

MIT's
Oldest and Largest
Newspaper

The Tech

Established 1881

The Weather
Today: Sunny, 55°F (13°C)
Tonight: Clear, 45°F (7°C)
Tomorrow: Cloudy, 55°F (13°C)
Details, Page 2

Volume 117, Number 52

Cambridge, Massachusetts 02139

Tuesday, October 21, 1997

Vest, Parents Discuss Alcohol

By Venkatesh Satish
NEWS EDITOR

Scores of parents attended events held as part of Family Weekend, learning about the Institute and voicing their opinions about student life.

In all, about 450 families and over 1,500 people participated in the program.

The most important event of Family Weekend this year was a discussion with President Charles M. Vest held on Saturday morning. Vest addressed a packed 10-250 on parental concerns, focusing on the aftermath of the drinking death of Scott S. Krueger '01.

After briefly outlining the steps that have been taken committing the Institute to building new undergraduate housing and prohibiting the use of Institute funds for the purchase of alcohol for events where people under the age of 21 were present, Vest opened the floor to questions.

Parents discuss alcohol with Vest

Concerned parents voiced their

concerns and opinions about a range of issues related to alcohol abuse and the format of Residence and Orientation week.

"We believe it is important to get more adult oversight in the houses," commented one parent.

"We can't implement a police state on campus," Vest said, further noting that a cultural change would be needed to really solve the problem. He also said that the percentages of drinkers and binge drinkers are lower at MIT than the average percentages at colleges across the nation.

Another parent said that rush was too short and that residence selection was conducted in the absence of relevant information about different living groups. "I think MIT can provide a better picture of the different living groups," he said.

Discussion about rush "has had an anti-[Independent Living Group] tone," but action being taken now by the Interfraternity Council lead-

ership is changing the nature of the discussion, Vest said.

At one point, an audience member asked a question about the financial impact skimpy rush results would have on living groups, and that proposals to lengthen rush might have that effect.

"We should not let these short-term economic difficulties get in the way" of making decisions on an alcohol policy, Vest said in response to the question.

At that point, Vest turned control of the discussion over to a panel consisting of Rosalind H. Williams, dean of students and undergraduate education; Carol Orme-Johnson, housemaster of Bexley House and assistant dean; Iddo Gilon '98, Interfraternity Council president; and Professor of Chemistry Robert J. Silbey, co-chair of the task force on student life and learning.

Student communities need to be strengthened, Orme-Johnson said.

Parents, Page 31



Daniel S. Jochelson '99 and Alex C. Snoeren G pause during the Brass Ensemble's performance in Friday's Family Weekend concert in Kresge auditorium.

Chomsky and Cleaver Talk About Activism



GABOR CSANYI—THE TECH

Professor Noam A. Chomsky and Kathleen Cleaver discuss racial issues as part of the Race 2000 series.

By Dalí Jiméñez
STAFF REPORTER

Institute Professor Noam A. Chomsky and Kathleen Cleaver, a former member of the Black Panthers, discussed issues of race and cultural division on Thursday evening.

The joint talk was part of the Race 2000 series, sponsored by the MIT Committee on Race Relations, which President Charles M. Vest created in 1994. The series will feature a variety of lectures on different aspects of race.

Speaking to a large audience in 26-100, Chomsky and Cleaver shared some of their personal experiences with race and activism and their hopes for the future. The talk was moderated by Ayida Mthembu, assistant dean for counseling and support services.

Mthembu said the talks were designed to "challenge the traditional, limited, and restrictive ways that we've been divided and kept isolated from one another."

Speakers have similar background

Although they were born in very different periods, both Chomsky and Cleaver spoke of fast becoming aware of the injustices in the world.

Chomsky, Page 18

Wearables Conference Explores Fringes of Fashion, Technology

By Dan McGuire
EXECUTIVE EDITOR

"We want to continue to be doing things that are so high risk... that they can only be done here," said Media Laboratory Director Nicholas P. Negroponte, introducing the attendees at last week's convocation to what could be the computing world's next big trend: wearable computers.

The goal of wearables, as they are called in the business, is to help bring some order to life, said

Associate Professor of Media Arts and Sciences Alex P. Pentland, in the introductory session. Generally there are two ways to achieve order, he said.

"You can organize society, and in that way end up with something that's flatter and more uniform, but you end up with something that is not a natural environment any more," Pentland said. "There's another solution — augmenting yourself" to face the world, he said.

Technological advances have miniaturized electronics to the point where they can become part of one's environment, rather than tools that one uses and then walks away from.

Wearable computers, "are like a wristwatch. They're with you all the time," he said. "Things that are with you all of the time change your being. They get absorbed into your sense of self," he added.

"If computers can see, hear and reason, we can use them to augment our senses and our memory... to make us more than we are," Pentland said.

Social and technical problems

Wearables are getting closer to reality, but serious technical problems stand in between the current state of technology and the goal of

making wearables the "fourth wave" of computing technology, following mainframes, minicomputers, and the current microcomputer revolution.

The battery life problems that

currently plague laptop development are also hindering wearables. Pentland said that this problem may go away as technology progresses. "We've discovered ways of storing

power as you move around," he said. The human body can be used as an energy source.

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INSIDE

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RICH FLETCHER—THE TECH

Nitin Sawhney G, Jennifer A Healey G, and Thad E Starner show off their creations in the Media Lab's fashion show last Wednesday.

WORLD & NATION

Repair Gives Mir a Power Boost

THE WASHINGTON POST

MOSCOW

Two Russian cosmonauts made a second foray into the Mir space station's airless research module Monday, redirecting power cables to improve the energy-gathering capability of several solar panels, but they were forced to end the mission short of completion.

The cosmonauts, Anatoly Solovyev and Pavel Vinogradov, made their first "internal spacewalk" inside the Spektr research node on Aug. 22 in the wake of a collision between Mir and an unmanned cargo craft that punctured Spektr and left the space station with about half its normal power supply.

Their objective then was to reconnect electrical cables from the module to power storage cells aboard Mir, but Russian space officials discovered subsequently that the apparatus aboard Spektr whose purpose is to keep the module's solar panels directed at the sun was not functioning properly. This time, the cosmonauts' mission was to redirect the Spektr cables to a computer aboard another Mir module, the Kristall, that could manipulate the Spektr's solar panels to keep them at the optimum angle to the sun.

There are four solar panel arrays attached to Spektr, one of which was severely damaged in the June 25 collision and is not functioning.

Monday's spacewalk, planned to last 5 hours, stretched to more than 6 — near the limit of the cosmonauts' oxygen supply — as the two crewmen struggled to effect the repairs. In the end, the cosmonauts' final task could not be completed before they were forced to return to Mir's core compartment.

U.S. Backs Away From Demanding New Sanctions Against Iraq

THE WASHINGTON POST

UNITED NATIONS

In an attempt to defuse strong opposition from Russia and France, the United States is backing away from its call for immediate new sanctions against Iraq for interfering with United Nations weapons inspectors and has offered to wait six months for the Security Council to act against Iraq, U.N. diplomatic sources said Monday.

At issue is a proposal by the United States and Britain to toughen the sanctions imposed on Iraq after its 1990 invasion of Iraq to include a ban on international travel by Iraqi military and intelligence officials. The aim is to force Iraq to stop hindering U.N. inspectors charged with eliminating Saddam's remaining weapons of mass destruction.

Washington began pressing for the new sanctions in June, but ran into opposition from Russia and France. Both countries have strong economic interests with Baghdad and advocate a more flexible and conciliatory line.

After President Clinton intervened with Russian President Boris Yeltsin during the Group of Seven industrial nations summit in July, a compromise was worked out that also won French agreement. It called for the Security Council to give Iraq until Oct. 11 to cooperate with U.N. inspections or face a travel ban.

That deadline has expired, and the United States and Britain, citing continued Iraqi blocking of inspections, are circulating a resolution that would have the 15-nation council impose the restrictions. But Russia and France, each of which can veto any resolution, are arguing that the council should wait longer before resorting to further sanctions.

Supreme Court to Consider Cocaine Sentencing Issue

THE WASHINGTON POST

WASHINGTON

The Supreme Court Monday agreed to hear a drug sentencing case that will thrust the justices into one of the more racially sensitive issues in criminal justice: the disparity between punishments for crack and powder cocaine crimes.

While the new case will simply clarify what penalty is warranted when a person who dealt in both powder and crack is convicted of conspiracy, it is likely to bring attention to the long-smoldering debate over why people who traffic in crack go to prison for far longer than those who deal in powder.

The drug sentencing case will spotlight the way the justice system handles federal drug crimes. Under current law, a seller of five grams of crack cocaine receives the same mandatory five-year prison term as a seller of 500 grams of powder cocaine. Since 90 percent of the prisoners convicted for crack crimes are black, while most crack users are white, the commission argues that the law "results in a perception of unfairness and inconsistency."

In a day of varied court business, the justices also refused to consider reinstating a Louisiana abortion regulation that gave judges more power in teen-age girls' decisions to end a pregnancy. The justices also rejected a constitutional challenge to a Texas law that prohibits juries from being told exactly when a defendant could be paroled if he got prison time rather than the death penalty.

WEATHER

Chilly and Breezy

NATIONAL WEATHER SERVICE

Today: Mostly sunny. High around 55°F (13°C). Northwest wind 10 to 15 miles per hour.

Tonight: Mostly clear. Low 40 to 45°F (4–7°C)

Wednesday: Partly cloudy. High 50 to 55°F (10–13°C).

Thursday: Partly cloudy. Low 20 to 30°F (-7 – -1°C). High 40 to 50°F (4–10°C)

Friday: Partly cloudy. Low 20 to 30°F (-7 – -1°C). High 50 to 60°F (10–16°C)

Saturday: Partly cloudy. Low 30 to 40°F (-4°C). High 50 to 60°F (10–16°C)

U.S. Says Microsoft Violates 1994 Antitrust Agreement

By Rajiv Chandrasekaran and Elizabeth Corcoran

THE WASHINGTON POST

WASHINGTON

The Justice Department Monday accused Microsoft Corp. of using its market power as the world's largest software company to force personal computer makers to distribute Microsoft's Internet browsing program.

The department asked a federal judge to find Microsoft in contempt of court for violating a 1995 consent decree that sought to restrain some of the company's business practices. Microsoft should pay a fine of \$1 million each day that it continues to violate the agreement, said Attorney General Janet Reno.

The government's decision to pursue Microsoft opens a broad legal battle over what kinds of new services the company can fold into its core Windows software product.

It was the government's third legal move against Microsoft, which many in the industry feel unfairly dominates the \$102 billion a year software industry, and as a result holds back innovation. Microsoft Monday denied the department's allegation, saying officials are misinterpreting the decree's content.

At issue is Microsoft's practice of requiring that PC makers include the company's Internet Explorer browsing software on each machine that is sold with Microsoft's Windows operating system.

More than 90 percent of new PCs use Windows, a market dominance that the Justice Department said puts Microsoft in an unfair position to muscle other browser companies.

"Forcing PC manufacturers to take one Microsoft product as a condition of buying a monopoly prod-

uct like Windows 95 is not only a violation of the court order, it is plain wrong," Reno said at a news conference Monday. "Microsoft is unlawfully taking advantage of its Windows monopoly ... to undermine consumer choice."

Microsoft executives maintained Monday that they had not violated the order, in which the company settled earlier antitrust concerns by agreeing to change the way it licensed its software to PC makers. The company argues that including a browser with Windows is a necessary innovation in the Internet age — a step that is covered by a portion of the agreement that lets Microsoft integrate new features into the operating system.

William H. Neukom, Microsoft's senior lawyer, said Monday that he believed the government is misinterpreting the terms of the agreement. The document "explicitly recognized Microsoft's right to enhance its operating systems technology," Neukom said in a telephone conference with reporters.

The Justice Department must convince Judge Thomas Penfield Jackson of the U.S. District Court for the District of Columbia to order the remedies, which would include an end to such licenses and letters to Windows owners informing them that they do not have to use Internet Explorer and giving instructions on how to remove the Internet Explorer "icon" from their screens.

Industry analysts said the proposed remedies would be unlikely to alter the software on most new computers. That's because Internet Explorer is a free product, and most computer makers are likely to include such software since it doesn't add to their costs, industry observers said.

"I don't think it's going to have a material impact," said Richard G. Sherlund, an analyst with investment bank Goldman, Sachs & Co. in New York. "Most hardware makers are going to continue to ship machines with it because it's free and it's a pretty good product."

The department's petition alleges that at least three unnamed computer manufacturers were turned down when they asked Microsoft for permission either to remove the Internet Explorer browser entirely or just the desktop icon.

With an increasing amount of information residing on the global Internet, Microsoft contends that a computer's basic operating system must be able to tap into that material, in the same way that Windows serves as the portal to material that resides on a PC's own data storage systems. A browser is software that allows a computer to seek and receive information — be it text, sound or video files — on the Internet.

However, Justice Department officials said Monday that they don't believe the Internet Explorer browser is an enhancement to Windows, but is rather a completely separate software product. "This is a clearly distinct product," said Klein. "They market and advertise it separately. Everyone in the industry recognizes it's distinct."

Although the department's petition only covers the requirement to include Internet Explorer with Microsoft Windows 95 software, some industry specialist said the legal argument could be extended to its next-generation operating system, called Windows 98 and scheduled for release next year. That software will integrate browsing functions into the operating system.

Military Study Finds Women Fill Few Jobs Tied to Combat

By Dana Priest

THE WASHINGTON POST

WASHINGTON

Women fill a "very low" number of the tens of thousands of combat-related jobs that Congress and the military's civilian leadership ordered the services to open up to them in the last several years, says a study commissioned by the Defense Department.

The study found a significant reluctance on the part of some commanders to abide by the law and allow women to fill the vacancies. It also noted that lack of training and the fact that women make up only 14 percent of the armed forces were factors contributing to the minuscule change.

Of the 47,544 jobs that became available to women in 1993 and 1994, women fill only 815 of them, the study by RAND's National Defense Research Institute shows. The report is to be released Wednesday.

Local Army commanders, for instance, may require infantry experience for certain jobs that are supposed to be open to women, even though women are prohibited by law from being part of infantry units. Some commanders decide on their own to limit the number of women in certain units or they assign women to work in administrative jobs despite the fact that they are trained for other areas.

