up with our tremendous success, we need the best and the brightest with all degree backgrounds and experience. Our exponential growth has created a continual need for new hires, in all key functions of our business. This includes Consultants, Software Engineers, and Marketing Associates. We are looking for people who desire to work in a challenging and productive environment, who are interested in personally growing with our company and who can both contribute to and benefit from MicroStrategy's continued growth. All positions require excellent oral and written communication skills, a willingness to travel and an interest in working with computers.

Who We're Looking For

Consultants

Consultants should be technically adept and have strong analytical reasoning ability. Job responsibilities of Consultants include the development of Decision Support Systems, preparation of presentation materials and proposals for clients, and interaction with client business team members on a daily basis.

Software Engineers

Software Engineers should have strong technical and analytical skills. Knowledge of object-oriented programming, C++, SQL, RDBMS, Windows 3.1, and Visual Basic is preferable. Job responsibilities of Software Engineers include the analysis, design, and implementation of core DSS tools, tool set customization to client needs, and the development of application prototypes using core DSS tools.

Marketing Associates

Marketing Associates should demonstrate creativity and strong organizational skills, and insight into the computer software industry. Relevant experience in public relations or computer science is helpful. Job responsibilities will include development of company collateral, public relations in company presentations and trade shows, telemarketing and direct mail.

All majors are encouraged to apply.

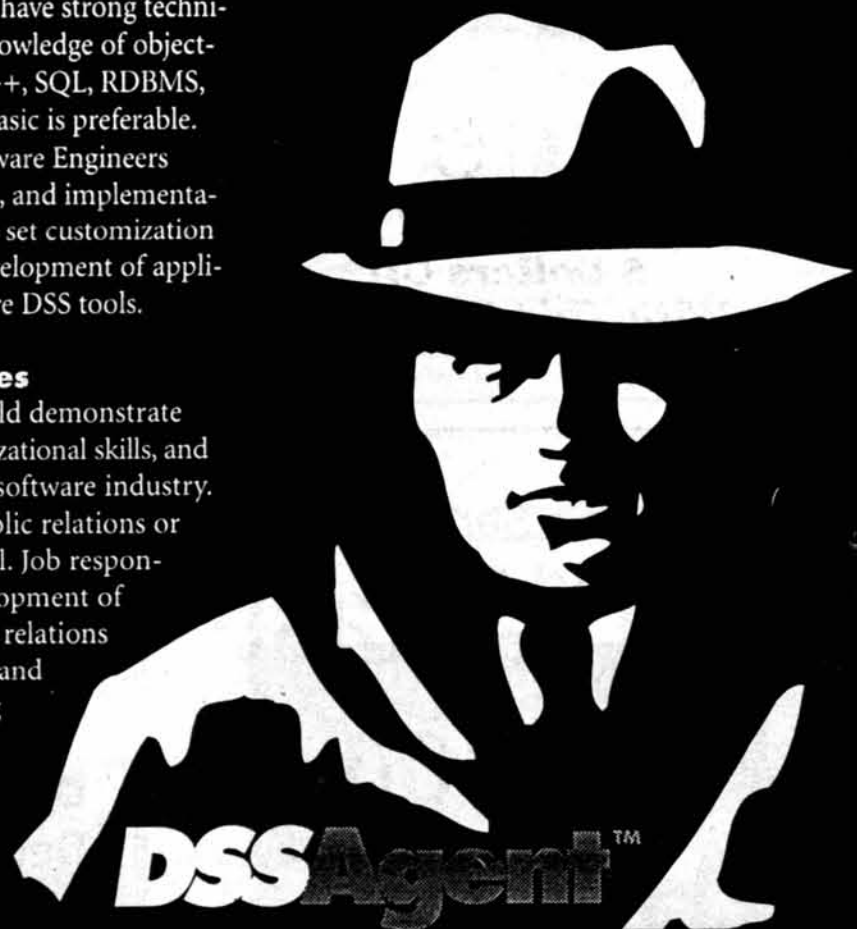
We will be visiting MIT soon. Come learn more about us and meet alumni working with MicroStrategy at our Information Presentation on: Friday, October 13, 1995
Cambridge Marriott
6:00-9:00 p.m.
Reception to follow

and interview with MicroStrategy on: Saturday, October 14, 1995
Cambridge Marriott
9:30 a.m.-4:00 p.m.

We offer competitive salaries and seek applicants interested in a challenging work environment in which they may contribute to and benefit from MicroStrategy's continued success. Interested candidates should send a cover letter and resume to:

Recruiting Coordinator
MicroStrategy, Inc.
8000 Towers Crescent Drive
Suite 1400
Vienna, VA 22182
Fax: (703) 848-8748
E-mail: recruiting@strategy.com

Visit our web page: <http://www.strategy.com>



MicroStrategy

Data Warehouse Decision Support Solutions

8000 Towers Crescent Drive . Vienna, VA 22182 . 703.848.8600 . 703.848.8610 Fax . info@strategy.com . <http://www.strategy.com/>

Off Course

By H. Ayala



Elias

hair care

319 Massachusetts Avenue
Cambridge, Massachusetts 02139 497-1590 • 1591

**5 Dollars Off
With This Coupon!!!!**

\$10 Dollars Off On Mondays, Tuesdays, and Wednesdays

-  **Best** Breakfast
-  **Best** Brunch
-  **Best** Deli
-  **Best** Late Night Eatery
-  **2nd Best** Caterer

(OK, so we'll work on the catering)

Now there's proof. For everything from Eggs Benedict and Fresh Grilled Salmon to Boursin Burgers and killer Chocolate Mousse Pie, Cambridge Chronicle readers rate the S&S the most best place in all of Cambridge. Now, where are you going to do better than that?



A Great Find Since 1919

Catering • Deli • Restaurant • Function Room
1334 Cambridge St., Cambridge, MA, Tel. (617) 354-0777

HANG OUT

FOR THE 1995 DOCKERS® EXTREME TEAM PARTY

COME FOR THE EATS, DRINKS & DEMOS

YOU ARE EXPECTED SATURDAY, OCT. 7, NOON TO 3

AND REGISTER (SEP. 28-OCT. 8) TO WIN YOUR OWN EXTREME ADVENTURE 1. WHITEWATER DOWN THE COLORADO RIVER 2. MOUNTAIN BIKE IN THE CANYONLANDS, UTAH 3. ROCK CLIMB ON THE CASCADES, WASHINGTON PLUS OTHER COOL PRIZES ENTER. AT YOUR OWN RISK.

AND CHECK OUT THE NEXT GENERATION DOCKERS® GEAR

DOCKERS® 

CAMBRIDGE GALLERIA
(617) 494-9530

Dockers® and the Dockers® logo design are registered trademarks of Levi Strauss & Co. ©1995

THE ARTS

Dead Presidents stirs emotion on life's uncertainties**DEAD PRESIDENTS**

Directed by Allen and Albert Hughes.
Starring Larenz Tate, Keith David, and Chris Tucker.
Sony Nickelodeon

By Daniel Ramirez

It's 8:00 p.m. on a Tuesday night. While most students were working on problem sets, I was in a private room of the luxurious Four Seasons Hotel. Without warning, in walked two young men, dressed similarly except for their baseball hats. At first glance, you would have seen nothing more than two identical twins. One might even have confused the young men for college students, which they were not. Enter Allen and Albert Hughes, the fraternal twin brothers who made their feature film directing debut at age 20.

In a recent interview with the Hughes Brothers, as they are commonly referred to, I was given the opportunity to gain some extra insight into the brothers and to see why they have become one of Hollywood's hottest commodities.

The Hughes Brothers began their Hollywood career with the critical success *Menace II Society*. Made for roughly \$3 million, the film went on to gross \$30 million; but more importantly, not only did it catch the eye of America, it caught the eye of Caravan Pictures. The movie showed that the Hughes Brothers were filmmakers with a distinct point of view and that they had a bright future ahead of them. With the success of *Menace II Society*, not only did the brothers make a name for themselves, they also earned a deal to direct movies under the Caravan label. Their first project under the label, and only their second major feature, is the highly anticipated *Dead Presidents*.

The story opens in 1968: Anthony Curtis

(Larenz Tate) is a 18-year-old young man, who decides to skip college straight out of high school. He leaves his mentor Kirby (Keith David), his family, and his girlfriend Juanita Benson (Rose Jackson) to enlist in the Marine Corps with his friend José (Freddy Rodriguez) in hopes of serving his country proudly and earning some respect. While at war, we learn that Anthony's girlfriend bore his daughter shortly after his departure. With the arrival of his friend Skip (Chris Tucker), who enlisted after flunking out of college, we

in a heist to acquire some "dead presidents," a slang term for cash. Teamed with his fellow vets, Skip, José, and Cleon (Bokeem Woodbine) and Kirby and Juanita's sister Delilah (N'Bushe Wright), Anthony hopes that this one well-executed score will secure a chance at a better life for himself, for his daughter and for the people of his community.

Over the past few years, the Hughes Brothers have been labeled by much of the press as merely "black movie makers directing black subject matter." However, they don't see it

portraying; and I don't personally think that anyone white or black should be limited from making movies about other cultures." In their opinion, filmmaking isn't about the race of the director; it's about the views they have to offer.

So what view do the Hughes Brothers offer America? According to Allen, they're "making movies that reflect the unpredictability of life. We throw down a guy's life and we throw the cards of life at him. Wherever the chips may fall, that's how they fall. That's life." Films shouldn't follow a three act structure. Instead, the film should stick to the director's vision.

Although only their second effort, the Hughes Brothers' new film displays their ingenuity and maturity with a well directed and well acted production. From start to finish, the audience is witness to a young man's struggle to define his place amid the chaos of the late 1960s and early 70s. Keith David gives a superb performance as Kirby, an older man who becomes a father figure to Anthony. And following his unforgettably hilarious performance as Smokey in *Friday*, Chris Tucker adds humor to the film with his character, Skip. Another highlight of the film is the musical score. Composed by Danny Elfman, one of the foremost film composers in the industry, the music incorporates instruments from all over the world to further enhance the Hughes Brothers' story. Color and

style are a major part of all movies, and *Dead Presidents* offers the audience a variety of it.

From the sultry sounds of the 60s and 70s, to the graphic detail of the Vietnam War, *Dead Presidents* is a film worth watching. It stirs emotions and causes us to think about how unpredictable life really is. Scene for scene, the movie is powerful and well directed. If you want to see a movie that doesn't follow the usual, predictable structure of many films, then watch *Dead Presidents*.



Larenz Tate (second from right) stars in *Dead Presidents* as a man whose life is reduced to shambles after he returns from the war in Vietnam.

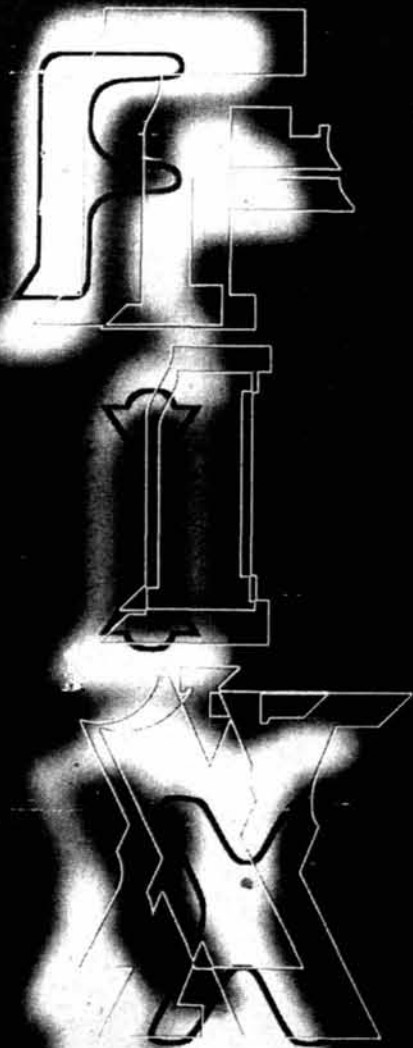
begin to sense a change in Anthony's world.

Upon Anthony's return home in 1972, it becomes more apparent that the life he once dreamed of is not going to become a reality. Instead of being treated as a hero, he is merely treated as a man without an education. Working part-time at a butcher's shop, Anthony, with his girlfriend, is barely making ends meet in an infested South Bronx apartment. Afforded little respect, and eventually unemployed and desperate, Anthony decides to participate

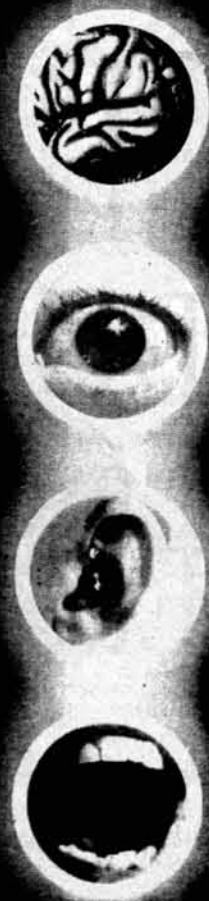
like that. "We're guys who are making movies, if you want to consider us black, then we're black. I don't have no problem with that," Allen said. When asked a question about the responsibilities of African Americans making films pertaining to black subject matter, Albert replied, "I feel, as a black filmmaker making black subject matter, the only responsibility is to the subject matter itself. Not considering any race when making the film, but considering the people that you're

the

<http://www.boston.com/thefix>



fix



The Loved One a mixed-up jumble of brilliant parts

THE LOVED ONE

Directed by Tony Richardson
 Starring Robert Morse, Jonathan Winters, Rod Steiger, Anjanette Comer.
 LSC Classics Friday.
 10-250, 7:30 p.m.

By Stephen Brophy

There are several "loved ones" in Friday night's LSC Classic movie, and all of them are dead. "Loved one" is a euphemism for a corpse used by the various functionaries of an ostentatious cemetery in Los Angeles, ca. 1965. It was a cemetery dreamed up by Evelyn Waugh (*Brideshead Revisited*) after spending a few weeks in Hollywood. In his satirical novel on which this movie is based, Waugh depicts the peculiarities

of the British community of actors and filmmakers living in this glitzy desert paradise.

Robert Morse plays the Candide-like poet who guides us on an odyssey through this strange land. He has come to La-La Land on a lark, hoping to live with his uncle and find some gainful employment. His uncle does take him in, but then loses his own job at a studio much like MGM (the distributors of *The Loved One*). By a surreal chain of circumstances, this leads our young poet to a job in a pet cemetery, loosely affiliated with the more massive mausoleum complex in which the loved ones take up their eternal residence.

This movie was advertised as having "something to offend everyone" when it was released in 1965. It has more than its share of gross and disgusting jokes about death, love, sex, capitalism, religion and poetry, but some

of these seem tame by today's standards. Most of the characters are caricatures, wickedly drawn and uniformly well acted. Jonathan Winters plays a double role as the malevolently mysterious preacher who runs the cemetery and his hapless brother in charge of the disposal of dead pets. Rod Steiger delivers a truly memorable portrait of Mr. Joyboy, an embalmer with a lisp and mincing mannerisms who belies his coding by competing with our poet hero for the love of an innocent young beautician, played by Anjanette Comer.

Other actors who create small but juicy characters include Robert Morley as the leader of the expatriate British community, Lionel Stander as a phony guru, Liberace as a fey coffin salesman, Tab Hunter as a graveyard tour guide, James Coburn as a menacing customs official, and Milton Berle and Margaret

Leighton as the hassled owners of a dead canine. And Aylleen Gibbons stands out among the lesser known actors as Mr. Joyboy's mother, who looks like she must weigh 800 pounds, becomes orgasmic in the presence of food, and knows by heart the schedule of TV food commercials.

Christopher Isherwood and Terry Southern received credit for the screenplay, but the novel had been through many hands before it was finally filmed. This gives the movie a choppy quality, and it ultimately seems to be a jumble of brilliant bits rather than a coherent work. Tony Richardson, father of *Natasha and Joely*, directed, having been lured to Hollywood after the international success of *Tom Jones*. *The Loved One* doesn't live up to the reputation of its predecessor, but it delivers enough laughs to be worth watching.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

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

★★★ Braveheart

Mel Gibson's *Braveheart* is a curious combination of historical legend and modern dramatic techniques woven together into a tapestry of connected stories. With the plot based loosely on Scotland's real-life struggle for independence from England and the screenplay straight from modern Hollywood, the three-hour show reminds one more of *Lethal Weapon* than *Rob Roy*. A Scottish commoner, William Wallace (Mel Gibson) returns to his native land after an education in continental Europe with his uncle. His domestic bliss with a childhood sweetheart is shattered when British lords kill his beloved wife; in response, Wallace leads friends and clansmen in an assault on British forts and charges toward the English border. *Braveheart* increases its appeal contrasting these highland goings-on with portrayals of British royalty, especially the

powerful, evil King Edward I (Patrick McGoohan) The queen-to-be, Princess Isabelle (Sophie Marceau), is bored with her marriage to the king's homosexual son and becomes infatuated with Wallace in a distracting subplot. The battle scenes in *Braveheart* may be gruesome and a bit extreme, but the film as a whole is immensely satisfying. —Teresa Esser. *Sony Copley Place*.

★★★ Clockers

The latest Spike Lee film uses the tried-and-true formula of the inner-city police drama, and it pays off nicely. The story, adapted from the novel by Richard Price, revolves around a young man from the housing projects who is charged with a murder and the police officer Rocco (Harvey Keitel) who refuses to believe the man's guilt. Instead, Rocco confronts the man's brother, Strike (Mekhi Phifer) whom he believes to have committed the murder as part of a drug-related matter for his boss (Delroy Lindo). If the movie at first appears to be Lee's defense of a criminal lifestyle, his depth of characterization partially compensates for this weakness. Lee's

distinctive cinematography makes the film a visual treat, and that is reason enough to see it in a theater. —David V. Rodriguez. *Sony Cinema 57*.

★★★ Desperado

Former indie-whiz-kid-turned-Hollywood-darling Robert Rodriguez delivers the goods in this tongue-in-cheek rewrite of Sergio Leone and Sam Peckinpah westerns. Armed with a budget a thousand times greater than his debut feature *El Mariachi*, Rodriguez casts Antonio Banderas as a brooding man with no name who slays entire bars of hostile characters in search of a Mexican druglord (Joaquim de Almeida) who killed his woman and maimed his hand in the first film. Objectively, the story is weak and offers little pretense for Rodriguez's bloody, over-the-top action scenes. But in spite of the film's loose ends and rough plot edges, the supporting performers (Steve Buscemi, Cheech Marin, and Salma Hayek as Banderas' love interest) are memorable, if not charming. Time will tell if we have another Quentin Tarantino in our midst. —Scott Deskin. *Sony Cheri*.