The discovery that some commanders have barred women from jobs contrasts with the findings in the report that in the newly opened units where women are present, "gender integration is perceived to

have a relatively small effect on readiness, cohesion, and morale."

When 934 service members were asked to indicate the factors that influenced a unit's ability to do its job, only two people listed gender as a factor. Rather, training and the climate created by unit leaders were key components to whether a unit performs well.

In fact, more than half the enlisted men and one-third of the male officers favored allowing women into all combat positions from which they are now excluded. About 80 percent of the women supported a change, with many believing women should enter combat jobs only on a volunteer basis.

The report marks the beginning of a second wave of inquiry into the question of how women and men are working together in the armed services.

In the last several years, sexual scandals have shaken all the services. Each service also has conducted surveys that show what they have described as unacceptably high levels of sexual misconduct and distrust, especially among women, that their chain of command will take complaints seriously.

The Army has been the most recent focus of attention following the sexual misconduct between trainers and recruits at its base in Aberdeen, Md., and the upcoming court-martial of Command Sgt. Maj. Gene C. McKinney, who was its highest-ranking enlisted man until recently.

The Defense Department is now in the midst of a yearlong study of whether women in the military have

actually been given the equal opportunities they were promised and whether the services have identified and made the changes necessary to successfully adjust to their growing numbers.

"These are difficult issues and you really need to get into the mechanics of the personnel systems to fix them," said Sara E. Lister, the assistant secretary of the Army for manpower and reserve affairs. "This is a question of time."

In part as a result of the Navy's Tailhook scandal, in which Navy aviators groped and mistreated female peers and civilians at an off-hours party, many in Congress believed the military was out of step with changes in the civilian workplace and demanded it catch up.

Women are now eligible to be assigned to all positions for which they are qualified, except those below the brigade level whose primary mission is to engage in direct combat on the ground. This generally means they cannot be a part of infantry, armor or artillery units.

They can now work in Army mechanized smoke companies, engineer bridge companies, the headquarters of special forces groups and air defense battalions, among others.

Only submarines and small combat ships in the Navy remain closed to women. Women also are slowly gaining in number as combat pilots. They are allowed to fly in certain Marine helicopter squadrons and, in the Air Force, the changes in the law allowed them to become fighter, bomber and special operations pilots.

Laser Strike During Test Shows Vulnerability of Satellites

LOS ANGELES TIMES

WASHINGTON

In a controversial test that offers new proof of the vulnerability of the world's growing fleet of government and commercial satellites, a ground-based Army laser has struck a satellite orbiting 260 miles above the Earth.

Pentagon officials said Monday that after two false starts in recent weeks, the infrared beam of the huge Miracl laser had struck the military's MISTI-3 as it appeared on the horizon Friday evening.

The Pentagon has portrayed the test as nothing more than a defensive step intended to gather data on the vulnerability of the U.S. satellite fleet, which is by far the largest in the world. Officials maintain that the United States has good reason to explore these risks, since other countries, including Russia, China and a number of Western industrialized nations, have laser capabilities.

Air Force Lt. Col. Bob Potter, a Pentagon spokesman, said scientists are evaluating the data sent back to Earth from the satellite. While the laser beam generated some heat on the satellite, Potter said the craft was not damaged by the test and is still functional.

Army scientists are hoping to use the data to assess how much destructive power can be trained on a satellite from a ground-based laser.

U.S. Team Will Visit North Korea To Assess Worsening Famine

LOS ANGELES TIMES

WASHINGTON

North Korea, one of the world's most secretive and closed societies, will allow a U.S. government team to visit the country for a firsthand assessment of a worsening famine, the Clinton administration said Monday.

The regime's decision to admit the inspection team, which arrives Saturday, suggests that the government in Pyongyang has decided to bend a little in order to get the donated food needed to alleviate the country's spreading hunger.

"The United States regards the food situation in North Korea as very serious," State Department spokesman James P. Rubin said. He stressed that the goal of the inspection, the first by a U.S. government team, is to make sure that food is not being diverted to feed the country's million-member army. "The report of this team is designed to help us better understand the situation."

The seven-member U.S. team will be headed by Leonard Rogers, an administrator for the Agency for International Development.

Rubin also said that North Korea has agreed to admit additional monitors from the World Food Program, apparently ending a standoff that had caused some countries, including the United States, to balk at sending large quantities of food to the country.

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**CAREER FAIR
OCT. 25**

Schlumberger GeoQuest



Graduate Student Council

Walker Memorial, 50-220 (617)253-2195 gsc-request@mit.edu www.mit.edu/activities/gsc

GSC Orientation for Representatives

5:30 PM, Wednesday, Oct. 22, Room 50-220 *

- Orientation for Council representatives and Institute Committee representatives, and others interested in getting involved with GSC.
- Introduction to the Institute and GSC structure and activities.
- Update on important on-going issues.
- Applications for the representatives are still accepted. Some departments and living groups are still not represented, please contact gsc-vice-president@mit.edu to find out more.

* Dinner will be served.

October

- 21 Housing and Community Affairs Meeting *
- 22 Orientation for representatives *
- 23 Extracurricular Activities & Athletics Meeting *

November

- 4 Blue Man Group, tickets on sale now.
- 5 General Council Meeting *

* at 5:30 PM in Rm. 50-220. All graduate students are welcome. Food is provided.

The GSC is forming an ad-hoc committee to examine its alcohol policies. Contact gsc-president@mit.edu if you would like to join or simply express your opinion.



OPINION

Letters To The Editor



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Brotherhood Can Save Lives

I am a scientist, and as such, I am aware of the dangers of using anecdotal evidence to support a claim or theory. Yet after reading the disparaging stories and accounts that have been emerging since the death of Scott S. Krueger '01, stories meant to condemn the entire fraternity system and lifestyle here at MIT, I find myself compelled to present my own anecdote as an alternative view.

I had been a friend of the house for about a year when I started having some problems. I was attacked on campus while walking down Memorial Drive, I was having serious trouble in my classes, and I had been dumped by the love-of-my-life. My year was not going well. Just after midterms, I turned to alcohol. Over the course of just two or three weeks, I managed to get drunk, very drunk, five or six times. I remember the first time I did this in front of my fraternity friends. They were surprised and concerned, even though none of them were teetotalers. Very big-brotherly, they took control. I couldn't go to parties, on-campus or off, without finding a brother who would keep an eye on me, who would encourage me to dance myself to oblivion rather than drink my way there, and who would walk me home and keep me safe. When I came to one of their parties and asked for a drink, I got juice, or soda, and once again, a walk home when the evening was over.

I also got help in other forms. One brother convinced me to go to the police and tell what had happened to me. Others helped me with my classes. They extended their brotherhood to include all those around them, members of

the house or not.

About a year later I witnessed a similar example of compassionate caring, this time from the other end. A member of the house was depressed and his brothers were concerned for his safety. I was older then, and a bit wiser, and they came to me for suggestions. Together we got him help, convinced him to seek professional psychiatric assistance, went with him when he wouldn't go alone, gave him support and encouragement, and when things got really bad, kept a 24-hour watch until the crisis had passed.

This is the kind of house that can exist and should exist in every fraternity at MIT. Somewhere things went terribly wrong and Scott Krueger is our silent testimony to that grave misstep, but let's not throw out the baby with the bath water. Fraternal ideals are good ideals. Let's help each house find better ways to implement those ideals rather than abolish a system that has the potential to do so much good. I believe in the fraternity system in MIT. How can I not? I have seen the best of it in action.

Anna G. Fortunato G

Group Study Prepares Students for Life

I understand that there are lots of perfectly nice people on campus who just happen to hold some kooky ideas, and that's fine by me. However, Naveen Sunkavally's column ["An Intrinsically Painful Process," Oct. 14] is stupid. But at least in the naive, idealistic sense.

Sunkavally attacks study groups and review sessions for two main faults: no real studying gets done in the former and people

learn "cheaply" in the latter. I work with others because it's a lot more fun than lonely early-morning marathon tooling, even in the stimulating company of curdling cereal and fermenting socks. As for the "cheap" learning that occurs in review sessions for the self-motivationally-impaired, I prefer to call it "efficient."

Some of MIT's majors are inherently painful, but the amazing thing is that many people go to such lengths to hose themselves. Taking all these extraneous "minors" and "extracurricular activities" you'd think they were just here to goof off. But the thing to remember is that they've got more to learn than they have time to sit down and patiently bang their heads against the floor until everything becomes clear.

What does the real world really like? Is it a patient forgiving place where there's always time to think things through clearly and thoroughly, or is it a rushed place where systems are nonlinear and nothing ever cancels out? Assuming the latter, I think MIT teaches us what we need to know: There's more stuff out there than we can handle by ourselves.

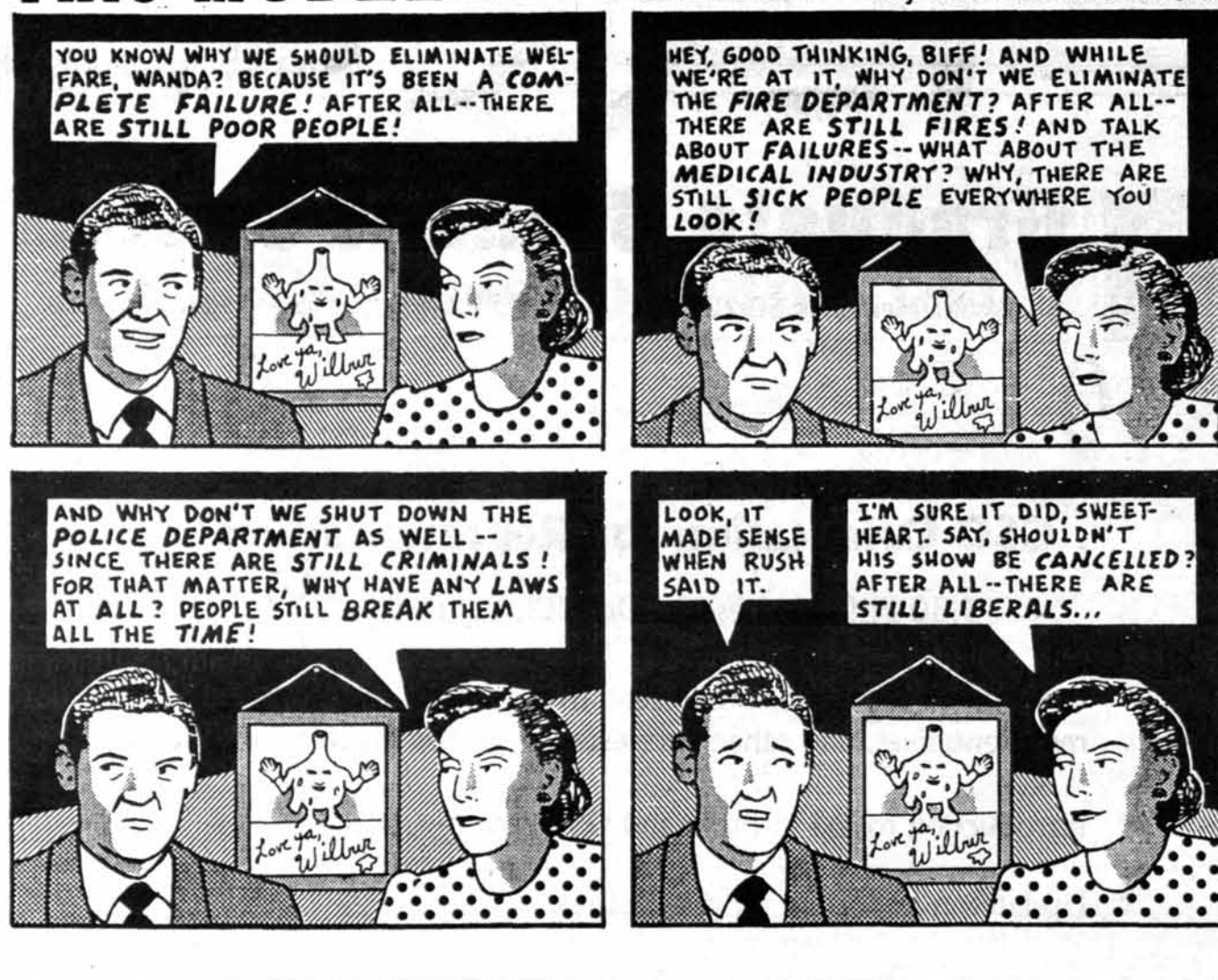
Joung-Mo Kang '00

ERRATUM

In the Oct. 17 issue of *The Tech*, due to an editorial change, a clarifying phrase was added to one sentence of a letter from Bob Broderick '99. The sentence should have read, "The actions that four of our undergraduate members made on Oct. 10 are deeply regretted by our house and the individual participants."

THIS MODERN WORLD

by TOM TOMORROW



Opinion Policy

Editorials 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.

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Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions are accepted as well, although e-mail is preferable. Hard copy submissions may be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two

days before the date of publication.

Letters must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter will be printed anonymously without the express prior approval of *The Tech*. Once submitted, all letters become property of *The Tech* and will not be returned. *The Tech* reserves the sole right to edit or condense letters. *The Tech* makes no commitment to publish all the letters we receive.

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The Malaysian Connection

If This Jewish Conspiracy Existed, I Would Love to Sign Up

Stacey E. Blau

You'd think it would have to be a joke. But not to Malaysia's prime minister, Mahathir Mohamad. In the face of Malaysia's crisis with its currency, the ringgit, which has plunged 30 percent in value in recent weeks, he has claimed that Jews are plotting to destroy the country's economy.



"We may suspect that they have an agenda, but we do not want to accuse,"

Mahathir said. "And incidentally we are Muslims, and the Jews are not happy to see the Muslims progress. The Jews robbed the Palestinians of everything, but in Malaysia they could not do so, hence they do this, depress the ringgit."

Mahathir backed off slightly after a torrent of criticism, claiming that his comments represented only what he had "been told by certain people." Still, he insisted, "sinister forces" were at work.

To be fair, it's not only the Jews who have for some reason unknown to most of us, incurred the wrath of the prime minister of Malaysia. Mahathir also has accused the Western press and American investor George Soros of plotting against the Malaysian economy.

I don't particularly fear for the Jews in Malaysia, since, first of all, there probably aren't many to fear for. Anyway, most people take a comment with more than a few grains of salt when it comes from the mouth of a man who blames the economic problems he clearly caused himself on George Soros one week and "modern sinister forces" the next. To be sure, the United States would step in on behalf of the few Jews in Malaysia if Mahathir attempted to do anything to them. More likely, however, Malaysia's prime minister won't become much more than he is right now — a joke.

My concern is of far wider significance. What I want to know about is this Jewish conspiracy that gets quite a lot of talk, not just from Mahathir. Since

a very early age, I've heard bits and pieces about the alleged Zionist cabal that has for a long time ruled the economic world and made Jews rich. We've all heard the nasty talk about Jews endlessly hoarding and counting their money; Jewish loan sharks cheating borrowers to get rich; Jews starting any one of the medieval Bubonic plagues in Europe to spite the evil Gentiles.

For centuries upon centuries, the behavior of the non-Jewish world toward Jews has been characterized by endless suspicion, stereotypes, and persecution of the Jews. It's all there from stories like Shakespeare's *The Merchant of Venice* to the stuff we read in European history textbooks in high school. The theory of the Zionist conspiracy controlling the economy has persisted quite remarkably.

As a Jew, albeit a seriously lapsed and pretty much nominal Jew, I want to know more about this conspiracy business. Specifically, I want to know how to get in on it. Considering that it supposedly has worked for centuries as a massive money-making machine, I'd certainly like to be a part of it.

Seriously, though, I'd think that someone in the know would have let me in on the conspiracy by this time. I'm Jewish, or at least by

Jewish law, I was born Jewish, since my mom is Jewish. I'm from New York, where massive numbers of Jews are concentrated. I'm 21, and I'm graduating from MIT this year. I've got the credentials, I'm old enough, and — the bottom line, really — I could contribute.

I have, however, had no luck finding out anything about a conspiracy, let alone joining up. I asked my mom, my dad, and my rich and stingy grandparents about the conspiracy, and they've rebuffed my questions. Are they part of the conspiracy and simply keeping that fact from me? Are they waiting to spring the news on me and induct me at some future point? I'm skeptical about those possibilities. I'll admit that I'm beginning to doubt the existence of the whole thing, and, frankly, I'm quite sorely disappointed.

Mahathir's accusations about the Jewish conspiracy were off in a quite significant way. His claim is that the Jews are out to get the Muslims. But what about the Christians and the Hindus and the Shintoists and the Satanists for that matter? If you want to know the God's honest truth, conspiracy or no, I'd like to take the entire Gentile world for every ringgit it's worth. And at the rate that currency is plunging, that may prove to be a whole lot of ringgits.



A Public Relations Disaster

Now Is the Time for Introspection, Not Irreverent Posturing

Erik S. Balsley

I have been deeply concerned and saddened by the recent death of Scott S. Krueger '01 and the reactions of campus leaders to it. Someone has died, and yet most statements I have read from student leaders and campus officials have not dealt with the loss of a life but have been not-so-vague attempts of shifting responsibility for the tragedy away from themselves.

I learned of the news when I called *The Tech* a few hours before the evening news in New York ran a story on the issue. I left the country on Oct. 2 and am now in Japan and am still able to keep up to date on the latest developments in the tragedy. In fact, an MIT alum recently called me and he first brought up the topic with me. My newfound distance from the Institute has in some ways allowed me to take a more objective look at it, and I have realized that the official statements and poorly-thought-out actions of some members of the community are not only making those who said them look foolish, but also the entire institution.

MIT is running scared, and it shows. The incident itself would no doubt have damaged MIT and affected the community, but the official reaction has compounded the damage. Aside from statements made at the candlelight memorial service for Krueger and Umaer A.

Basha '01 and some of the letters that have appeared in *The Tech* recently, we have heard few honest expressions of sadness about the death.

Instead of taking a moment to admit that this has been a horrible accident and we are sorry to hear it has occurred and leaving it at that, most people have begun to immediately address systems and other things that people outside the immediate MIT community don't care about. Saying that we have suffered a tragedy, so let's take a look at the system, shifts the focus away from the death itself and places the emphasis on some abstract concept that cannot be held accountable for the death.

Hasty comments that do not acknowledge the fact that people have been affected have done considerable damage. "We work hard and we play hard," said Undergraduate Association President Detric A. Carter '98. Others have made blunt statements as well, so I do not mean to draw attention to Carter alone. These types of statements do not deal with the death. They make the speakers look tremendously shallow, and most of all have no air of respect.

Recent inconsiderate actions are also making even honest efforts to deal with the tragedy seem shallow. I am referring to the incident where a Zeta Psi underclassman allegedly attempted to buy a keg with a fake identification. Even if the keg was for pri-

vate use and therefore did not technically fall under the Interfraternity Council's voluntary ban on alcohol at parties, it was an illegal, irresponsible, and inconsiderate action given the circumstances surrounding the tragedy. It has shown the world there really hasn't been any thought about the systems mentioned in MIT's official statements and actions.

MIT is under its own microscope and that of the world's. Every shallow action taken resonates both inside and outside the MIT community.

One family has suffered a great loss. The MIT community has been affected by a terrible and needless tragedy. Instead of taking a quiet moment to reflect upon the incident respectfully most people have shifted the focus away from the death towards abstract systems. In so doing not only have the speakers sounded oddly out of place, but have made the MIT community appear unfeeling, shallow, and incapable of introspection for the whole world to see.

This is not a question of public relations but of respect and introspection. Officially there has been neither of these two things. This may ultimately be the most damaging part of the tragedy as it plays out.

Erik S. Balsley '96 is a former sports editor of *The Tech*. He is currently studying at the University of Tokyo in Tokyo, Japan.

A Tragedy With A Difference

Guest Column

Ron Loui

On May 5, 1995, a beautiful student at the University of Washington in St. Louis named Melissa Gail Aptman was killed. She was forced into a van after a party at a popular restaurant near campus, shot, raped, driven into the ghetto, and left to die. The campus wept. The parents came to town not for her graduation, as they had planned, but to dedicate monuments and help with our healing. Our chancellor stood beside those parents with dignity and with sadness.

Our chancellor, William Danforth, retired the next year with the community's highest respect. He was replaced after a long search by former-MIT provost Mark S. Wrighton.

Why is MIT's recent tragedy, the death of a fraternity freshman, so different from ours?

MIT President Charles M. Vest should make a public apology and offer to be removed from his position this year. MIT didn't care enough about its undergraduates to

President Vest should make a public apology and offer to be removed from his position this year. MIT didn't care enough about its undergraduates to create a healthy environment. MIT has blood on its hands.

create a healthy environment. MIT has blood on its hands. Vest should acknowledge the responsibility and start MIT on the path to a higher tradition.

Too many academic administrators have been thinking that their jobs are about fundraising, investment, keeping alumni happy, and keeping scandals quiet. Leading a university is not an easy job. The job has business components, but it is also about rising to the responsibilities of leadership. This is especially true at MIT, which leads the world in so many ways.

I know about social life at MIT. I know that the fraternities believe themselves to be the only viable social option. I know that some of them inherit Boston's underage drinking excesses, and add to this their own ritual bravado. I know that some MIT fraternities manage to find the lowest common denominator in search of some fiction of fun.

If I know all of this, so does Vest. Apparently, it was even documented before him five years ago. MIT may be sued, probably deserves to be, will survive if it loses, and may even be better for it. MIT probably should not be trying to exculpate itself because it could have happened in the dormitories or because "alcohol awareness" will make everything better.

Our chancellor didn't permit St. Louis criminals to parade unchecked among a vulnerable student population. Even if there were a threat to the well-being of our students, it would exist only if our best efforts to eliminate it had failed. It would not have the nod from the top, the implicit acceptance, in fact, the mark of institutional recognition and accreditation.

Vest and his people know what happens among eighteen year-olds at fraternities, and they let it happen. They could have taken a higher road. That is why they cannot now stand beside weeping parents with dignity.

Children will drink at college, and sometimes, college students will even die.

Melissa Aptman was in the wrong place at the wrong time. Everyone understood that. The death of Scott S. Krueger '01, on the other hand, was the logical conclusion at an institution that has allowed itself to go wrong. Someone at MIT has to admit the difference.

Ron Loui is a professor of computer science at the University of Washington in St. Louis.



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Survey Shows MIT Drinking Below National Average

By Naveen Sunkavally
STAFF REPORTER

The Medical Department recently released the results of a 1995 survey on the usage patterns, perceptions, and consequences of alcohol and other drug use among MIT undergraduates.

The survey was developed by the Department of Education and was given to students on several hundred college campuses across the country. At MIT, it had a 30 percent response rate out of a sample of 1,500 students.

The survey reported that, on average, "MIT students' self-reported use and personal consequences from use of alcohol and other drugs were lower than that of students from [other] four-year institutions."

According to the survey, 30 percent of MIT students abstained

from alcohol during the year prior to the survey, 17 percent above the national average. Twenty-three percent of MIT students reported that they had participated in binge drinking in the previous month. The national average was 44 percent.

Binge drinking was defined as drinking five or more drinks in a row for men, or four for women.

The typical MIT student in 1995 consumed 2.4 drinks per week, as opposed to 4.4 nationally.

MIT students also reported "far fewer negative consequences from drinking and/or drug use than other four-year schools." Fifteen percent of MIT students committed some form of public misconduct, and 13 percent experienced some kind of serious personal problem, ranging from depression to sexual assault.

In addition, figures on the usage

of drugs, including marijuana, LSD, and opiates, were uniformly lower than national levels in 1995.

Students hold misconceptions

One significant result from the survey was the disparity between the perceptions of substance abuse and the actual numbers, said Health Educator Tracy A. Desovich. The survey reported that 73 percent believe that the average student consumes at least one drink a week, when only 28 percent reported actually do so.

Seventy-six percent of respondents believed the social atmos-

phere on campus promotes alcohol use.

Fifty-three percent of students in the survey reported that other students' drinking interfered with their life in ways such as making them feel unsafe or "messing up" their living space.

Over a third of the students who responded, 35 percent, indicated they would prefer not to have alcohol available at parties they attend.

Also according to the survey, almost all students, 94 percent, perceived drinking as a central part of the social life at fraternities. "If we keep holding these perceptions,"

Desovich said, "we are doing a great disservice" to the community and the process of alcohol education.

The survey results also stated that "seventy-five percent of students who live off campus are current drinkers, as compared to only 50 percent who live on campus."

Of the current drinkers in the survey, 57 percent of the population, half were underage. "Certainly at the present time underage drinking laws are being broken all the time. My own feel-

Survey, Page 26

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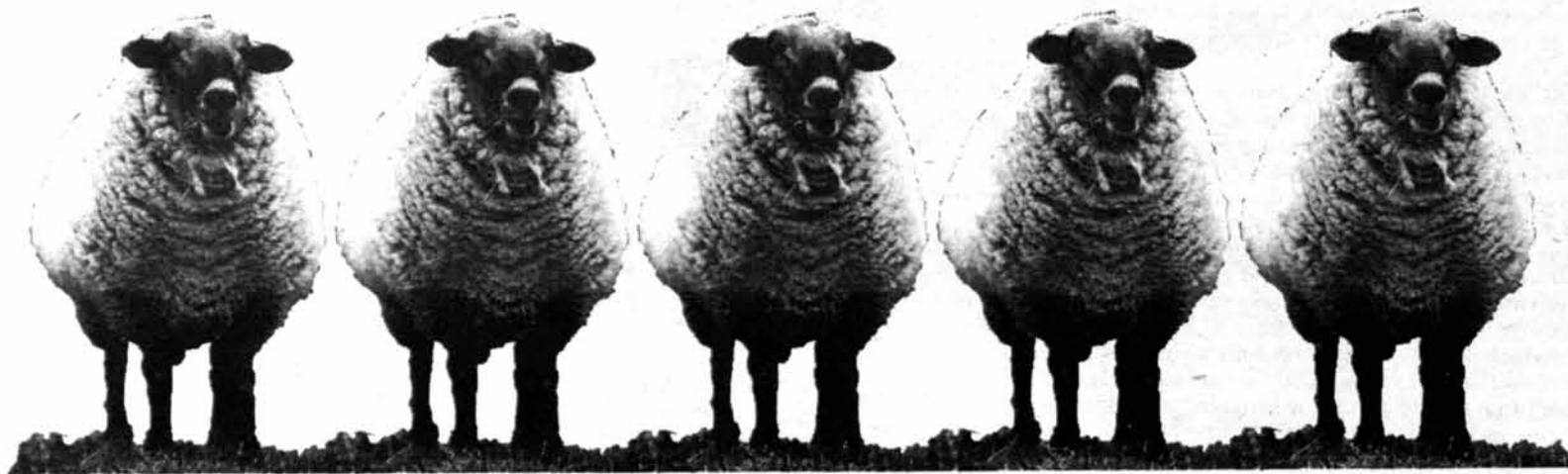
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Join us for our Company Presentation and Lunch, Tuesday, October 28th at 12pm in the Tang Building, E51-3rd Floor.

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January 29th and 30th Intern Interviews.

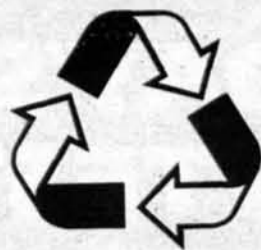
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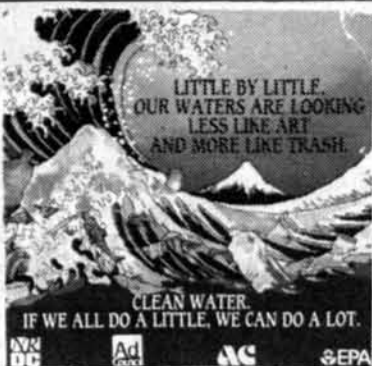
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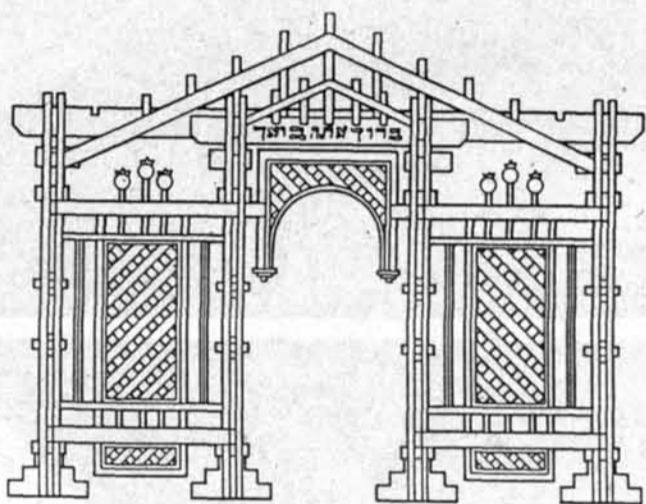


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Mon., Oct. 20, 4-5 pm, 6-120, Case Interview Workshop by Bain & Co.