★★★ Devil in a Blue Dress

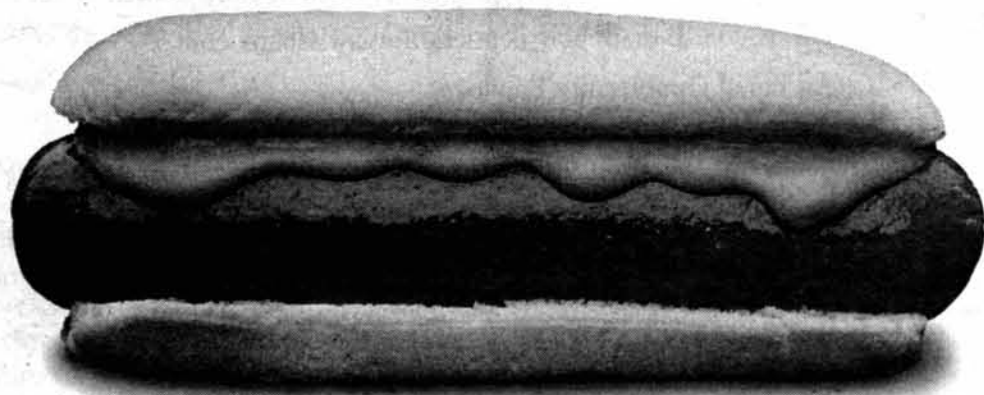
Denzel Washington plays Ezekiel "Easy" Rawlins, a man who endeavors into smoky streets of 1940s Los Angeles as a detective. After being set up by bad guys, he must track down a mysterious woman, played by Jennifer Beals. Good performances all around and direction by Carl Franklin (*One False Move*) highlight the involving, humorous story. Watch for some excellent set production. —John Dunagan. *Sony Cheri*.

★ Hackers


Director Iain Softley hoped to catch the infobahn bandwagon with *Hackers*, but missed the mark. Anybody familiar with the Internet will recognize all the catchwords in addition to a poor plot. Johnny Lee Miller plays Dade, who must battle a subversive computer virus, created by "The Plague" (Fisher Stevens). In the end, *Hackers* wrongly portrays the computer underground and turns out to be all hype and no substance. —A. Arif Husain. *Sony Copley Place*.

On The Screen, Page 11

Save 250 franks on a Macintosh.



Now it's easy to meet both your daily nutritional requirements *and* your college computing requirements without blowing your measly student budget. Because Macintosh computers are on sale. Which means now you can get everything — all the hardware, software and accessories — you need to improve your GPA, surf the

Internet, maybe even have some fun. And still have some change left over for a fully balanced meal. (A dog, a bun, chili, cheese and onions: that's four food groups, right?) Visit your authorized Apple reseller today. And get a taste of real power. The power to be your best. **Apple** 

MIT Computer Connection, Student Center, W20-021
 253-7686, mcc@mit.edu

Offers expire October 13, 1995. © 1995 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, Macintosh and "The power to be your best" are registered trademarks of Apple Computer, Inc. CardShop Plus is a registered trademark of Mindscape. All Macintosh computers are designed to be accessible to individuals with disability. To learn more (U.S. only), call 800-600-7808 or TTY 800-755-0601.

Now \$2,050



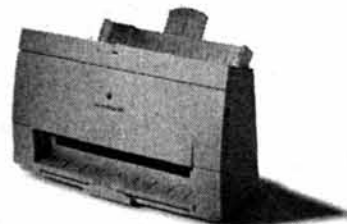
Power Macintosh 7100/80 w/CD
 8MB RAM/700MB hard drive,
 Power PC 601 processor, CD-ROM drive,
 15" color monitor, keyboard and mouse.

Now \$1,830



Macintosh Performa 6214CD
 8 MB RAM/1000 MB hard drive, Power PC 603
 processor, quad-speed CD-ROM drive,
 15" color monitor, keyboard, mouse and
 all the software you're likely to need.

Now \$375



**Color StyleWriter 2400
 w/CardShop Plus**
 Ink cartridge and cable included.

SALES & TRADING Opportunities

Where will you work at the Swiss Bank Corporation?

AT YOUR PEAK! At Swiss Bank Corporation, you'll rise to the challenge and accept responsibility as quickly as your talents and efforts will allow.

With assets of \$132 billion, an impressive client base and the recent acquisition of one of the world's premier investment banking institutions, S.G. Warburg, we are leveraging our strength to become the global investment banking leader of the next century.

As a Trading Assistant, you'll be enrolled in SBC Warburg's industry-renowned training program where you'll learn about derivatives, foreign exchange, fixed income and corporate finance issues. Then you'll begin your practical training in the middle of the excitement on the exchange floor or desk in either Chicago, New York, Philadelphia or San Francisco. You'll provide on-the-spot calculations and analyses of trades, assist market makers with trading decisions and logistics and communicate and analyze various strategies between market makers and portfolio managers. As you pursue your professional goals, you may find your ambitions lead you towards becoming a Senior Trader or Senior Risk Manager. Or you may change career paths and move onto technology, new product development or marketing. You see, in an environment where promotions and opportunities are based on merit, you can achieve as much as your talents, expertise and efforts allow.

If you are energetic, confident and eager for responsibility and have superior communication and problem-solving skills, we invite you to attend our Campus Presentation:

Please note the advertisement that appeared in the October 3rd edition of the Tech ran with an incorrect date. Please see below for the correct information.

Thursday, October 12th, 7 PM - 9 PM
Building 4 - Room 163

If you are excited by the opportunities to reach new heights of success, but are unable to attend this presentation, please forward your resume to: Human Resources, Swiss Bank Corporation, P.O. Box 395, Church Street Station, NY, NY 10008. E-mail: bob_dentice@il.us.swissbank.com

An Equal Opportunity Employer.

While the operations of Swiss Bank Corporation and S.G. Warburg have been successfully integrated in most parts of the world, in the U.S., the Swiss Bank Corporation will be fully integrated with S.G. Warburg upon Federal Reserve Board approval.



**Swiss Bank
Corporation**



ON THE SCREEN

— BY THE TECH ARTS STAFF —

On The Screen, from Page 9

★★ Seven

The latest entry in the genre of psychological thrillers, *Seven* offers viewers the gimmick of a serial killer who masterminds his murders based on the seven deadly sins. Morgan Freeman is the archetypal police detective on the verge of retiring, and Brad Pitt plays his young, idealistic counterpart. Together, they must join forces to outsmart the criminal. The film is filled with darkness, and it employs this effect to represent the moralistic undercurrents of the movie. However, this theme fades to a mere afterthought in the wake of a murky plot, incomprehensible dialogue, and a predictable conclusion. Director David Fincher (*Alien³*) does little to distinguish the film from being a clone of films like *The Silence of the Lambs*. — Benjamin Self. *Sony Cheri*.

1/2 Showgirls

Director Paul Verhoeven's latest exercise in cinematic exploitation turns out to be a real bore, and lacks the wit of Verhoeven's earlier films. Partner-in-crime Joe Eszterhas (who wrote Verhoeven's *Basic Instinct*) deserves blame for a weak script and laughably bad dialogue. But the acting isn't much better in this story of a young woman whose dream is to make it big as a dancer in a Las Vegas casino. There are plenty of naked bodies (enough to garner an infamous NC-17 rating), but the promise of sex and eroticism is weak, even in the mechanical

dance numbers. If overacting and a propensity to prance around naked is all that newcomer Elizabeth Berkley has to offer, she ought to be exiled back to television for the rest of the decade. However, the phony moralism that accompanies the narrative makes the film truly repellent. —SD. *Sony Cheri*.

★★ To Wong Foo, Thanks for Everything! Julie Newmar

This recent film expands the repertoire of Wesley Snipes and Patrick Swayze, who play

dragsters stuck in middle America during a cross-country road trip. About the changes the drag queens bring to rural America, the film remains too haphazard to be believable — even among funny slapstick. The film also borrows too often from the better Australian production, *The Adventures of Priscilla, Queen of the Desert*. —Teresa Esser. *Sony Nickelodeon*.

★★★ 1/2 Unstrung Heroes

In this sentimental, oddball coming-of-age

tale, a boy (Nathan Watt) must face the growing complications he faces in junior high, the sudden illness of his mother (Andie MacDowell), and the increasing estrangement he feels from his scientist father (John Turturro). The boy doesn't find his bearings until he moves in with his eccentric uncles: Arthur (Maury Chaikin), a soft-spoken but unkempt soul who wraps gifts in toilet paper and scavenges trash dumps for valuable items; and Danny (Michael Richards, aka Kramer from the TV sitcom *Seinfeld*), a paranoid communist whose belief

in fascist conspiracies is topped by his inclination for physical humor. As in most tearjerkers, we know there isn't a happy ending, but at least director Diane Keaton gives the characters enough wit to deal with the pain. —SD. *Sony Nickelodeon*.

★★ Unzipped

This documentary traces several months in the life of fashion designer Isaac Mizrahi. Devastated after a disastrous presentation of his spring 1994 collection, he begins anew for the fall. Along the way, he recounts his many inspirations: his mother and Mary Tyler Moore have obviously shaped Mizrahi's sense of fashion as well as his flamboyant personality. But too much of the film seems over-eager — encounters with world-renowned fashion models and a media-blitz surrounding Mizrahi's fall collection seem staged, and the grainy black-and-white photography is an understated, but mixed, visual blessing. Such films play better on PBS than in a movie theater. —Audrey Wu. *Sony Copley*.



Penn Jillette, Lorraine Bracco, and Fisher Stevens fend off a central computer invasion in *Hackers*.

THE BOSTON CONSULTING GROUP

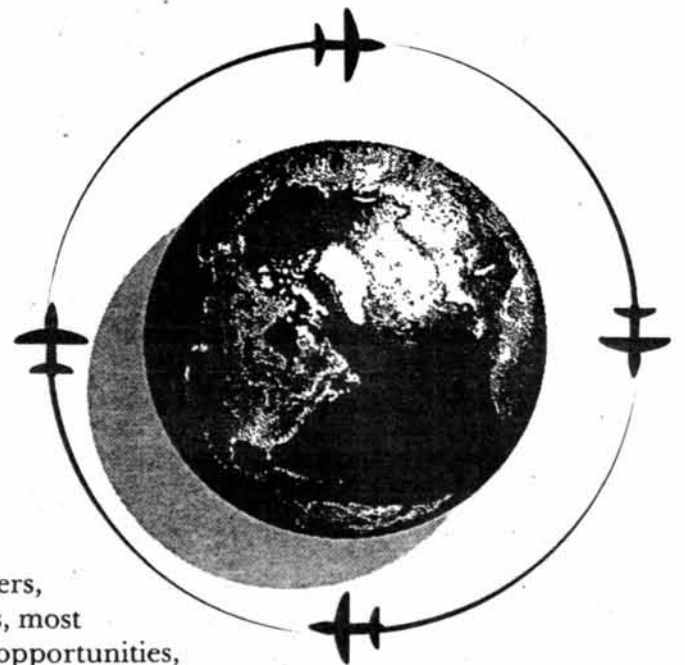
MIT Graduating Seniors interested in Management Consulting: Please join us for an *informal* reception and briefing to learn more about our Associate Program

Thursday, October 12 at 7:00pm

MIT Building 4-370

Hors d'oeuvres and Refreshments will be Served

The Boston Consulting Group is a leading international management consulting firm which has concentrated on helping clients develop and execute strategies to succeed in competitive markets. Because we constantly seek new answers, and because we tailor our approach to each client's specific needs and circumstances, most of our work is with companies facing critical and difficult challenges, in the form of opportunities, competitive threats and changes in their technological or market environment. We work with a wide range of businesses, in manufacturing, high technology, healthcare, financial and other service industries, and consumer goods. Most of our clients are major corporations in the FORTUNE 500 or of comparable size internationally. Generally we work with our clients over long time spans, in creating long-range strategies and helping them make the operational and organizational changes required to put new strategies into practice. BCG currently has 36 offices worldwide. As we grow we are continuing to open new offices in order that we may be located nearer to our clients, and to maintain our offices at sizes that foster cohesiveness and vitality. We believe that some critical qualities of our organization and our people make us successful: inventiveness and the freedom to pursue new ideas; tenacity, rigor and intellectual honesty in pursuit of the best answers for our clients; and a practical sense of the nature of effective leadership. BCG provides an opportunity in our Associate Program that is unmatched.



AMSTERDAM	BRUSSELS	FRANKFURT	KUALA LUMPUR	MELBOURNE	NEW YORK	SINGAPORE	TOKYO
ATLANTA	BUENOS AIRES	HAMBURG	LISBON	MILAN	PARIS	STOCKHOLM	TORONTO
AUCKLAND	CHICAGO	HELSINKI	LONDON	MONTERREY	SAN FRANCISCO	SYDNEY	ZÜRICH
BANGKOK	DALLAS	HONG KONG	LOS ANGELES	MOSCOW	SEOUL		
BOSTON	DÜSSELDORF	JAKARTA	MADRID	MUNICH	SHANGHAI		

UAC Meeting Plans For Coming Year

By Stacey E. Blau
NEWS EDITOR

Finance Board appeals grants were approved at the first Undergraduate Association Council meeting Wednesday night.

The purpose of the first meeting, which lasted 40 minutes, is "to take care of a lot of the organizational things that have to get done," said UAC Floor Leader Ashwin Viswanathan '98.

The first item on the agenda was approval of Finance Board appeals. Student groups who were dissatisfied with the funding allocations they received last spring appealed their funding nearly three weeks ago as part of the final phase of the fall-term funding process.

"Some groups were unhappy with their allocations, and some just didn't show up the first time," said Finboard Secretary Douglas K. Wyatt '96.

Finboard allocated money to several groups, among them Association of Taiwanese Students (\$40), Campus Crusade for Christ (\$200), the Vegetarian Support Group (\$250).

Other groups who appealed their allocations, like *Counterpoint*, who asked for \$14,000 to purchase computer equipment, received no new funds. "We thought that the few hundred we could give them would be only a pittance for their needs," Wyatt said.

The council also approved a \$2,000 loan to the Class of 1999. Each year, the freshman class receives a \$2,000 start-up loan, but that loan is rarely paid back. "It effectively works out to be a \$2,000 grant," Wyatt. Several council members suggested stipulating that the loan be paid back, but Wyatt said "there would be absolutely no way of enforcing it."

The council discussed the elections that will be held next week for

the vice chair, who runs the executive committee, and for four other members of the council who want to serve on the exccom.

Viswanathan said that members for various other committees will be found this week.

Dormitory representatives from East Campus, McCormick, and Senior House will also be selected before next week's meeting, he said.

Constitution revisions linger

The council discussed proposed revisions to its constitution. Some of the changes include redefining the roles of UA officers and giving the executive committee more flexibility. At the council's last meeting in the spring, the revisions were rejected after a heated debate.

"If there is enough interest within the organization, we might pursue amending the constitution," Viswanathan said.

"Some feel that revising the constitution would further detract the UA from facing the issues which concern students. Others feel that fixing it would enable the UA to better help students," Viswanathan said.

Plans for a UA bookstore

The UA has several goals and issues it plans to deal with in the coming year.

The creation of a UA bookstore so that students can buy books in "an easier, cheaper manner," is a one of the UA's main goals this year, Viswanathan said.

The council also hopes to examine the results of the Dean's Office's Sophomore Survey and look at the new experimental grading system.

Viswanathan said he is optimistic about the coming year. "A lot of freshmen seem to be very interested, especially with the special committees," he said. "Freshmen are really our greatest source of interest."

Washington Post Old-Timer Bradley Speaks at Killian Hall

By Eva Moy
STAFF REPORTER

After 30 years as writer and editor of *The Washington Post*, Benjamin C. Bradley has changed medium in writing his memoirs, *A Good Life: Newspapering and Other Adventures*.

Speaking to a full house in Killian Hall (14W-100) Monday, Bradley talked about some of his adventures. He also answered questions about more recent events, like the Unabomber manifesto and the information superhighway.

Bradley "has been an eyewitness to most of the seminal events of the second half of the twentieth century, from Guadalcanal to Japan during World War II, all the way through the end of the Cold War and the political revolution of the 1990s," according to the book jacket.

"He changed his newspaper, and then his newspaper changed America," said Matthew Storin, editor of *The Boston Globe*, who introduced Bradley at the beginning of the talk.

Bradley started the talk with the story of his sister-in-law's affair with President John F. Kennedy. The affair was detailed in her diary, which she had asked to be destroyed upon her death.

Bradley did not disclose the information himself, but as the news got out, people asked why he did not come forward with the information right away.

This was a question of "How personal do you get, and how far do you invade somebody's privacy?" Bradley said.

"I'm supposed to be such a killer about publishing," Bradley said. But

he felt that the incident did not affect Kennedy in his public business so he kept the information private.

Bradley also briefly touched upon other topics about which the audience asked: he would have printed the Unabomber's manifesto had it been his decision; Nixon's ghost does not haunt Washington (except for a few older Republicans); and no one will know the identity of Deep Throat, one of the most important sources for the Watergate series, until he, Deep Throat, dies.

About the information superhighway, Bradley said: "Everybody else has found it except me." With so many more choices offered by this new technology, he said that it

Bradley, Page 17



Benjamin C. Bradley, former executive editor of *The Washington Post*, signs copies of his book after his talk in Killian Hall on Monday.

EVA MOY-THE TECH

Geniuses Wanted.



Why not start your career at the world's leading independent software company?

Right now, we're looking for programmers to develop, support and enhance systems and network management, database and applications development and business application software. Initial training involves a dynamic 3 1/2-month program that will immerse you in key industry technologies and CA's technology strategy. Candidates should have both an educational and a practical knowledge of C, C++, UNIX,

MS-DOS/Windows and networking technologies.

Benefits include generous compensation packages, including 401(k) and profit sharing, company-paid health and medical coverage, corporate fitness centers and tuition reimbursement. Ability to relocate is a must.

Call us today and find out why *Computerworld* said CA was the best place to work in the entire computer industry!



For More Information, Please Write, Fax Or Call:

Computer Associates
One Computer Associates Plaza
Islandia, NY 11788-7000

Tel: 1-800-454-3788

Fax: 516-342-5737

Or visit: <http://www.cai.com>

Computer Associates

Jim's Journal

Tony and I went to McDonald's today.



©1994 DIKKERS DIST. ONION FEATURES

They were having one of those rub-off contests.



"They give away tons of free Cokes with these things," Tony said.



I rubbed off a spot and didn't win anything.



by Jim

SPECIAL ADVANCE SCREENING

GET SHORTY



Attitude plays a part

JOHN TRAVOLTA GENE HACKMAN RENE RUSSO AND DANNY DEVITO

METRO-GOLDWYN-MAYER PICTURES PRESENTS A JERRY BRUCKHEIMER PRODUCTION A BARRY SONENSHINE FILM JOHN TRAVOLTA GENE HACKMAN RENE RUSSO AND DANNY DEVITO GET SHORTY WITH JOHN LEE AND GRAHAM PLACE COSTUME DESIGNER BARRY SONENSHINE EXECUTIVE PRODUCERS WILLIAM LEONARD PRODUCED BY SCOTT FRANK WRITTEN BY DANNY DEVITO AND MICHAEL SHAMMERS STORY BY BARRY SONENSHINE

Pick up Free Passes At The Door MIT/Wellesley I.D. Required Presented By MIT Lecture Series Committee Wednesday, Oct. 11 8:00 PM 26-100

Courtesy of Entertainment CK Diet Coke Ray-Ban TOYOTA USA NETWORK

Wimona PYDER Anne BANCROFT Ellen BURSTYN Kate NELLIGAN Alfre WOODARD



There's beauty in the patterns of life.