Tues., Oct. 21, 5-6:30 pm, 4-163, Finding the Right Fit – Leveraging Your Technical Background in a Business Environment, by Steve Chanin, (MIT Alumnus), VP of the Technology Organization, Sapient Corp.

***Tues., Oct. 28, 6-8 pm, Marriott Hotel, A Career in Management Consulting – Demystifying What We Do.**

*This presentation for PhDs and Postdocs, sponsored by The Boston Consulting Group, may be of interest to those who attend the presentation below.

Weds., Oct. 29, 6-8 pm, 6-120, BCG Cases and Case Interviews, a presentation for PhDs and Postdocs by The Boston Consulting Group.

Mon., Nov. 3, 3-5 pm 4-231, Tips on MS/PhD Resumes and Industry Interviews – A Recruiter's Perspective, by Corning, Inc.

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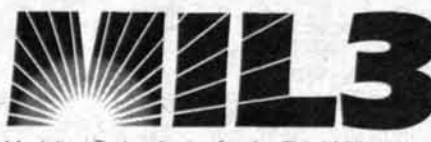
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Modeling Technologies for the Third Millennium

Microstrategy CEO Discusses His MIT Experience

By Katie Jeffreys
STAFF REPORTER

The three career fairs in the last three weeks are testimony to the job search process that annually occupies the lives of soon-to-be MIT graduates.

Many companies specifically recruit MIT students, and many are made up of a considerable number of MIT graduates.

Microstrategy, whose president and CEO Michael J. Saylor graduated from MIT in 1987, arranged a site visit for *The Tech* to look a little closer into how the MIT experience influences later career performance and outlook.

Ten percent of Microstrategy's employees are MIT graduates. According to Melissa A. Koren, manager of university recruiting, they have a higher "employment acceptance rate among MIT students than any other company that recruits at MIT."

Gaurav Rewari '91, the company's director of project management, said that Microstrategy "felt like MIT in many ways." As a new employee he learned that "you quickly take on more than you can manage," and was reminded of the "principle of selective neglect" he had learned at MIT.

Microstrategy, based in Vienna, Virginia, was founded in 1989 by Saylor and Sanju K. Bansal '87 as a

consulting company building decision support systems for DuPont. They focused on creating graphical user interfaces allowing corporations to access and analyze databases.

MIT students are ideal for jobs

Because MIT prepares students well for jobs in companies like Microstrategy, many students are recruited on campus. However, students at Dartmouth, Duke, Harvard, and Yale, as well as international universities also regularly apply.

The company looks, above all, for graduates with a "great personality, willingness to get their hands dirty, and strong analytical skills," said Charles Valey '87, director of corporate development for Microstrategy.

MIT students also tend not to be intimidated by new technology, which can be daunting. "When you are at MIT you eat, drink, and breathe technology," said Thomas Spahr '87, director of information systems for the company, and can apply technical knowledge to society from first-hand experience.

"It's the intensity of the MIT experience which in fact has proven to be the best preparation for business," Bansal said. He felt that the work ethic he learned at MIT helped in his entrepreneurial endeavors.

The Undergraduate Research Opportunities Program was also

mentioned by several alumni as being helpful.

"I think it gets you a little more focused on how high technology can be... essentially vented out to third party organizations," Bansal said.

Co-workers term Saylor visionary

Saylor studied aeronautics and astronautics and science, technology, and society during his time at MIT.

Now, "he is unquestionably a visionary," Spahr said. "When he has a vision he can translate it into something others can understand."

Saylor's goal of "purging ignorance", the company motto, is one that he feels will be successful because his vision has three important characteristics: it is ethical, imperative, and timeless.

Theirs is "an almost evangelical mission," said Saylor. Instead of focusing on profitability, Microstrategy wants to allow for improved analysis and distribution of data.

For the company to succeed, everyone from the CEOs of Microstrategy's customers down to the average consumer must succeed, Saylor said.

It is imperative that as the amount of data available increases, and methods of accessing it improve, people are given the opportunity to do so, Saylor added.

Microstrategy provides data

Since 1989, Microstrategy has expanded because of the advent of remote systems that can be accessed by home computers. The company is currently working on creating a World Wide Web-based interface that allows users worldwide to inexpensively access databases containing terabytes of data.

It will be possible to post very specific requests for important data, such as "Which surgeon in New England has performed the most successful open-heart surgeries relative to the health of the patient?"

"The business got a huge kick in '93 and '94," Saylor, said, "and what ensued was a market that we now call data warehousing."

Data warehousing can be used by groups such as banks, car dealerships or hospitals to "take information trapped in a database and get it out to people," Saylor said. Consumers can then make informed decisions which will, as the company's motto states, "Purge ignorance."

Their current customers include insurance, credit card, and retail companies. This customer base of 350 corporations brought Microstrategy to its present status, generating \$50 million annually and employing 515 people. In the past, the company has been growing at a rate of 100 percent annually. "We are looking forward to a record year of growth," Valey said.

Saylor will be at the Institute Wednesday to present an information session for students.

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{ Truths of Silicon Valley }

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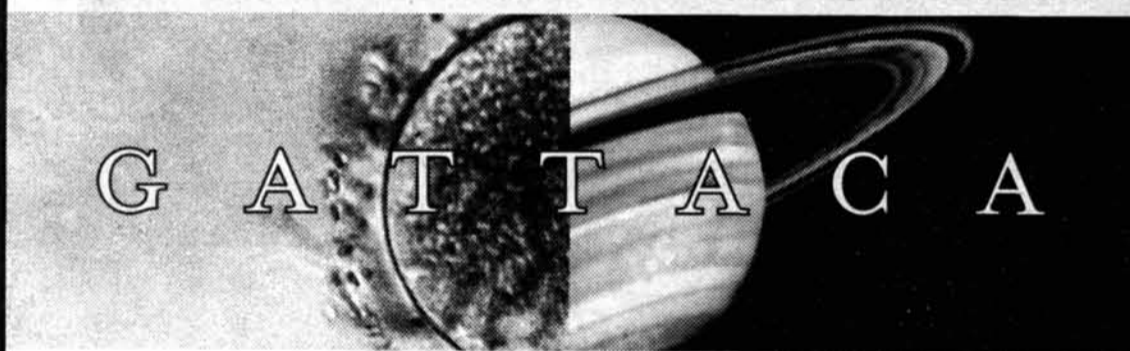
Additional information on Long-Term Capital Management, L.P. is on file with Career Services. LTCM will be interviewing on-campus Thursday, 23 October 1997.

If you have any questions, please contact Justin Klosek at (203) 861-8810, or email jklosek@ltcm.com.

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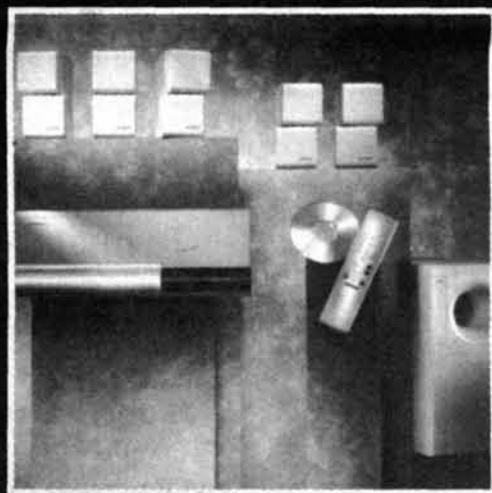
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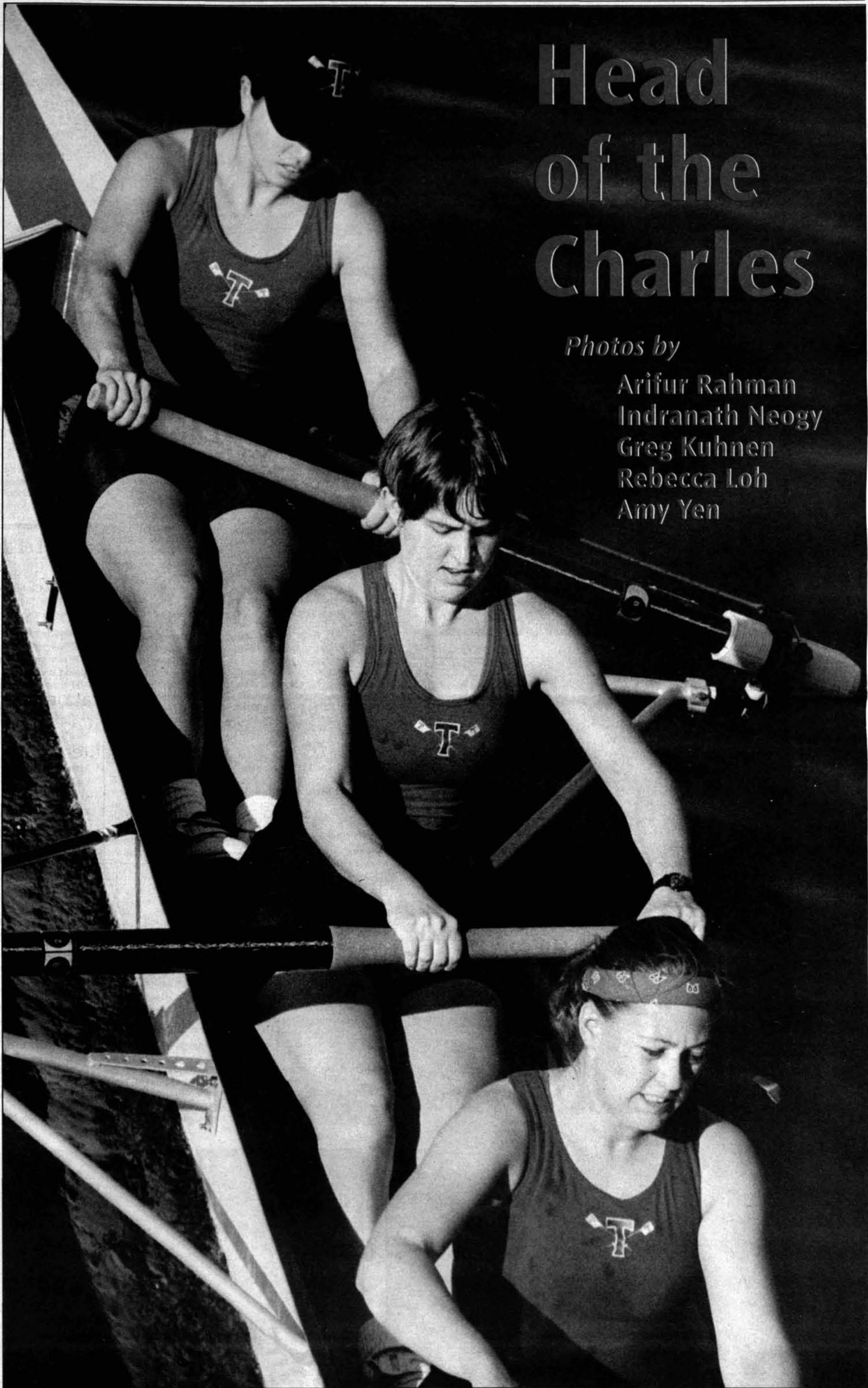
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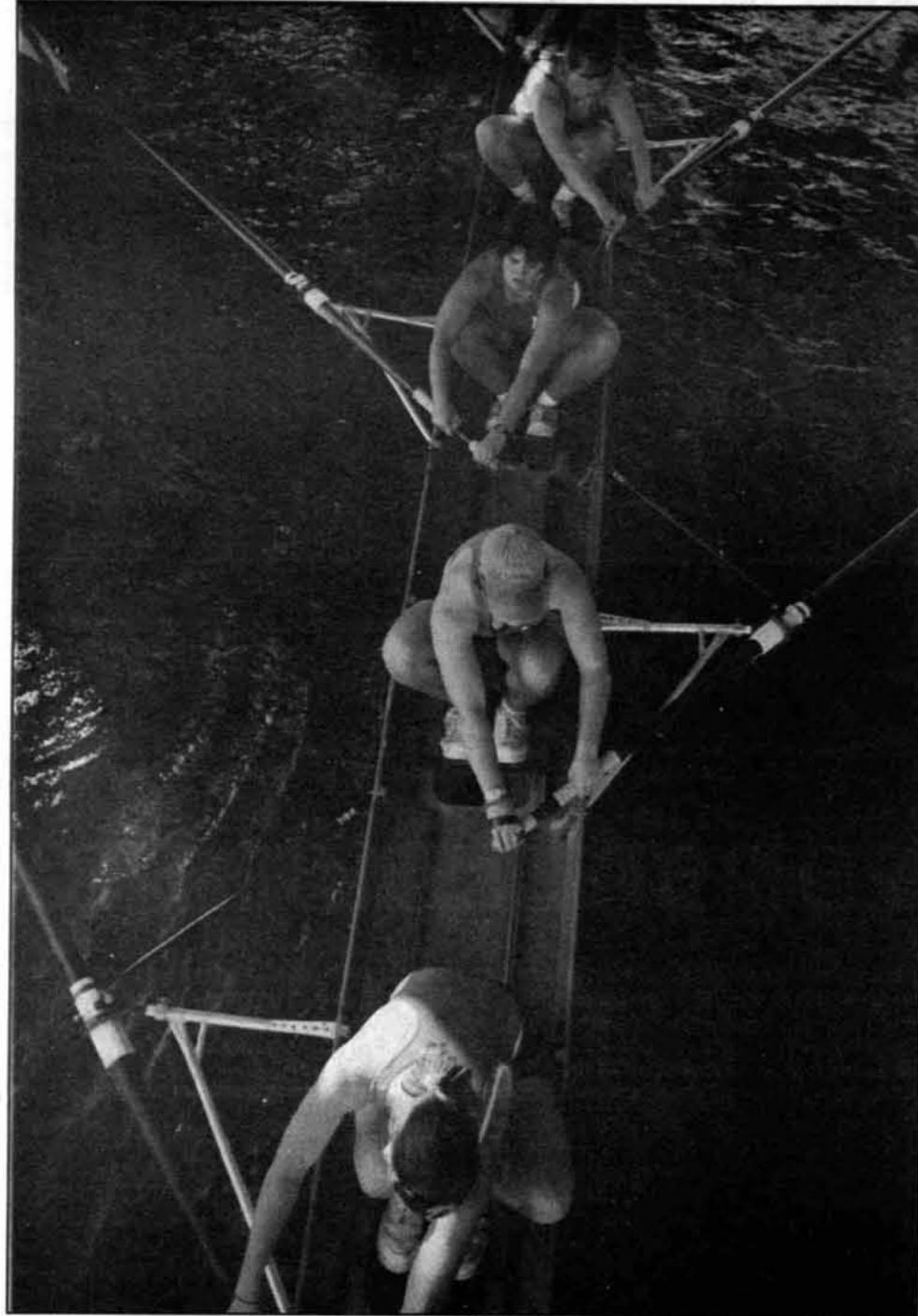
División Latinoamericana

Head of the Charles

Photos by

Arifur Rahman
Indranath Neogy
Greg Kuhnen
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Amy Yen





By Daniel C. Stevenson
SPORTS EDITOR

After a one-year hiatus, the Head of the Charles Regatta returned to Cambridge this past weekend, bringing 300,000 people to watch 5,600 rowers from around the world.

MIT crews, many alumni, and Professor Hartley Rogers, Jr. raced more than 15 boats in nine events and secured respectable placings across the board.

Most noteworthy, Director of Crew Stu Schmill '86 coxed the winning Women's Lightweight Eight crew and Rogers placed second in the Senior Veteran Singles race.

The race, the 33rd annual running of the world's largest regatta, was held on both Saturday and Sunday after last year's Sunday-only race was cancelled because of rain and high winds. The weather was overcast and cool for both days.

The course followed a difficult and twisting 3.2-mile stretch of the Charles River from the Boston University Bridge to just upstream of the Eliot Bridge.

MIT crews raced in club and championship events. The club events are less competitive and are for crews that haven't placed high in previous regattas. Additionally, young (under 20) and veteran (over 60) rowers have separate events.

Races are listed in chronological order. Placings and times are summarized in the accompanying box. Boats left at 15-second intervals, so crews couldn't tell their placings until after all boats had finished.

Women's Club Four
The first race of the regatta was the women's Club Four at 1:30 p.m. Saturday. The Sloan Crew Club finished in 11th place out of 66 at 19:28.87, less than one second behind the 9th and 10th place finishers and 46 seconds out of first.

Katharine Compton G, Kristin Nixon G, Laura Venditti G, Shana Sturla G, and Mary Sullivan G (cox) rowed for Sloan.

The Sloan Crew Club is a graduate student club separate from the intercollegiate program. The club re-emerged a few years ago and is mainly made up of Sloan School of Management students.

Also in the Club Four, the women's varsity crew came in 19th, beating UNH by half a second at 19:51.66 with Betty

Tsai '99, Zoe Teegarden '98, Katherine Koch '00, Emily Hanna '00, and Katy Croff '00 (cox).

Men's Club Four, Club Eight
In the men's club events on Saturday, the heavyweight second

varsity crews rowed to respectable placings among the best clubs in the country. The heavyweight second varsity four placed 21st out of 57 teams in the Club Four competition. At 17:46.65 they were just half a second behind the next boat. Neal Elvin G, Eugene Vaynshteyn '00, Shaun Meredith G, and Dan Dunn '94 rowed, with coxswain Eileen Liu '98.

The eight placed 38th out of 69 in the 3 p.m. Club Eight competition, at 15:57.63. The boat included Mike Dewberry '00, Bernard Asare G, Duane Dreger '99, Greg Bollrud '99, Marc Berte '99, Jeb Keiper '99, G. Carrilio G, Amro Farid '99, and John O'Quinn '98 (cox).

Also in the Club Eight, the Sloan Crew Club placed 50th, at 16:14.22, with Peter Milt G, Nate Walsh G, Michael Harms G, Philip Bradley G, Dominick Layfield G, Ben Evans G, Peter Csatorday G, Andrew K. Swiecki G, and Kenway Lovie G (cox).

The lightweight crew eight came in 60th, at 16:41.46 with Jeremy Hui '00, Torrey Radcliffe G, David Manz '00, Ben Boehm '99, Marc Moesse '00, Steven Huang '99, and Stuart Jackson '00 (cox).

Veteran Singles
Rogers, who is 71, placed second of 17 in the men's Senior Veteran Singles (over 70), at 23:00.94. The race, at 8:30 a.m., was the first on Sunday. Rogers, who was listed as a "rower to watch" by the regatta committee,

has raced in the regatta for 29 years, almost since its inception.

Rogers said he'd been working on his technique this year and had made a "big difference" in his speed. Rogers, who didn't row competitively until he was 40, learned to

Cameron Wheeler '01, Mark Jhon '01, James Morash '01, Kevin Schmidt '01, and Melahn Parker '01 (cox).

Having enough talented freshmen to form the first Youth Eight boat in more than 15 years "bodes

so the traffic flow is congested.

On Saturday, a Duke University crew came to close to the Eliot Bridge near the finish line and all the oars on one side were snapped off.

Men's Championship Doubles

Brad Layton '92, also a member of the national team, rowed in the Championship Doubles for the Potomac Boat Club and finished in sixth at 16:55.73.

The final MIT graduate on the national team, Steve Tucker '91, didn't row in the regatta.

Women's Championship Four

The women's varsity crew came in 23rd of 34, at 19:46.66 with Margo Harbaugh '98, Mariah Folch '98, Jorge Broggio '98, Shawn Hwang '99, Sahar Aminipour '00, and Jeffrey Munro '99 (cox).

Men's Championship Eight

The varsity heavyweight eight rowed to a solid 23rd of 43 at 15:25.39 in Sunday afternoon's Championship Eight race.

The event was won by the world-champion U.S. National Team in a time of 13:58.99.

Collegiately, the Beaver eight finished 13th among Division I and II schools, and bested fellow Division I crews from Navy, Rutgers, and Dartmouth. The varsity heavyweights also posted times faster than crews from the University of Michigan, Ohio State University, the University of New Hampshire, George Washington University, and Northwestern University.

The heavyweight first boat included Shane Wu '99, Solar Olugebefola '99, Mike Salamina '00, Matt Coates '98, Mike Perry '99, Karsten Kallevig '99, Karl Richter '99, Dan Parker '99, and Jen Lykens '99 (cox).

The crew was pleased that they were able to improve on their previous two races this season and put together a solid race from start to finish. "We were able to keep our focus throughout the race," Richter said.

Coach Gordon Hamilton said he was pleased with the boat's performance and predicted that "we will be much more competitive among our Division I rivals in the spring."

Robert Lentz contributed to the reporting in this article.

Head of the Charles

Head of the Charles Results

Race	Place	Time
Women's Club Four		
Sloan Crew Club	11	19:28.87
MIT women's varsity	19	19:51.66
Men's Club Four		
MIT heavyweight second varsity	21	17:46.65
MIT heavyweight varsity	38	15:57.63
Sloan Crew Club	50	16:14.22
MIT lightweight varsity	60	16:41.46
Senior Veteran Singles		
Professor Hartley Rogers, Jr.	2	23:00.94
Men's Youth Eight		
MIT freshman crew	20	16:36.07
Men's Lightweight Four		
Lightweight varsity	23	18:05.82
Men's Lightweight Eight		
MIT lightweight varsity	13	15:23.52
Women's Lightweight Eight		
Arco Training Center (Stu Schmill '86, Linda Muri '85)	1	16:15.20
Men's Championship Doubles		
Potomac Boat Club (Brad Leyton '92)	6	16:55.73
Women's Championship Four		
MIT women's varsity	23	19:46.66
Men's Championship Eight		
MIT heavyweight varsity	23	15:23.39

Men's Lightweight Four, Eight

The lightweight men's varsity crew placed 23rd of 29, at 18:05.82 with Jean-Paul Folch '98, Jorge Broggio '98, Shawn Hwang '99, Sahar Aminipour '00, and Jeffrey Munro '99 (cox).

The lightweight men's varsity eight placed 13th of 32, at 15:23.52, ranking them among the top college finishers in that race. The boat finished less than a second ahead of rival Cornell University and included Garrett Shook G, Eric Bevan '99, Seth Newburg '00, Kris Kendall '98, Daniel Frisk '99, Joseph Irineo '98, Joel Johnson '98, and Paul Oppold '99 (cox).

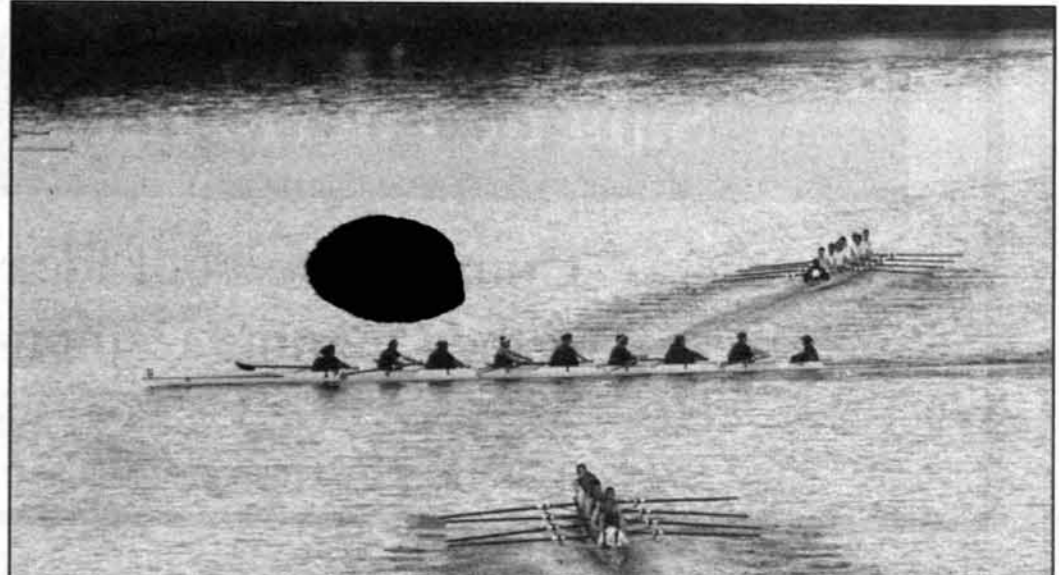
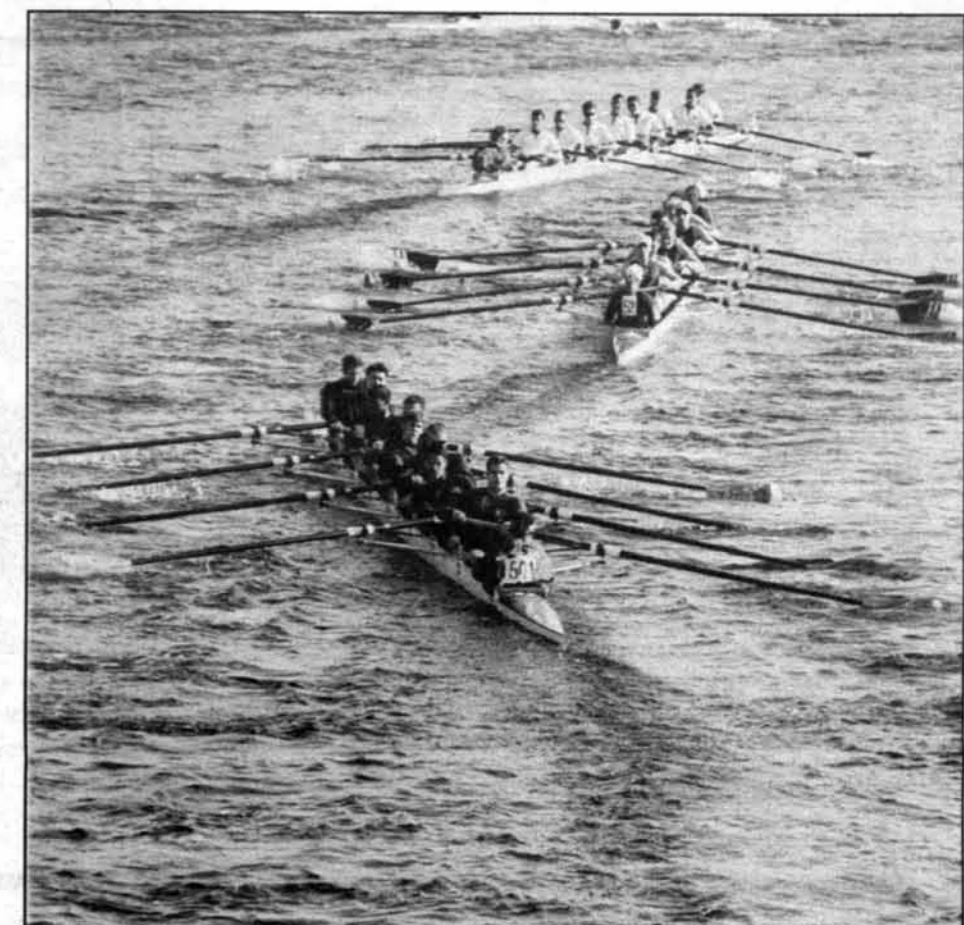
Women's Lightweight Eight

Schmill was the coxswain for the first-place women's Lightweight Eight boat from Arco Training Center, which trains the members of the U.S. National Team. All the rowers were from the 1997 national team, including three-time medal winner Linda Muri '85.

Schmill's boat finished in 16:15.20, just 0.4 seconds behind the course record.

Schmill said he is very familiar with the challenging Charles course because he is on the river every day.

The course is difficult because there are many sharp turns and bridges, Schmill said. Bridges can only fit a certain number of crews,



Activists Discuss Their Childhoods and Motivations

Chomsky, from Page 1

As a child of the depression and a first generation Jewish immigrant, Chomsky describes his childhood as a "very intellectually lively period." By watching demonstrations and workers being killed, and listening to the working class, he learned to pay attention to people's problems.