HOW TO MAKE AN AMERICAN QUILT

UNIVERSAL PICTURES PRESENTS AN AMBLIN ENTERTAINMENT PRODUCTION A JOCELYN MOORHOUSE FILM A SANFORD PILLSBURY PRODUCTION "HOW TO MAKE AN AMERICAN QUILT" MAYA ANGELOU KATE CAPSHAW LOREN DEAN SAMANTHA MATHIS DERMOT MULRONEY DERRICK O'CONNOR JEAN SIMMONS LOIS SMITH RIP TORN MYKELTI WILLIAMSON MUSIC BY THOMAS NEWMAN SCREENPLAY BY TIM SEXTON DIRECTOR OF PHOTOGRAPHY WALTER PARKES EDITOR LAURIE McDONALD EXECUTIVE PRODUCERS DEBORAH JELIN NEWMYER PRODUCED BY SARAH PILLSBURY AND MIDGE SANFORD BASED ON THE NOVEL BY WHITNEY OTTO SCREENPLAY BY JANE ANDERSON WRITTEN BY JANE ANDERSON DIRECTED BY JOCELYN MOORHOUSE

PG-13 PARENTS STRONGLY CAUTIONED Visit the Universal Pictures Internet site at (http://www.mca.com!) OPENS FRIDAY, OCTOBER 6TH AT THEATRES EVERYWHERE

SYLVESTER STALLONE ANTONIO BANDERAS



In the shadows of life. In the business of death. One man found a reason to live.

ASSASSINS

JULIANNE MOORE

WARNER BROS. PRESENTS A SILVER PICTURES PRODUCTION A RICHARD DONNER FILM ASSASSINS STYLING BY DONNER/SCHLEIFER/DONNER PRODUCTION DESIGNER RICHARD DONNER EXECUTIVE PRODUCERS SYLVESTER STALLONE PRODUCED BY RICHARD DONNER, SHULEY, DONNER AND RICHARD DONNER WRITTEN BY RICHARD DONNER, ALEXANDER COLLETT AND DAN CRACKWOLD DIRECTED BY RICHARD DONNER CASTING BY LAUREN SWILVER-SHARON AND DAVID LAURENTIS COSTUME DESIGNER ANDY WACHOWSKI EXECUTIVE PRODUCERS ANDY WACHOWSKI AND LARRY WACHOWSKI PRODUCED BY ANDY WACHOWSKI AND LARRY WACHOWSKI WRITTEN BY ANDY WACHOWSKI AND LARRY WACHOWSKI BASED ON THE NOVEL BY JIM THOMPSON

STARTS OCTOBER 6

Negroponte Reflects on Media Lab's First Ten Years

By David D. Hsu
NEWS EDITOR

As director of the Media Laboratory for its first 10 years, Nicholas P. Negroponte '66 has guided a good portion of the evolution of multimedia and information technology.

Negroponte announced the completion of the Media Lab's multimedia mission and will announce the newest project, *Things That Think*, on Tuesday.

After several electronic mail exchanges with Negroponte, I arranged a half-hour interview with him, catching him a day before he left for a trip to Geneva.

Negroponte reflected on the lab's first 10 years and also described the current relation of the lab to the academic and business worlds. While the lab started out focusing on multimedia, it has since expanded to several other areas.

In his *Wired* magazine columns and his book, *Being Digital*, Negroponte makes a distinction between a world of atoms and a world of bits. The world of atoms depends on the tangible carriers of information. People worry about the size of their television screen that delivers the programs or the size of the characters in a book. In a world of bits, information will be in digital form, 1s and 0s, and not reliant on physical material.

As the Media Lab progresses through the next 10 years, it will seek to understand the bits, the fundamental building blocks of computer technology, Negroponte said.

The Tech: Oct. 10 will mark the 10th anniversary of the Media Lab. What would you say characterizes the first 10 years?

Negroponte: I guess the first 10 years of the Media Lab, simply stated, is the sensory apparatus of computing — making it a richer place to be, commonly called multimedia, which was more or less born here. So if you look back at the 10 years, probably the common denominator is sound, color, motion — all those things we tend to take for granted in computing which 10 years ago more or less didn't exist. That was the past 10 years.

The Tech: What has been the greatest success for you at the lab?

Negroponte: That's in the eyes

of the beholder. Again for me, part of the achievement is measured just by sheer existence and stability. You have to realize that when we started, there was absolutely no reason to believe we'd actually make it. We've grown some years 50 percent per year, and I think we've achieved a certain solidity.

The intellectual achievements, again, depend on your perspective. There are so many people in projects so that each one of them has their own sort of landmarks. So I don't want to go through the project list. My goodness, you have to realize there are over 100 projects going on at any moment of time.

The Tech: What was your biggest disappointment at the lab?

Negroponte: Biggest disappointment? Now, by disappointed, you mean something that failed, that we tried and failed?

The Tech: Or something you would like to have done which you never got a chance.

Negroponte: Yes, I think I would like to have been able to do more in the area of speech understanding, recognition. I think we've done too little in the area of machine recognition of speech. That's probably the area we've been weakest in, because we've certainly done an awful lot in the area of image understanding, recognition.

If you look back at the 10 years, probably the common denominator is sound, color, motion — all those things we tend to take for granted in computing which 10 years ago more or less didn't exist. That was the past 10 years.

The Tech: How has the Media Lab changed its focus from 10 years ago, and what will characterize its next 10 years?

Negroponte: Well, probably the meta-answer to that is that the focus of the Media Lab now is not a single focus at all. It's driven by roughly 20 faculty and senior research staff. Whereas 10 years ago, it was a much more singular focus on multimedia and applications that basically led to some of the information

entertainment systems that you see today.

But if you were to characterize the next 10 years, it's clear that the common denominator will be sort of understanding the bits. In other words, you can think of the past decade as giving the bits sound, color, motion, and so on, and the next decade, sort of understanding what the bits mean. That's probably a simple way of characterizing the last 10 years and the next 10 years.

The Tech: On Oct. 10, you will announce the new Media Lab project, *Things That Think*. Could you tell me a little more about that?

Negroponte: Sure. The Media Lab has over 100 corporate sponsors, and sometimes the sponsors are grouped into consortia. We have two big consortia going on right now: *Television of Tomorrow* and *News in the Future*. What we're starting is a third which is going to be called *Things That Think*. And the idea here is to imbed computing into common objects that are first and foremost something else other than a computer or a telecommunications device.

The purpose is two-fold. On the one hand it is to make that object perform better or to give it a personality such that it performs better. The second is to get it to do things that it might not otherwise have done before, and when we say things, we really mean it. We really



about 40 companies. But what would be different is that many of the 40 companies will be totally new to both MIT and the Media Lab.

The Tech: The Media Lab is often criticized for being smoke and mirrors: a lot of toys and gimmicks, but little scientific substance. Even the title of the next project, *Things That Think*, sounds really simple. What do you say to that criticism? And how has the lab changed to become more of a rigorous, scientific enterprise?

Negroponte: Well, first of all, there's an assumption in your question that rigor is a feature; sometimes it's in fact a liability. Sometimes you actually want not to be that rigorous. It's very easy to criticize and say it's a lot of smoke and mirrors. On the other hand, the multimedia industry turned into a trillion-dollar industry. So maybe smoke and mirrors in some people's eyes, but it's obviously a big deal.

I guess the best way to answer that is that people think (and this is where I think they're wrong), that

which it is something industry cannot even begin to consider because the payoff is not only a one in 100 chance. Even if you could guarantee it would pay off, it would be a five- or ten-year investment. So our job — actually it should be MIT's job in general — is to do the research that industry cannot afford to do because it's too risky and too distant.

The Tech: The Media Lab is associated with a number of organizations including the Institute and cutting-edge businesses, like you said. Where do you think the lab fits and should fit within the different academic, scientific, and corporate worlds?

Negroponte: You know, the lab has to fit in different places from different perspectives. At MIT we're an academic program that is very active. We have 120 graduate students. I believe we're still the highest UROP [Undergraduate Research Opportunities Program] employer on campus. That's a large academic program. Particularly large from my point of view

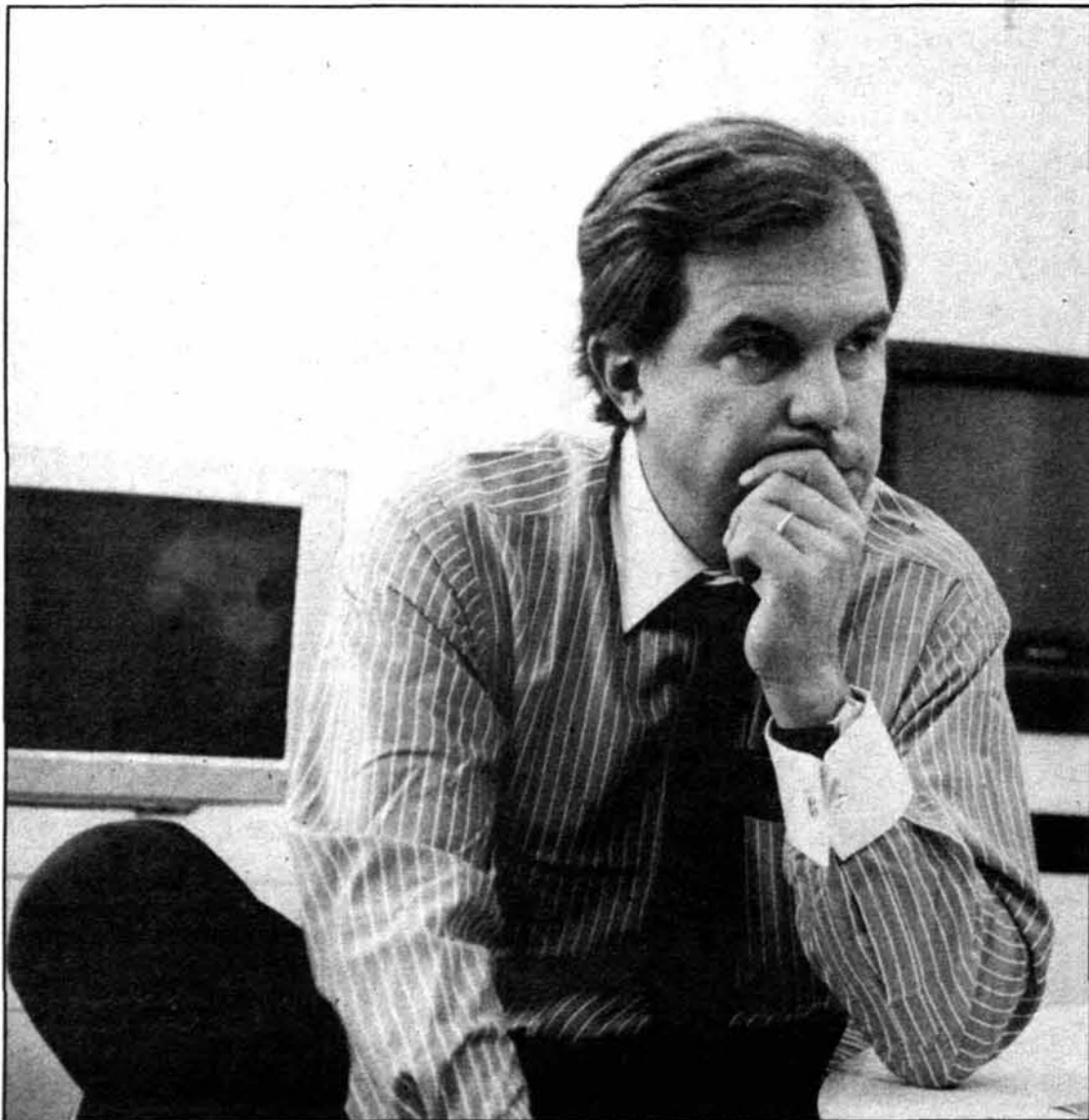
If you were to characterize the next 10 years, it's clear that the common denominator will be sort of understanding the bits. In other words, you can think of the past decade as giving the bits sound, color, motion, and so on, and the next decade, sort of understanding what the bits mean. That's probably a simple way of characterizing the last 10 years and the next 10 years.

the food chain of research starts with basic materials — science, entry materials. It moves to understanding maybe circuits and theorems. From there, understanding subsystems and systems and networks and so on. There are the applications on top of that, and there's end-user applications. When you take an end-user application that's at one extreme and doing basic research on materials sciences as another extreme, I think that's a faulty way of looking at it.

I think you can do basic research and applications. What makes it basic, and it seems like an oxymoron — basic research and applications — but what makes it basic is the degree of risk and the degree to

because we guarantee all graduate students full tuition — full research associateships for the entire duration of their studies at MIT. That's from MIT's point of view: We're both a lab and an academic entity.

From the corporate point of view, I would like to think that we are the way that they can outsource their basic research. As companies downsize and cut back, one of the first things to go is research. Another phenomenon which is equally important is when you're in the area that we're in, you need multiple disciplines — you can't just hire 30 physicists or 30 computer scientists. You really need people who know



Media Lab to Better Understand Computer Technology

Negroponete, from Page 14

about photography and film and music and sound processing. What we're able to do is provide that kind of heterogeneous environment.

Even take a company like IBM whose research is extraordinary. They are not in a position to hire the kinds of people we are because they're just too different. So they hire predominantly computer scientists, mathematicians, and physicists and have a much more homogenous world. We get to do exactly the opposite, partly because we're part of MIT and partly because our sponsors are such a mixed bag of companies. So from the corporate point of view, we are basically presenting ourselves, and they see us, I believe, in this way — as a place where they can, at very low cost, still keep a finger in basic research into applications.

The Tech: In many ways the Media Lab and you have become spokespersons for the revolution in information technology. How has the increased attention on the lab helped it develop?

Negroponete: One of the reasons this has happened is because of *Wired* magazine and things like that. I'm not 100 percent sure that's good for the lab. Sometimes sponsors get nervous about things that I say in *Wired* magazine. And so we can enjoy a certain amount of high-profile sort of benefits. Most CEOs will answer my phone calls, but we also are always at risk of offending somebody. And the visibility is a double-edged sword. But I don't think it's correct to call us the spokesmen. I think we again just may have a view as recently as five years ago that was considered off the wall, and today it's considered right on the mark, and who knows

where we'll be tomorrow.

The Tech: You cited *Wired* magazine. *Wired* was looking for support a few years ago, and you decided to help. Why did you believe in the *Wired* magazine concept?

Negroponete: Oh that's easy. I believed in the concept of *Wired* because the time was right. Their timing couldn't have been better. The business plan for *Wired* was just a no-brainer when it came to timing. What I couldn't have predicted when that happened was the quality of the two people who run it. The president and the editor of *Wired* have turned out to be just extraordinary and made that magazine an international success. Needless to say, I'm not unhappy that I financed it.

The Tech: With any technological advance, there's always some kind of downside. With what I've read about *Things That Think*, I see a lot of increased convenience but also lost privacy and opportunity for abuse. How does the Media Lab take into consideration the social ramifications of the technology it will bring?

Negroponete: You have to think of this building as a building full of inventors. You're not only at the pre-competitive stage of research, but you're also at the pre-social intervention stage. So a lot of people who work here will spend less time trying to understand the social implications and more time inventing and building and trying. In the case of the *School of the Future* program, you would basically intervene by trying something in the school setting.

From my own point of view, the part that I'm most concerned about is security and privacy. And I think that's pretty well shared as a view

around the laboratory. There's a lot of work to be done there, some of which has nothing to do with science, some of which just has to do with pure politics and the American export laws, so it's a mixed bag. Security and privacy is a very big issue, and I think people really know that. On a political front, I'm certainly trying to lobby to change

some of the laws that Congress currently has against the export of equipment.

The Tech: On your book, *Being Digital*, you have that binary code on the spine. Could you tell me a little something about that?

Negroponete: Sure. The code is a

message. I mean it really is a message buried in there. At the time, I was writing a story for *Wired* magazine, trying to point out that when you embargo encryption of a certain strength so that drug dealers, pedophiles, and other sorts of criminals might not get their hands on them, you're fooling yourself. Because on top of any encryption, you can lay another layer of encryption. Not everything has to have a public key. I mean you can have a private key so you and I could agree on a few things, and I could then thereafter send you messages that nobody will ever be able to break.

And my point, which is sort of a simple one, was to put it on the back of the book and offer a \$100,000 reward for anybody who could break it. The publisher thought that was a good idea but was nervous. And I said that I could cover the \$100,000; it's just unbreakable.

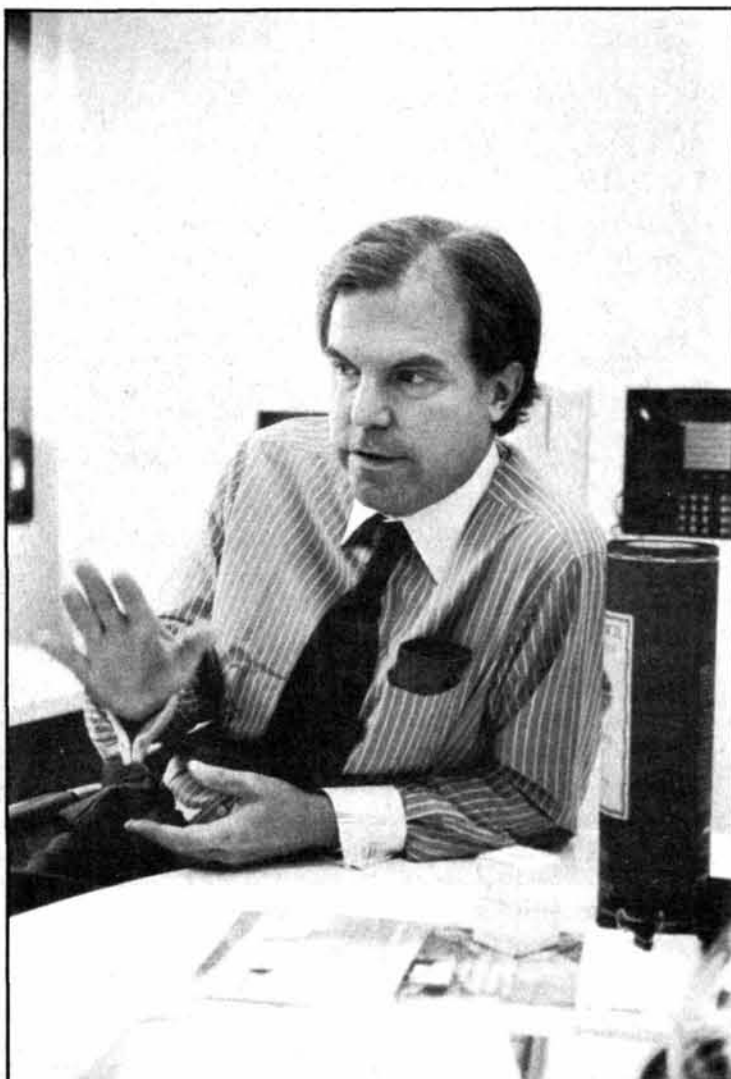
It turned out it's against state laws to make that a competition. Some states have laws against competitions. Most of it depends on the state where you bought the book or read the book or where you broke the code, so in the end, we dropped it. There was never a competition. There still is something on the spine.