Cleaver said she was born into activism, since her parents were involved in several movements. After living in India with her family, she realized, "the country was run by people of color and they seemed to be doing a pretty good job," Cleaver said.

"So it never occurred to me that there was any reason for whites to run everybody's lives," she added.

Activists have different interests

The activists' differences were highlighted when they answered Mthembu's question about how they stay focused in their work in activism while many others have given up as times and politics have changed.

Cleaver spoke of the joys of the struggle. "I feel happiest when I know I'm doing something that in some ways breaks through and brings down the kind of barriers that restrict people's ability to be creative, whole and healthy," she said.

She also spoke of loving "the exhilaration of feeling that somehow or other we can change this culture and make a difference."

Chomsky, however, gave a very different answer. "To tell you the honest truth... I hate to go to jail; I certainly don't like to go to meetings; I can't stand demonstrations, and I don't like talking to a lot of people," he said.

After the laughter quieted down, he continued by listing some of the things that he considered wrong with the world. Without leaving our immediate area, just by taking a

walk downtown, to Central Square, you can see what's happening — people are begging for food, he said.

"It's impossible not to pay attention to these things, to be alive and not to be aware of it, and to be aware and not to possibly try to do something about it," he said. "It wouldn't be my first choice, but there is no choice if you want to be able to look at yourself in the mirror."

Restrictions on speech occur often

Chomsky said the activism of the 1960s terrified the establishment. "The institutions responsible for the indoctrination of the young were failing," and people were challenging authority and really changing the country, he said.

Chomsky denied the idea that the activism of the period has ended. He said it's part of the "false propaganda that's trying to get people back to passivity."

Although by comparative standards, the United States has a very good record on freedom of speech, Chomsky said, there are still cases of censorship, "but the really serious ones are not called censorship, they are the control of the arena of public discussion and information by private corporations... what amounts to totalitarian organizations," he added.

Condemning corporations such as Microsoft, which he said pretend to control something as public as the Internet and are attempting to gain more control over people's lives, Chomsky said there are "much bigger monsters out there which are not regarded as an attack on freedom of speech" which need to be so regarded.

Audience questions future projects

At the end of the program there were a few minutes given for the audience to pose comments or ques-

tions to the panel.

A Guatemalan native asked Cleaver about the challenges faced by blacks and Latinos in this country as they strive to build a common agenda.

"There's an intrinsic identification with the same issues" between both races, Cleaver said. "However, there seem to be an enormous amount of social barriers."

"The future depends on enlightened, committed, leadership, that's not self-serving and not corrupt," she said. "I think people have to start working together in building a sense of trust, but it takes an effort. It takes a commitment, although it doesn't mean it can't be done."

A student asked how to get people to realize that there are still issues to be addressed and causes to be fought.

Cleaver noted that the financial burdens imposed by society do not

allow people to fully dedicate themselves to activism, and later pick up where they left off as she did.

"There are ways of ensuring that people who stay out of line will not step back into line," Chomsky added.

However, both agreed that the range of things one can do is inexhaustible. "There is endless misery and suffering, and it's needless," Chomsky said. "It's there because our institutions are catastrophic failures," he said.

Attendees react positively to event

Students that attended the forum had many positive things to say. "It's really good to see something like this happening at MIT," said Kamla A. Topsey '00, the junior co-chair of the Black Students' Union. "Since the Extropians, no one has really talked about this. Maybe this

will be the thing that will get us talking about it."

Lisa M. Saldano G also expressed her satisfaction. "It was refreshing to have something so atypical to MIT happening," she said. "It adds depth and breadth to an MIT education."

Speakers have varied experiences

Chomsky is a graduate of Harvard University and has been at MIT since 1955. He has written numerous books in linguistics, philosophy, contemporary issues, international affairs and U.S. foreign policy.

Kathleen Cleaver is a graduate of Yale law school who in the 1960s left college to join the civil rights movement was communications secretary of the Black Panthers. She spent several years in exile in Algeria and returned to the United States and completed her education.



Anita Wu '99 and other Chinese Students Club members perform a traditional Lion Dance Friday at the Mini I-Fair, an event sponsored by the International Students Association.

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Résumé

Morgan means more career opportunities in Asia

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Candidates selected for attendance at the dinner will be contacted individually.

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POLICE LOG

The following incidents were reported to the Campus Police between Oct. 1 and 16:

Oct. 1: N10 parking lot, vehicle damaged; Bldg. N42, construction equipment stolen, \$3,000; Bldg. E17, wooden bench stolen, \$135; 77 Massachusetts Avenue, bicycle locked with cable stolen, \$294.

Oct. 2: Student Center, Pink Floyd CD stolen, \$13; Amherst Alley, suspicious activity; Amherst St. at Hayward, property stolen elsewhere recovered.

Oct. 3: Student Center, Athena Cluster, jacket stolen, \$85; Theta Delta Chi, laser printer stolen, \$500; Bldg. 68, laptop stolen, \$2,610; Bldg. NE43, suspicious person; Rotch Library, Alfredo Padilla of 4645 North Broadway, Boulder, Col., arrested for open and gross lewdness; Bldg. N52, construction tools stolen, \$57; Bldg. 13, two individuals stopped for suspicious activity.

Oct. 4: McCormick, obscene phone calls; Ashdown, bicycle secured with a cable stolen,

\$100.

Oct. 5: Student Center, Athena Cluster, jacket stolen, \$80; East Campus, noise complaint; Briggs Field, backpack stolen, \$50; Rockwell cage, wallet stolen, \$40; Bldg. 24, laptop stolen, \$1,000; Student Center, bicycle secured with "U" lock stolen, \$89.

Oct. 6: Burton-Conner, 1) laptop stolen, \$2,600, 2) CD player stolen, \$205; Bldg. E18, construction equipment stolen, \$300; Bldg. 16, construction equipment stolen, \$3,823; Eastman court, wallet left unattended stolen, \$25; Bldg. E25, suspicious person reported, discovered to be another student; Senior House, suspicious phone call.

Oct. 7: Ashdown House, bicycle tire stolen, \$25; Bldg. 54, suspicious package, discovered to be a video; Bldg. 6, suspicious activity; Tang Hall, suspicious telephone call.

Oct. 8: Bldg. 1, computer parts stolen, \$1,500; Bldg. E34, cell phone stolen, \$213; Student Center reading room, several items

stolen from backpack, \$370; Eastgate, domestic violence; 33 Massachusetts Avenue, bicycle secured with a cable stolen, \$600.

Oct. 9: Burton, bicycle secured with a "U" lock stolen, \$500; Student Center, 1) Athena cluster, jacket & wallet stolen, \$190, 2) suspicious person; Rotch Library, suspicious activity.

Oct. 10: Hayden Library, malicious destruction; Zeta Psi, MIT Campus Police assist Alcohol Beverage Control Commission; Main parking lot, two vehicles damaged; an employee was assaulted from behind in the area of E15, the suspect tried to pull the victim's backpack off. Four suspects fled area heading down Memorial Drive.

Oct. 11: New House, noise complaint; Bldg. E52, malicious damage; Rockwell Cage, wallet stolen, \$20.

Oct. 12: Sigma Alpha Epsilon, noise complaint.

Oct. 13: Bldg. 7, suspicious persons; a student was assaulted by a individual who had

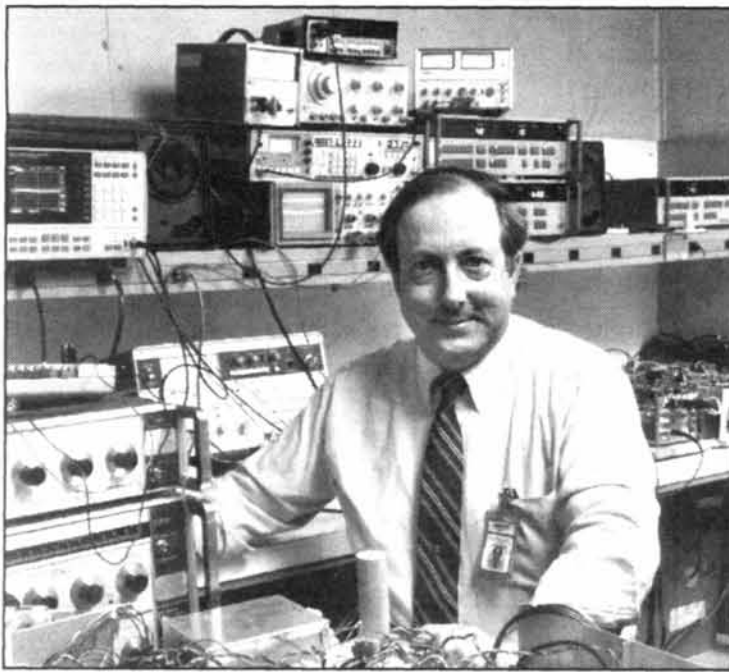
asked for spare change. Suspect left area heading down Albany St. away from Massachusetts Avenue; Westgate, bicycle secured with chain stolen, \$120; Macgregor House, bicycle secured with a "U" lock stolen, \$100; Student Center, William Foote, of 1773 Massachusetts Avenue, Cambridge, arrested for trespassing.

Oct. 14: Baker House, annoying phone calls; Bldg. E23, wallet stolen, \$45; Bldg. 68, suspicious activity; Bldg. 4, construction equipment stolen, \$550; Johnson Athletic Center, bicycle secured with "U" lock stolen, \$100; Kresge Auditorium, sweater stolen, later recovered, \$120.

Oct. 15: Bldg. 37, suspicious activity; MacGregor, bicycle unsecured stolen from lounge area, \$135; N42 lot, malicious damage to vehicles.

Oct. 16: Bldg. E38, leather jacket stolen, unknown value; 500 Memorial Dr., bicycle stolen, \$140; Westgate Lot, vehicle broken into and hammer drill stolen, \$200.

Engineering Reflections



Dick Kirkpatrick, in one of four screen rooms at Bose.

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For more information on technical opportunities at Bose, please contact:

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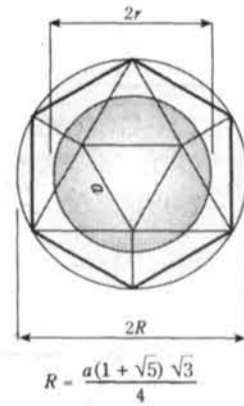
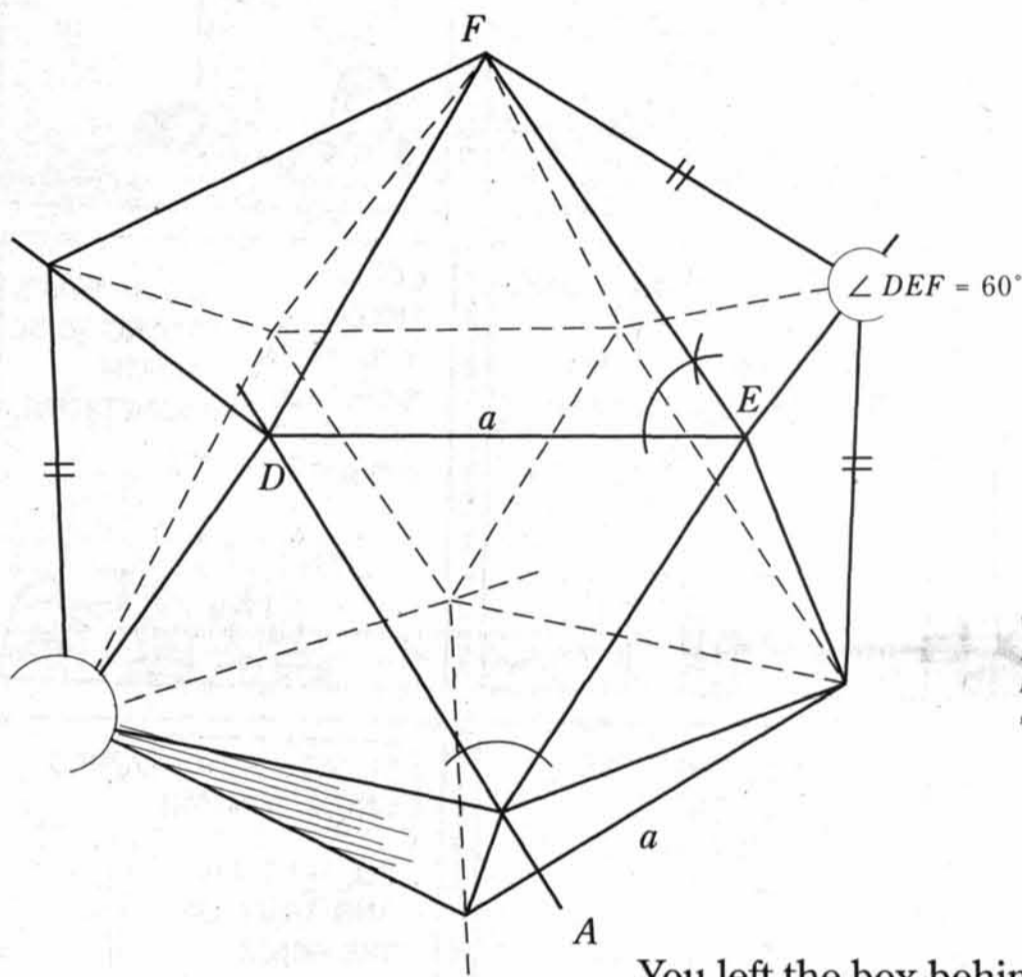
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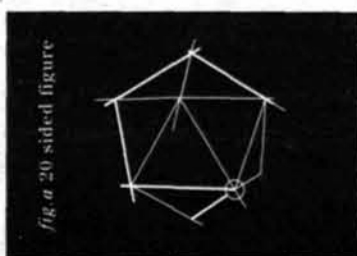


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- S - Lateral surface
- R - Radius of circumscribed sphere
- r - Radius of inscribed sphere

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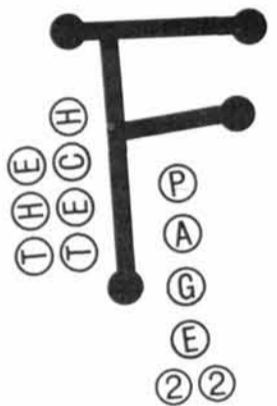
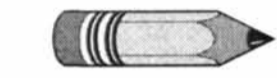
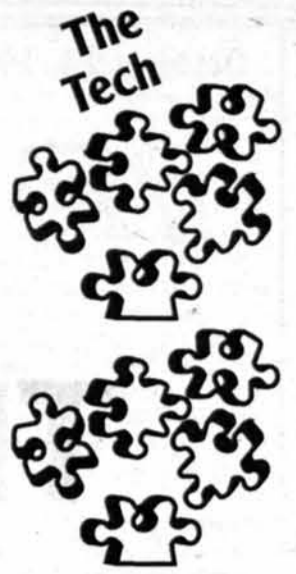
Band Names

Most popular music groups have an interesting story behind their name. The Doors took their moniker from "The Doors of Perception," a 1954 book by Aldous Huxley describing his experiences with the hallucinogenic drug mescaline. The B-52's did not take their name from the military bomber plane. The name actually comes from a southern nickname for big poofy bouffant hairdos. What band

takes its name from a villain in the 1967 movie *Barbarella*?