The Tech: Are you the only one who knows?

Negroponete: I'm the only one who knows.

The Tech: Somebody told me that you always wear a blue and white striped shirt...

Negroponete: I just have an awful lot of them at home. We all have our idiosyncrasies. Some people insist on going to work and going to meetings with black ties and tennis sneakers.



BAIN & COMPANY

CORDIALLY INVITES THE
 MASSACHUSETTS INSTITUTE
 OF TECHNOLOGY
 CLASS OF 1996
 TO A PRESENTATION ON
 CAREER OPPORTUNITIES IN
 INTERNATIONAL STRATEGY
 CONSULTING

THURSDAY, OCTOBER 12, 1995
 7:00 PM
 THE CAMBRIDGE MARIOTT

Bain & Company

INTERNATIONAL STRATEGY CONSULTANTS

BEIJING • BOSTON • BRUSSELS • CHICAGO • DALLAS
 GENEVA • HONG KONG • LONDON • MADRID • MILAN
 MOSCOW • MUNICH • PARIS • ROME • SAN JOSE (COSTA RICA)
 SAN FRANCISCO • SEOUL • SINGAPORE • STOCKHOLM
 SYDNEY • TOKYO • TORONTO • WARSAW

Two Copley Place, Boston, MA 02117-0897
 An Equal Opportunity Employer



Dexter's not his usual self.
You suspect the **salsa.**

So you call *Dr. Nusblatt*, your family vet back home.

The **call** is *cheap.*

(Too bad about the *consultation* fee.)

Live off campus? Sign up for AT&T *True Reach Savings*SM and save 25%
no matter who, how, when or where
you call in the U.S.

Life can be complicated. AT&T *True Reach Savings*SM is simple. Save 25% on every kind of call on your AT&T phone bill—direct dial, calling card, directory assistance, local toll, cellular, fax and modem—when you spend just \$25 a month*. No other plan gives you all these different ways to save.** Just call **1 800 TRUE-ATT** to sign up. Save on every call. *That's Your True Choice.*SM



AT&T

Your True Choice

*Refers to long distance calls billed to AT&T home or AT&T Calling Card accounts. Discounts off AT&T basic rates. Certain exclusions apply. Subject to billing availability. Offer available to residential AT&T customers. Minimum spending requirement is per residential line. **Compared to major long distance carriers.

MIT Assessed \$4.5 Million Fee For New Cogeneration Facility

Cogen, from Page 1

The stranded cost Cambridge Electric incurred totals about \$6,000,000. Under the ruling, MIT must pay \$4,500,000.

"Cambridge Electric incurred a great many costs to serve MIT," Diamond said. On behalf of MIT, Cambridge Electric paid the "cost of all the equipment and the lines and substations and the power contracts and the decommission costs" associated with providing power to a large customer like MIT.

Cambridge Electric is required by state regulations to enter into long-term contracts to provide power based on MIT's needs.

Cambridge Electric filed a petition in March to recover the costs for the advance planning it made for MIT. The DPU had six months to render its decision, which came last Friday, the last possible day.

MIT was the company's second largest customer, behind Harvard. The City of Cambridge and manufacturing plants in Cambridge are also big customers.

Cambridge Electric is part of Commonwealth Electric, which is part of Commonwealth Energy Systems.

Decision hurts MIT, cogeneration

"It's unfortunate that what has happened is that a disincentive has been made against cogeneration," said Ronald P. Suduiko, assistant to the president for government and community relations.

The cogeneration plant provides an environmentally sound source of energy, and the fee may discourage others from making use of cogeneration, he said.

"I don't know why DPU ruled the way it did," Suduiko said. "The plans have been concrete for 10 years now. They had pretty sufficient notice."

MIT "has been considering cogeneration since 1985," said Victoria V. Sirianni, director of Physical Plant. The cogeneration plant has been under construction for two-and-a-half years, but MIT has been talking with Cambridge Elec-

tric for ten years, she said.

"We did know that MIT was considering it" since 1985, but "we were not notified that the project was a go until a couple of years ago," Diamond said.

"Until we get the official word that this is what they're doing, we have to assume that they will need that power," he said.

"If we based our planning projections on a thought that they might be doing something," we would run the risk of having a critical shortage, and people would ask, "Why didn't you plan ahead?," Diamond said. "We base our planning model on official notification."

Over the last few years, in anticipation of the drop, "we cut our labor force by 15-percent, closed a district office, and renegotiated power contracts for power we didn't need," Diamond said.

MIT is presently considering the option of taking the issue to court, Suduiko said. MIT also has the option of filing a petition within the next two weeks to contest the decision.

The issue is "very complex

because we are still on the grid. There are some buildings at MIT which will continue to be supplied" by Cambridge Electric, Sirianni said. "The MIT plant doesn't meet all of MIT's needs."

About a quarter of MIT buildings remain on Cambridge Electric for regular power needs. MIT will also continue to rely on Cambridge Electric for standby and supplementary power.

"MIT is one of Cambridge's largest customers," on the order of millions of dollars, Sirianni said.

"When MIT has to take their unit offline, we can plan ahead and have the power to meet all of MIT's needs," Diamond said

This is "power we would supply to MIT in the event that the generator had a malfunction and the whole campus was without electricity," he said. "We would supply MIT with power at a moment's notice."

"That capacity is very expensive for any utility to have available but not use," Diamond said.

Daniel C. Stevenson contributed to the reporting in this story.

Bradlee Shares Life Experiences as Editor

Bradlee, from Page 12

will be the newspaper's job to sort out the information for the reader.

"Minimum of brains" to report

Bradlee jokingly described himself as "lean, hard, interesting," but as an editor, he was a "sprinter." Colleagues often said he was "unsurpassed at 150 words, but at 200 he gets lost."

And what does it take to be a good reporter? "It takes a certain minimum of brains, but it doesn't have to be overpowering," Bradlee said. Energy, persistence, curiosity,

an analytical mind, and writing ability are the essential qualities for a good reporter, he said.

Bradlee's stop at MIT was sponsored by Waterstone's Booksellers and the MIT Libraries. The reading series had been moved from the Waterstone's store on Exeter Street because of fire damage last month.

The remainder of the talks this fall are distributed between MIT, the Boston Public Library, and the Great Hall in Faneuil Hall.

Tonight's reading, by Witold Rybczynski, has been cancelled because of the author's illness.

THE NAVY NUCLEAR TEAM

Get your start in nuclear power where nuclear power got started. In the U.S. Navy. The Navy operates more than half of all the nuclear reactors in the United States. Being on the Navy Nuclear Team puts you in an elite group.

If you qualify, you can start in the Navy Nuclear Propulsion Officer Candidate Program and earn up to \$42,000 before you graduate. The Navy will pay you as much as \$1,600 a month plus bonuses.

To qualify you must meet these requirements:

- Have completed sophomore year, majoring in engineering, chemistry, science or math, with a minimum 3.0 GPA.
- Have completed one year of integral calculus.
- Meet the Navy's physical standards.
- Be no more than 26 1/2 years old at the time of commissioning, and a United States citizen.

FOR MORE INFORMATION CALL OR VISIT:

Navy Officer Engineering Representatives will be at the Career Fair Oct. 13th.

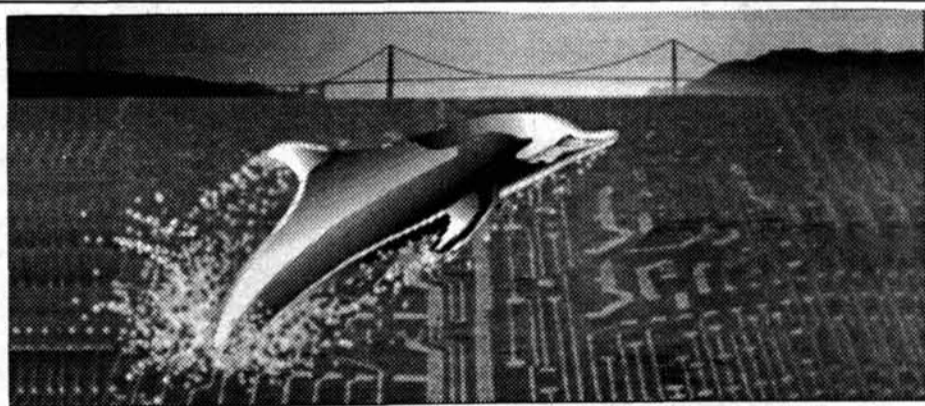
NAVY OFFICER You and the Navy. Full Speed Ahead.

Free for all!

PLAY ONE HOUR AND GET THE SECOND HOUR FREE WITH THIS AD.
Great food and cocktails. Open 7 days 'till 2 a.m.
Play must be completed by 10 p.m. One ad per table per night.

BOSTON BILLIARD CLUB

126 Brookline Avenue, Boston, (617) 536-POOL



SOME ACHIEVE BY LEAPS AND BOUNDS. WE ACHIEVE BY LEAPING BOUNDARIES.

AT CISCO SYSTEMS, MAKING RESPECTABLE PROGRESS ISN'T GOOD ENOUGH. WE ALWAYS GO BEYOND THE EXPECTED, ALWAYS IN THE DIRECTION OF WIDE OPEN POSSIBILITIES. THAT'S HOW WE'VE MANAGED TO LEAP SO MANY BOUNDARIES IN THE DEVELOPMENT OF HARDWARE, SOFTWARE, AND CUSTOMIZED INTERNETWORKING PRODUCTS. VERY SOON, VIRTUALLY EVERY INDUSTRY WILL RELY UPON INTERNETWORKING. THAT MEANS THEY WILL RELY UPON CISCO.

WHAT DOES IT TAKE TO PERFORM AT THIS LEVEL? PEOPLE WHO ARE IRREFUTABLY THE BEST AT WHAT THEY DO. TECHNOLOGISTS AND STRATEGISTS OF THE HIGHEST ORDER. AND WHAT HAPPENS WHEN SO MUCH TALENT COMES TOGETHER IN ONE COMPANY? A LOT OF MILESTONES. A LOT OF SUCCESS.

WE BELIEVE IN BEING THE BEST. CISCO IS AN EXCITING, PROGRESSIVE COMPANY. WE SEE A CHALLENGE AS SOMETHING TO AIM FOR—THEN SURPASS. OUR PEOPLE NOT ONLY USE THE LATEST TECHNOLOGY—THEY CREATE IT. WE BRING TOGETHER EXPERTS FROM DIVERSE LIFE EXPERIENCES AND OFFER THE IDEAL ENVIRONMENT FOR THEM TO REFINE THEIR TALENTS, PERFECT THEIR SKILLS AND PROMOTE THEIR STRENGTHS. A "COMPANY" DIDN'T MAKE US SUCCESSFUL—PEOPLE DID.

CISCO SYSTEMS, INC. IS THE LEADING GLOBAL SUPPLIER OF ENTERPRISE NETWORKS, INCLUDING ROUTERS, LAN AND ATM SWITCHES, DIAL-UP ACCESS SERVERS AND NETWORK MANAGEMENT SOFTWARE. THESE PRODUCTS, INTEGRATED BY THE CISCO INTERNETWORK OPERATING SYSTEM (CISCO IOS™) LINK GEOGRAPHICALLY DISPERSED LANs, WANs AND IBM NETWORKS. CISCO IS HEADQUARTERED IN SAN JOSE, CA AND IS TRADED UNDER THE NASDAQ SYMBOL CSCO.

Room 4-145, 7:00 pm
See us at our On Campus Presentation, **Wednesday, October 11.** Cisco Systems representatives will also be interviewing on campus **Thursday, October 12** for the following positions:

• SOFTWARE ENGINEERS

We will also be at the SWE Career Fair on campus **October 27-28.** Check with the Career Placement Center for a detailed listing of positions and other dates we will be on campus.

If unable to arrange an interview with us, please fax your resume to (800) 818-9202, Attn: Human Resources. E-mail address: college@cisco.com. No phone calls, please. EOE.

For further information on job descriptions and qualifications, preview our home page on the World Wide Web at:
<http://www.cisco.com/public/employment.html>



Jim's Journal





by Jim

The Speech and Natural Languages Group of BBN Systems and Technologies will be on campus Tuesday 10/10 from 6PM -7PM in room 4-149 to talk and give a demo of speech and language applications.

FOOD WILL BE SERVED!!!
Come see the future today!

For more information call Karen Nicholson at (617) 873-4538

PICANTE
MEXICAN GRILL


THE BEST BURRITOS

New England's Source for Fresh California Mexican Cuisine
No Lard • Vegan Specials • Fresh Salsa Bar • Mexican Beer
Catering & Platters • Delivery by Eat In Free -Call 278-2100
Between the T Stop & City Hall in Central Sq.
735 MASS. AVE. CENTRAL SQ. CAMBRIDGE
576-6394

We need someone to fill a unique job opening. Someone to spend two years in another country. To live and work in another culture. To learn a new language and acquire new skills.

We need someone who wants to help improve other people's lives. Who's anxious to build lasting friendships. To gain memories and experience that will last a lifetime. And a sense of fulfillment few jobs can match.

We need a Peace Corps volunteer. Interested? The first step is easy. Call 1-800-424-8580, Ext. 93.



This space donated by The Tech

THE PERKS AND BENIES



Theirs.



Ours.

Small tech firms say you have to give up cushy benefits to work on the hot stuff. It's not until you hire on with no extras, that you find your cozy place of employment isn't brewing up any big projects on the front burner...or the back. At Oracle, you not only get an opportunity to work with the universe's largest supplier of software for information management, you also get to choose from a stellar array of benefits. We offer you six medical, two dental and two vision plans. There's premier life, auto & homeowner's insurance and legal services. Plus tax, investment, savings & stock plans that complement our excellent work/family balance options. And that's no java.

BS/MS CS/EE. You can become a: Software Developer • Technical Analyst • Consultant • Product Manager

We'll be interviewing on campus October 24 & 25. E-mail your resume TODAY!

Oracle Corporation, 500 Oracle Parkway, Box 659501, Redwood Shores, CA 94065. E-mail: jobs@us.oracle.com / FAX: 415-506-1073 / PHONE: 415-506-6991
For additional information, visit our web site at: <http://www.oracle.com/info/hr/recruiting.html>. Equal talent will always get equal opportunity.

ORACLE
Enabling the Information Age

Funding Cutbacks For Library Result In Shorter Hours

Library, from Page 1

actually used the library after midnight," he said. Mehta added that the SSR team has received only seven complaints about the new hours so far. Complaints can be sent to *studentserve@mit.edu*.

Students needing study space should use the Student Center reading room and random classrooms are open at night, Mehta said.

Graduate Student Council President Barbara J. Souter G expressed a similar view. She said that only one graduate student she talked to had been very upset by the decision to shorten library hours. She noted, however, that graduate students are probably less affected by the rescheduling than undergraduates. "Graduate students often have their

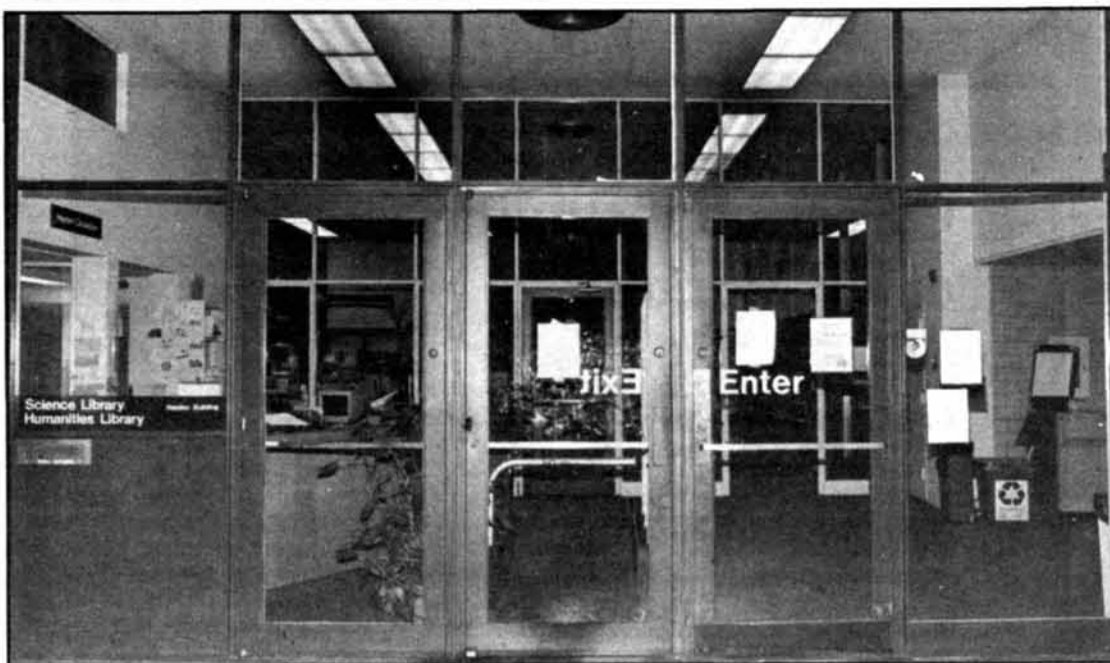
own offices to study in," she said.

"Our theory is that it might be useless to complain about it, and since it was caused by fiscal problems, [returning to the old schedule] might lead to worse problems, like fewer librarians or resources," she said.

Russell S. Light '98, treasurer of the Undergraduate Association, expressed disappointment at the decision. "It was very convenient for people to study late at night."

"It's not an overriding concern for most people," Light noted. He said that he did expect the issue to come up on the UA agenda sometime this year.

Ferriero said that a return to the old schedule in the near future is "possible, but not something I see as very likely to happen."



GABOR CSANYI - THE TECH

Hayden Memorial Library now closes at midnight.

ADAPTEC TO THE RESCUE

ADAPTEC WILL SOON BE ON CAMPUS GET READY.
WWW.ADAPTEC.COM

Sail Into The Coop For Great Savings During Our

Columbus Day Sale

25% OFF All Men's & Women's Outerwear and Sweaters.*
*Excluding Insignia Merchandise

Come In And Save For The Final Days Of Our

Fall Home Sale

Hurry In Sale Ends Oct. 9, 1995!