This week's winners will each win two LSC movie tickets and one large tub of popcorn, courtesy of LSC. Showing this weekend:
 Fri 7 & 10 p.m. *Private Parts* in 26-100
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 Sat 7 & 10 p.m. *The Lost World* in 26-100
 Sun 4 & 7 p.m. *Private Parts / The Lost World* in 26-100
 Send your answer to trivia@the-tech.mit.edu by 3 p.m. Wednesday. Two random drawings from all of the correct entries will be held to determine this week's two winners.

This feature was brought to you by the CAC Program Board. Today's factoids are by the MIT Quiz Bowl team. Members of the quiz bowl team are not eligible.



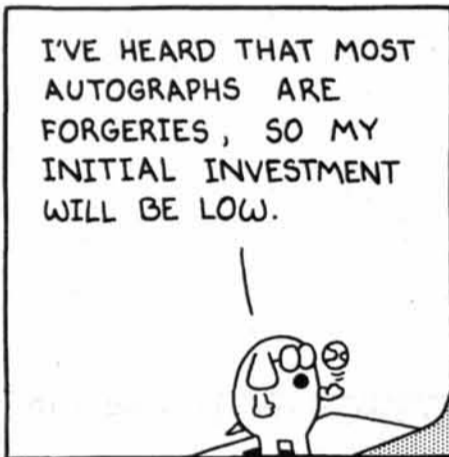
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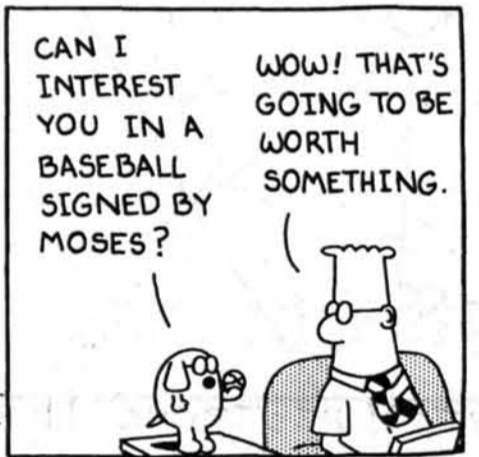
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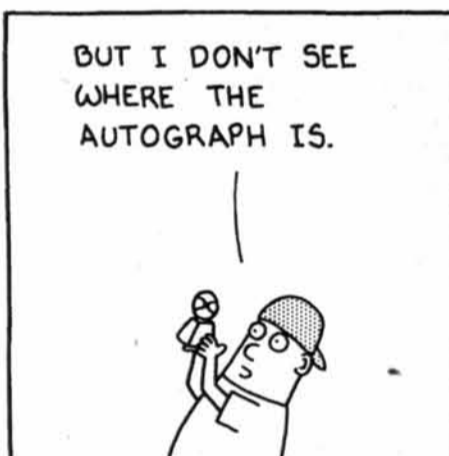
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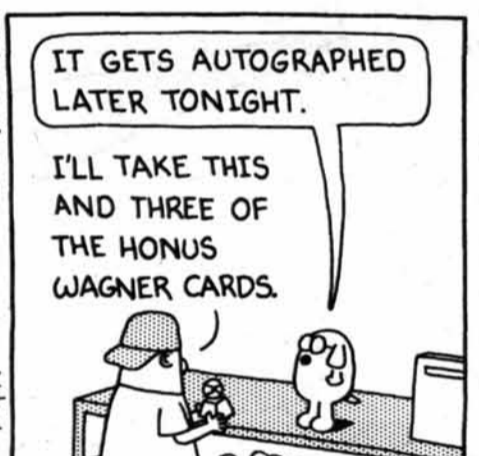
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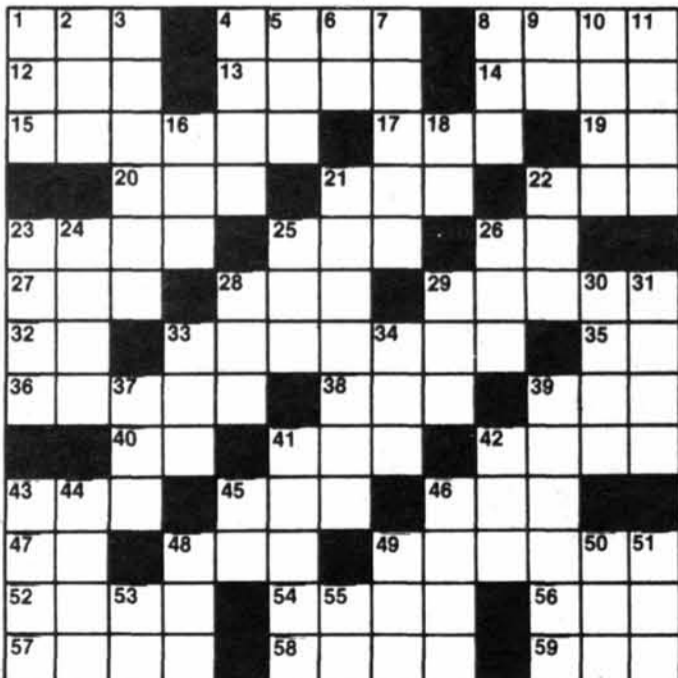
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Across

1. Past
4. Soup
8. Decays
12. Each
13. Against
14. Place
15. Evoke
17. Period
19. Letter "n"
20. Girl (slang)
21. Sly animal
22. Also
23. Twirl
25. Morning moisture
26. Impersonal pronoun
27. Peg
28. Pea holder
29. Praise
32. Preposition
33. Wary
35. Drinker's group (abbr.)
36. Not ever
38. Boredom
39. Three (prefix)
40. Article
41. Keep away
42. Dry

43. Put a match to
45. 2001 Computer
46. Frozen water
47. Notice
48. Fuel
49. Reach
52. Meal fare
54. Duration
56. Digit
57. Prayer ending
58. Dutch cheese
59. Take to court

18. Beast of burden
21. Central U.S. government
22. Dined
23. Turn around
24. Long for
25. Beetle
26. Sick
28. Even
30. Outer garment (Indi)
31. Told
33. Century (abbr.)
34. Gala
37. Cask
39. Ministers to
41. Sew loosely
42. Do
43. Buddhist monk
44. The same (Latin)
45. Laugh
46. Detail
48. Weapon
49. Professional group (abbr.)
50. Promise to repay
51. Born
53. Direction (abbr.)
55. I had (contraction)

Down

1. Gorilla
2. Congeal
3. Beginning
4. Cruise
5. Explosive
6. Time zone (abbr.)
7. Female surviving spouse
8. Rodent
9. Either
10. 15-year-old
11. Beach particles
16. Will

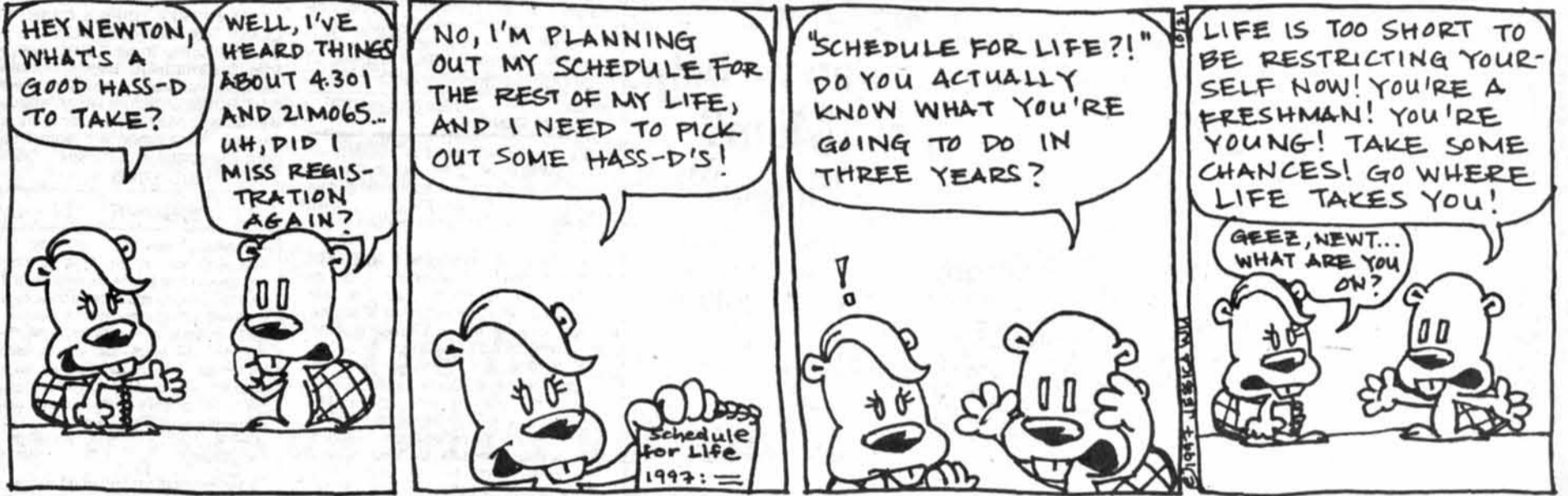
PUZZLE SOLUTIONS



COMICS

dammed for life

by jessica



Off Course

by Hugo



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Wearables Still Face Problems

Wearables, from Page 1

The problem of proliferating wires is making current research messier. Researchers have discovered that "when you start building these things, you find yourself draped in wires" which connect cameras to processors to displays. There is hope that advances in wireless communication will remove the need for wires.

Controlling wearables remains a sticking point, however. Traditional keyboards cannot be used as input devices due to size constraints, so other solutions must be considered.

Designing portable input devices "remains an open question," Pentland said. "We have some ideas, but there is no easy solution."

In addition, there may be social ramifications to the explosion of wearable technology. "Relying on computers for everything will dull people's sensibilities and feelings," said Kazuhiko Nishi, president of ASCII Corporation and one of the speakers. "It is crucial that computers and people... coexist."

Vest applauds convocation

The wearables convocation represented a good blend of industry

foresight and academic research, said President Charles M. Vest. The partnership "demonstrates the importance of blending fundamental and applied research, to the extent that those terms even make sense any more."

The conference-goers managed to fill most of Kresge Auditorium. "We're estimating about 1,400. That's about standard for us," said Valerie A. E. Minard, information coordinator for the Media Lab.

Among those attending were employees of the laboratory's corporate and government sponsors, researchers, and media, she said.

Binge Drinking Seen As Serious Problem

Survey, from Page 7

ing is that it would make sense to lower the age," said Director of the MIT Medical Department Arnold H. Weinberg.

Weinberg also pointed to Europe, where students experience alcohol at a young age in a family setting and don't perceive drinking as a "macho thing."

Binge drinking results significant

Despite the lower incidence of

substance abuse among MIT students, Weinberg pointed to the "issue of binge drinking and its ripple effects" as one of the most significant results of the survey.

The survey results roughly mean "that there are over 1,000 students who binge drink on campus," Weinberg said. This is an issue on many college campuses "that causes many social and physical problems," he said. "The MIT Medical Department... wants to be a part of education."

"Even though we have such a large number of students who don't drink here at all, everyone gets affected," Desovich said.

Alcohol education sorely needed

Alcohol education is one of the most important things students should receive, Weinberg said. Weinberg said that most people are not aware of facts such as the increased danger of alcohol consumption on an empty stomach, in conjunction with marijuana and other drugs, or after having carbonated drinks.

The survey indicated that many students at MIT are not well-educated about drugs and alcohol. Seventy-one percent said they didn't know if the campus had an alcohol and drug prevention program.

Weinberg and Desovich stressed the role of the Medical Department in times of crisis. "The Medical Department is open 24 hours a day," Desovich said.

Desovich said that many people carry the misconception that if they come to the Medical Department for help and are underage, they will be turned in, when, in fact, everything is kept strictly confidential.

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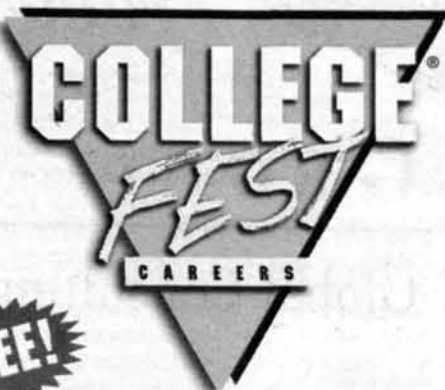
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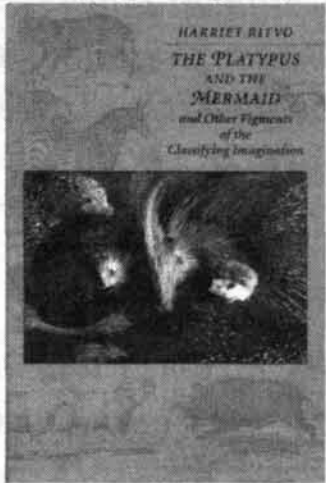
The Platypus and the Mermaid

& Other Figments of the Classifying Imagination

Harriet Ritvo

speaks about her new book *The Platypus & the Mermaid* published by Harvard University Press.