25% OFF All Housewares Items.
25% OFF All Domestics.

the Coop

For More Information Call **499-2000**
email: info@thecoop.com W³:<http://www.thecoop.com>

Tens of thousands of people will need blood during the holidays.

Still wondering what to give?

American Red Cross

Give blood again. Once more will be felt for a lifetime.

PHOTO BY JERRY VALENTE

This space donated by The Tech

Enter the world of WALL STREET, Corporate Law and the Financial Industry

SEO Internships

Sponsors for Educational Opportunity (SEO) offers motivated college men and women of color a dynamic introduction to the world's leading firms through summer internships in:

- ACCOUNTING
- CORPORATE LAW
- INVESTMENT BANKING
- ASSET MANAGEMENT
- MANAGEMENT CONSULTING

Please attend the INFORMATION SESSION on:

Thursday October 12, 1995
OFFICE OF CAREER SERVICES
4:00 PM

PARTICIPATING FIRMS:

A.T. Kearney • Bain & Company • Bankers Trust • Bear Stearns • The Blackstone Group • The Boston Consulting Group • Boust Allen & Hamilton • Chemical Securities • Cleary, Gottlieb, Stearns & Hamilton • Coopers & Lybrand • Crowell, Swain & Moore • CS First Boston • Davis Polk & Wardwell • Debevoise & Plimpton • Donaldson, Lufkin & Jenrette • Fish & Neave • Fried, Frank, Harris, Shriver & Jacobson • Goldman Sachs • Lehman Brothers • McKinsey & Company • Merrill Lynch • Milbank, Tweed, Hadley & McCloy • Moskowitz Company • J.P. Morgan • Morgan Stanley • PaineWebber • Paul, Weiss, Rifkind, Wharton & Garrison • KPMG Peat Marwick • Price Waterhouse • The Prudential • Prudential Securities • Salomon Brothers • Shearman & Sterling • Skadden, Arps, Slate, Meagher & Flom • Smith Barney • Sullivan & Cromwell • Wachtell, Lipton, Rosen & Katz • White & Case • Withrop, Stinson, Putnam & Roberts • James D. Wolfensohn

Career opportunities at J.P. Morgan

for M.I.T. students interested in

Equity Research Associate
Global Technology and Operations
Investment Banking
Sales, Trading, and Research

Please plan to attend our information presentation on
Monday, October 23
Room 4-163
6:00-8:00 pm
All majors welcome

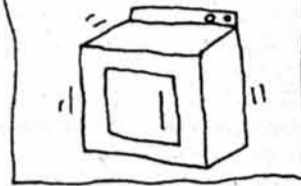
JPMorgan

Internet <http://www.jpmorgan.com>

J.P. Morgan is an equal opportunity employer

Jim's Journal

I washed a load of laundry today.



After taking the clothes out of the dryer, I brought them up to my apartment.



I was going to put them away, but Mr. Peterson jumped in the basket and got comfortable.



So I decided to put them away later.



by Jim

來利樓

Larry's Chinese Restaurant

302 Massachusetts Ave., Cambridge
Orders to go, or dining in

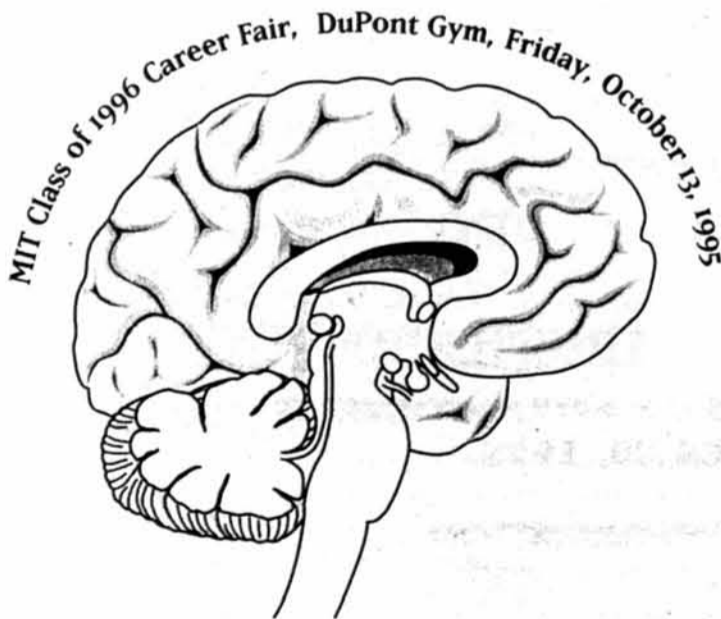
FREE DELIVERY TO THE M.I.T. CAMPUS — \$10 MINIMUM
Luncheon Specials served daily, 11:30 a.m. – 5:00 p.m., starting at \$3.75
Special Dinner Plate just \$4.95 all day long

15% off with this ad (valid through 10/31/95)
(for dine-in dinners only; \$10 minimum purchase)

Call 492-3179 or 492-3170

Monday – Thursday, 11:30 a.m. to 10:00 p.m.
Friday – Saturday, 11:30 a.m. to 11:00 p.m.
Closed Sunday

We're Looking for
Growth In This Area...



INFORMATION ENGINEERING

a division of Monitor Company

By stretching our minds around technical issues and business concerns, we develop sophisticated business strategy software for our Fortune 500 clients. Constantly learning and constantly growing, we wrap our brains around the most complex business problems in the world and have fun doing it. Stop by to learn more...and bring your brain with you.

25 First Street • Cambridge MA 02141 • hire_me@monitor.com

Tuesdays til 8

starting October 10,
regular appointments til 8pm Tuesdays in:

Internal Medicine	253-4481
Pediatrics	253-1505
Obstetrics/Gynecology	253-1315
Psychiatry	253-2916
Dermatology	253-4295

(if your own doctor or nurse practitioner isn't available, feel free to make an appointment with someone else)

also open Tuesdays til 8:

MIT Pharmacy	253-1324
Laboratory	253-4239
X-Ray Service	253-4905

mit medical

Senate May Cut \$10B In Loans to Students

Loans, from Page 1

is going to be less money in the loan programs, and that Direct Lending is at some risk," Hudson said.

The Department of Education estimates that elimination of the PLUS period could cost individual students anywhere from \$700 to \$2,500. The increased PLUS loan interest rates could cost up to \$5,000 over four years per student. The student loan tax would cost universities \$25 for every student every year.

To compensate for the losses, MIT would have to look for new sources of scholarship endowment, Hudson said. Right now, endowment for scholarships does not meet need, so unrestricted funds help subsidize aid programs. New options could include cooperating with other private universities.

"The Institute also is trying to reduce its overall administrative costs so that tuition increases can be moderated," Hudson said. MIT will continue to support need-blind admission.

Funds to go to loan agencies

The bill would also send \$1.76 billion in taxpayer funds from federal ownership to guaranty agencies that offer student loans.

"Many of us feel that banks and guaranty agencies are recipients of corporate welfare that makes the loan programs more expensive to students," Hudson said.

Guaranty agencies "function as middlemen between the banks, who loan funds to students, and the federal government, which bears the risk on the loans," said Sen. Edward M. Kennedy (D-Mass.), the ranking

minority member of the labor committee.

Over 30 years, \$1.8 billion has been built up from insurance premiums paid by students, payments received for default claims, and investment earnings on reserves, Kennedy said.

Massachusetts has \$33 million in reserves, according to Department of Education statistics.

"If this provision were enacted, the strong possibility exists that an agency could choose to use reserve funds for non-program purposes and be unable to pay lenders' claims," said Department of Education General Counsel Judith A. Wilson. Then, "the Department would have to use taxpayer funds to pay the lenders."

Senator Kennedy attacks cuts

Although the reserves existed to ensure that agencies could cover defaulted loans, "the bill turns over to the guaranty agencies - no strings attached - all but \$40 million of taxpayer funds," Kennedy said.

"The bill is bitter news for students and their families, who will see their student loan costs rise by as much as \$7,800 per family," Kennedy said. Over \$7 billion of the cuts "fall on students and working families."

The cuts are part of an effort to balance the budget. More specifically, the reductions must meet the Snowe-Simon Amendment's stipulation to cut at least \$4.4 billion over seven years.

Kennedy, along with the other Democratic members of the committee, have proposed an amendment which would reduce the cuts from \$10 billion to the minimum \$4.4 billion over seven years.



EXCELLENT PART-TIME POSITIONS FOR STUDENTS MAJORING IN

- ◆ COMPUTER SCIENCE
- ◆ MARKETING and CORPORATE COMMUNICATIONS
- ◆ ENGLISH

Product Development for Macintosh, Windows & Unix
using C, C++, and VB
Editing and Documentation Review
Product Beta Testing

High Tech Office, Flexible Hours, Excellent Pay,
1-block from Alewife T Station in Cambridge

Please send resume to Mollie Granberry at
Mystic River Software, Inc. 125 CambridgePark Drive
Cambridge, MA 02140, Fax 617.864.7747
e-mail mollie@mysticriver.com

**WOULD YOU LIKE TO BE ON THE BOARD OF IBM? HOW ABOUT GM?
MAYBE TIME WARNER-TURNER?**

OR

**WOULD YOU CONSIDER
THE COOP!**

YES, YOU COULD BE A MEMBER OF THE COOP'S BOARD OF DIRECTORS !

APPLICATIONS FOR NOMINATION TO BE ON THE BALLOT FOR THE
ACADEMIC YEAR 1996-97 ARE AVAILABLE AT THE CASHIER'S OFFICE OF ANY
COOP BRANCH, OR AT THE PRESIDENTS OFFICE AT THE HARVARD SQUARE STORE.

M.I.T. students may also apply through the Graduate Student Council, Room 50-220 or the
Nominations Committee of the Undergraduate Association, Room W20-401.

**FINAL DATE FOR RETURN OF APPLICATIONS IS
FRIDAY, OCTOBER 20, 1995.**

**FOR ADDITIONAL INFORMATION,
CONTACT ALIX ARNOLD, 499-2002,
agarnold@the coop.com,
OR SEE THE COOP'S HOME PAGE <http://www.thecoop.com>.**

**the
COOP**

SOPHOMORES...

Available for a short time only

It's the...

"Looking Back at
Freshman Year"
Survey

DON'T MISS YOUR
CHANCE TO GIVE MIT
A PIECE OF YOUR MIND

Undergraduate Academic Affairs X3-8604 • survey@mit.edu

Jim's Journal

by Jim

Today I went to
a craft & hobby
shop with Ruth.



(She had to buy
some felt.)



She picked out
the felt she
wanted and went
up to the cashier.



I waited in line
with her and
looked at the
ceramic lawn
gnomes.



Fall 1995 Lecture Series "The State of the Union"

Sponsored by
the Department of
Urban Studies and
Planning and the
School of Architecture
and Planning
Massachusetts Institute
of Technology

Thursday
October 12, 1995
5:30 to 7:00 pm
Room 54-100

Nicholas Lemann
National correspondent
for the *Atlantic Monthly*
Magazine and author of
The Promised Land

The U.S. Electorate
and U.S. Politics

and
Tom Edsall
Political reporter for the
Washington Post and
author of *Chain Reaction*
(with Mary Edsall)

Thursday
October 26, 1995
5:30 to 7:00 pm
Room 4-163

Robert Hartman
Associate Director
Special Studies Division
Congressional Budget
Office

Implications of the
New Federal Budget

Thursday
November 9, 1995
5:30 to 7:00 pm
Room E25-111

Lawrence Bobo
Professor of Sociology
University of California,
Los Angeles

Discrimination in a
Multi-Ethnic Labor
Market: the Los Angeles
Story

Commentary by
Professor Emeritus
of Education
Nathan Glazer
Harvard University

For more information
contact:

Laura Wilcox
Massachusetts Institute
of Technology
Department of Urban
Studies and Planning
Room 9-519
Cambridge, MA 02139

Telephone 617-253-7736
E-mail lauraw@mit.edu



GMAT•GRE•LSAT•MCAT

THE
PRINCETON REVIEW
is administering
FREE TESTS

Take a sample test and find out where you stand without having an official score on your record.
LSAT: Sat., Oct. 14 9:00am - 1:30pm Belfer Bldg, Starr Aud.
MCAT: Sat., Oct. 14 9:00am - 5:00pm Taubman Bldg, Rm 275
GRE: Sat., Oct. 14 10:00am - 2:30pm Belfer Bldg, Graham Aud.
GMAT: Sat., Oct. 14 11:00am - 3:30pm Taubman Bldg, Rm 240
 **The Taubman and Belfer Buildings are located at Harvard University, the Kennedy School, 79 JFK Street.

**FREE Tests also available at Boston Univ., October 14th, call for more info!
Call today to reserve a spot for one of our FREE tests.

THE
PRINCETON
REVIEW

(617)
558-2828

GMAT•GRE•LSAT•MCAT

Stolen Property Value Rises by 200 Percent

Thefts, from Page 1

trace. The postage stamp-sized chips sell for \$150 to \$200 each through legitimate channels but fetch \$50 to \$75 apiece when the stolen items are first sold on the black market, according to security specialist Kenneth Moinz.

Especially popular are Apple Macintosh chips. Some Macintosh computers like the PowerMac 7100 models have become easy targets because their covers are designed to slip off in seconds for easy repair and upgrades. "Press two buttons and the entire top comes off," Moinz says. "Someone can clear that memory out in a heartbeat."

Within hours of being stolen, the chips are often sold to "gray market" dealers who specialize in computer repairs and upgrades. Many thieves find buyers via want ads in computer magazines.

Preventing theft

The Campus Police Special Services Division has been investigating chip thefts with little success. "The investigation is ongoing and very active. We do have some leads," Glavin said. She said that the thefts vary substantially and that it is difficult to establish a profile of suspects.

"This type of crime appears to be a growing problem on campus," Glavin said. "In general, many of these crimes can be prevented by keeping offices, laboratories, and dorm rooms locked when unattended."

Many computer users are securing their computers to desks with steel cables, padlocks, or metal plates glued underneath the computers. But these devices, while securing the machine itself, still allow thieves to unscrew the case and remove the memory chips inside, said Jerry Isaacson, a consultant at MIT's Information Systems Security Office.

Cage-like enclosure devices which wrap around the computer's shell, blocking access to the chips, can keep memory chips safe, Isaacson said. These devices are manufactured by Anchor Pad and Compu-Guard and sell for around \$200 through the MIT Computer Connection.

BU Student Still in Coma After Accident Outside Kappa Sig Party

By Carina Fung

A Boston University sophomore remains hospitalized at Massachusetts General Hospital four weeks after being struck and thrown 107 feet by a speeding car as she left a Kappa Sigma party.

Winse Chan, 19, was hit at 1:50 a.m. on Saturday, Sept. 9 as she crossed Memorial Drive. She was struck at the 360 block of Memorial Drive, near Theta Delta Chi. Kurnia Hermawan, another BU student, was the driver of the car.

Chan is in the intensive care unit and is presently listed in fair condition. Chan is technically in a coma, although she goes in and out of the coma frequently, said Lisa A. Higbee, one of Chan's roommate's.

Chan did not drink at party

Chan's roommates and parents have been visiting her frequently and have spoken to her, Higbee said. Chan should be moved to a general floor very soon, Higbee said.

Chan definitely did not drink alcohol at the Kappa Sigma party, Higbee said. She said that Chan may have taken a sip or two but

that she definitely was not intoxicated. If Chan had had a lot to drink, she probably would have been sick.

Higbee said that Hermawan was not drunk that night. According to the Massachusetts State Police, Hermawan was not under the influence on the night of the accident.

Chan's parents have not pressed charges against Hermawan because they are currently "just interested in Winse getting better," Higbee said. "They don't have the energy" to press charges right now, she said. Chan's father has returned home to Ohio, but her mother is still in Boston.

On the night of the accident, two of Chan's four roommates were with her at the party. Her other two roommates did not learn of the accident until half an hour after it occurred.

Investigation unlikely

Jennifer Booth, news editor of the BU Daily Free Press, said that unless Chan's medical report states that her blood-alcohol level was above normal on the night of the party, no investigation of any sort would occur.

Neal H. Dorow, assistant dean and adviser to fraternities, sororities, and independent living groups, said that he has "heard literally zero from any source" about the accident.

Dorow also said that he does not "anticipate any formal action to be taken" against Kappa Sigma unless it is established that "the student was furnished with alcohol by the fraternity." Chan is under the legal drinking age.

In general, there is an increased concern over students' alcohol consumption, Dorow said.

Driver charged with negligence

Hermawan was charged with speeding and driving to endanger, according to state police.

Hermawan's case will be heard in the Cambridge District Court, though the date of the hearing has not been set, said Capt. Robert Bird of the Massachusetts State Police.

Bird also said that police did not have evidence that Chan had consumed any alcohol before the accident.

Hermawan refused to comment. The president of Kappa Sigma could not be reached.

free DELIVERY TO MIT Until 2am Daily 497-4849
Let us cook for you!

TOMMY'S HOUSE OF PIZZA
offers free delivery service!

Large Cheese Pizza \$8.95
Extra Toppings \$1 each

Try our Gourmet Pizza Edges:
Sesame Seeds • Poppy Seeds
Pretzel Salt • Minced Onion
Minced Garlic

We are conveniently located about 1350 smoots away from MIT.
Call us for late night delivery of all your favorite party foods.

Also Available:
Pasta dishes • Subs/Grinders
Salads • French Fries • Burgers
Onion Rings • Calzones • Sodas

497-4849 49 Mount Auburn St., Camb. 497-4849

VISIT THE MIT SUKKAH




OCTOBER 8 to 16 KRESGE OVAL

Open for meals & visits
Lulov & etrog available

Open for the MIT Community

Sponsored by MIT Hillel 253-2982

ACTUARIAL EXECUTIVE DEVELOPMENT PROGRAM



SENIORS & JUNIORS. As one of the largest and most diversified insurance and financial services companies in the world, The Prudential knows what it takes to get to the top of the corporate ladder. It takes ambition. Enthusiasm. Knowledge. Vision. And experience.

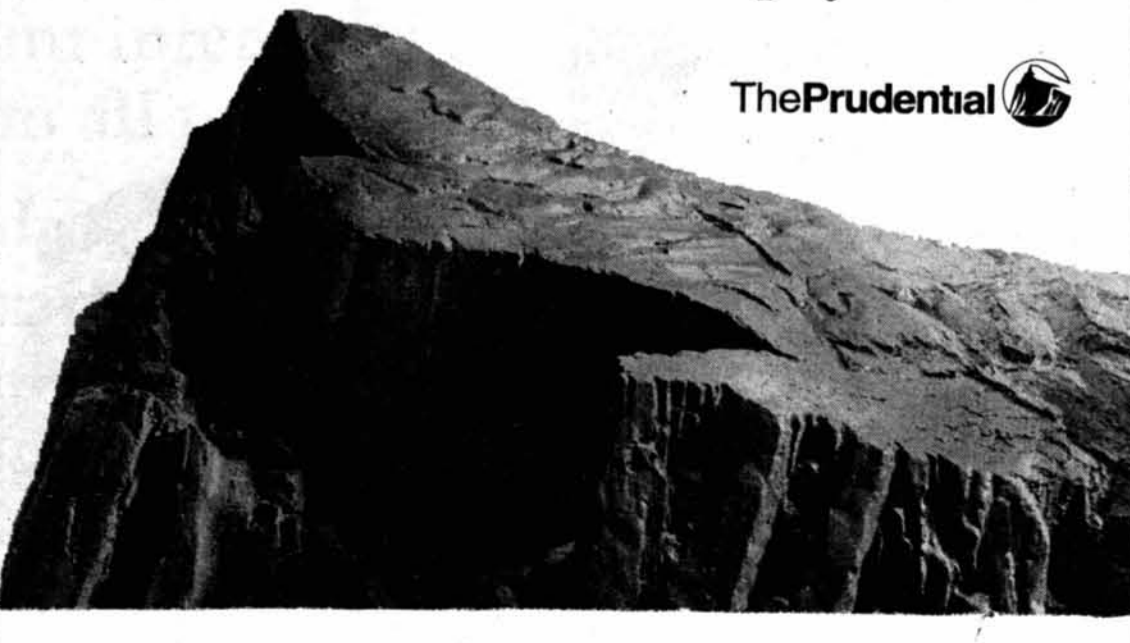
It also takes an opportunity like our newly expanded Actuarial Executive Development Program (AEDP) to make the most of your abilities. Participation in AEDP will provide you with the rare chance to use your leadership skills, as well as your creativity and ingenuity. It is a program that can lead to some of the most influential and responsible positions within The Prudential.

Now, AEDP offers you the choice of either a Life or Property & Casualty track. Each educational track, although distinct in its actuarial focus, offers the same exciting opportunities and advantages. You will acquire a broad view of The Prudential through a variety of assignments and be provided with the study time and support necessary to prepare for actuarial exams. And, you will be encouraged to exhibit the drive and determination it takes to be the best.

Individuals with strong math, analytical and communications skills should attend our Information Session to discover the fastest track to the top. We're also interested in talking with individuals who are considering an actuarial summer internship program. The Prudential is an equal opportunity employer.

Wednesday, October 11 at 6:00 p.m.
Room 4-149

From The Top of Your Class to The Top of The Rock.



The Prudential

TECHNICAL CAREER Opportunities

Where will you work at the Swiss Bank Corporation?

AT YOUR PEAK. At Swiss Bank Corporation, you'll rise to the challenge and accept responsibility as quickly as your talents and efforts will allow.

With assets of \$132 billion, an impressive client base and the recent acquisition of one of the world's premier investment banking institutions, S.G. Warburg, we are leveraging our strength to become the global investment banking leader of the next century. And technology is central to our competitive advantage in the global marketplace.

SBC technologies produce state-of-the-art software solutions that allow investment bankers, traders, portfolio managers and marketing teams to analyze vast amounts of real-time information. This technology is also used in developing customer-driven financial engineering solutions, complex mathematical models and leading edge sales and trading applications. Using new and emerging technology, our Applications Developers create and refine models that help traders and marketing teams analyze global financial markets.

We believe that the strategic application of technology is essential to our success and are seeking individuals who will help us continue our technological leadership in the financial industry. If you are energetic, confident and eager for responsibility, have the superior communication skills to work successfully with clients throughout the organization as well as members of your team, we invite you to attend our Campus Presentation:

Please note the advertisement that appeared in the October 3rd edition of the Tech ran with an incorrect date. Please see below for the correct information.

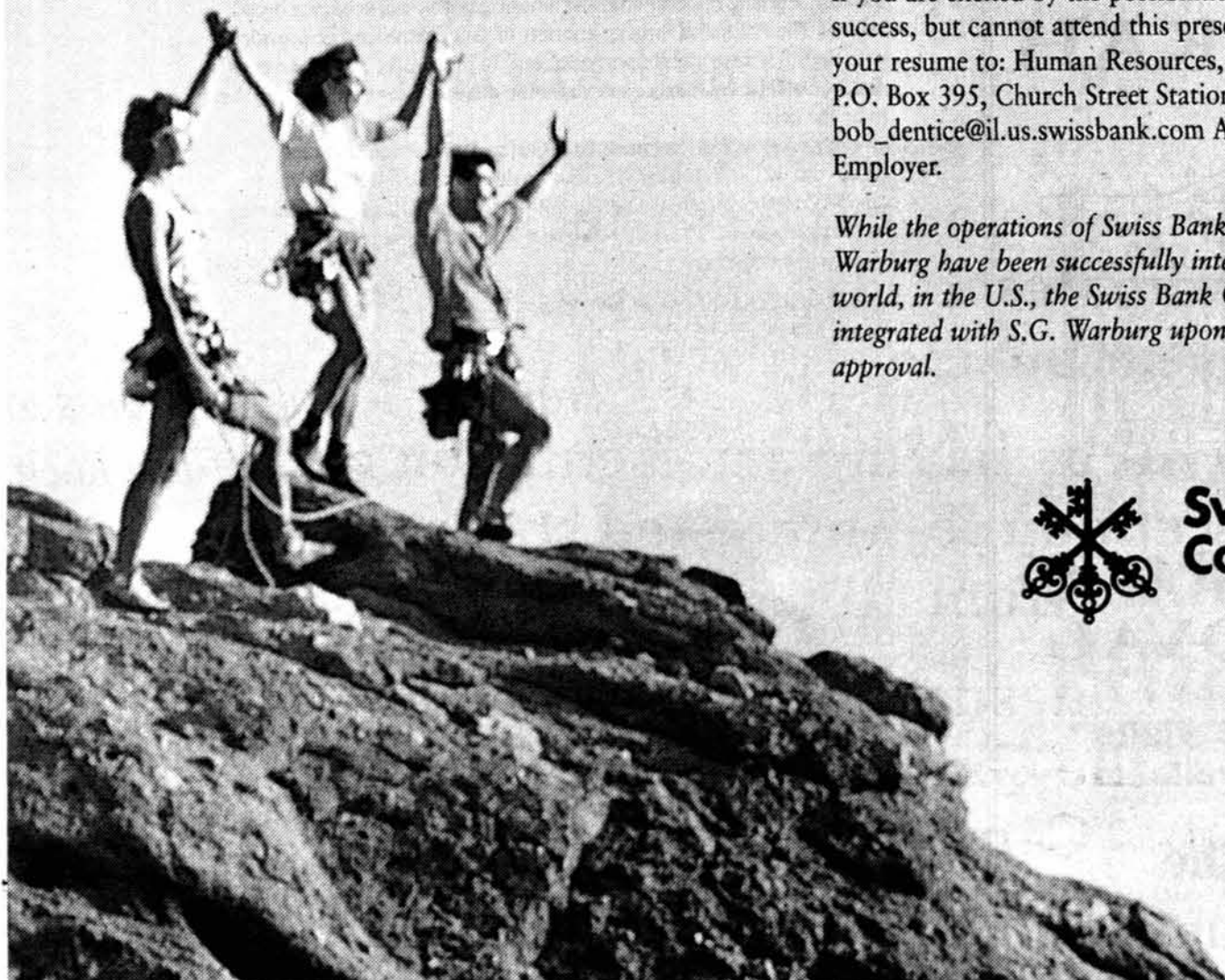
Thursday, October 12th ■ 7PM-9PM
Building 4 - Room 159

If you are excited by the possibilities of reaching new heights of success, but cannot attend this presentation, please forward your resume to: Human Resources, Swiss Bank Corporation, P.O. Box 395, Church Street Station, NY, NY 10008. E-mail: bob_dentice@il.us.swissbank.com An Equal Opportunity Employer.

While the operations of Swiss Bank Corporation and S.G. Warburg have been successfully integrated in most parts of the world, in the U.S., the Swiss Bank Corporation will be fully integrated with S.G. Warburg upon Federal Reserve Board approval.



**Swiss Bank
Corporation**

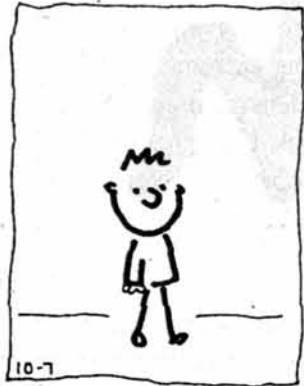


Today I was walking around and saw a penny.



Jim's Journal

I just walked past it without picking it up.



Afterwards I was thinking it was weird to just pass up free money, even if it's just a penny.



by Jim

ATTENTION

NATIONAL SCIENCE FOUNDATION (NSF)
SITE VISIT
FRIDAY, OCTOBER 6, 1995

by
RICHARD P. METCALF
ASSOCIATE PROGRAM DIRECTOR
NSF GRADUATE FELLOWSHIPS

All meetings will be held in room 3-133 (classroom across from the Dean of the Graduate School Office, room 3-138). The schedule of meetings is as follows.

- | | |
|--------------------|---|
| 1:45 pm - 2:30 pm: | Meeting for seniors and first-year graduate students interested in applying for an NSF Fellowship for 1996-97. All applicants must be US citizens or nationals, or permanent resident aliens of the US. |
| 2:30 pm - 3:00 pm: | Meeting intended for NSF Fellows who have questions regarding any aspect of the administration of their fellowship. |
| 3:00 pm - 3:30 pm: | Meeting open to administrators and faculty interested in NSF's administration of the Graduate Fellowship Program. |

Jacqueline A. Sciacca
MIT/NSF Graduate Fellowship Coordinator
Dean of the Graduate School Office, room 3-138

McKinsey & Company, Inc.

McKinsey & Company, Inc.,
a leading international management
consulting firm, cordially invites all
1996 bachelor's and master's degree
candidates to learn more about our
2-year business analyst program.

We will be having a presentation and
reception for interested students
from all majors on

Wednesday, October 18, 1995
at the Grand Ballroom of the
Cambridge Marriott
from 7 p.m. to 9 p.m.

We look forward to seeing you there.

Join

The Tech

*So that you can read all
the installments of*

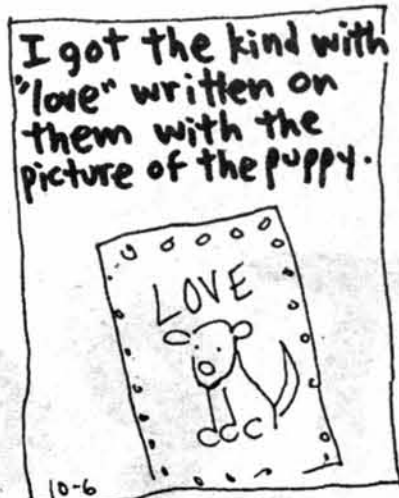
Jim's Journal

*that don't make it into the
regular issues*



253-1541

Jim's Journal



Recommendations:
 Eat high-fiber foods, such as fruits, vegetables, and whole grain products. Eat fewer high-fat foods. Maintain normal body weight. And live long and prosper.

CALL THE AMERICAN CANCER SOCIETY AT 1-800-ACS-2345 FOR FREE NUTRITION INFORMATION.



STAR TREK & © 1989 PARAMOUNT PICTURES CORPORATION ALL RIGHTS RESERVED. THE AMERICAN CANCER SOCIETY AUTHORIZED USER.

Goldman, Sachs & Co.

invites MIT undergraduates to explore the many opportunities for professional growth within the firm.

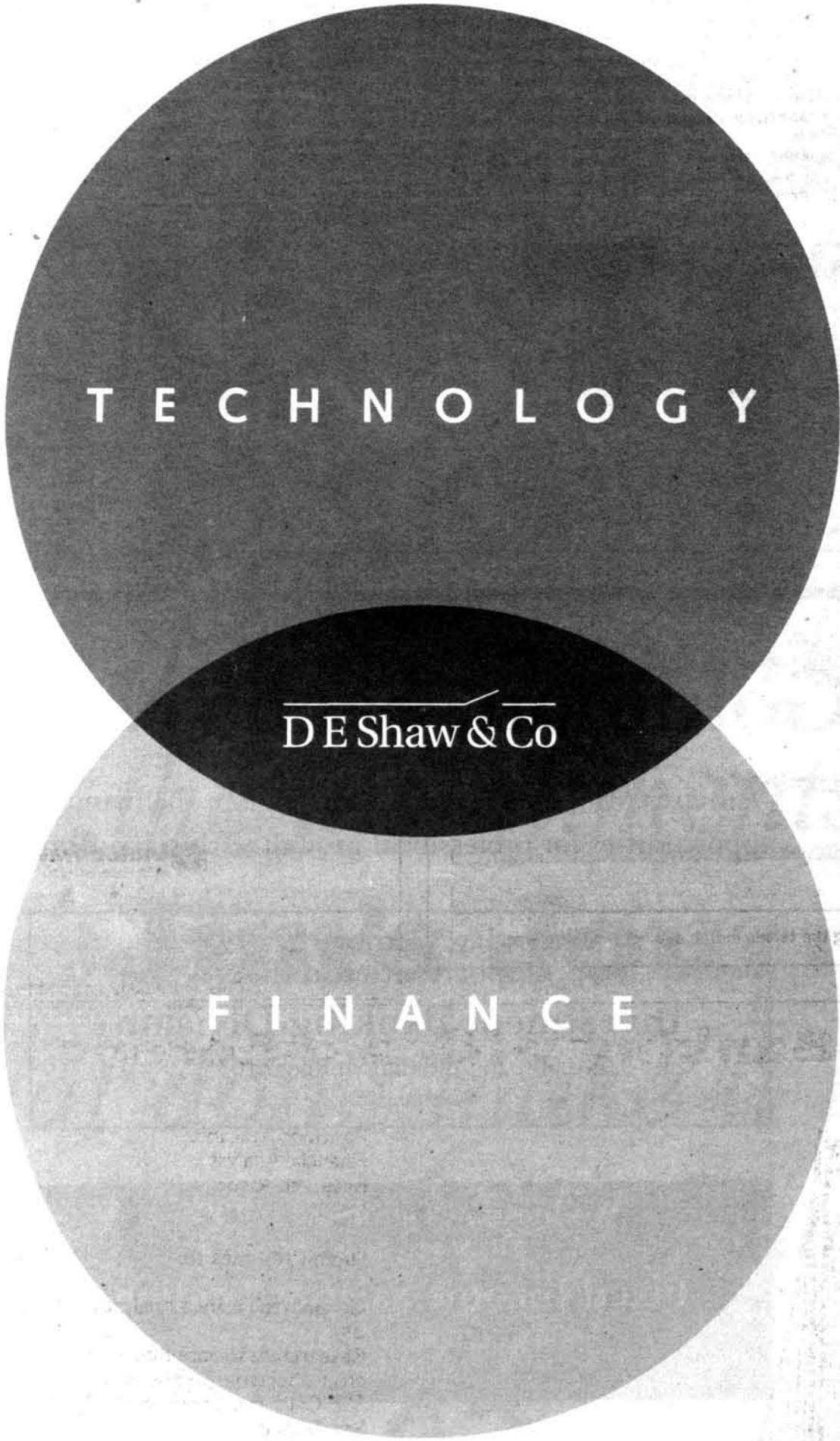
Thursday, October 5, 1995
 Opportunities in the
Investment Banking Division
 8:00 p.m., Building 4, Room 163
 Casual dress.

Wednesday, October 11, 1995
 Opportunities in
Fixed Income Sales & Trading
 6:00 p.m., Building 4, Room 231
 Casual dress.

Tuesday, November 14, 1995
 Opportunities in the
Information Technology Department
 7:00 p.m., Building 4, Room 149
 Casual dress.
 (Internship opportunities are also available.)

Goldman Sachs, an equal opportunity employer, does not discriminate in employment on any basis that is prohibited by federal, state or local law.





*"D. E. Shaw & Co.
is in the vanguard
of computerized trading."*

— The Wall Street Journal

D. E. Shaw & Co. is a small (around 230 employees), highly capitalized (over a half billion dollars in partners' equity), very successful Wall Street firm specializing in various aspects of the intersection between technology and finance. We are now seeking world-class talent in a variety of fields, and are prepared to compensate exceptionally gifted individuals at a level exceeding that of the market.

We will be interviewing on campus on October 25th.

Please send your résumé to Career Services by Monday, October 9th or send it with your GPA and SAT scores to:

D. E. Shaw & Co.
39th Floor, Tower 45
120 West Forty-Fifth Street
New York, NY 10036
Attn: Strategic Growth
e-mail: recruit@deshaw.com

**Suit and Tie
not Required**

Women's Tennis Captures Third Win in Babson Match

By Carol Matsuzaki
TEAM MEMBER

The MIT women's varsity tennis team traveled to Babson last Thursday and captured their third win in the NEW8 league. The Engineers emerged victorious 7-2 in a match that tested their mental toughness.

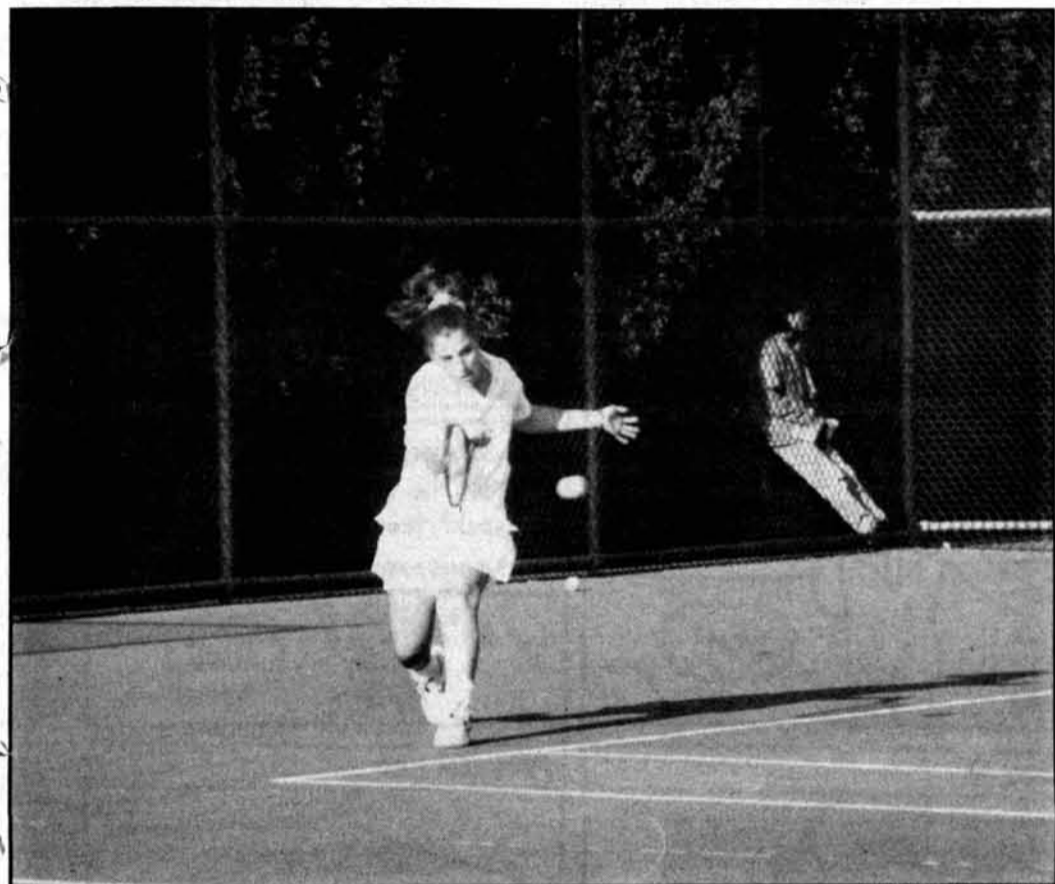
In doubles play, the MIT women swept to a 3-0 lead, but not without some tense moments. The second doubles team of Lily J. Koo '97 and Angela M. Mislowsky '99 had the most convincing win with a score of 8-4.