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"The brilliance of Ritvo's book ... [lies] in the particular examples that she has chosen to illustrate the institutional bonds of humans with other animals ... She tells so many wonderful stories." —Stephen Jay Gould.

Harriet Ritvo is Arthur J. Conner Professor of History at MIT.

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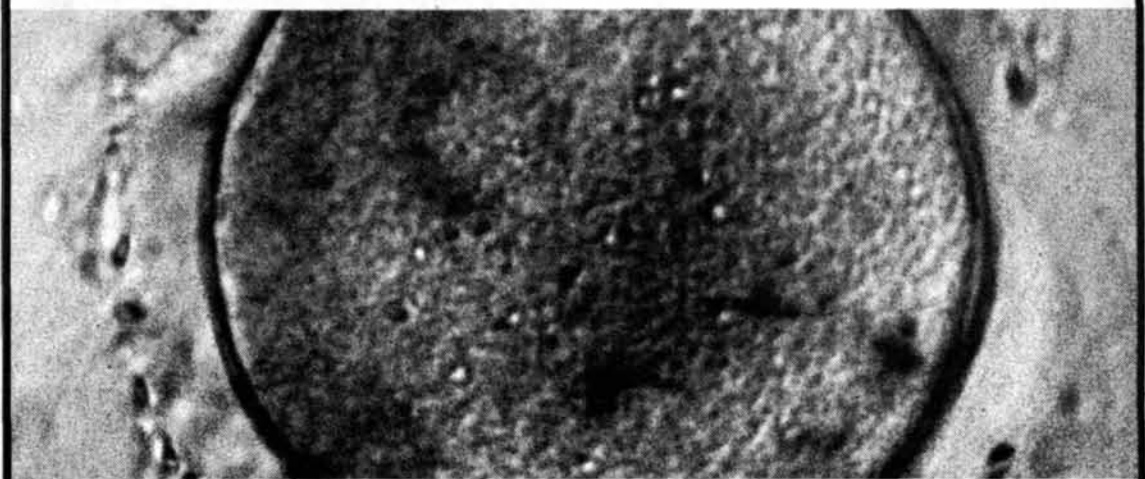
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c/o Ms. Roxane Cullinan
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*Resume Deadline: Wednesday, November 5
Interviews scheduled for:
Thursday, December 4*

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Parents See Campus; Talk to Vest, Faculty



The MIT Festival Jazz Ensemble performs in a family weekend concert. Parents, from Page 1

"We have to rely on other people that are around when [some] students try alcohol," she said.

The IFC is dealing with the situation well, Gilon said. "We're not shrugging things under the rug. There are problems and it's obvious we need to communicate our efforts."

After a number of parents complained about not being kept informed of events, Williams said that "there is a need for more information and we've heard that [suggestion] repeatedly."

"We are not doing a good job giving out information to the freshmen" during rush, Gilon said.

Parents speak out

Parents voiced varying opinions on the discussion guided by Vest and the panel.

"I think they are concerned, but they don't have the answer. There has to be a general attitude change," said Ken Meredith, father of Kara S. Meredith '00.

"As far as how [the plan] looks, it looks good. Whether they follow through" is a different issue, said Steve Kostoulas, father of Evangelos Kostoulas '01.

"The most important thing is to keep in touch with our child and see how he's doing," said Despina Kostoulas.

"I was very impressed with the faculty representative (Silbey) and the openness of the president (Vest) and the administration," said Peggy Demon, mother of Ronald S. Demon '99.

"I think it's unfortunate that we have to focus on the negative. We see the need for more character-building and maturity," said Linda Beland, mother of Christopher D. Beland '00. "I'd hate to see us throw all our freshman on campus."

"I have confidence my son is not going to be led into drinking, so this is not an issue for me," said Lois Britton, mother of Gerald R. Britton '01.

"I thought the issues [discussed] were on target and well thought out," said Catherine Lee, mother of Matthew Lee '00. "I'm confident that they will look into the issues."

Other events generally go well

Various departments held seminars on topics ranging from image-guided surgery to the economics of the weight-loss industry.

"I think it was very successful... the parents were very receptive," said Rosemarie Resnik, director of the geographic program for the Alumni Association.

"Their interaction at the panel discussion with Vest was very positive and I think the parents felt that the president and the administration were listening to them," Resnik said.

While parents were generally

satisfied, a number of them felt there were too few events on the weekend and that working families were neglected by the schedule, Resnik said.

There were a few minor glitches in scheduling. For instance, there was a scheduling problem with one of the Electrical Engineering and Computer Science seminars and some parents were confused about its time, but "the program itself was fine," Britton said.

"It's tough to coordinate all of the [events] because you have to get the cooperation of all the departments," Resnik said. Overall, parents were happy with the weekend, she said.

Family Weekend was "very informative. I particularly liked the Electrical Engineering and Computer Science seminar about image-guided surgery. They talked about the new building, which was impressive," Demon said.

"It's a very good weekend to gather information and for parents to network," Demon said.

Betty Graham, mother of Brian B. Graham '99, said she attended the Family Weekend Concert held Friday. "The level of energy and dedication was incredible... the musicianship was outstanding."

Going Home?



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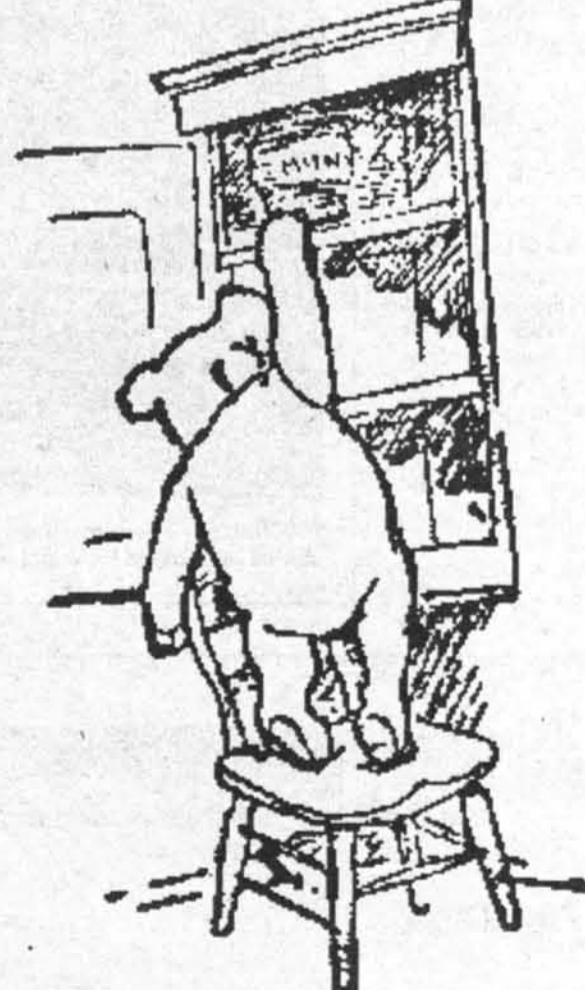
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&


SPORTS

Men's Water Polo Wins Division III Eastern

By Daniel C. Stevenson
SPORTS EDITOR

The men's water polo team defeated Johns Hopkins University 13-9 on Sunday to become the Division III Eastern champions.

Earlier in the weekend tournament at Alumni Pool, they handily defeated Tufts University (17-7), the U.S. Merchant Marine Academy (14-4), and Lehman College (19-3).

Stefan Bewley '01 scored six goals to lead the Engineers in the championship game. Captain Zac Lee '98 was named the Division III Eastern MVP. Lee, goalie Ryan Adams '99, Matt Hausman '01, and Bewley were all named First Team All Eastern Division III.

Additionally, first year coach Jeff Ma '96 was recognized as Coach of the Year.

From here the team hopes to defeat St. Francis this weekend and earn a berth in the upcoming

Division I Eastern Championship at Princeton University where they could qualify for nationals.

Strong start against Hopkins

The Beavers beat Hopkins despite a major scoring lull in the third quarter.

Right at the beginning, Hausman scored a two-pointer and then Bewley scored a shot off a drive. After another Bewley goal and a point by Hopkins, the first quarter ended in MIT's favor at 4-1.

The Beavers began the second quarter strongly with two goals, one by Bewley and one by Mike McCarroll '99 off a four-meter penalty shot drawn by Lee, bringing MIT's lead to 6-1.

At that point, with about five minutes remaining in the half, "Our offense pretty much stalled out due to a bunch of careless passes and turnovers," Ma said.

Hopkins scored twice to end the half at 6-3.

MIT scoreless in third quarter

MIT's offensive problems continued in the third quarter, and Hopkins scored two more unanswered points, one off a man-down situation.

Ma said he was "a little worried at that point, but not really too much because they weren't doing enough against our defense."

At the start of the fourth quarter, the Beavers drew a quick ejection and McCarroll scored a goal on MIT's traditional "4-2" man-up play to end the scoring slump.

Hopkins very quickly turned the ball over when Charlie Wykoff '98 drew an ejection for another man-up, and Bewley scored his fourth goal to bring MIT to 8-5.

Hopkins didn't quit, however, and got a couple of quick goals, including one when a Hopkins play-

er taunted the MIT bench.

Lee passed to Hausman on a goal-throw play to make the score 9-7, which was quickly answered by a goal from Hopkins.

Then, Bewley scored a two-pointer — "a beautiful cross-cage skip shot," said Ma — to bring MIT to 11-8.

Hopkins came down and scored another goal, but the Beavers answered right back, running the "3-3" man-up play which caught Hopkins by surprise. Mark Leibowitz was left totally open in the wing, and took the ball to the goalie for a score.

Hausman finished off the game with an insurance goal.

Seeded 5th against St. Francis

This weekend's tournament at Brown University will pit MIT against St. Francis, whom they lost to earlier in the season. However,

"we're playing much better now, so [we] have a shot at knocking them off," Ma said.

MIT is seeded 5th, their highest seed in recent years. The top four teams from the tournament will go on to the Division I Eastern Championship at Princeton.

Ma named coach of the year

Ma said he was excited by his award, but called it "a testament to how well the guys played."

He said he really enjoyed coaching the team this year, his first back at MIT since playing on the team for four years, lettering three times. Last year he coached at Wellesley College.

Ma, a part-time coach, works in product marketing for Inter-dimensions, a Cambridge software company.

Chris Brocoum contributed to the reporting in this article.

Head of the Charles

After a one-year hiatus, the Head of the Charles Regatta returned to Cambridge this past weekend, bringing 300,000 people to watch 5,600 rowers from around the world.

MIT crews, many alumni, and Professor Hartley Rogers, Jr. raced more than 15 boats in nine events and secured respectable placings across the board.

Most noteworthy, Director of Crew Stu Schmill '86 coxed the winning Women's Lightweight Eight crew and Rogers placed second in the Senior Veteran Singles race.

The race, the 33rd annual running of the world's largest regatta, was held on both Saturday and Sunday after last year's Sunday-only race was cancelled because of rain and high winds. The weather was overcast and cool for both days.

Among other MIT finishers:

- The men's heavyweight varsity crews racked up solid 21st and 38th places in the Club Four race and 23rd in the Championship Eight.
- Men's lightweight varsity crews placed 23rd in the Lightweight Four and 13th in the Lightweight Eight races.
- Women's varsity crews placed 19th in the Club Four and 23rd in the Championship Four races.
- The Sloan Crew Club placed 11th in the Women's Club Four and 50th in the Men's Club Four.
- A freshman crew placed 20th in the Youth Eight race.

For full coverage and photographs, see pages 15-17.



CHANDRANATH NEOGY

Professor Hartley Rogers, Jr. raced to second place in the men's Senior Veteran Singles at the Head of the Charles this weekend. See coverage pages 15-17.

UPCOMING HOME EVENTS

Tuesday, October 21
Field hockey vs. Wellesley College, 7 p.m.
Men's soccer vs. Tufts University, 3 p.m.

MIT Rugby Club Comes Back In Second Half to Beat Harvard

By Steven Murray
TEAM MEMBER

Last Tuesday saw the renewal of an oft-heated rivalry between the MIT rugby club and the Harvard University Business School rugby club.

MIT has dominated the twice-yearly matchup in recent years, winning the last three tests. It is always a hard fought game however, and both sides were excited and ready to play.

The early play favored HBS as MIT was constantly called offsidies in their own territory. This lead to two converted penalty kicks to give the business school a 6-0 lead in the beginning of the match.

The first signs of ill-will surfaced early in the first half as a Harvard player came in late and leveled standoff Jaco Pretorius after he had kicked the ball cleanly away. Pretorius played the rest of the game, only learning later that the late hit had broken three of his ribs. "I'm obviously upset that they were coming after me late, but I'm certainly not going to whine about it," Pretorius said. "Sometimes broken ribs are a part of the game."

MIT had scoring chances in the first half, but neither Pretorius nor wing Steven Murray G could convert penalty kick opportunities. Harvard was able to put in a try in the latter moments of the first half to establish a halftime lead of 11-0.

Beavers come back in second half

As the half turned, so did the wind, and with it, the fortunes of the Rucking Beavers. Early in the second half, captain Fernando Vargas G put a long kick through to give the Beavers their first points and a needed lift. "I perceived that as the genuine inflection point in the game," Vargas said.

"The first-half play was bordering on lugubrious, but things picked up and rose monotonically from there," Vargas said.

With the wind at the Beavers' backs, their kicking game could come to full fruition, and the backs started to get more ball. The first try came as veteran scrum-half Chevy Vithiananthan '87 took the ball around the weak side of the scrum.

Going away from the bulk of his backs, Vithiananthan created an overload, and threw an easy pitch to the wing for the try. The try was converted by Pretorius, back on the field after an expulsion for fighting, to bring MIT within two points, 9-11.

Things started to roll for the Beavers after that, with Pretorius

banging through two more kicks to give MIT a 15-11 lead. With MIT pushing hard at the Harvard goal, the play finished off with a long, tight spin pass from new inside center Randy Myers all the way out to the left wing, who deftly avoided tacklers and placed the ball down in front of the Harvard goal to close out the match.

"Honestly, they just couldn't play with us in the forwards," said Chris Sununu '98. "We pushed them all over the field on scrums, and I look forward to doing it again."



GREG KUHNEN—THE TECH

TOUCHDOWN— Four members of the MIT Skydiving Club parachuted into Briggs Field last Friday in a demo jump.

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