The third doubles team of Bharati Kommineni '97 and Sarah V. Kringer '97 almost lost their lead but held on tight to come out on top 9-7.

The first doubles team of Carol Matsuzaki '96 and Nora A. Humphrey '98 fell into a 3-7 deficit. The team regrouped, and won their match 9-7. In

singles play, first singles player Matsuzaki won a quick 6-1, 6-1. Fourth singles player Humphrey was the second player off the court as she lost 6-3, 6-3 to a tough opponent. Kommineni also ran into a hot opponent and lost 6-3, 6-4 at the sixth singles position. At this point, the score was 4-2, with MIT in need of one more match to clinch the team win.

Koo brought home the winning point at the third singles position, as she played a stellar singles match en route to a 7-6(3), 6-3 victory. Mislowsky, at the second singles position, ran into a little trouble in the first set, losing it 6-4, but never looked back as she won the next two sets 6-1 and 6-3. Kringer, in an amazing marathon match at the fifth singles position, won 6-4, 2-6, 7-6(2). Seventh singles player Colette A. Reiner '99 came back to win 4-6, 6-2, 6-2, continuing her unbeaten streak.



Angela Mislowski '99 lost in the second set during the tennis match against Smith College.

JIRI SCHINDLER - THE TECH

Harriers Continue Undefeated Season

By Daniel S. Helgesen and Michael A. Parkins
TEAM MEMBERS

In a sensational show of pace and pack running, the MIT cross country squad flew past the competition in their quad meet versus Tufts, Bentley, and Bates, improving their record to 6-0 for the season. The team is now ranked 5th in the nation.

The Engineers swept — put their top five runners in front of the other team's first runner — both Bentley and Bates. Ethan A. Crain '96 once again led the team and field, winning the five mile race with a time of 25:48. Arnold H. Seto '96 followed closely in 25:59 for a third place finish. The fury of the Engineers was then brought to bear as Mike Parkins '99 (26:07), Daniel S. Helgesen '97 (26:12), Joshua D.

Feldman '97 (26:14), and James W. Berry '99 (26:15) captured fifth through eighth place. Leif Seed '99 rounded out the top seven with a 12th place finish.

The junior varsity squad pounded past their competition as well and proved MIT's depth and dominance. This JV team was composed of Richard C. Rosalez '98, Omar A. Saleh '97, Sohail N. Husain '98, Matthew B. Debski '99, and Christopher H. Schell '96.

The real test for the team comes this weekend when the squad travels to the Lemoyne Invitational in Syracuse, NY. The Engineers will face the defending national champions, Williams College, which is also undefeated entering this meet. MIT finished third place at last year's meet, which this year will include RIT and a few Division I schools.



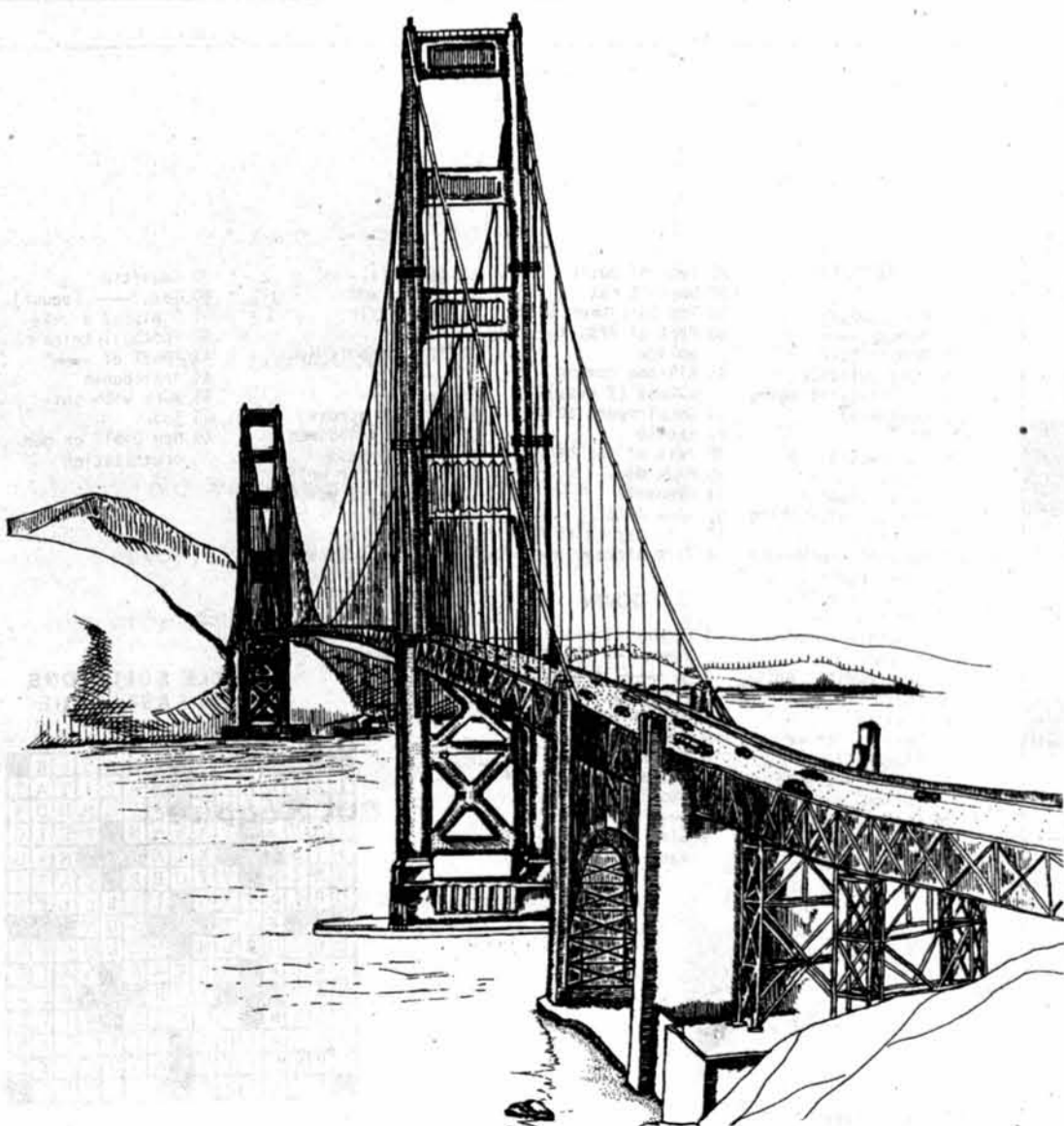
Times are tough. But for some they're tougher than others.

Last year, your contributions helped 37,000 recovering alcohol and drug abusers. This year, your help will be needed more than ever.



This space donated by The Tech

Investment Banking with a different view.



Positions Available:
Financial Analyst
Research Associate

Submit resumés to:

Corporate Finance Analyst Recruiting
or
Research Associate Recruiting
c/o Robertson, Stephens & Company
555 California Street, Suite 2600
San Francisco, California 94104
(415) 693-3580

Presentation Date: October 11, 1995
5 - 7 p.m., Room 4-153

Interview Date: January 22, 1996

**ROBERTSON
STEPHENS &
COMPANY**

CLASSIFIEDS

- Events
- Help Wanted
- Positions Wanted
- For Sale

- Housing
- Services Offered
- Lost & Found
- Greeks

- Travel
- Information
- Clubs
- Miscellaneous

Advertising Policies
 Classified ads are due at 5 p.m. two days before day of publication, and must be prepaid and accompanied by a complete address and phone number. Send or bring ads, with payment, to W20-483 (84 Mass. Ave., Room 483, Cambridge, MA 02139). Account numbers for MIT departments accepted. Sorry, no "personal" ads. Contact our office for more details at 258-8324 (fax: 258-8226) or ads@the-tech.mit.edu.

Rates per insertion per unit of 35 words
 MIT community:
 1 insertion.....\$3.00
 2-3 insertions.....\$2.75
 4-5 insertions.....\$2.50
 6-9 insertions.....\$2.25
 10 or more insertions.....\$2.10
 All other advertisers.....\$5.00

■ **Help Wanted**

Earn \$500 or more weekly stuffing envelopes at home. Send long SASE to: Country Living Shoppers, Dept. W29, P. O. Box 1779, Denham Springs, LA 70727.

Systems Administrator for Internet access provider. Experienced in UNIX, HTML and CGI-BIN. Salary based on experience. Sen resumes to P.O. Box 191, Johnson City, NY 13790.

Earn up to \$120/wk donating your sperm. Must be a healthy male between 19-34 and 5'9" or taller. Call California Cyrobank, Inc. at 497-8646 to see if you qualify!

Part time telemarketer wanted. Rates negotiable! Please contact Fred Astaire Dance Studio 361 Newbury Street, Boston. Tel: 247-2435.

■ **Help Wanted**

French Tutor: Harvard Square couple seeks native French person to tutor our 2 children 2 evenings a week. Call Judy 547-6545.

\$1750 weekly possible mailing our circulars. No experience required. Begin now. For info call 301-306-1207.

■ **Travel**

Spring Break! Travel Free with SunSplash Tours, "The Reliable Spring Break Company". We Pay the Highest commissions, at the lowest prices. Campus Reps wanted to sell Jamaica, Cancun, Bahamas, Daytona, Panama City and Padre. 1-800-426-7710.

■ **For Sale**

PC and Laptop Memory at Wholesale Prices... with a lifetime guarantee! We will also, BUY your USED memory for CASH or TRADE working or not. THE MEMORY EXCHANGE 800-501-2770

■ **Clubs**

Stuyvesant High School Alumni-MIT has a Stuy alumni chapter for YOU! Get involved and keep those Stuy bonds strong! Get to know more upperclassmen who are in your major! For more information, contact Angela at 225-8547.

■ **Services Offered**

Professional Editorial Services By award-winning editor/best-selling author. Business, environmental, political, PROPOSAL, and scientific editing. Especially valuable for non-native writers of English. Excellent references. Competitive rates. T.M. Hawley- Telephone & fax: 617-325-5113.

Attention inventors! Intellectual property attorney Charles Katz provides patent and related legal services at reasonable cost. Call (617) 864-8055 or e-mail cbklaw@ix.netcom.com.

■ **Miscellaneous**

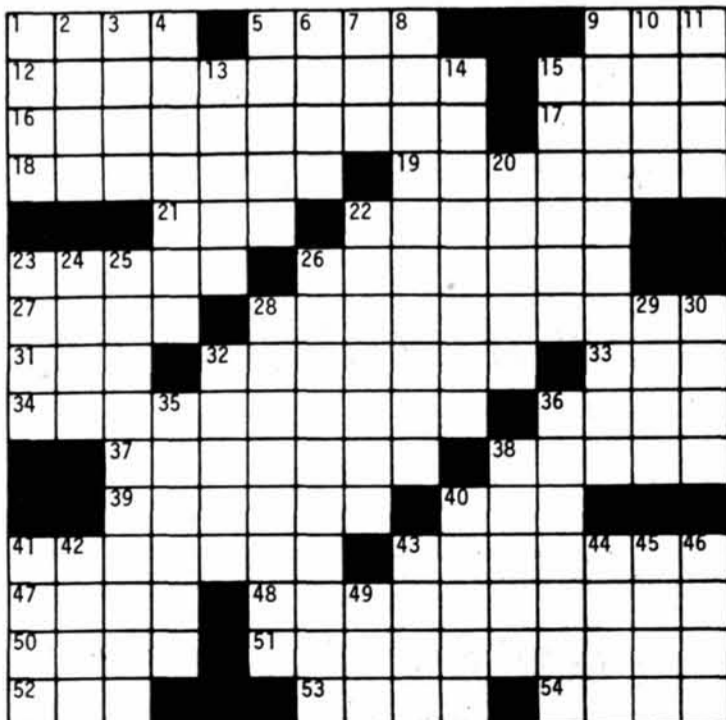
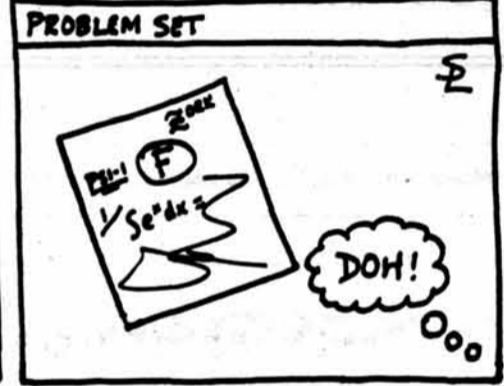
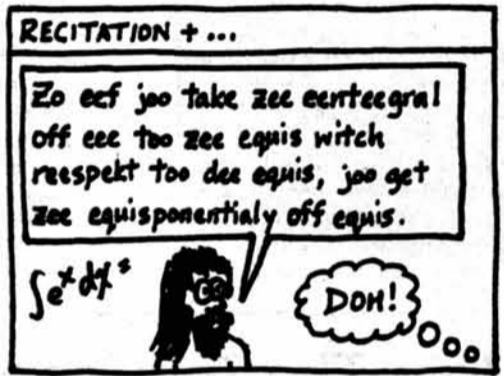
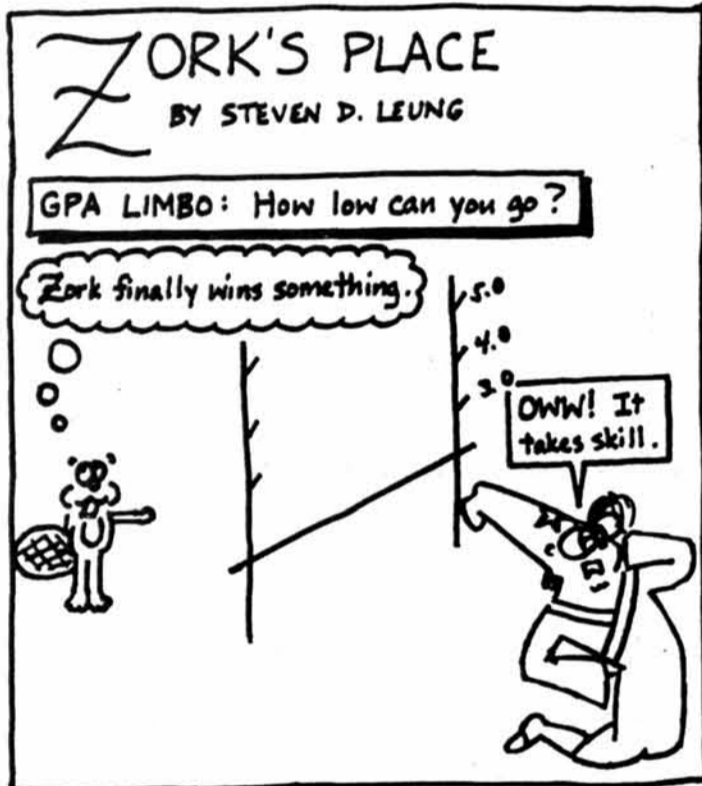
Time Management Workshop: Come learn the ins and outs of effective time management. Never again pull an all-nighter! Mark your calendars for Tuesday, October 10 from 4-5pm in room 8-105.

■ **Miscellaneous**

Fame and Fortune! USA TODAY is sponsoring an award (\$2,500) program to recognize outstanding undergraduates who excel not only in scholarship but in leadership roles on and off campus.

Retire before you're 30 Entrepreneur/lawyer/businessman seeking partner(s) for high tech startup and eventual IPO. If you think you have a profitable and feasible high tech idea or invention, let's talk. (202) 217-2260.

AIDS & Sexually Transmitted Diseases testing and treatment. Totally confidential, private M.D. office. Dr. Robert Taylor 1755 Beacon St. Brookline. Call 232-1459 for appt.



© Edward Julius Collegiate CW8702

- ACROSS**
- 1 Movie mogul
 - 5 Heroic tale
 - 9 Song syllable
 - 12 The state of being undamaged
 - 15 Pal
 - 16 Its capital is Dacca
 - 17 Nobel chemist
 - 18 The art of putting on plays
 - 19 Pearson and Maddox
 - 21 Vegas
 - 22 Drink to excess
 - 23 Horatio
 - 26 "Sistine Madonna" painter
 - 27 Screenwriter Anita
 - 28 Chain style
 - 31 Decline
 - 32 Devices for refining flour
 - 33 Teachers organization
 - 34 Shore protectors (2 wds.)
 - 36 Machine part
 - 37 Type of music
 - 38 Doesn't eat
 - 39 The Sunflower State
 - 40 Part of APB, to police
 - 41 All-too common excuse (2 wds.)
 - 43 Short opera solo
 - 47 Grotto
 - 48 Part of the hand
 - 50 Made do
 - 51 Prevents
 - 52 Alte
 - 53 U.S. caricaturist
 - 54 Farm storage place
 - 10 Regretful one
 - 11 Irving and Vanderbilt
 - 13 Acquit
 - 14 "The Lord is My ..."
 - 15 Veal
 - 20 Extends across
 - 22 Turkic tribesmen
 - 23 Mr. Guinness
 - 24 Spanish for wolf
 - 25 Retrace (3 wds.)
 - 26 Disproof
 - 28 Ends, as a broadcast (2 wds.)
 - 29 Like Felix Unger
 - 30 Corn quantity
 - 32 Hurt or cheated
 - 35 Glided
 - 36 Lead minerals
 - 38 Coquette
 - 40 Take (pause)
 - 41 Finished a cake
 - 42 Football trick
 - 43 "Rock of ..."
 - 44 Anklebones
 - 45 Work with soil
 - 46 Too
 - 49 New Deal- or gun organization
- DOWN**
- 1 Conservatives' foes, for short
 - 2 Go length (ramble)
 - 3 Famous volcano
 - 4 Moves jerkily
 - 5 Hollywood populace
 - 6 Golfer North or Bean
 - 7 "Golly"
 - 8 as an eel
 - 9 Size of some want-ads (2 wds.)

PUZZLE SOLUTIONS FROM LAST ISSUE



Cowboys Suffer First Defeat; QB Aikman Sustains Leg Injury

By Bo Light
ASSOCIATE SPORTS EDITOR

If you watched television, listened to the radio, or read a newspaper at all this week, you know that O.J. Simpson was found not guilty of the murders of Nicole Brown Simpson and Ronald Goldman. Los Angeles citizens outside the courthouse cheered as the verdict was read, and agreed to postpone their scheduled riot until next week in celebration. Simpson, or "Satan," as he is known to the Goldman family, is reportedly debating whether to return to making "Naked Gun" sequels, or to simply leave the country.

Guilty or not, did anyone actually think he would be convicted? Take two doses of reality and call me in the morning. The acquittal, of course, means that coverage of the trial will only last another month, instead of the three years of appeals, suicide watches, and retrials had Simpson been found guilty. See, something good came out of the trial after all.

Gridiron Report

Good news for Penn State fans: You won't have to complain about how your team was cheated out of the national championship this year. Unfortunately, that's because they took themselves out of the race with a 17-9 loss to Wisconsin. Penn State's normally high-powered offense couldn't have scored with a drunken cheerleader last weekend, and some questionable coaching decisions from coach Joe Paterno

sealed the Nittany Lions' fate. A little advice, Joe: if you're 4th-and-short against Ohio State tomorrow, take the field goal.

The Dallas Cowboys might be an all-star team, but last week we saw what happens when one of the stars leaves the field. Troy Aikman took himself out of the game with a strained calf muscle, and Washington took advantage of backup QB Wade Wilson to hand the 'boys their first loss of the season.

The Dallas loss came on the heels of San Francisco's embarrassing Monday night loss to Detroit. Maybe these two teams aren't unbeatable after all.

During the Patriot's first exhibition game, which happened to be against the Lions, commentator Jerry Glanville picked New England and Detroit as his Super Bowl teams. Both teams are now 1-4. Nice call, Jerry.

The Batter's Box

Oh, somewhere in this favored land the sun is shining bright,

The band is playing somewhere, and somewhere hearts are light,

And somewhere men are laughing, and somewhere children shout,

But there is no joy in Boston — Mo and José have struck out.

That's not a typo in your sports sections, folks — Boston's erstwhile slugging duo went a combined 0-for-20 against Cleveland pitching in the first two games of the division series. While it didn't help that Rick Aguilera couldn't

hold a lead in the bottom of the 11th inning, the lack of production from Vaughn and Canseco is a major reason the Sox are getting ready to break out the golf clubs and head south for the winter. And it gets worse, Sox fans — it looks like the Yankees, who finished about, oh, fifteen games out of first, will still be playing when the AL East Champs have gone home. Such is life in the new playoff system.

I predict that Cleveland, New York, Atlanta, and Cincinnati will win their first round series. Gee, that was tough. I'll hold off on predicting the later rounds, just in case Colorado comes back to win the series or a meteor blows up the Earth, or something.

Trivia Question

Don't give up hope yet, Sox fans (or Rockies fans, etc.), comebacks from a 2-0 deficit have occurred. Who was the last team to pull off this feat? Send your answers and comments to esports@the-tech. Winners receive playoff tickets! Tickets to what, we haven't yet decided.

Answer to last week's question: Michigan received the most votes, with a billion and one (some people voted more than once), but close behind was the correct answer, Ohio State. The Buckeyes won the national championship in 1968. Correct answers were sent in by Howard Cheng '96, Brian Greenblatt '96, Edward Lee '99, James Shin G, and Burt Wendt '99

The Best Stereo & Home Theater Sale Since 1492.

500 Years Is A Long Time. So We're Celebrating Columbus Day With Over 30 Magnificent Sale Items. Don't Miss Out. You Wouldn't Want To Wait Another Half Century.

Save On Home Theater Sound System **\$549⁹⁹**
Just add your TV & stereo VCR for home theater!
Ensemble IV Home Theater 5-satellite speaker system includes subwoofer for powerful bass. Sony Pro Logic receiver creates surround sound from rented movies. Reg. \$629.98 **\$16 Per Month***



We make great sounding, critically acclaimed speakers. We match them with the latest from Sony, RCA and Pioneer to create unique stereo and home theater systems—at factory-direct prices. *Audio* magazine says we may have "the best value in the world." At our Columbus Day Sale you'll save on stereo and home theater components and systems you just can't get anywhere else.

CAMBRIDGE® SOUNDWORKS

You Just Can't Get It Anywhere Else.

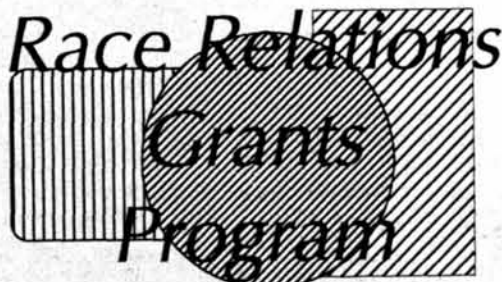
- | | | | | | | |
|---|---|---|---|--|--|---|
| NEWTON
UPPER FALLS
617-332-5936
311 Needham St. | HARVARD SQUARE
617-576-6775
30 JFK St.
NEW STORE! | CAMBRIDGE
617-225-3900
CambridgeSide
Galleria | HYANNIS
508-771-7109
Cape Cod Mall | SABRUS
617-231-8564
Square One Mall
NEW STORE! | SALEM, NH
603-890-5500
Mall at Rockingham Pk.
NEW STORE! | NASHUA, NH
603-888-6666
8 Spit Brook Road |
| NEWTON
617-630-1696
154 California St. | WORCESTER
508-791-0040
Worcester Common
Fashion Outlets | HANOVER
617-829-8818
Hanover
Shopping Ctr. | DANVERS
508-777-9105
Rte 114 | FRAMINGHAM
508-828-3200
Shopper's World
NEW STORE! | BURLINGTON
617-270-9040
Burlington Square | MANCHESTER, NH
603-623-4434
Mall of N.H.
NEW STORE! |

STORE HOURS: 10AM-8PM MON-SAT. NOON-5PM SUN.

Join *The Tech* sports department!

The Committee on Campus Race Relations

announces the next round of the



Proposals are now being accepted for projects aimed at enhancing racial and cultural relations in the MIT community. All members of the community -- students, faculty, staff -- are encouraged to apply.

Deadline for proposals:
OCTOBER 15, 1995

For applications and more information, please call Ayida Mthembu (3-4861) or Liz Connors (3-5882) or drop by room 3-234.

COMPLIMENTARY CONTACT LENSES

You can receive a FREE pair of spherical soft or rigid gas permeable contact lenses, or 2 boxes of disposable contact lenses.* The only requirement is that you must either have been a previously unsuccessful wearer of contact lenses or have never worn contacts at all. This makes you eligible for this offer, which has been made possible by an educational grant.

This grant also allows us to reduce our usual fees for the eye exams and contact lens fitting services which are required by this program. The regular price of a vision exam is \$65 and contact lens fitting and follow-up care usually costs \$40. During this offer, your exam and fitting (including three months of follow-up care) cost just \$20 each.

*Offer expires 12/5/95. Specialty lenses for astigmatism or presbyopia available at a reduced but somewhat higher cost.

"The Best of Boston"

NEW ENGLAND EYE INSTITUTE

...A comprehensive eyecare and teaching facility of the New England College of Optometry was chosen as the best in optometric care by *Boston Magazine* which said, "Comprehensive and cost effective eye exams by student clinicians from the New England College of Optometry, under the supervision of faculty optometrists. Specializing in hard to fit contact lenses, the Institute also features a full dispensary with designer frames at a fraction of what you pay on Newbury Street."

FREE UV Protection and Scratch Resistant Coatings

Protect your eyes and lenses

Savings of \$40

These coatings will be incorporated FREE on any plastic lenses when you purchase a complete set of eyeglasses through December 5, 1995.

NEW ENGLAND EYE INSTITUTE

For more information or to make an appointment call

(617) 262-2020

The New England Eye Institute
1255 Boylston Street
Boston, MA 02215
(Next To Fenway Park)

Office Hours
M - W 8 am - 8 pm
Th - F 8 am - 5 pm
Sat - 9 am - 4 pm

EYE EXAMS • CONTACT LENSES • EYEGLASSES • VDT TESTING • LOW VISION • VISION TRAINING • OCULAR PHOTOGRAPHY • VISUAL FIELD TESTING • RETINAL & GLAUCOMA CONSULTATION

SPORTS

Golf Outmatches Three in Contests

By Tom Kawamoto
TEAM MEMBER

Last Friday, the golf team hosted at three-way match against Tufts University and Worcester Polytechnic Institute at the Crystal Springs Golf Club in Haverill, Mass. MIT won with a team score of 412 strokes, with Tufts coming in second with 433 and WPI third with 467.

It had been about three weeks since MIT had last played at Crystal Springs, and the course was much different this time around. The greens were smoother and faster, and the fairway grass was cut to a respectable height. The course was being groomed for a big event on the weekend.

Thomas T. Kawamoto '96 was locked in a classic duel with fellow Hawaiian and old high school rival Greg Mau from Tufts. Mau shot 78 to Kawamoto's 79, and had the low round for the day. Jonathan J. Grayson '97 shot 39-42-81 and

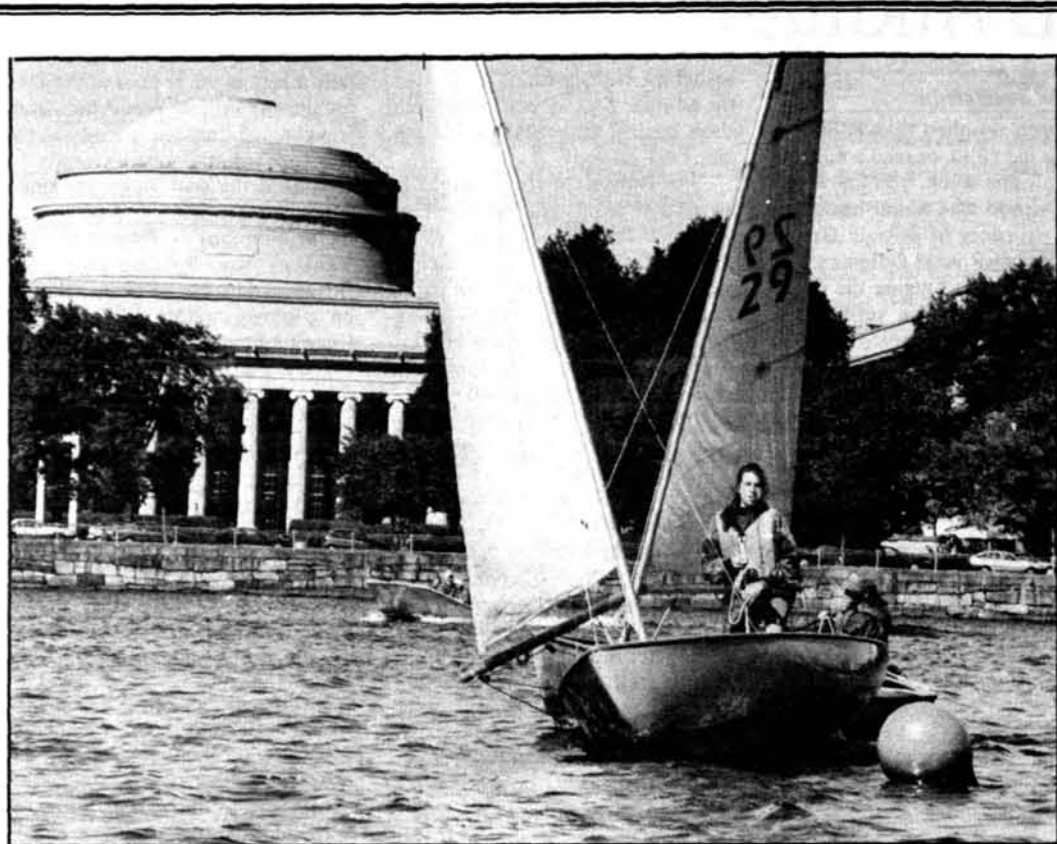
Young E. Kim '98 shot 44-39-83. Brian K. Kevitt '97 finished with 84, a good score considering that he finished his round after the sun went down. Sean M. Carpenter '96 shot 85.

Win over Brandeis

On Sunday, MIT hosted Brandeis University at Crystal Springs. MIT won with a team score of 417 strokes. Brandeis was 20 strokes behind, with 437.

Matt Mitchell of Brandeis had the low round of the day with a 76. Paired with Mitchell, Kawamoto shot 79. Brian J. Schuler '96 played in the same foursome, and finished with an 81. Kim fired a 38 on the front nine, but became overconfident on the back nine and finished with an 89.

Carpenter was the only player to really hold it together, shooting 79. There was barely enough light for Kevitt to finish his round, but he was able to grind out an 89.



Danielle Ames '96 of MIT wins the fourth race of the New England Women's Single Hand Championships in sailing.

Crew Makes Good Showing In Textile River Regatta

By Toby Ayer
TEAM MEMBER

The MIT heavyweight crew made a decent showing at last Sunday's Textile River Regatta in Lowell. Racing against a number of clubs and Division II/III schools, MIT's first Open Four came in first place with a time of 19:32. Both the Club Eight and the Open Eight finished fourth in their events, finishing in 18:32 and 18:03, respectively.

This weekend, the team heads to Pittsburgh for the Head of the Ohio races.

Nearly every member of the squad rowed the three-mile "head" race twice on Sunday: four fours were entered in the Open Four event, and those boats then consolidated to form the eights for the later events.

The regatta was the inaugural race for the first four's new boat, the Pollux, and the first competition for bow-man Victor H. van Berkel '96 since he switched to the port side. The other three members of the first-place finishing boat rowed in last year's gold-medal Head of the Charles Open eight.

The second four — rowing in the Pollux's twin boat, the Castor — finished in 20:05 behind the University of Buffalo, Wesleyan, and the University of Vermont. The third four was twelve seconds behind in seventh place, and the fourth boat another fifty

seconds back at eleventh. Coach Gordon Hamilton thought the fours rowed "reasonably well," noting that Buffalo was a "good, experienced crew."

With under two hours of rest after the fours race, all the oarsmen launched again for the eights races. The Club Eight trailed Boston College, UMass Amherst, and Community Rowing, finishing nineteen seconds behind first-place BC. As Hamilton pointed out, they were "ahead of all but the best of the Division II/III varsity first boats."

The Open Eight had a very disappointing race. "We rowed like shoes," Hamilton said. Most of the race was spent in an agonizing approach to a Colby College eight. When MIT finally passed Colby, the two boats veered into one another. Blades clashed and stroke Adam B. Cotner '96, caught a crab (too much water). Once the boats separated, Tech moved back quickly and easily, finishing far ahead of Colby but behind the Coast Guard, Riverside Boat Club, and Union Boat Club, who won in 17:44.

Hamilton suggested that Sunday's heat, and fatigue from the earlier races, affected the crew's performance. Few other squads had oarsmen competing twice; one such team, BC, won the Club Eight event but then finished very poorly in the Open Eight.

Men's Tennis Loses To Williams College

By Daniel Wang
TEAM MEMBER

For the second year in a row, the Williams College men's tennis team enjoyed considerable success at the Rolex New England Division III Championships, held last weekend at MIT. Just like last year, the Ephs fielded both of the singles finalists and a team in the doubles championships.

Two players from MIT fell at the hands of opponents from Williams. The best MIT result came from top singles player Sridhar N. Kosaraju '99, who reached the semifinals before losing to Williams' Keith Tonkin. Second singles player Daniel Wang '97 lost in the second round to James Frank, another Williams player.

On Friday, the first day of action, MIT had four representatives in the singles tournament and two teams in the doubles competition. At the end of the day, only Kosaraju and Wang remained.

Anit Chakraborty '99, who had played fifth singles in dual matches, almost pulled off the biggest upset of the day, against Gerry Perez of Colby College, the tournament's top seed. Chakraborty's steady play frustrated Perez, and allowed him to capture the first set, 6-2.

The second set continued in almost the same way, but Perez simply tried to keep the ball in the play, which slowed down the action. Chakraborty went up 4-2, and was a point away from being one game away from the match.

Unfortunately, Perez managed to battle back and win the second set, 6-4. Perez eked out a win in a very tight deciding set, with a 7-6 (7-1) result.

Earlier in the day, both Kosaraju and Wang advanced to the second fairly easily, with straight-set wins. Third singles player Jason Weintraub drew a tough opponent, and was eliminated by a 7-6, 6-4 score.

Both MIT doubles teams were eliminated in the first round of doubles action.

Kosaraju and Weintraub fell to a team from Bowdoin College, 6-2, 6-3. The other pair, Wang and James Matyczak '99 lost to a Wesleyan University duo, 6-3, 6-1.

Play resumed early Saturday morning, with the round of 16 singles action. On this day, the two remaining MIT players met different fates.

Kosaraju advanced to the quarterfinals with another straight set win over Dylan Stearns, a veteran player for Bates College. A few courts down, Wang was off to a good start, as he won the first set, 6-2. However, he was unable to keep up the effort, and consequently dropped the last two sets, 6-1, 5-2.

Later that morning, Kosaraju went up against Dave Weisman, of Babson College, the second seed and the highest ranked player remaining. This match, on the feature court, proved to be anything but easy for Kosaraju. Weisman constantly showed the ability to either retrieve every shot, or come up with big shots on big points.

In both of the sets played, neither one was allowed a comfortable lead. Shots that landed near the lines came from both players. Kosaraju also had shoulder problems, which affected his serving somewhat. Both of the sets went to tiebreakers, where Kosaraju was able to capture the important points.

The next day, Kosaraju faced Tonkin, a very steady groundstroker, in the finals. Kosaraju started off slowly, and lost his first set, 6-1. In the second set, he started to make more shots in the court, and won the second set, 6-2.

In the final set, though, Tonkin raced out to a 5-2 lead. Kosaraju held serve, then in the next game, had three break points against Tonkin's serve. Unfortunately, Kosaraju could not convert, and lost the game, and the match, 6-1, 2-6, 6-4.

Tonkin faced teammate Andrew Fagenholz in the finals. Earlier in the tournament, Fagenholz had a three-set match in the first round, but then cruised through his subsequent round. Tonkin beat Fagenholz, 6-2, 4-6, 7-6 (8-6).

Fagenholz and Rich Yung defeated Babson's Dave Weisman and Joe Ryan, 2-6, 6-1, 6-2, in the doubles finals.

Until last year, MIT always had representatives in at least the semifinals of both the singles and doubles tournament at the Rolex New England Championships. The last title came in 1993, when Jay Muelhoefer '94 and Nick Tsai '94 took the double championship. For Muelhoefer, it was his last of three consecutive doubles title. The last singles champion from MIT was Manish Bhatia '93; who won the tournament in 1991.



A Massasoit Warrior running toward the third base before being tagged out by Jaymee Johnson '99 last Friday.